

SAR Test Plots

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.03, 8.03, 8.03); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.4

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

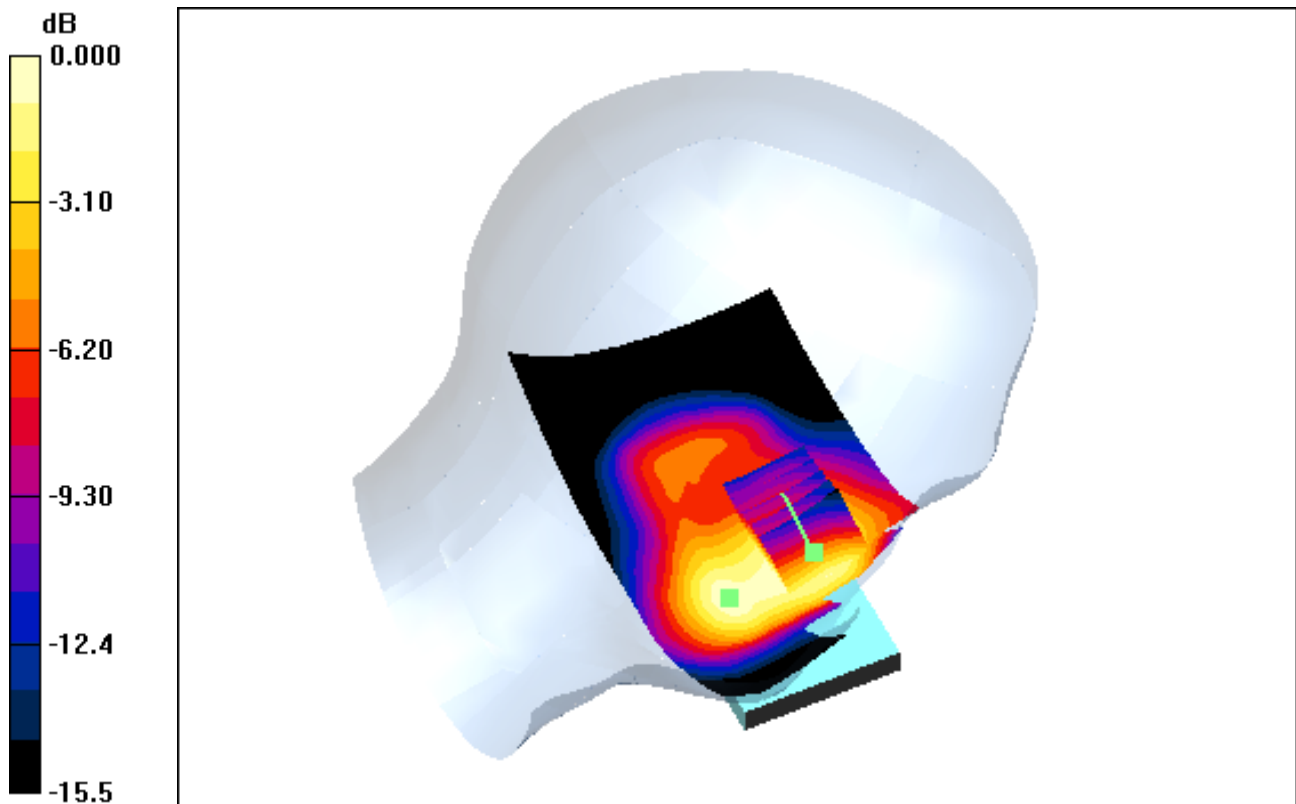
Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.177 mW/g



0 dB = 0.339mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.03, 8.03, 8.03); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.4

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

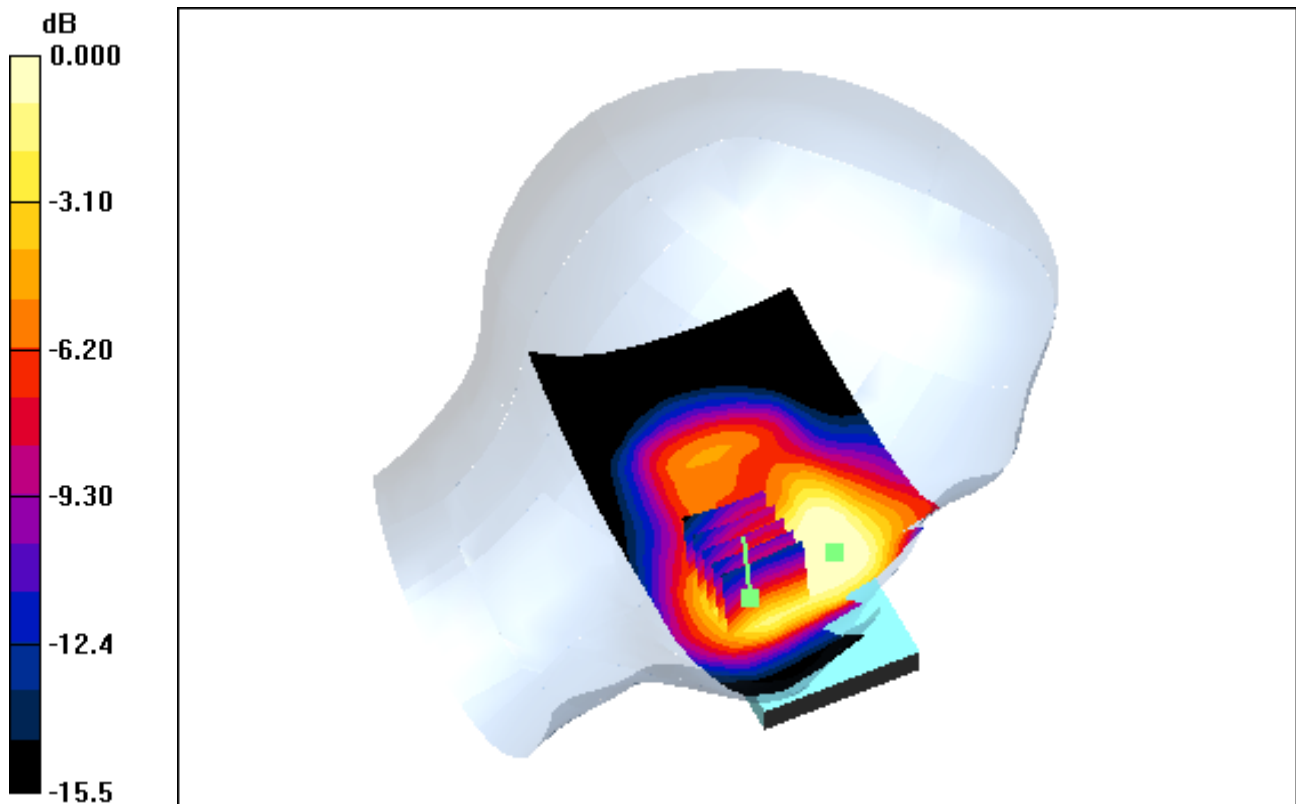
Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.163 mW/g



0 dB = 0.299mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.03, 8.03, 8.03); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.4

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

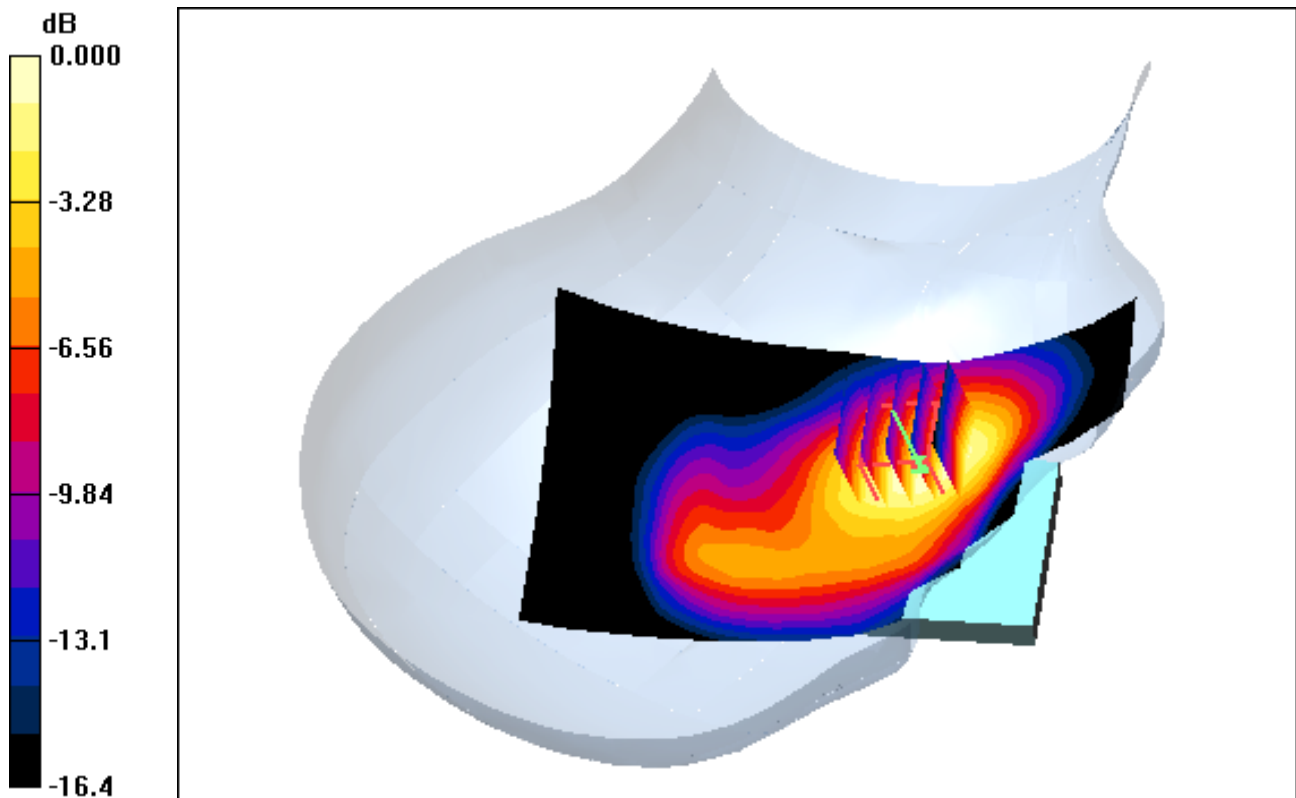
Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.731 W/kg

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.281 mW/g



0 dB = 0.611mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.03, 8.03, 8.03); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.4

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

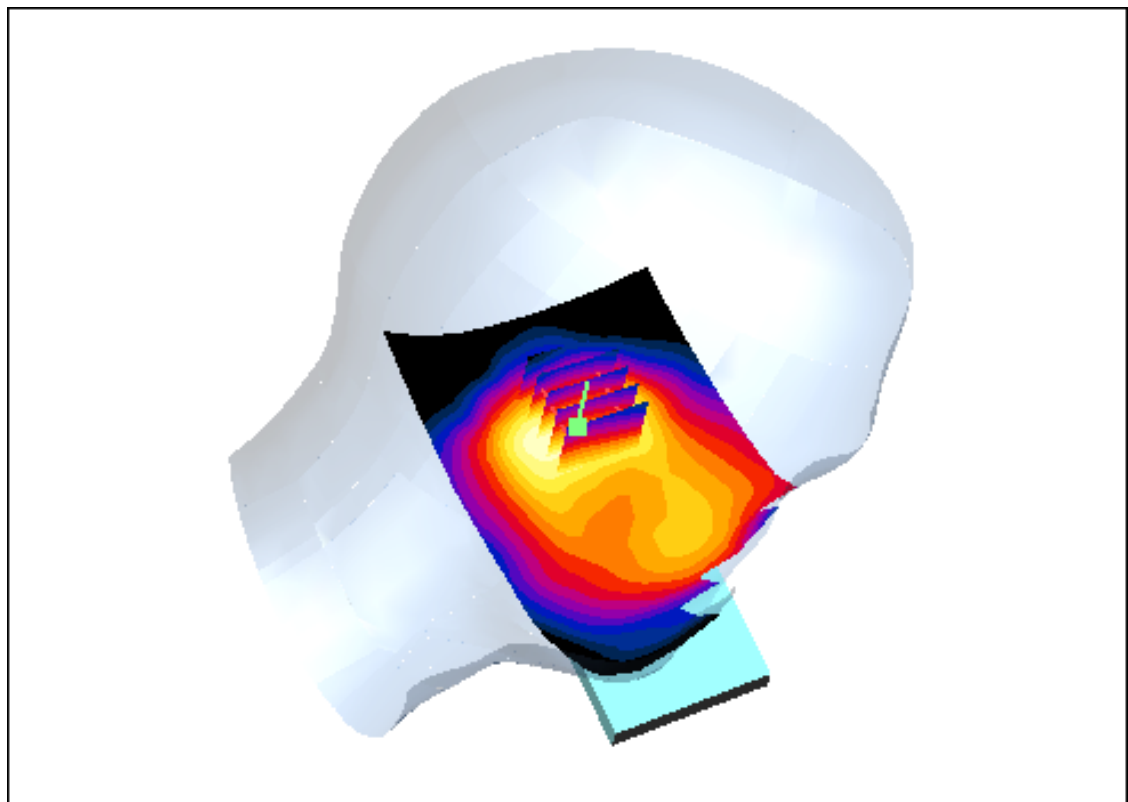
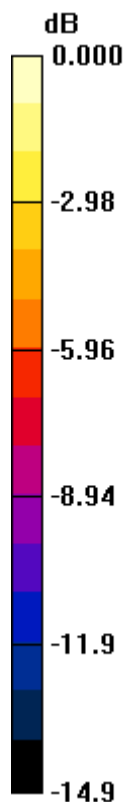
Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.096 mW/g



0 dB = 0.196mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.03, 8.03, 8.03); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.4

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

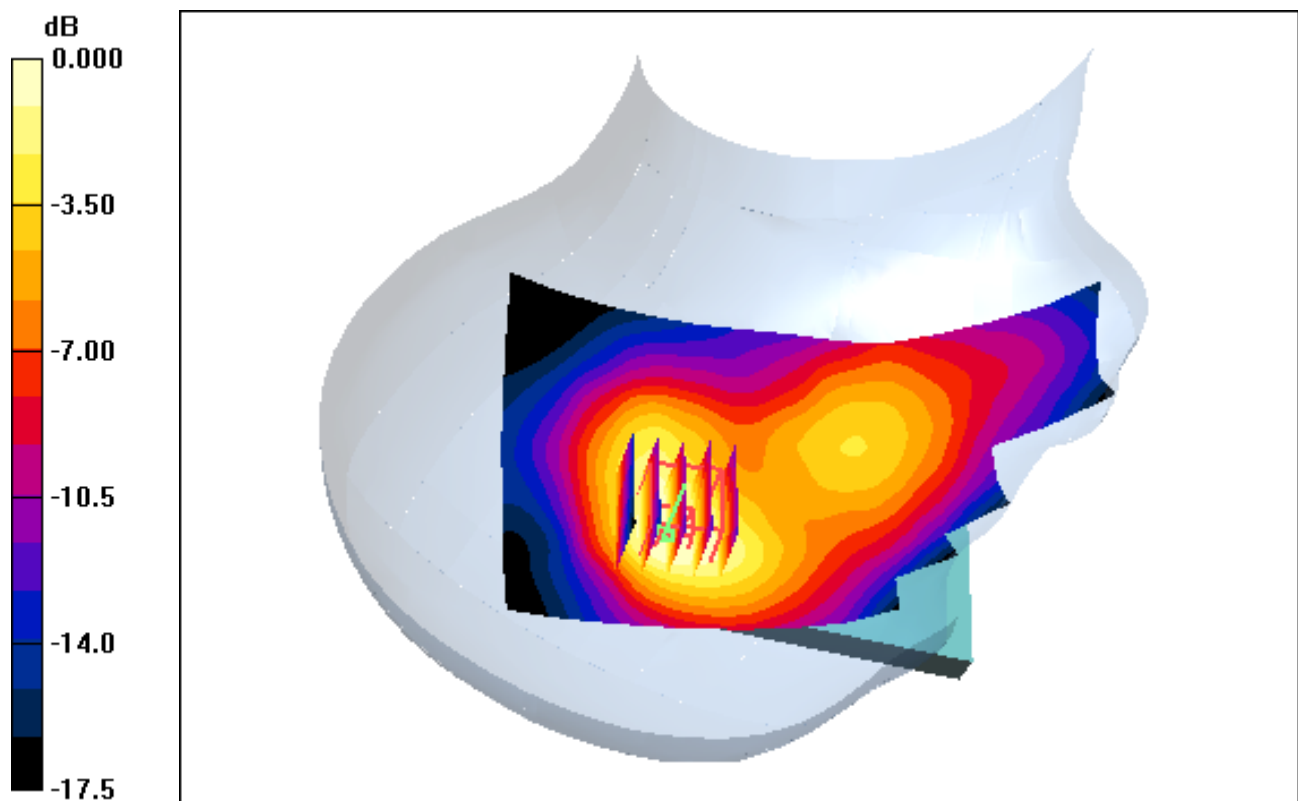
Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.109 mW/g



0 dB = 0.220mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.03, 8.03, 8.03); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.4

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

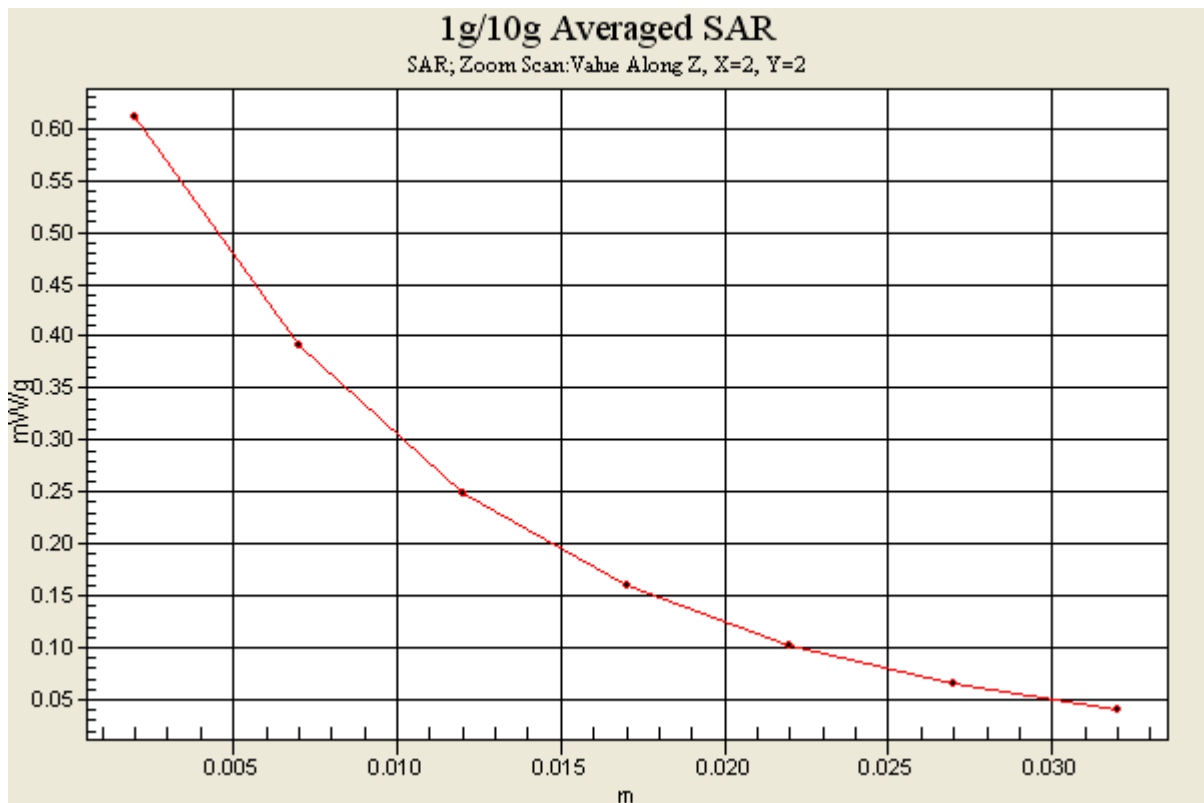
Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.731 W/kg

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.281 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.32, 7.32, 7.32); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

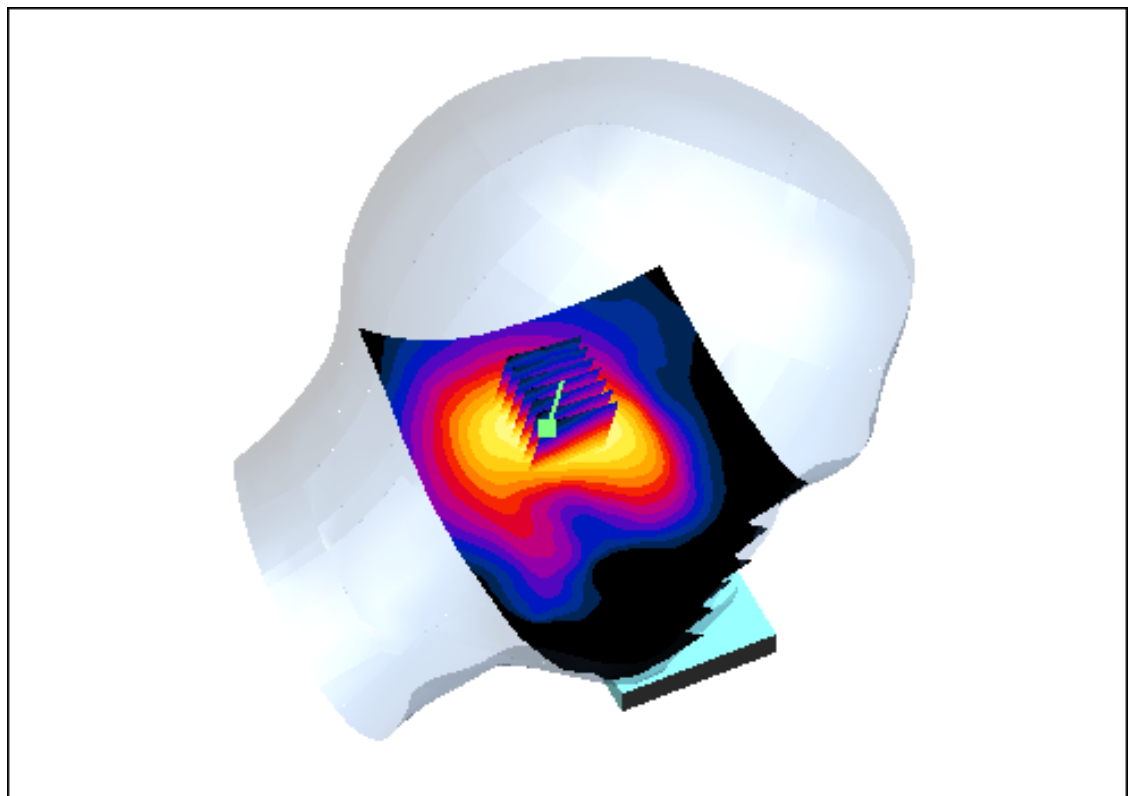
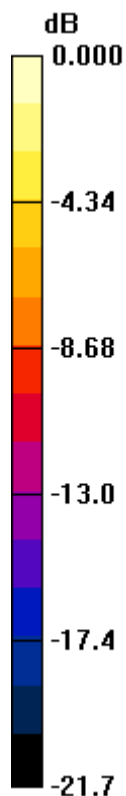
Area Scan (101x151x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.206 mW/g



0 dB = 0.591mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.32, 7.32, 7.32); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

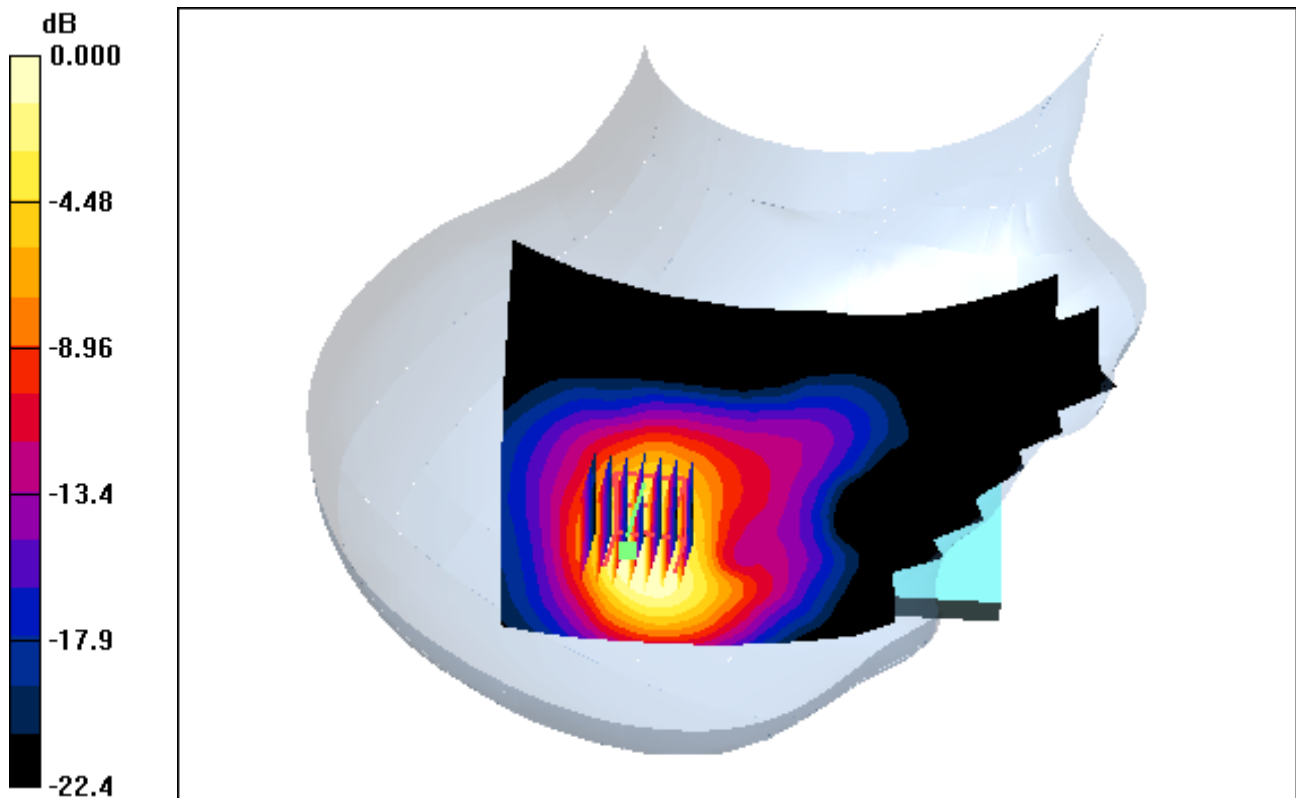
Area Scan (101x151x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.224 mW/g



0 dB = 0.745mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.84 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.32, 7.32, 7.32); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

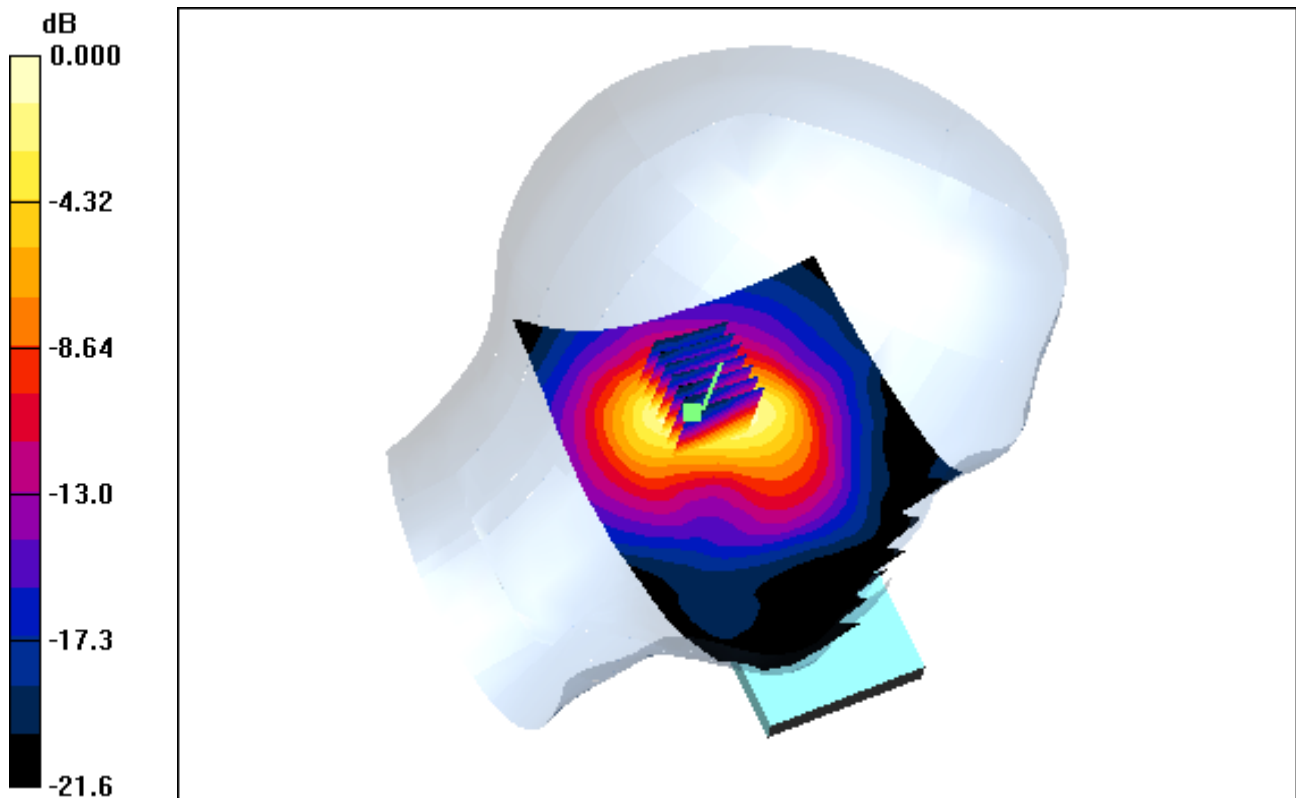
Area Scan (101x151x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.173 mW/g



0 dB = 0.500mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.84 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.32, 7.32, 7.32); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

Right Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

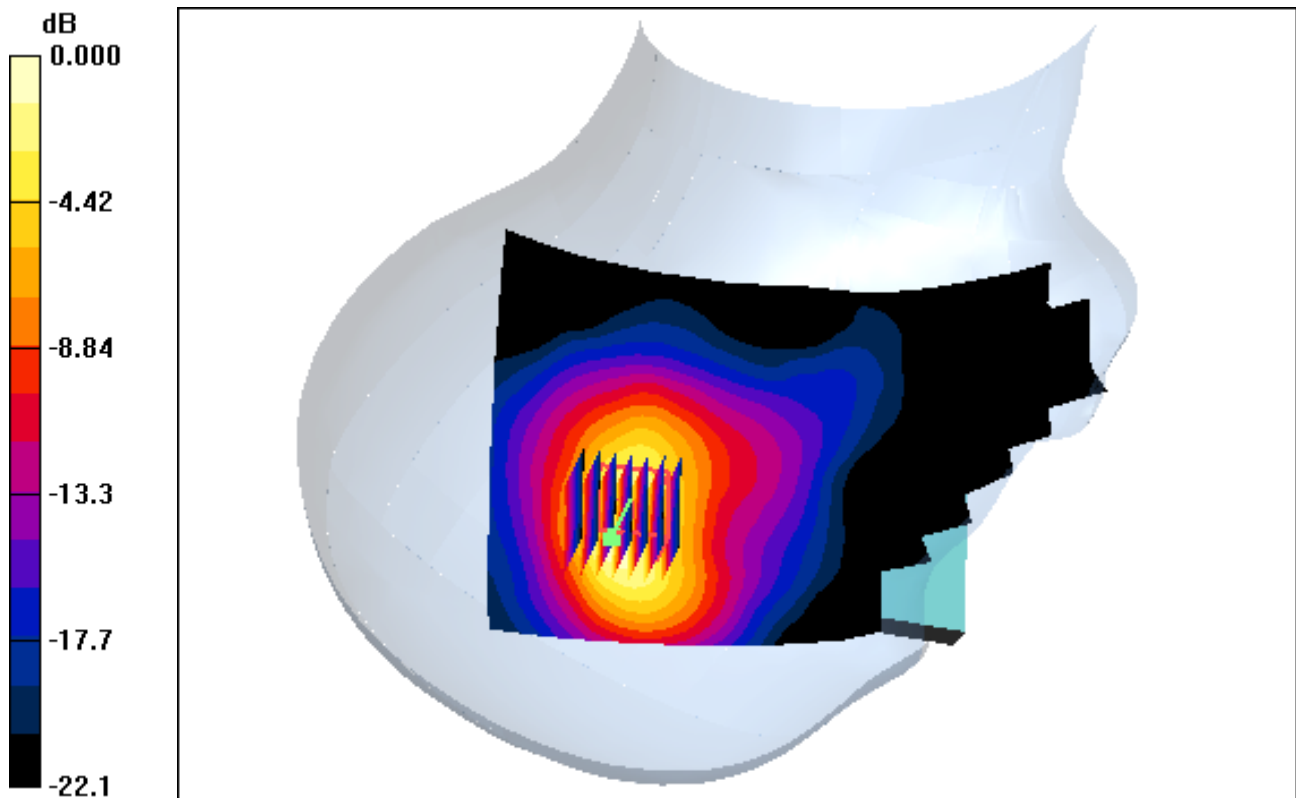
Area Scan (101x151x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.190 mW/g



0 dB = 0.662mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.84 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.32, 7.32, 7.32); Calibrated: 2013-04-29; Electronics: DAE3 Sn519

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

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

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

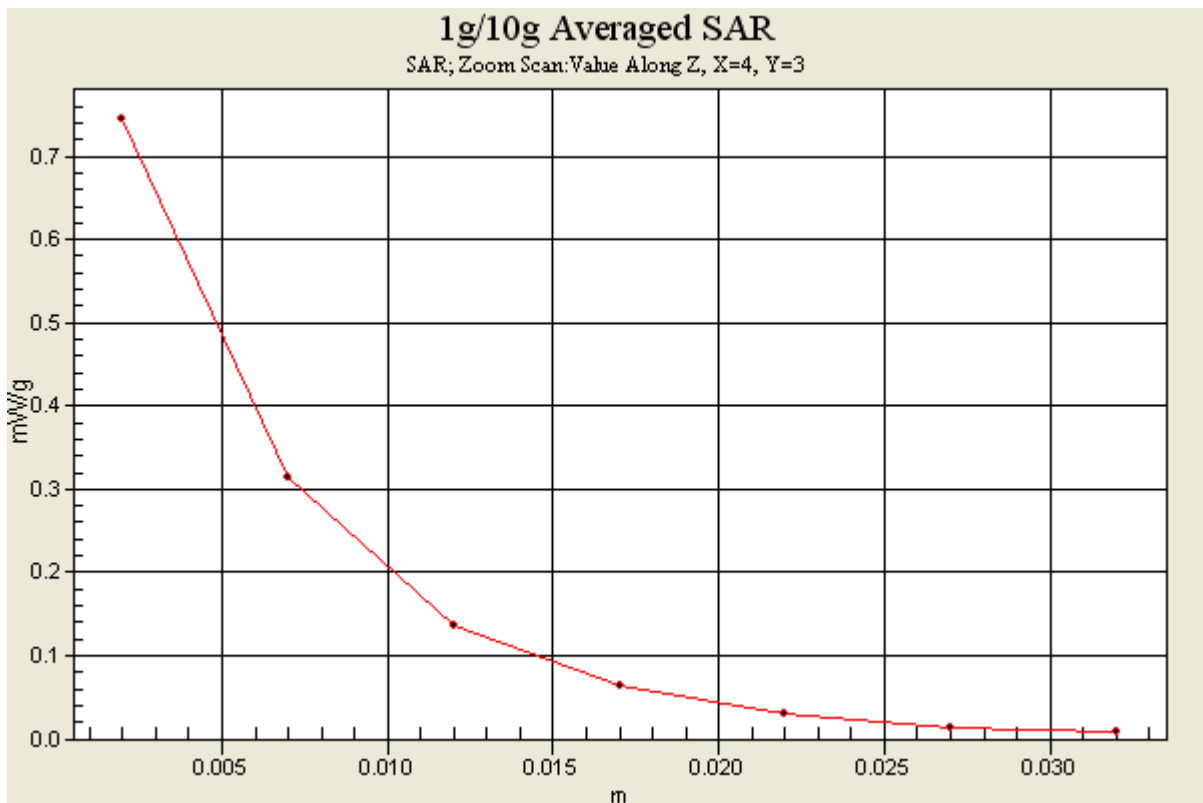
Area Scan (101x151x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.224 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5200; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.49 \text{ mho/m}$; $\epsilon_r = 37.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.23, 5.23, 5.23); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Touch, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery

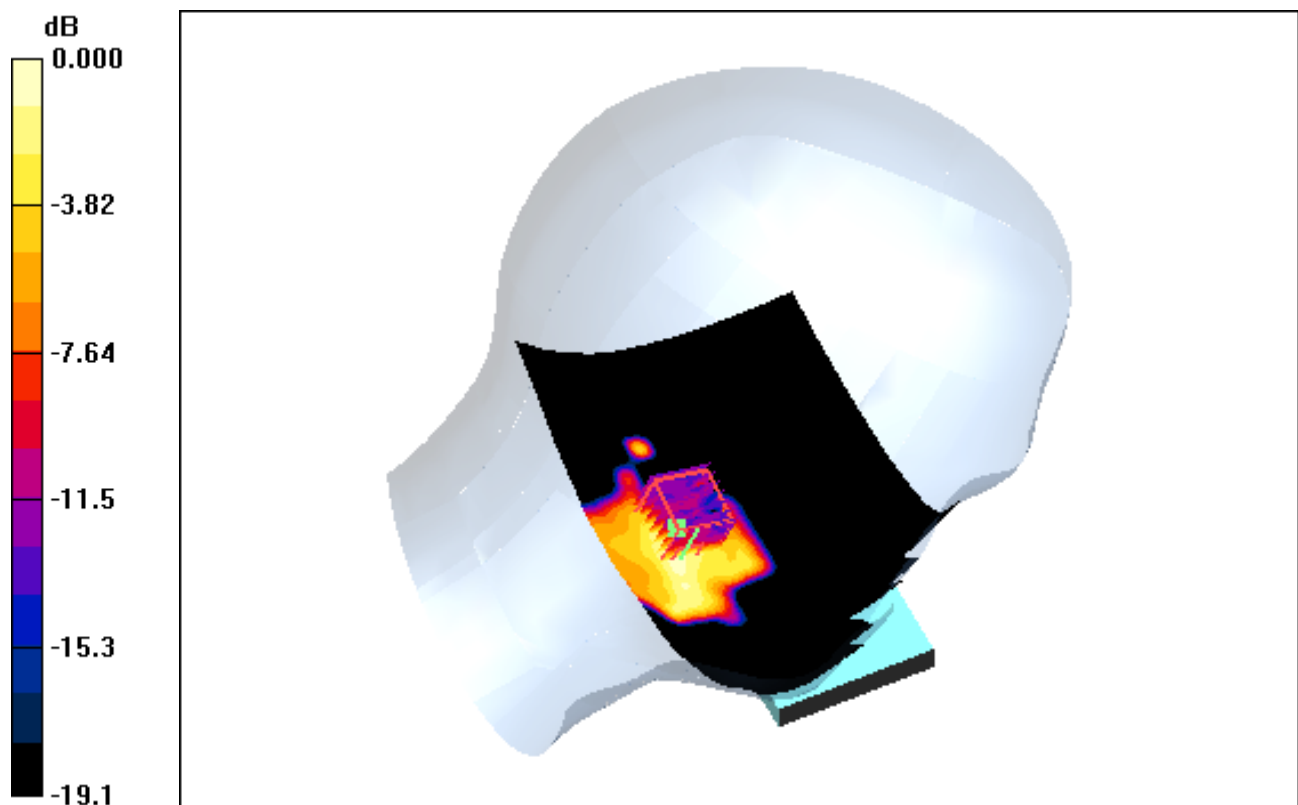
Area Scan (111x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.028 mW/g



0 dB = 0.149mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5200; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.49 \text{ mho/m}$; $\epsilon_r = 37.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.23, 5.23, 5.23); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Touch, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery

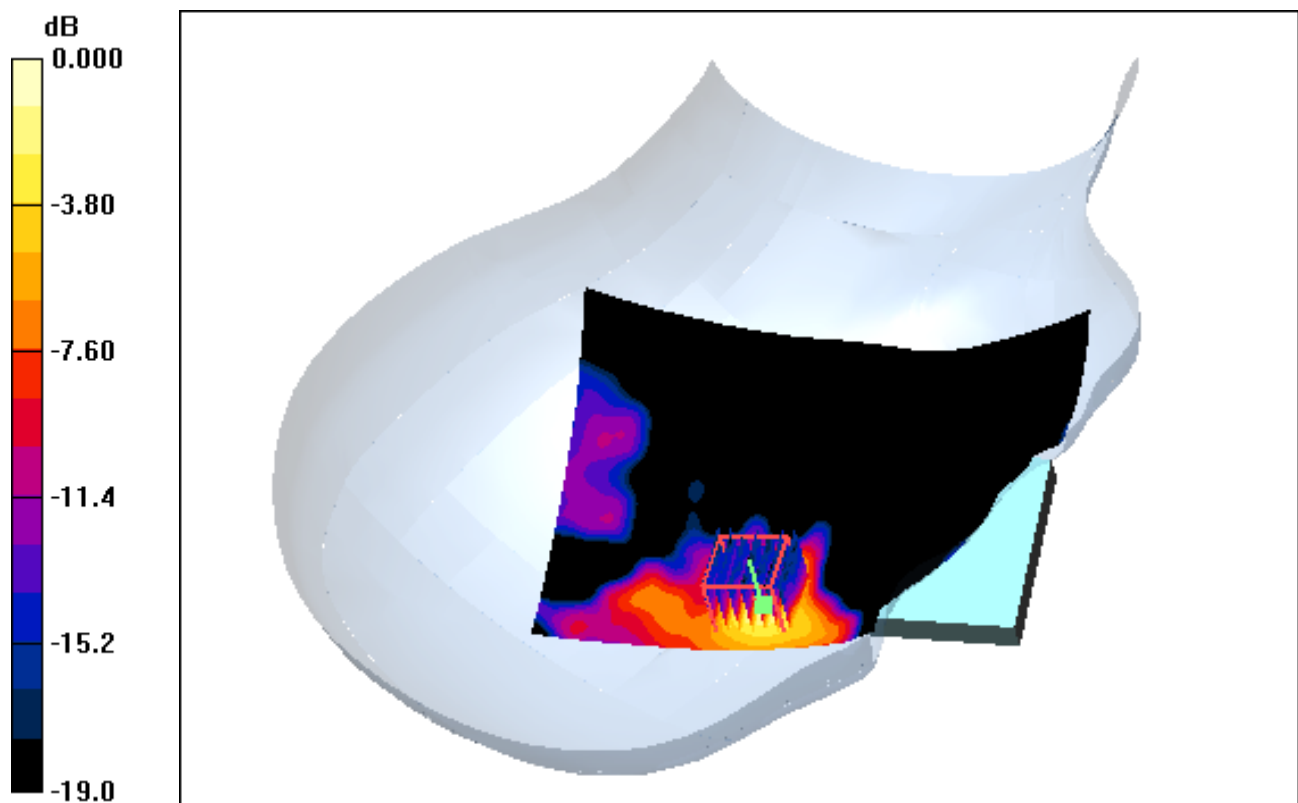
Area Scan (111x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.054 mW/g



0 dB = 0.270mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5200; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.49 \text{ mho/m}$; $\epsilon_r = 37.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.23, 5.23, 5.23); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Tilt, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery

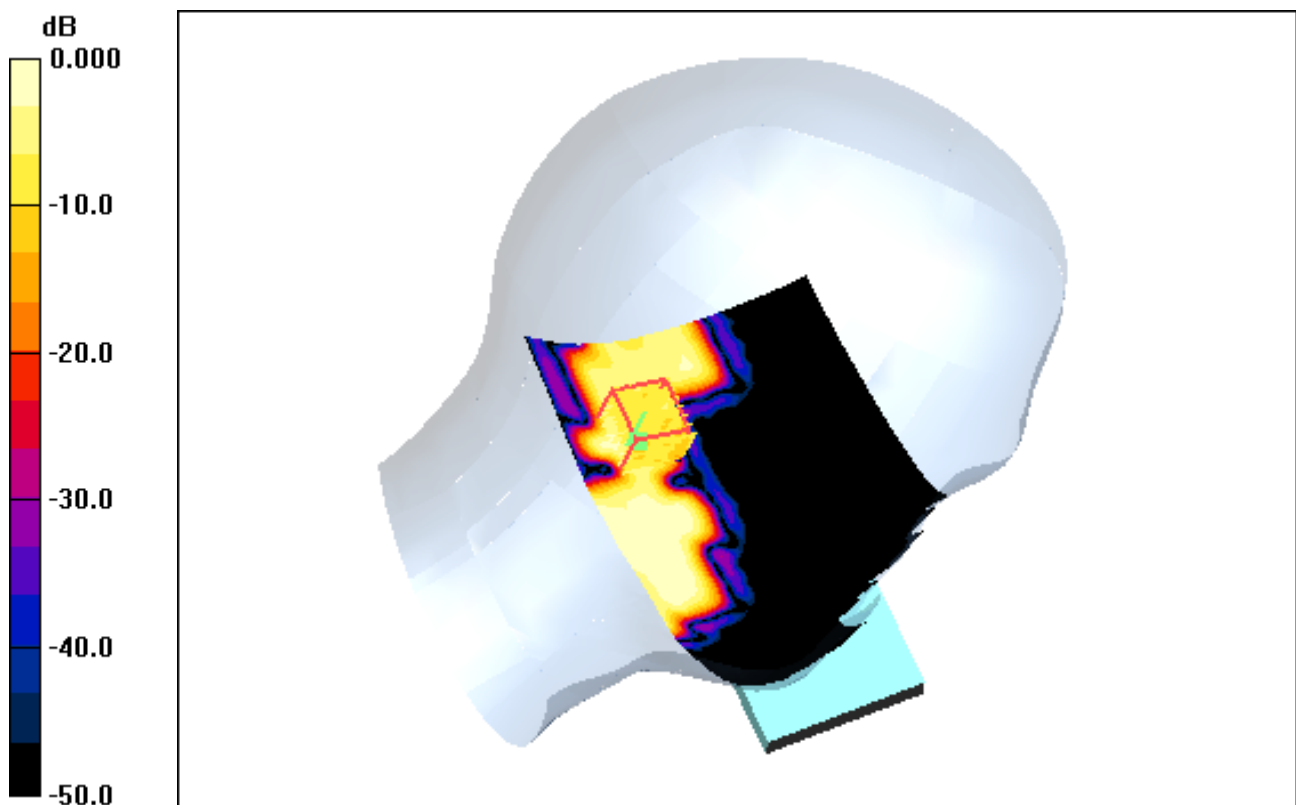
Area Scan (111x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.014 mW/g



0 dB = 0.059mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5200; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.49 \text{ mho/m}$; $\epsilon_r = 37.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

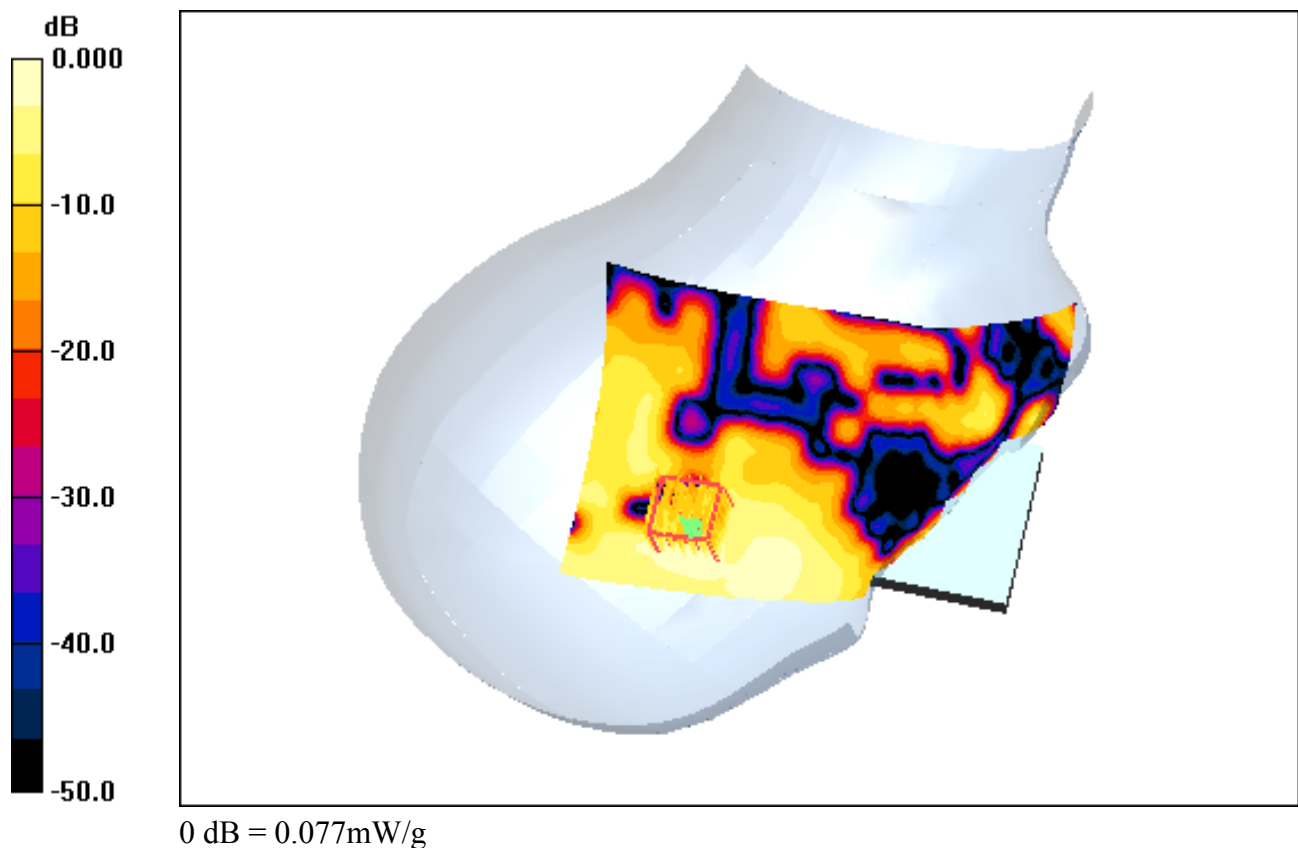
DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.23, 5.23, 5.23); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Tilt, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery

Area Scan (111x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Power Drift = 0.160 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.013 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5200; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.49 \text{ mho/m}$; $\epsilon_r = 37.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.23, 5.23, 5.23); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Touch, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery

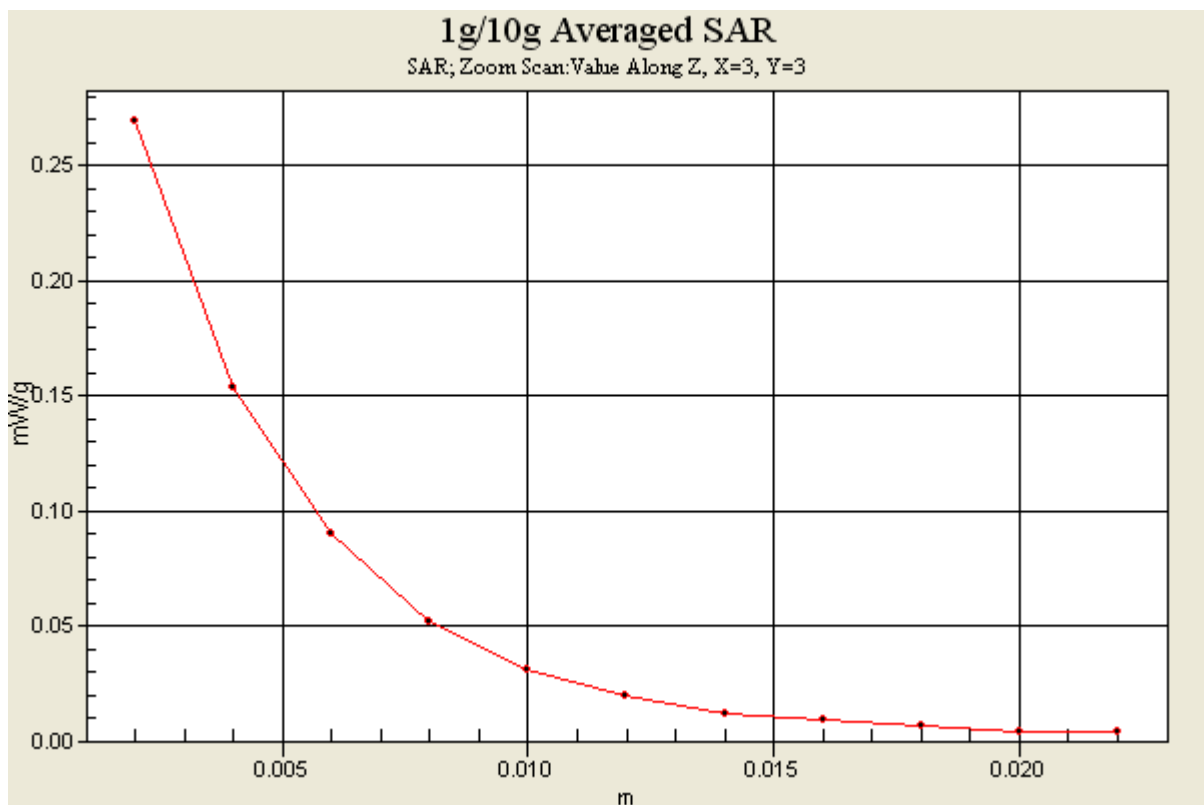
Area Scan (111x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.054 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5300; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 4.68$ mho/m; $\epsilon_r = 36.9$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Touch, W-LAN(802.11a - 5.3G Band) Ch. 64, Ant Internal, Standard Battery

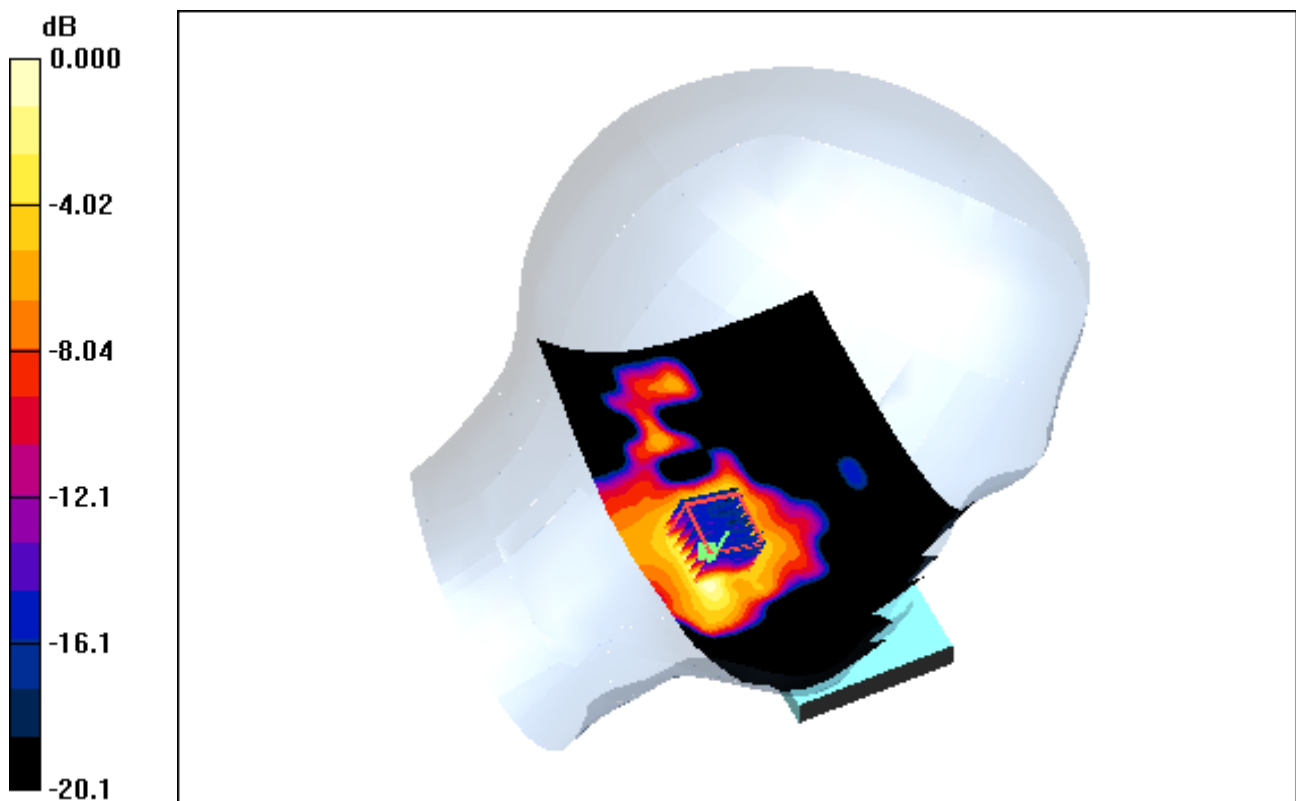
Area Scan (111x181x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.077 mW/g



0 dB = 0.383mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5300; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.68 \text{ mho/m}$; $\epsilon_r = 36.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

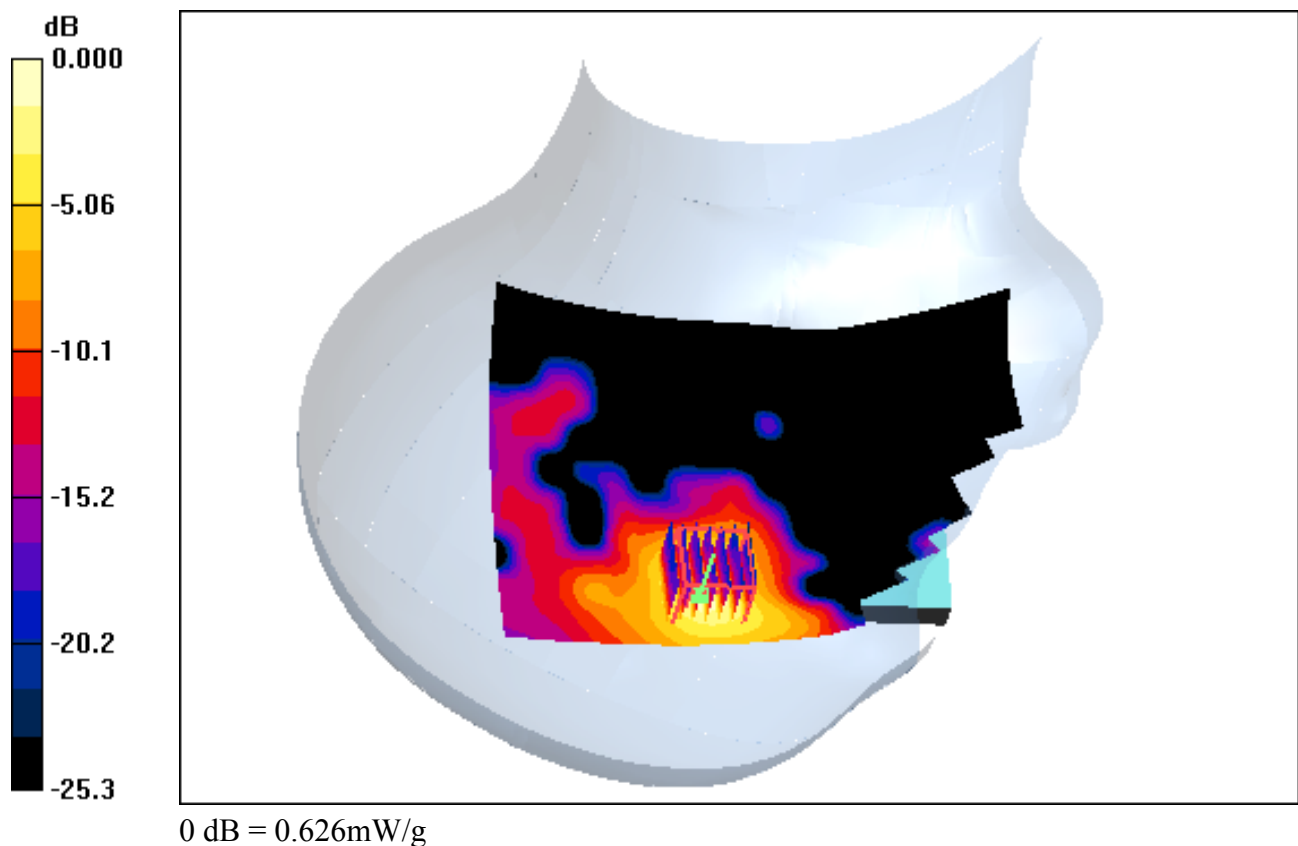
DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Touch, W-LAN(802.11a - 5.3G Band) Ch. 64, Ant Internal, Standard Battery

Area Scan (111x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Power Drift = 0.078 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.121 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5300; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 4.68$ mho/m; $\epsilon_r = 36.9$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Tilt, W-LAN(802.11a - 5.3G Band) Ch. 64, Ant Internal, Standard Battery

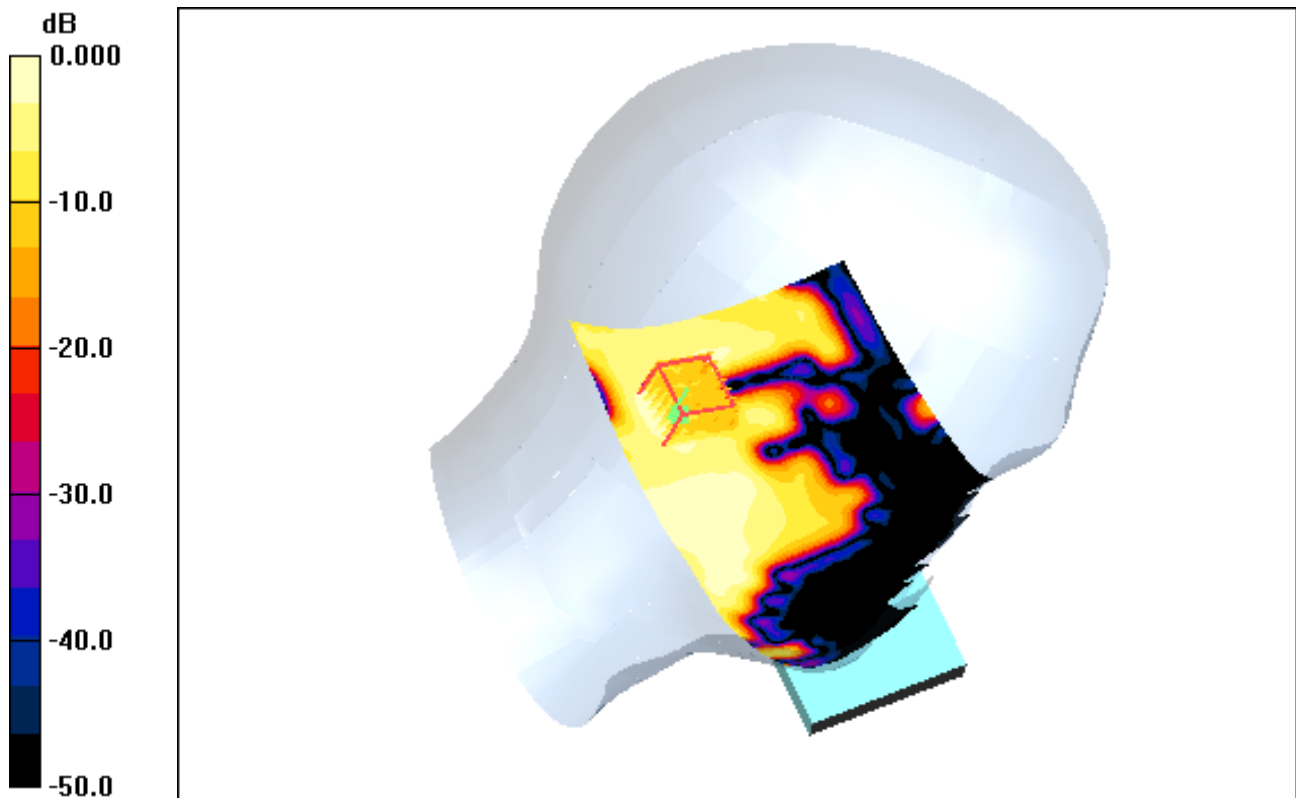
Area Scan (111x181x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.023 mW/g



0 dB = 0.109mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5300; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 4.68$ mho/m; $\epsilon_r = 36.9$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Tilt, W-LAN(802.11a - 5.3G Band) Ch. 64, Ant Internal, Standard Battery

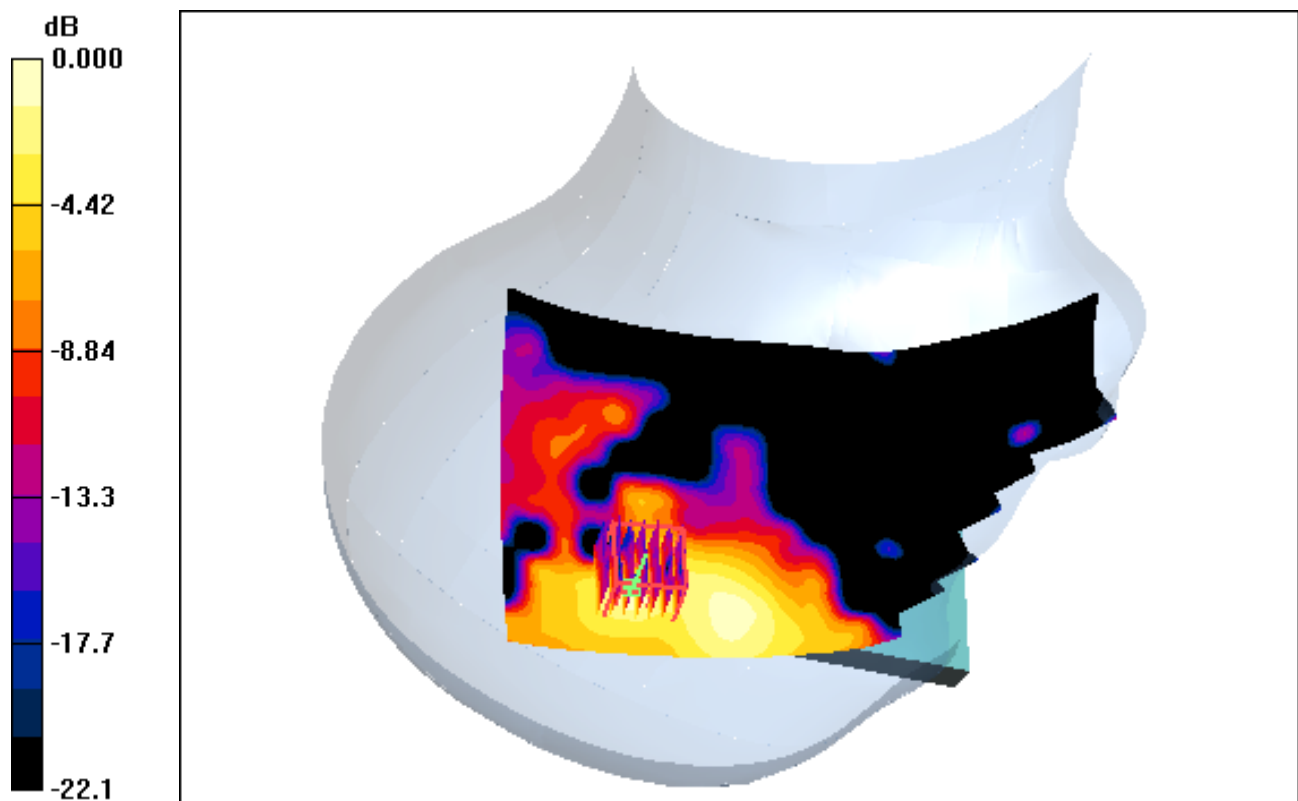
Area Scan (111x181x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.032 mW/g



0 dB = 0.170mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5300; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 4.68$ mho/m; $\epsilon_r = 36.9$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Touch, W-LAN(802.11a - 5.3G Band) Ch. 64, Ant Internal, Standard Battery

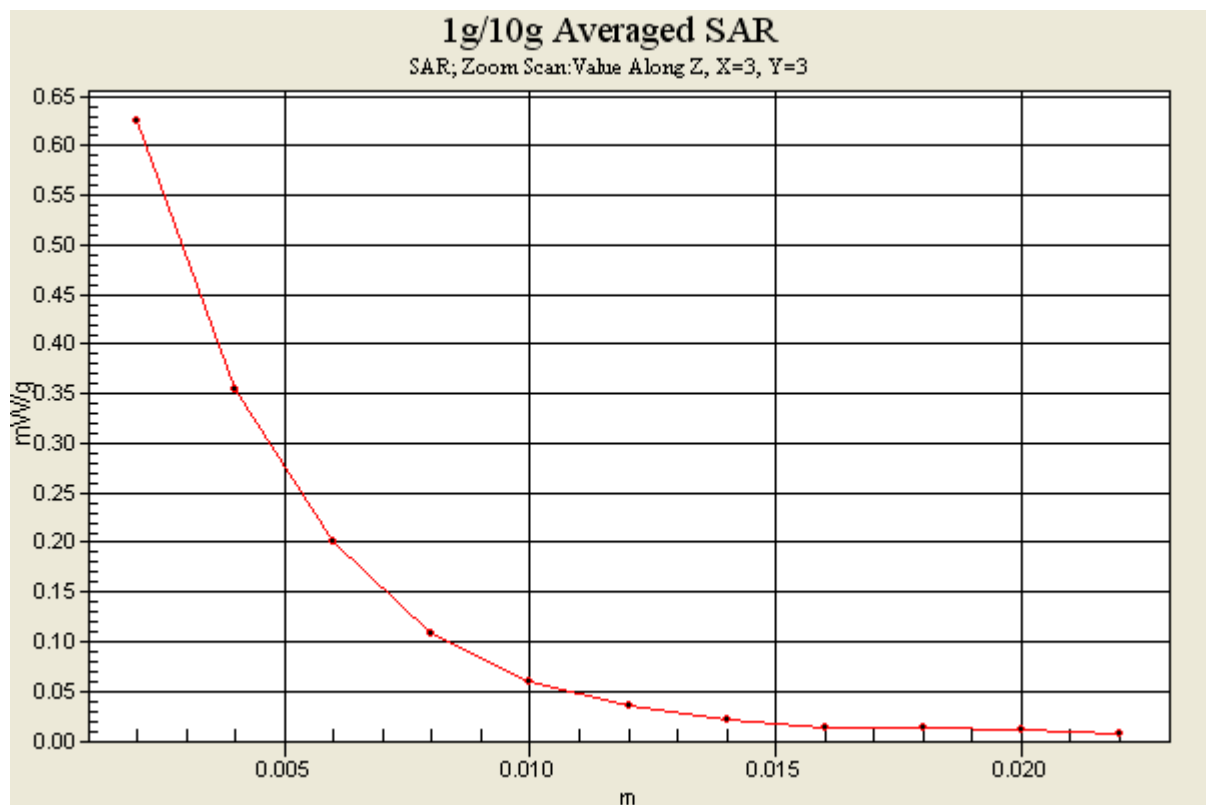
Area Scan (111x161x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.078 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.121 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5500; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 4.88$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.68, 4.68, 4.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Touch, W-LAN(802.11a - 5.6G Band) Ch. 100, Ant Internal, Standard Battery

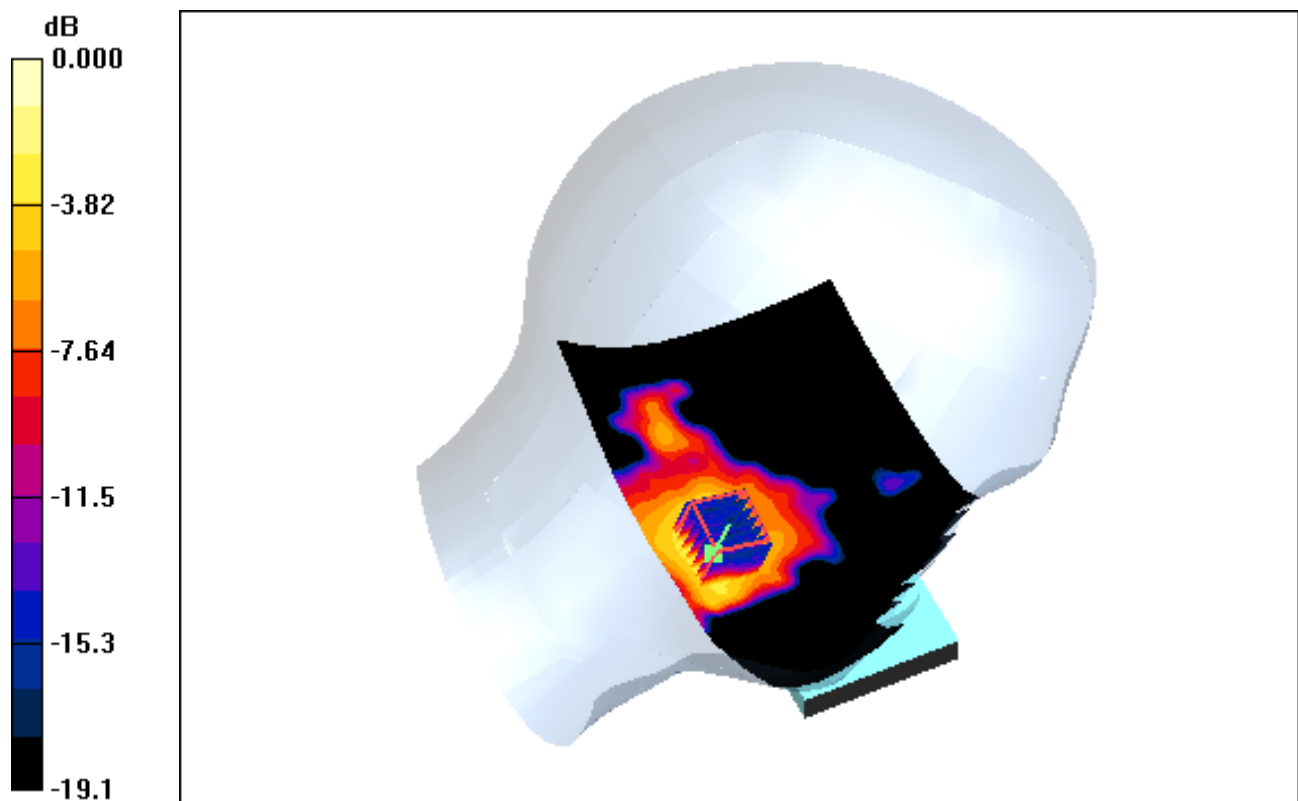
Area Scan (111x181x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.086 mW/g



0 dB = 0.398mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5500; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 4.88$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³
Phantom section: Right Section

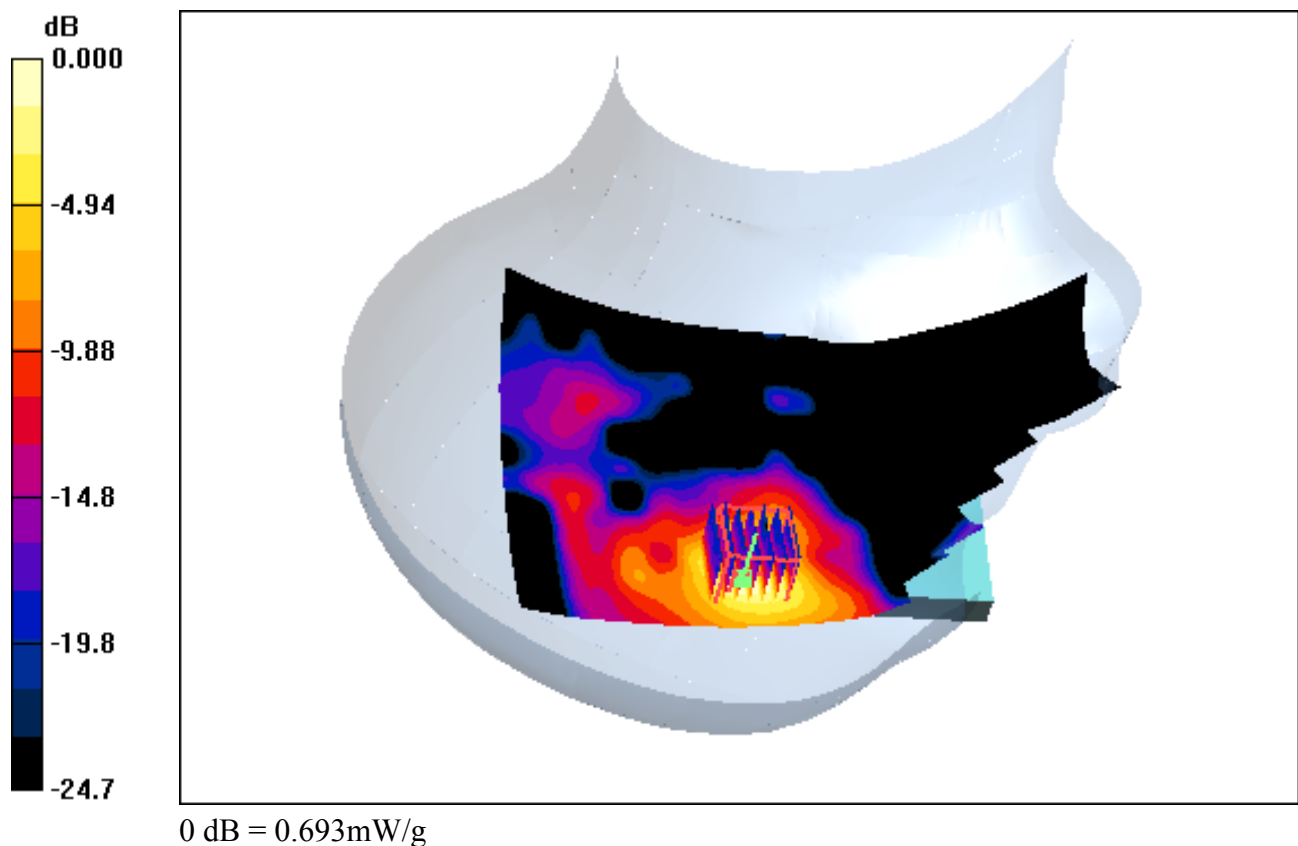
DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.68, 4.68, 4.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Touch, W-LAN(802.11a - 5.6G Band) Ch. 100, Ant Internal, Standard Battery

Area Scan (111x181x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.069 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.135 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5500; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 4.88$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.68, 4.68, 4.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Tilt, W-LAN(802.11a - 5.6G Band) Ch. 100, Ant Internal, Standard Battery

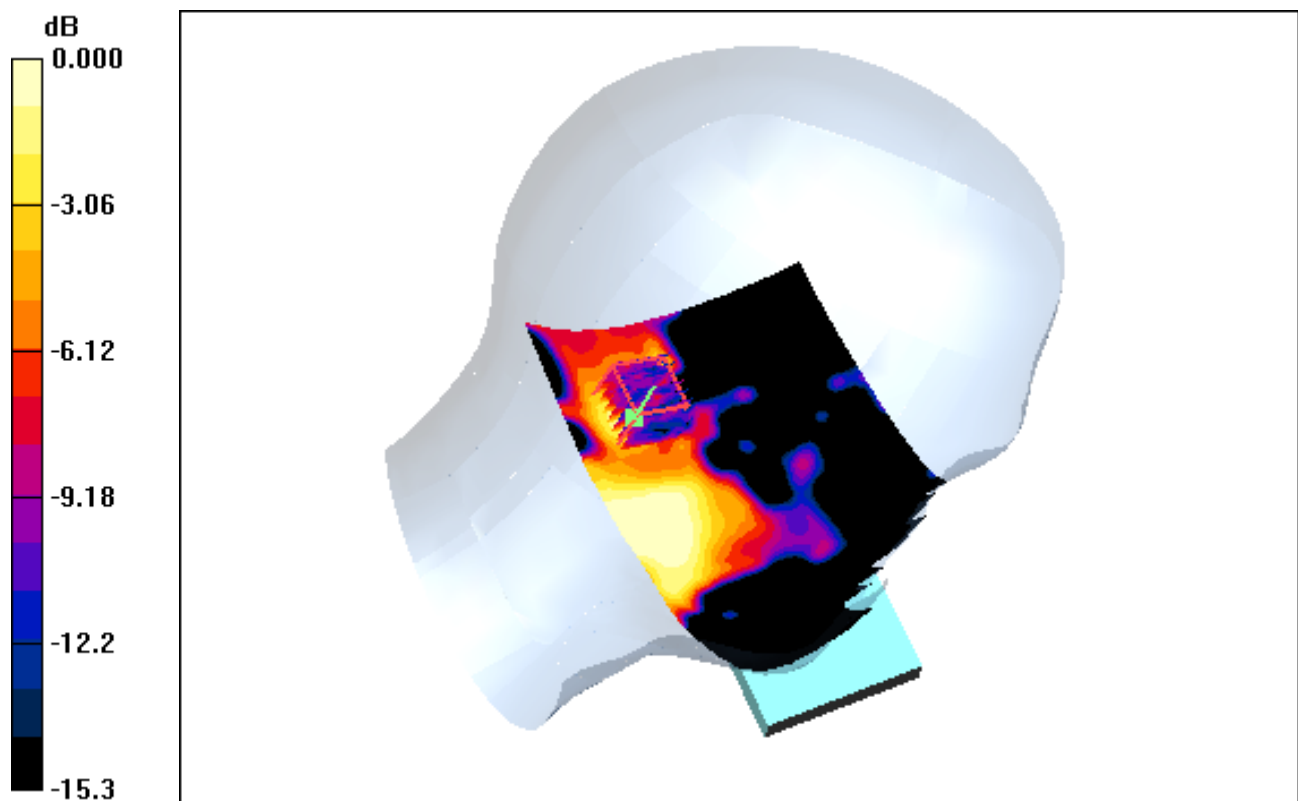
Area Scan (111x181x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.024 mW/g



0 dB = 0.099mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5500; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 4.88$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.68, 4.68, 4.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Tilt, W-LAN(802.11a - 5.6G Band) Ch. 100, Ant Internal, Standard Battery

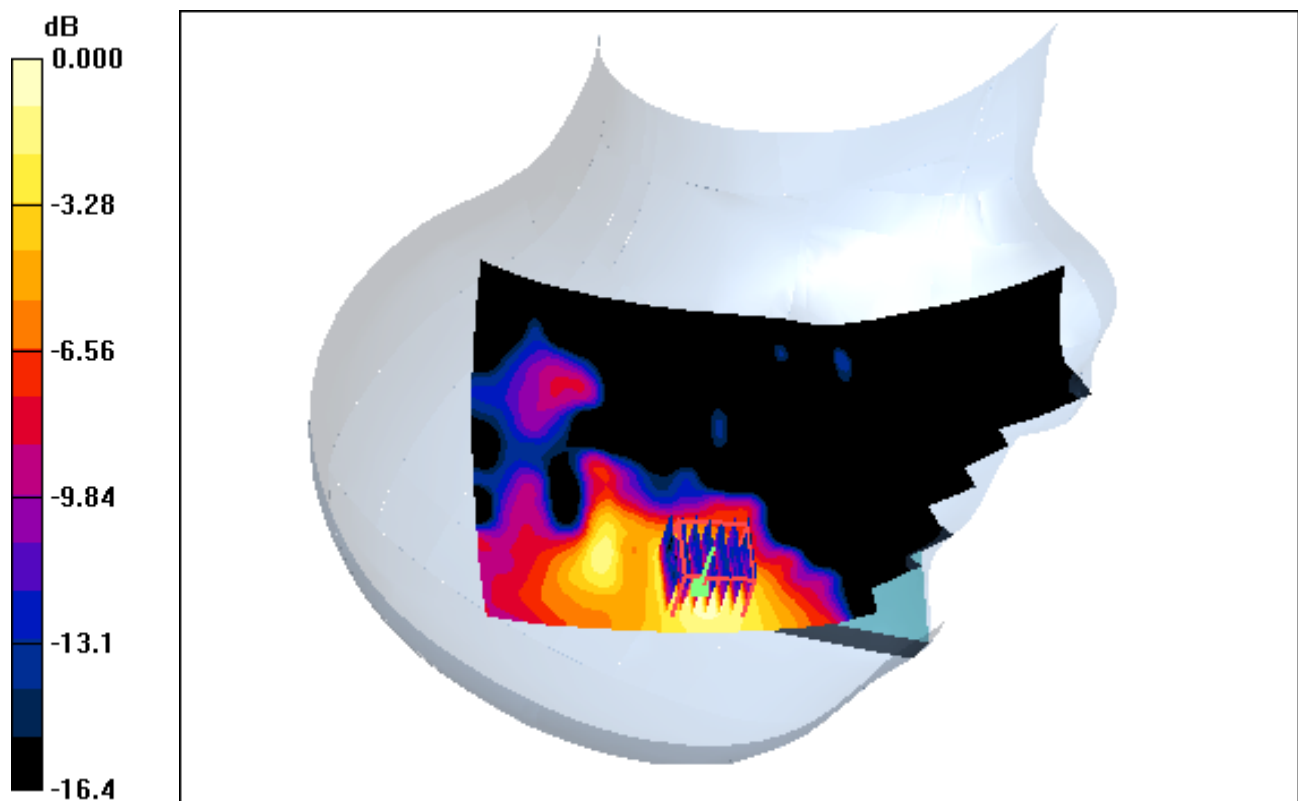
Area Scan (111x181x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.047 mW/g



0 dB = 0.181mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5500; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 4.88$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.68, 4.68, 4.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-26; Ambient Temp: 21.9; Tissue Temp: 22.3

Right Touch, W-LAN(802.11a - 5.6G Band) Ch. 100, Ant Internal, Standard Battery

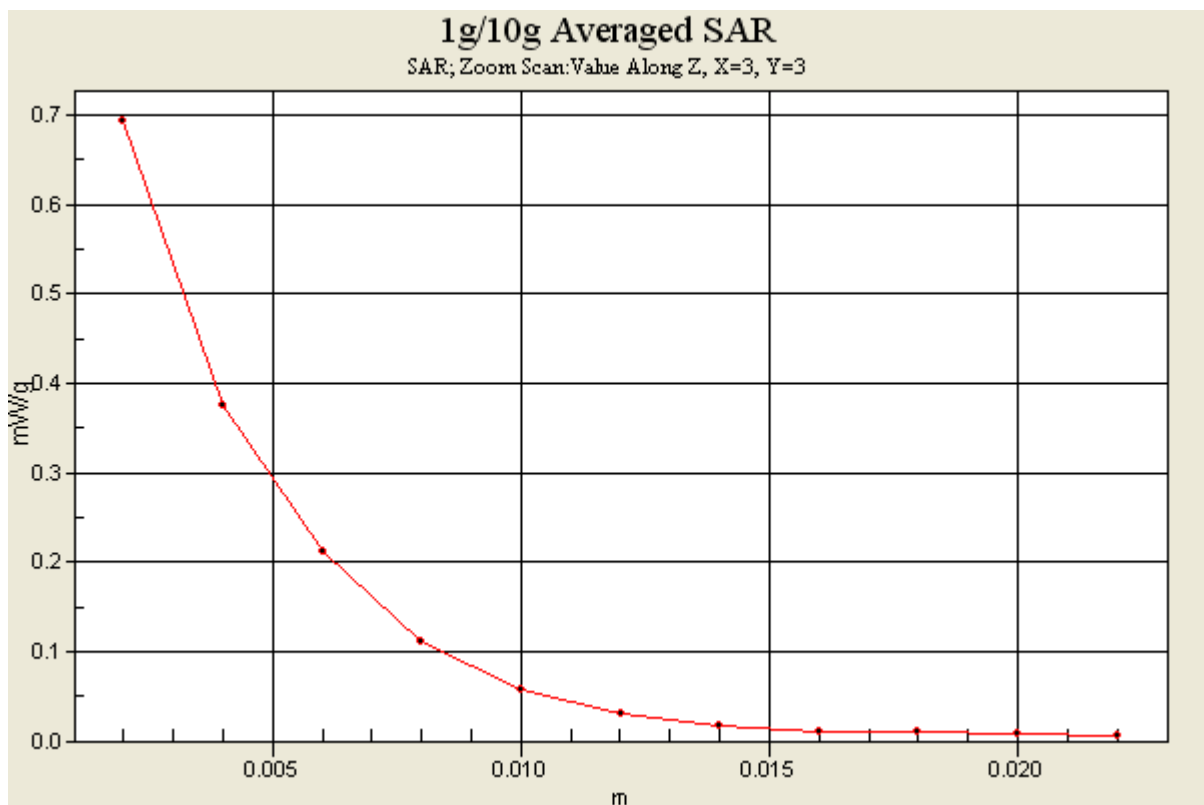
Area Scan (111x181x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.069 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.135 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

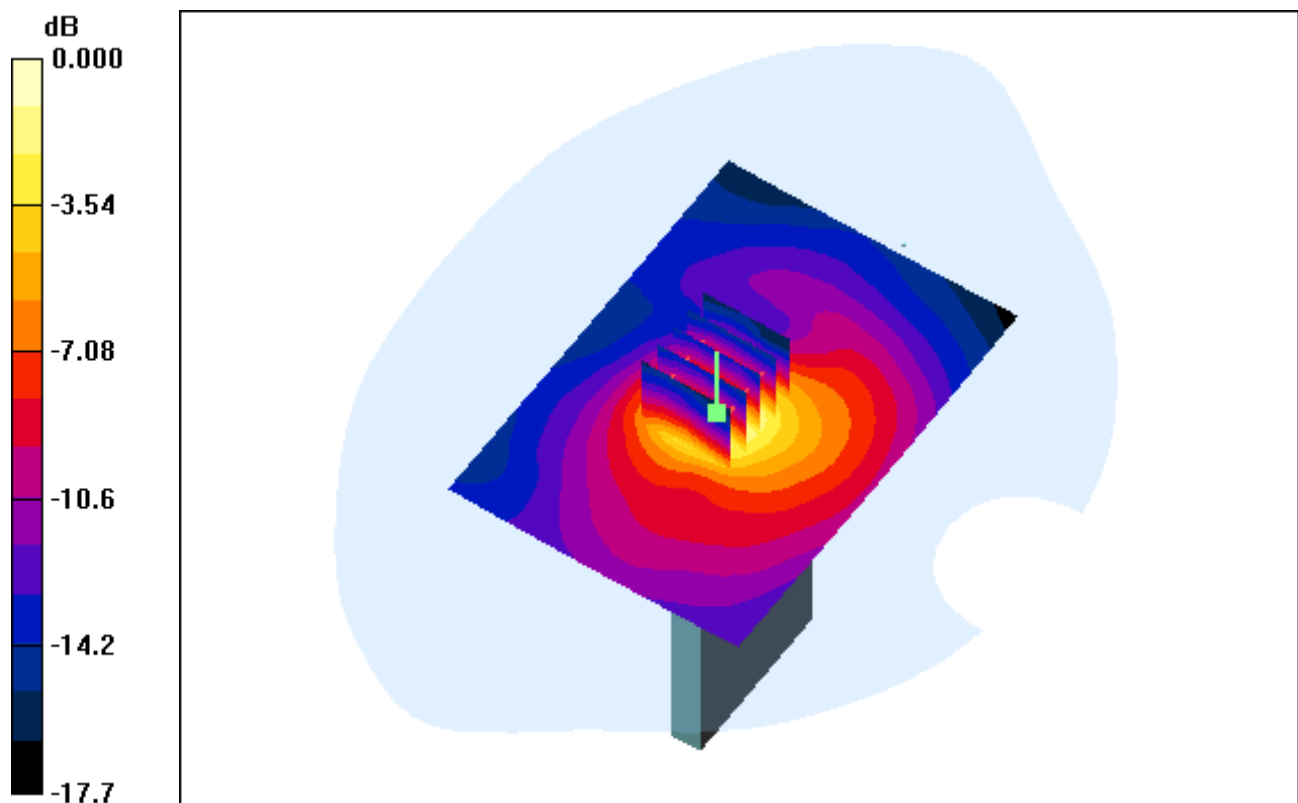
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.062 mW/g



0 dB = 0.171 mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

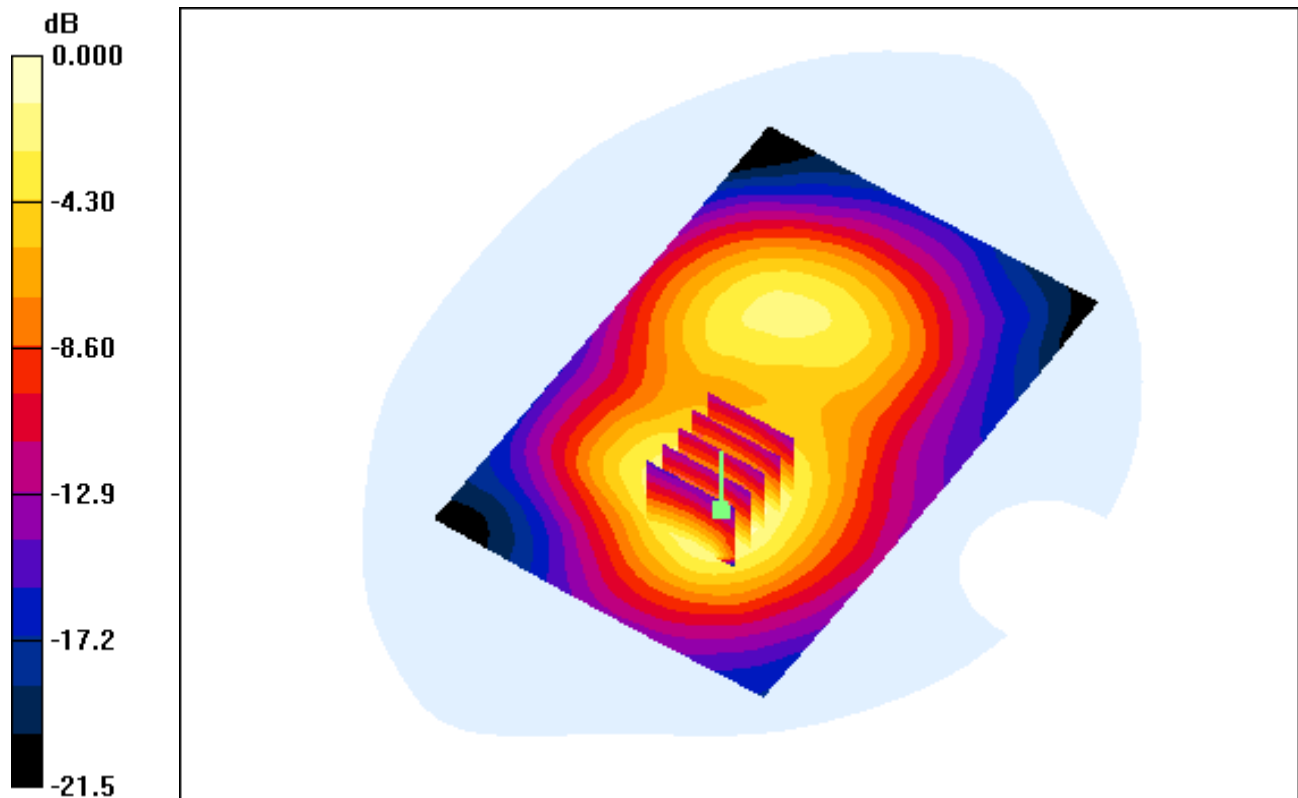
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.129 mW/g



0 dB = 0.275mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

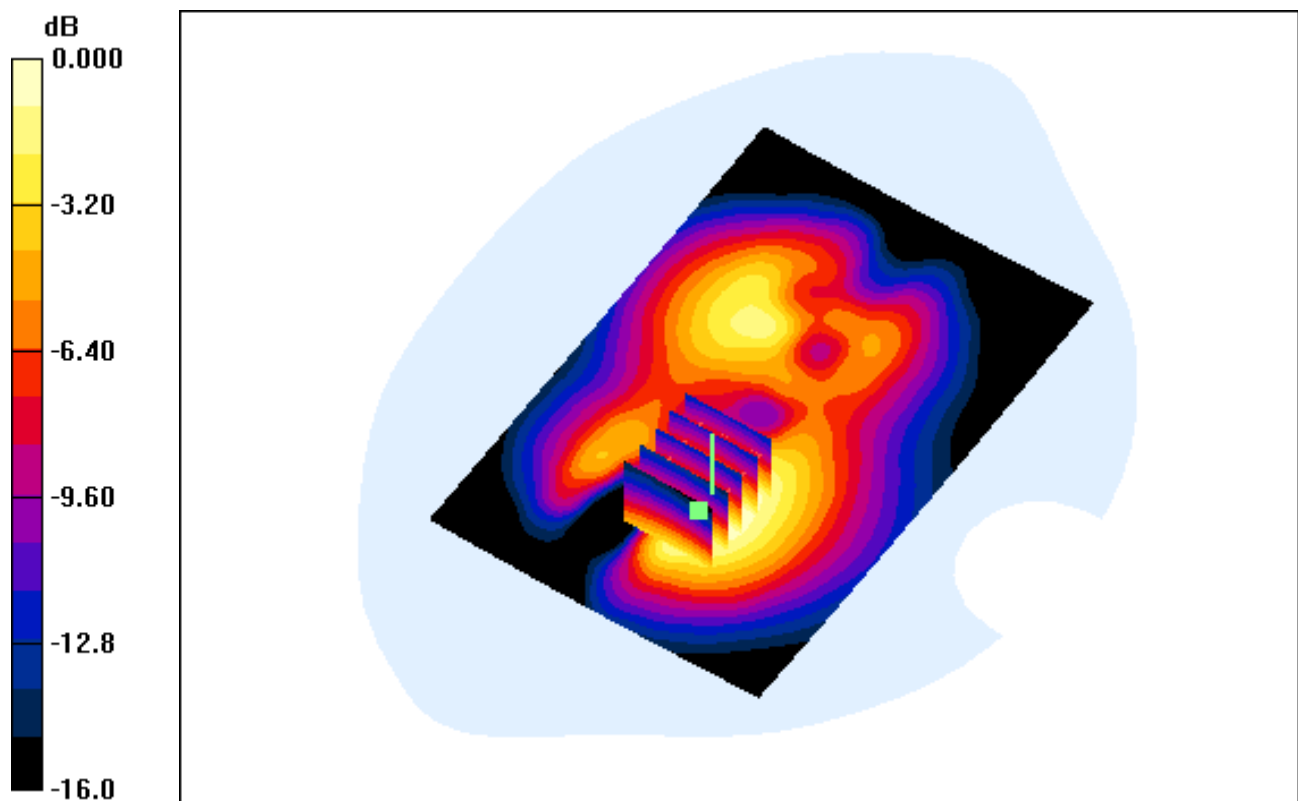
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.135 mW/g



0 dB = 0.281mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

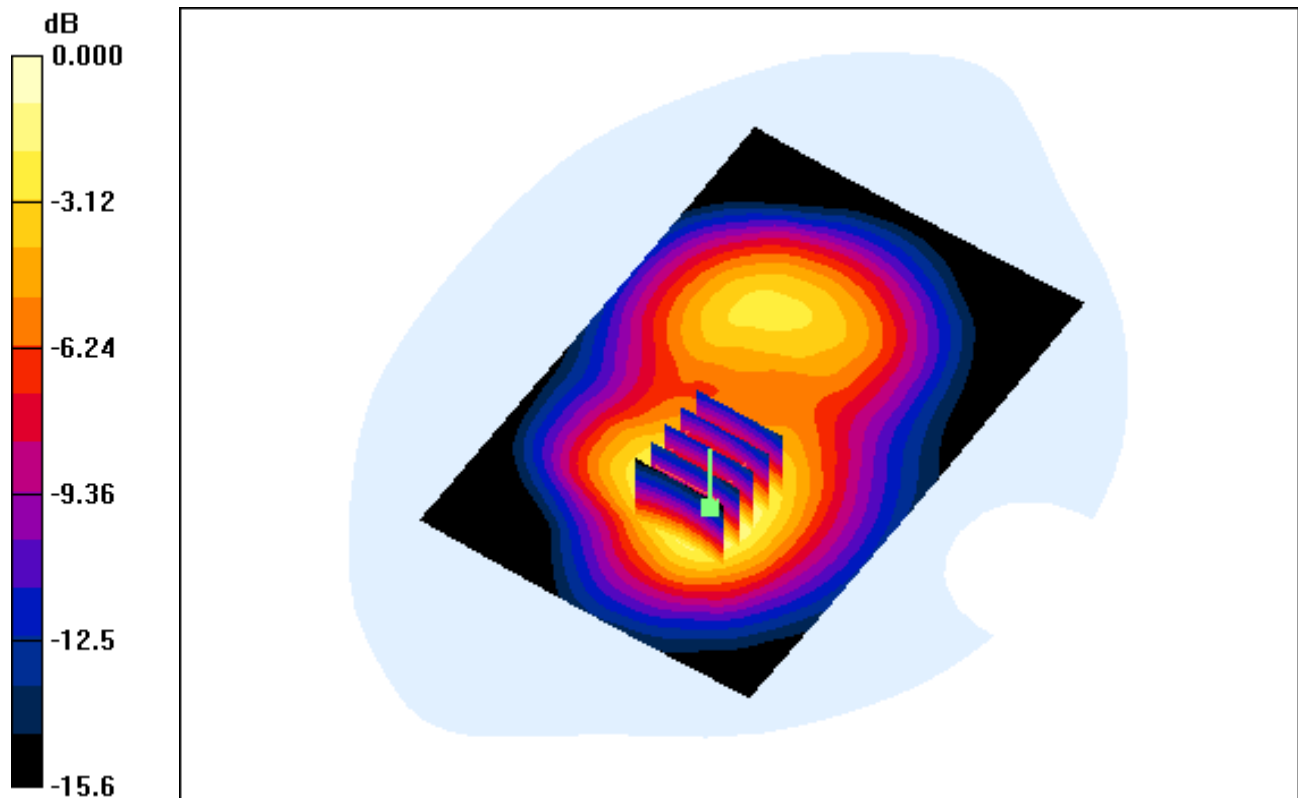
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.143 mW/g



0 dB = 0.307mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

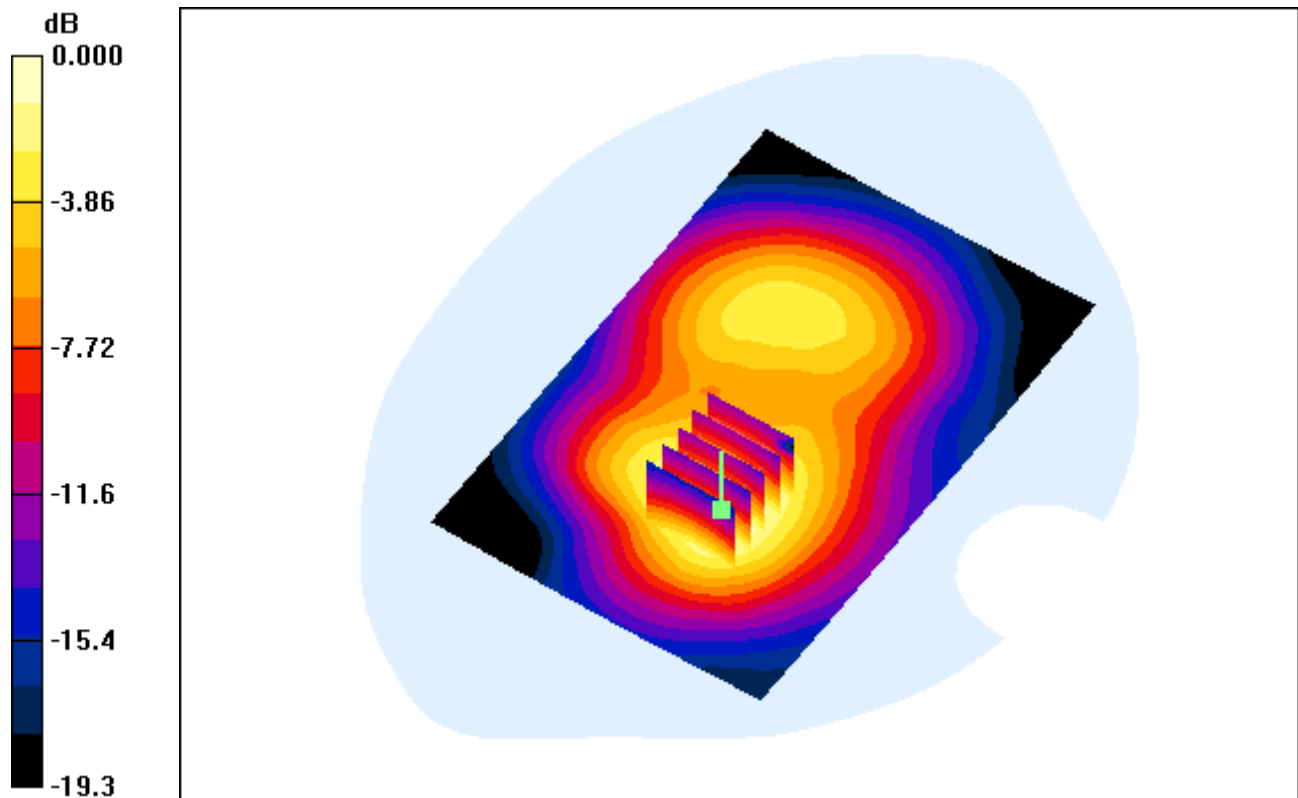
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.158 mW/g



0 dB = 0.338mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

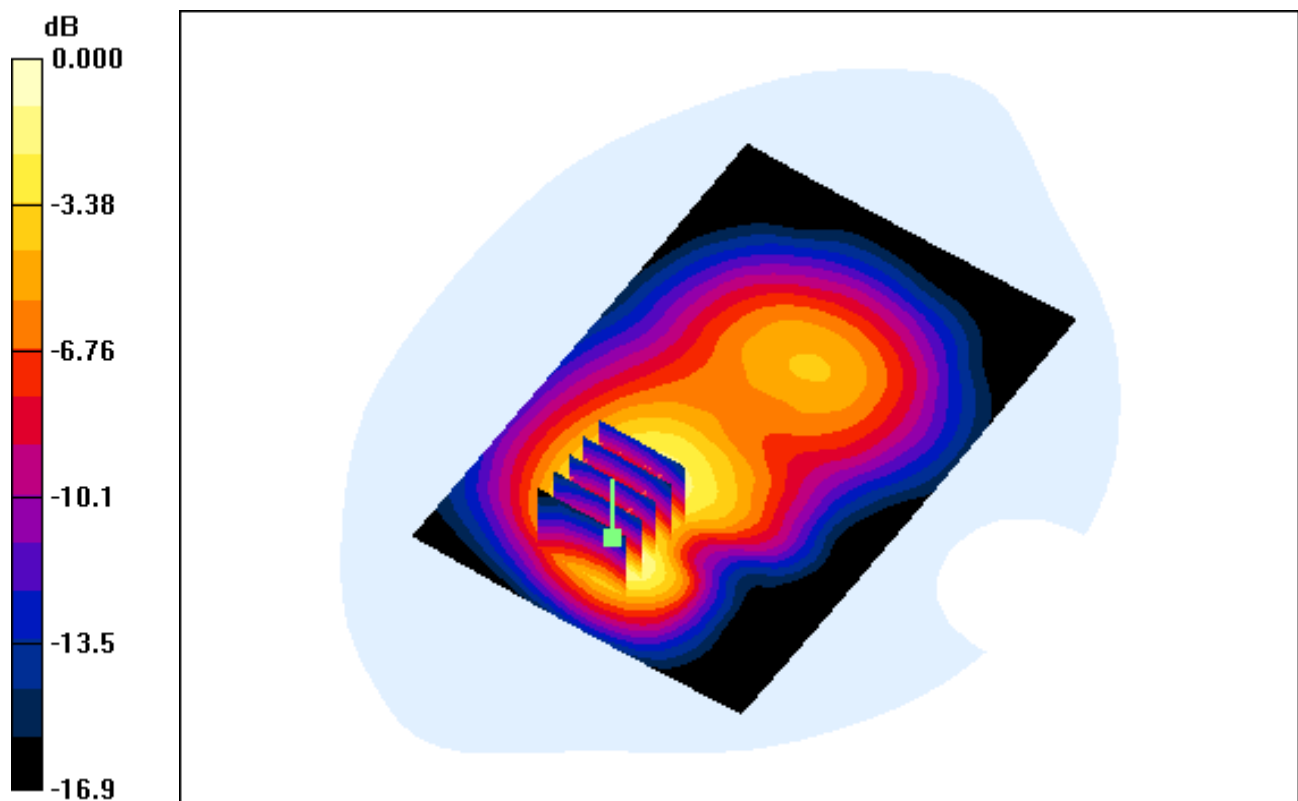
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.104 mW/g



0 dB = 0.249mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

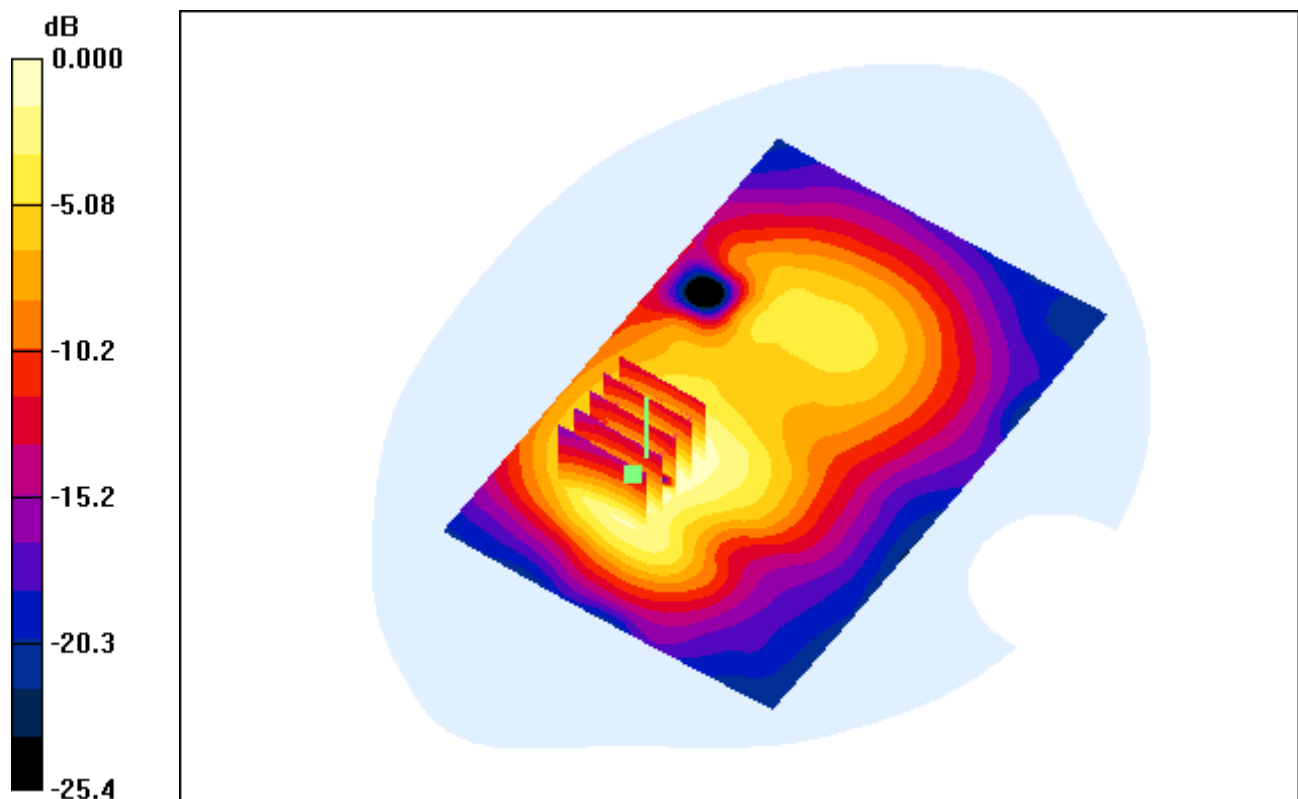
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.134 mW/g



0 dB = 0.308mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

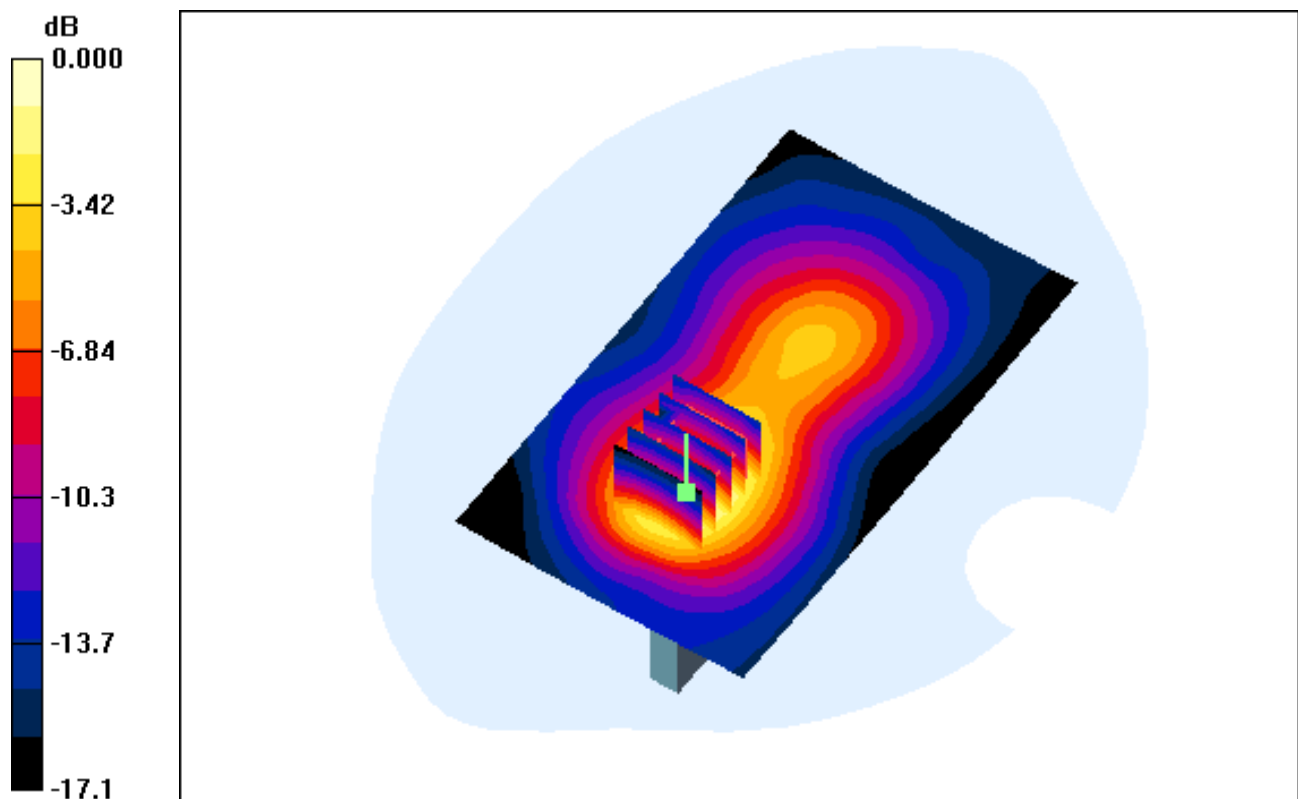
Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.141 mW/g



0 dB = 0.334mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

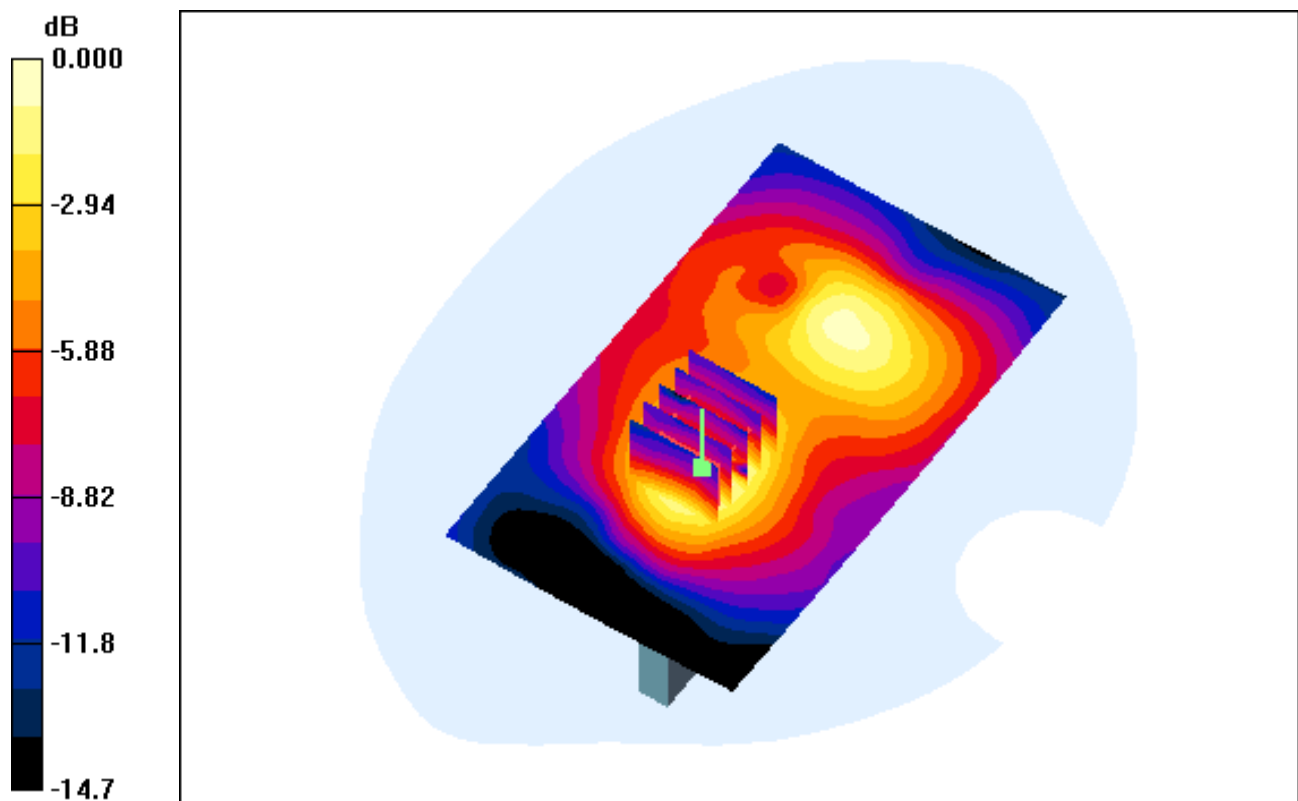
Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.195 dB

Peak SAR (extrapolated) = 0.065 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.025 mW/g



0 dB = 0.054mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.68, 7.68, 7.68); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-24; Ambient Temp: 22.2; Tissue Temp: 22.5

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

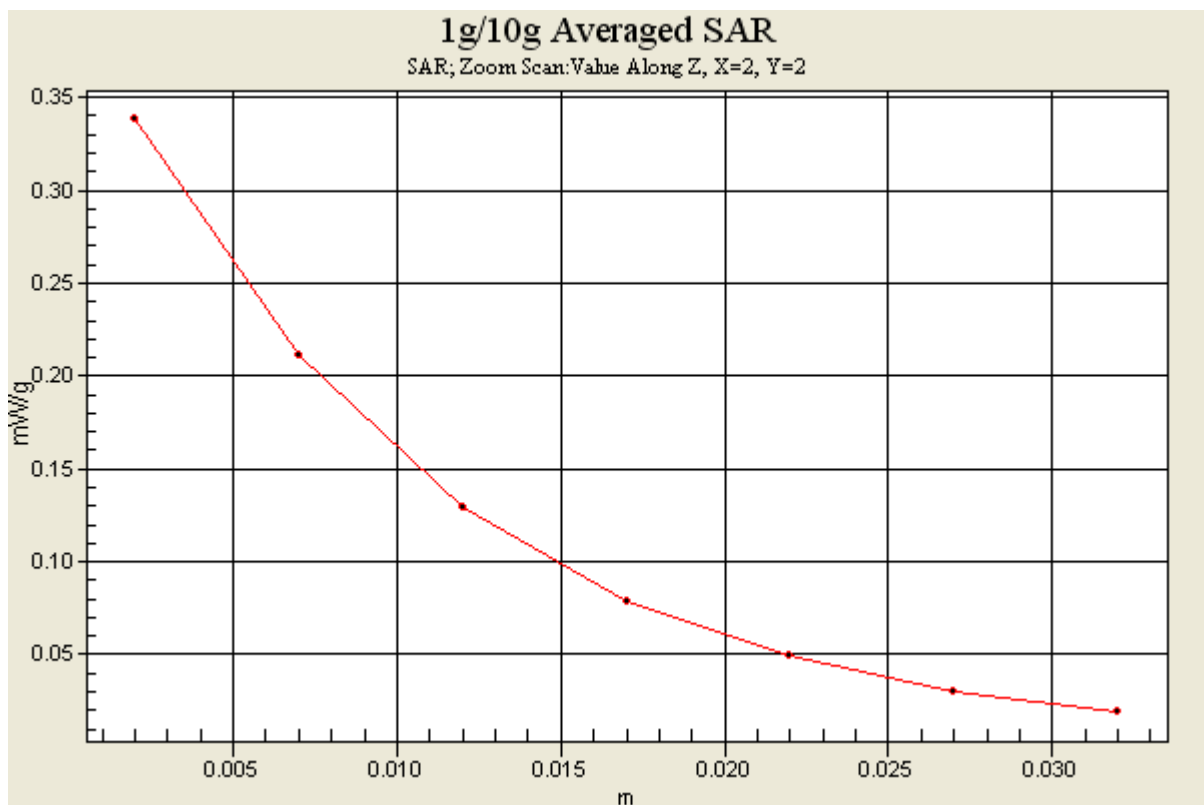
Area Scan (81x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.158 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

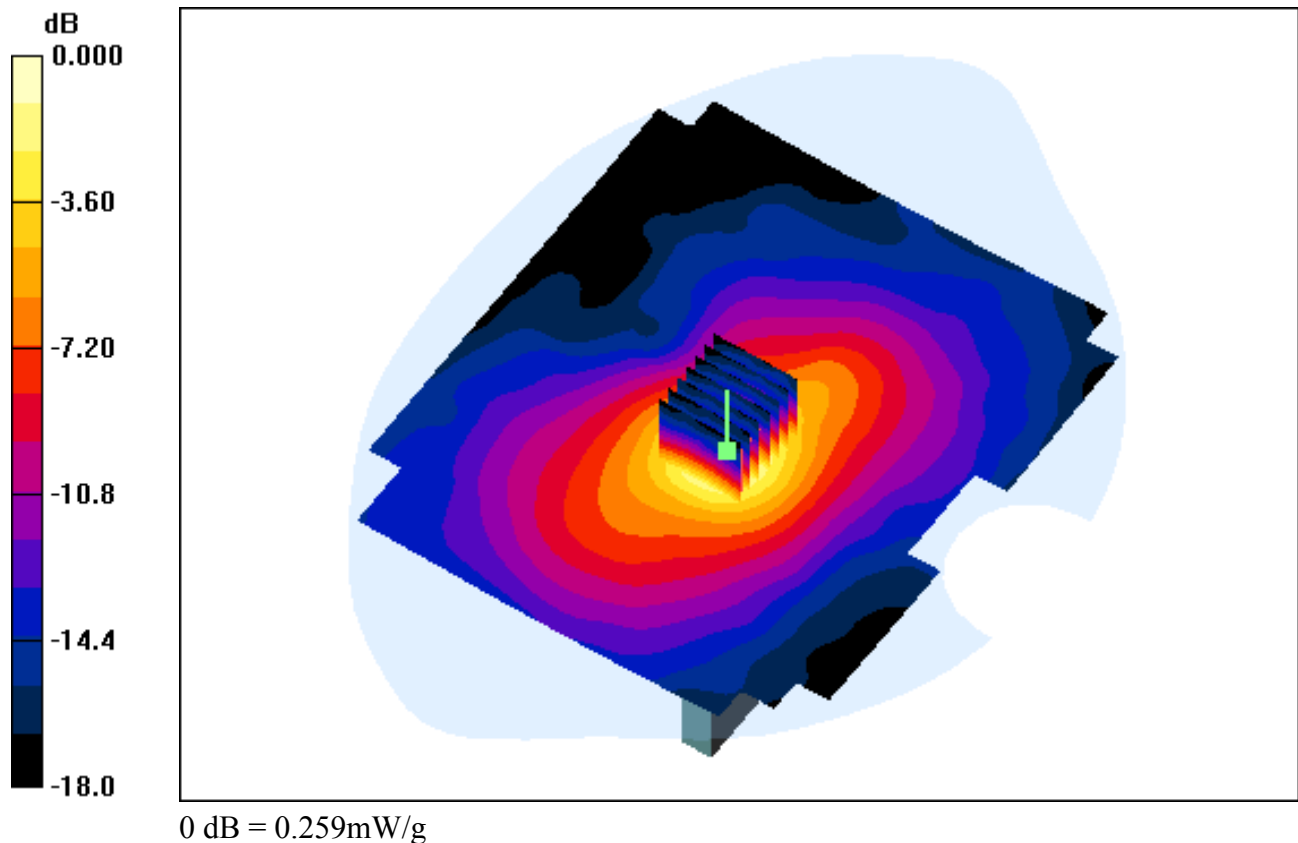
DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.33, 7.33, 7.33); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

Area Scan (141x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.089 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.33, 7.33, 7.33); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

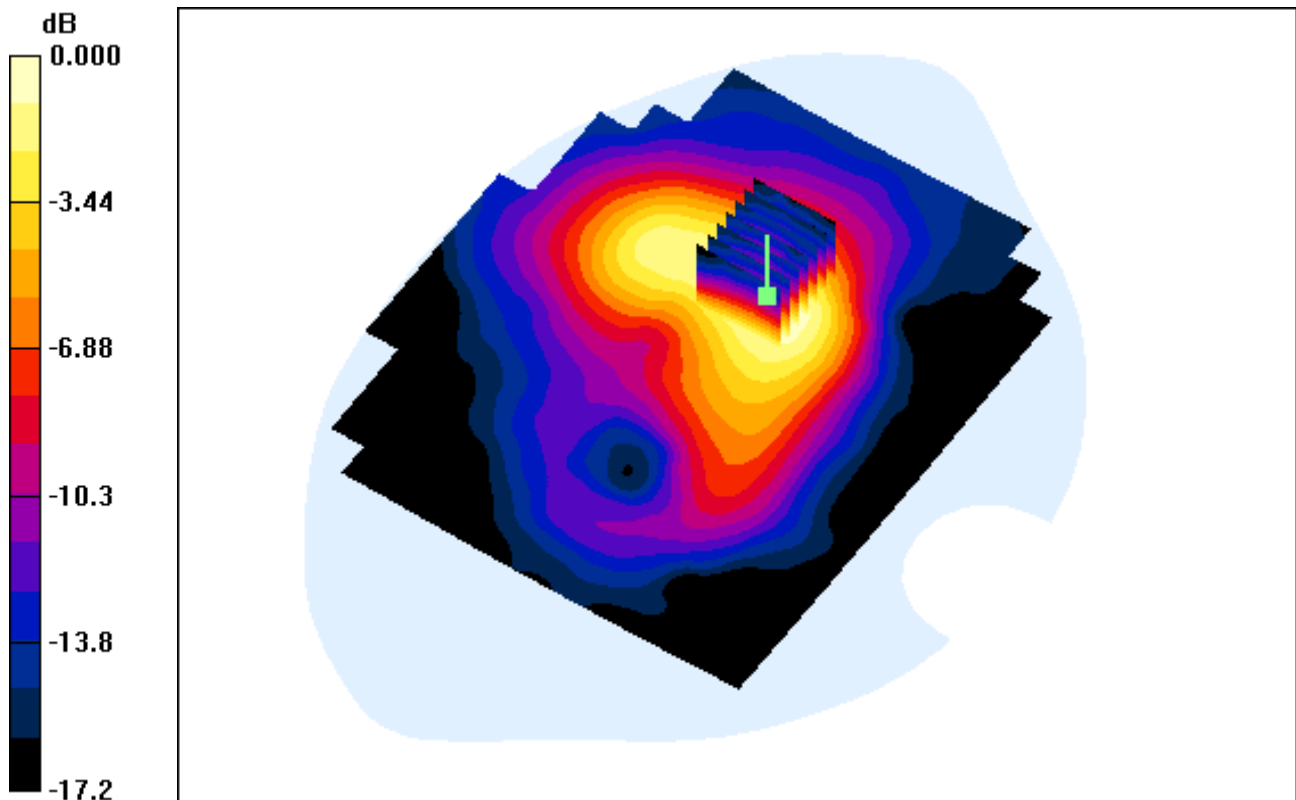
Area Scan (141x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.089 mW/g



0 dB = 0.226mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

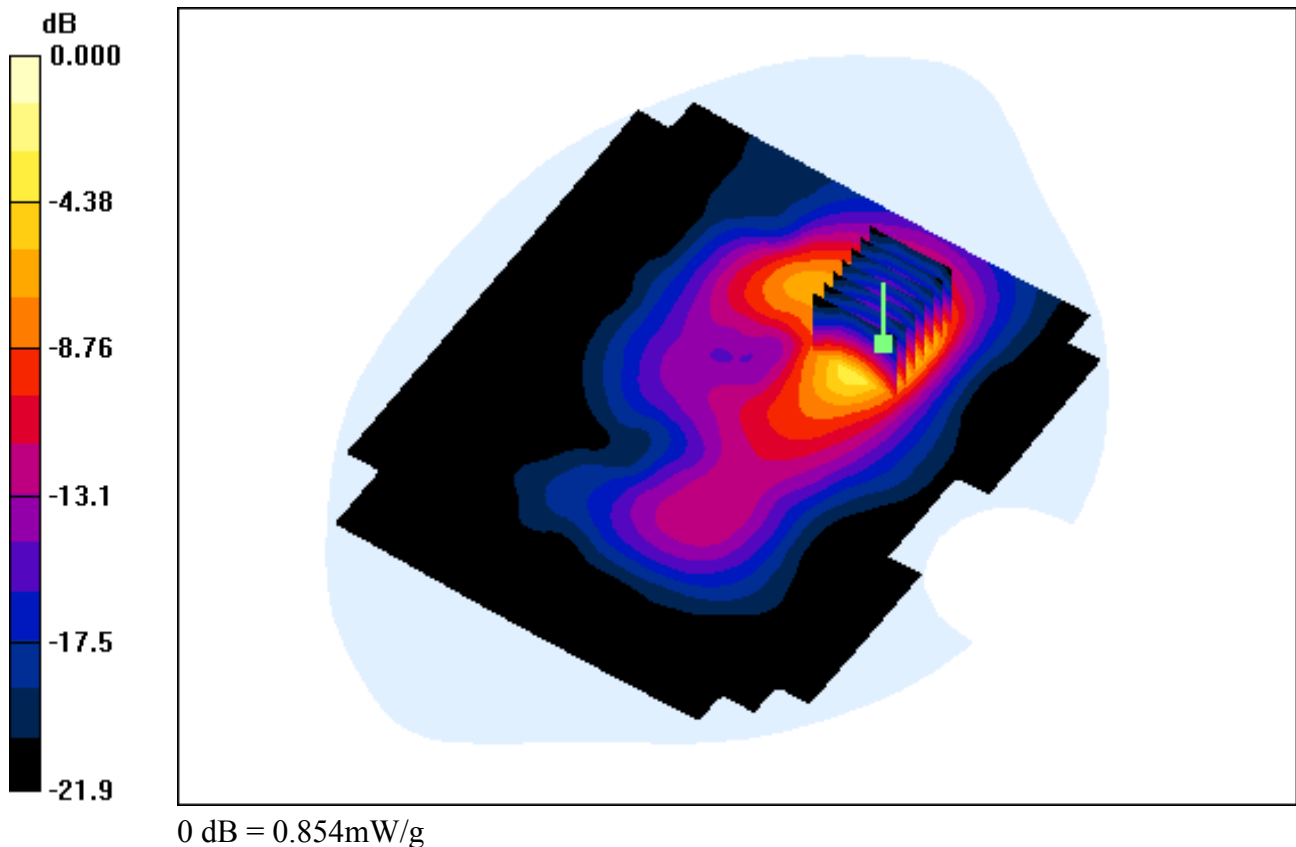
DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.33, 7.33, 7.33); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

Area Scan (141x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.032 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.224 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.33, 7.33, 7.33); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

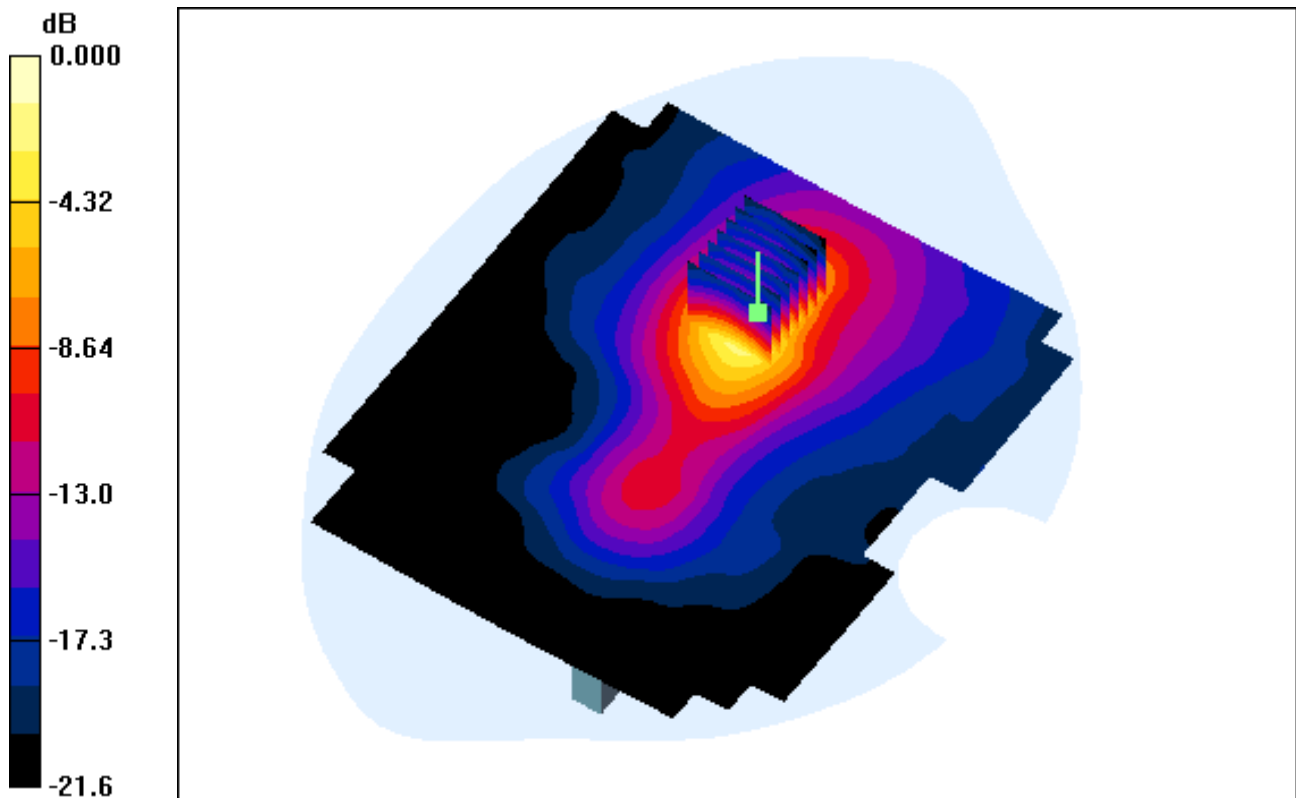
Area Scan (141x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.830 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.171 mW/g



0 dB = 0.586mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

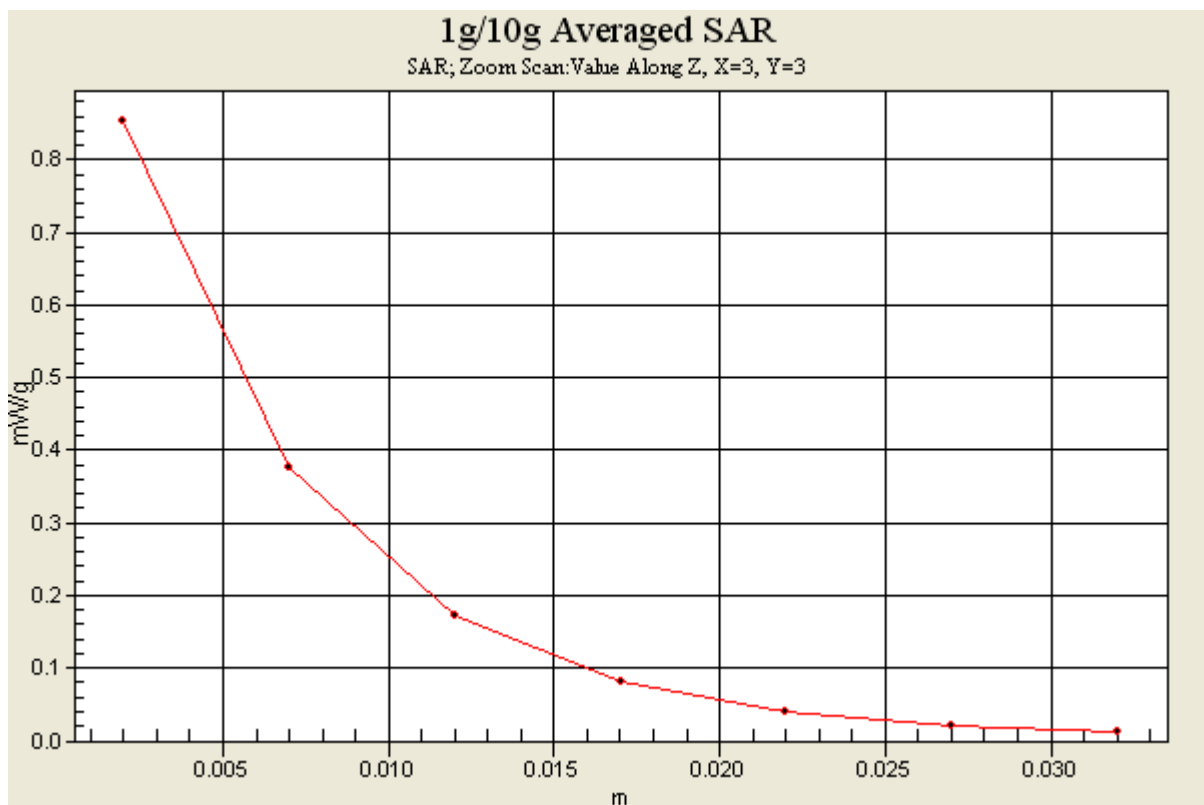
DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.33, 7.33, 7.33); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-25; Ambient Temp: 22.1; Tissue Temp: 22.6

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

Area Scan (141x161x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Power Drift = 0.032 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.224 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5200; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.15$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.48, 4.48, 4.48); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-27; Ambient Temp: 22.5; Tissue Temp: 22.8

1 cm space from Body, Rear, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal

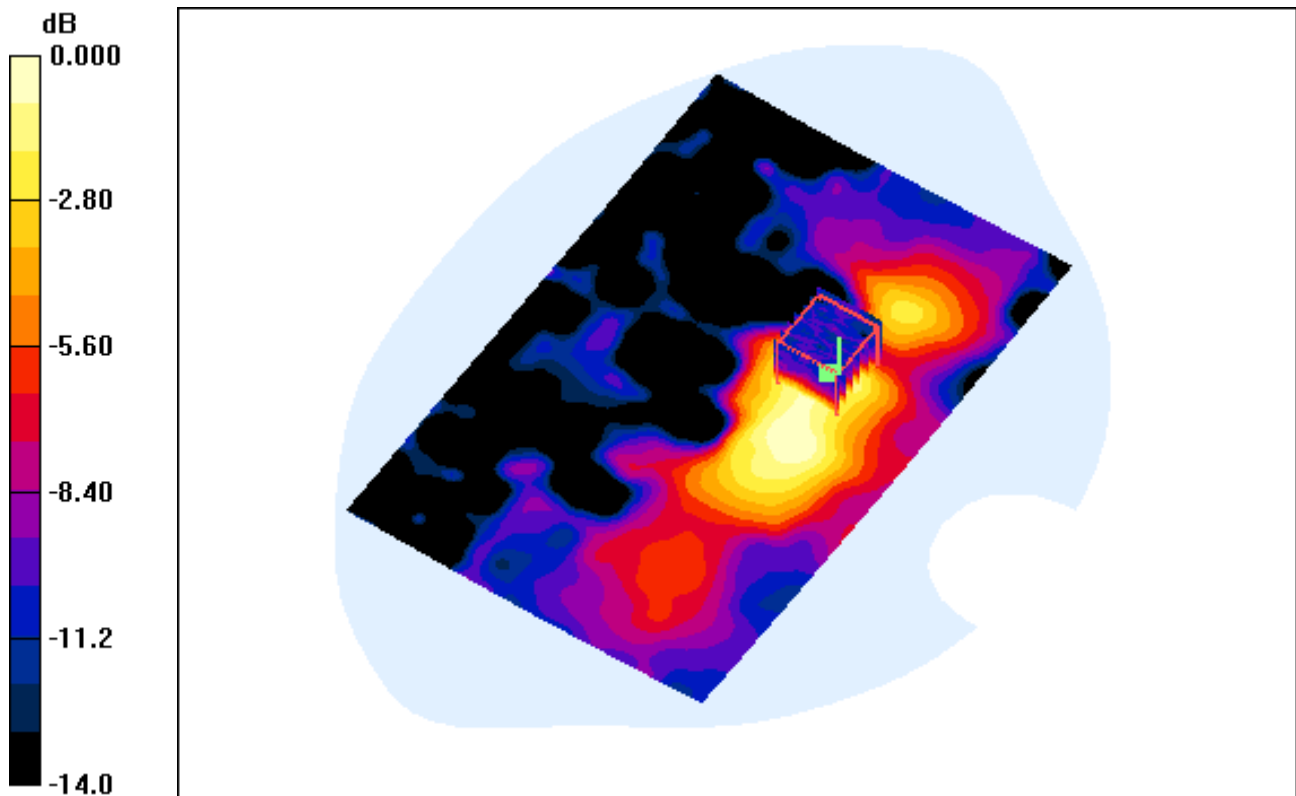
Area Scan (131x201x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.037 mW/g



0 dB = 0.135mW/g

DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5200; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.15$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.48, 4.48, 4.48); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-27; Ambient Temp: 22.5; Tissue Temp: 22.8

1 cm space from Body, Rear, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal

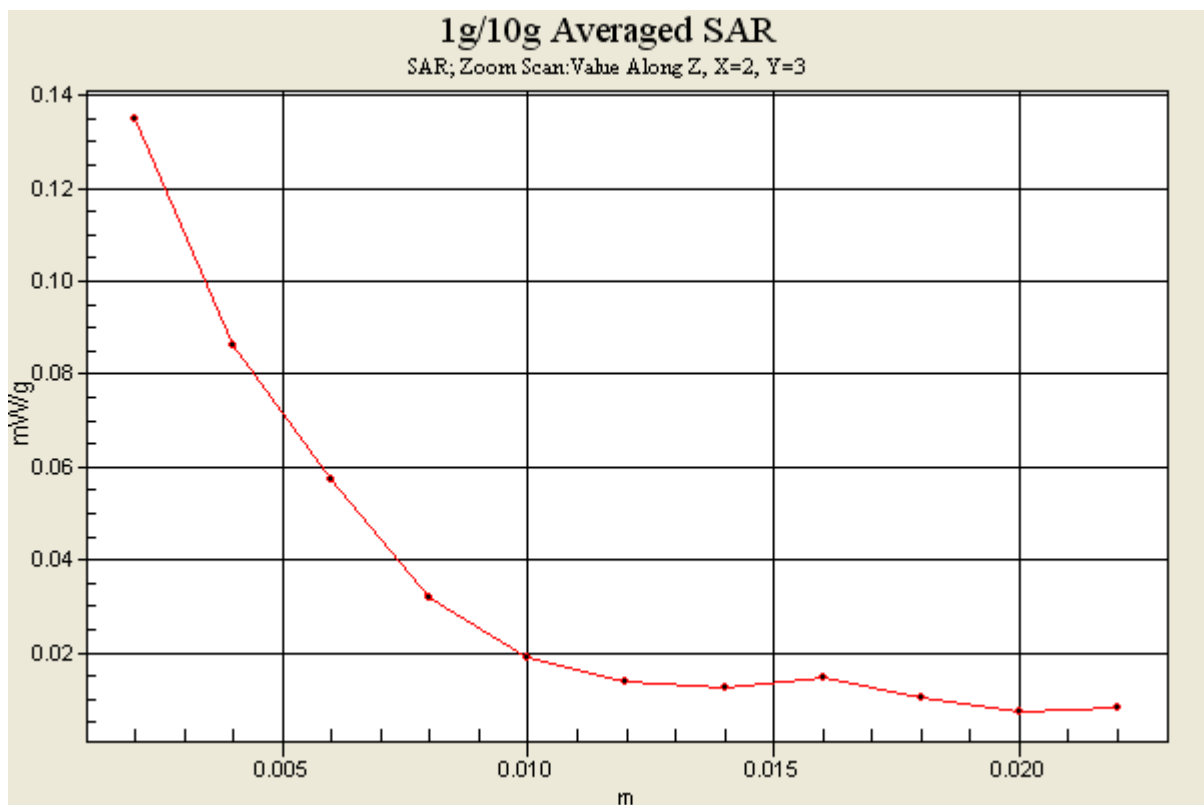
Area Scan (131x201x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.037 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5300; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

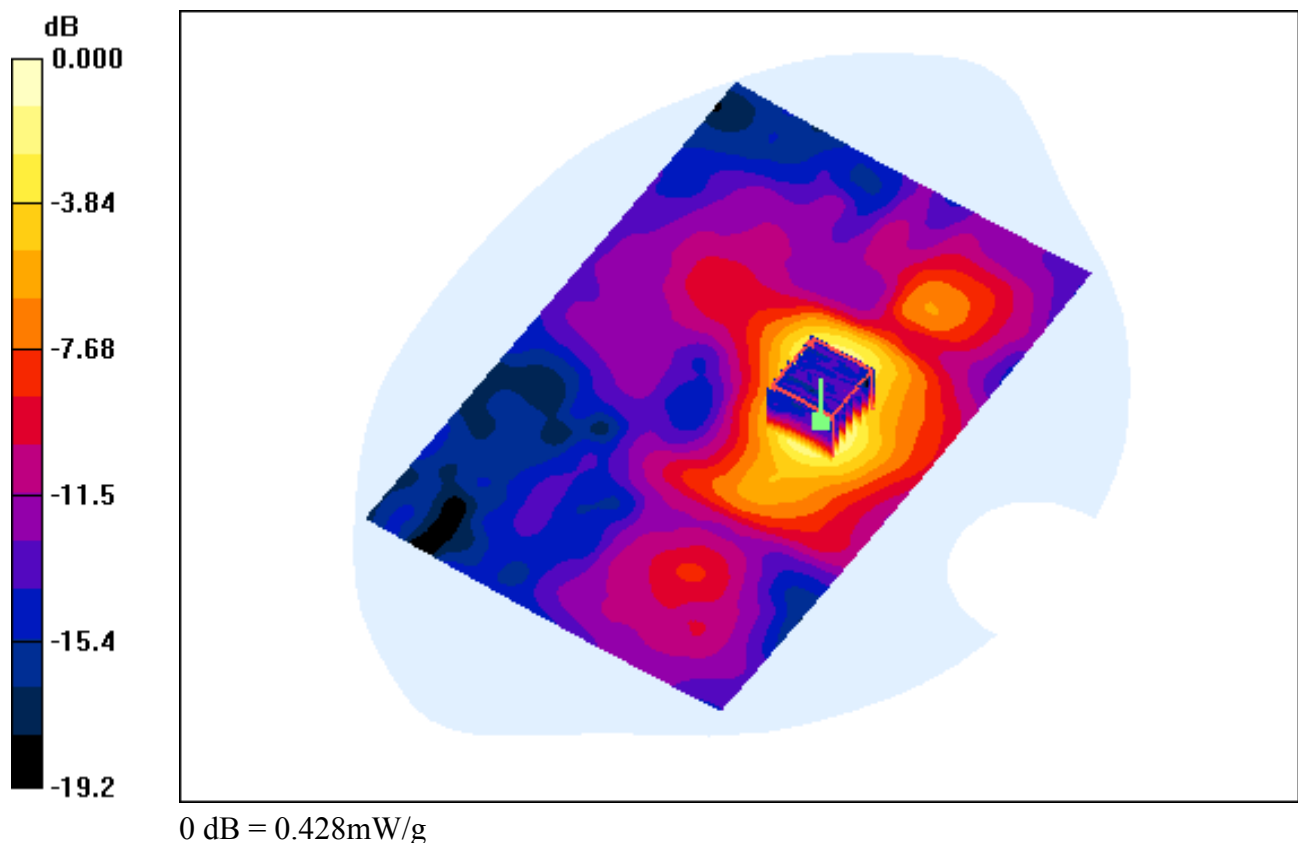
DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.19, 4.19, 4.19); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-27; Ambient Temp: 22.5; Tissue Temp: 22.8

1 cm space from Body, Rear, W-LAN(802.11a - 5.3G Band) Ch. 64, Ant Internal

Area Scan (131x201x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.822 W/kg
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.103 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5300; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.19, 4.19, 4.19); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-27; Ambient Temp: 22.5; Tissue Temp: 22.8

1 cm space from Body, Rear, W-LAN(802.11a - 5.3G Band) Ch. 64, Ant Internal

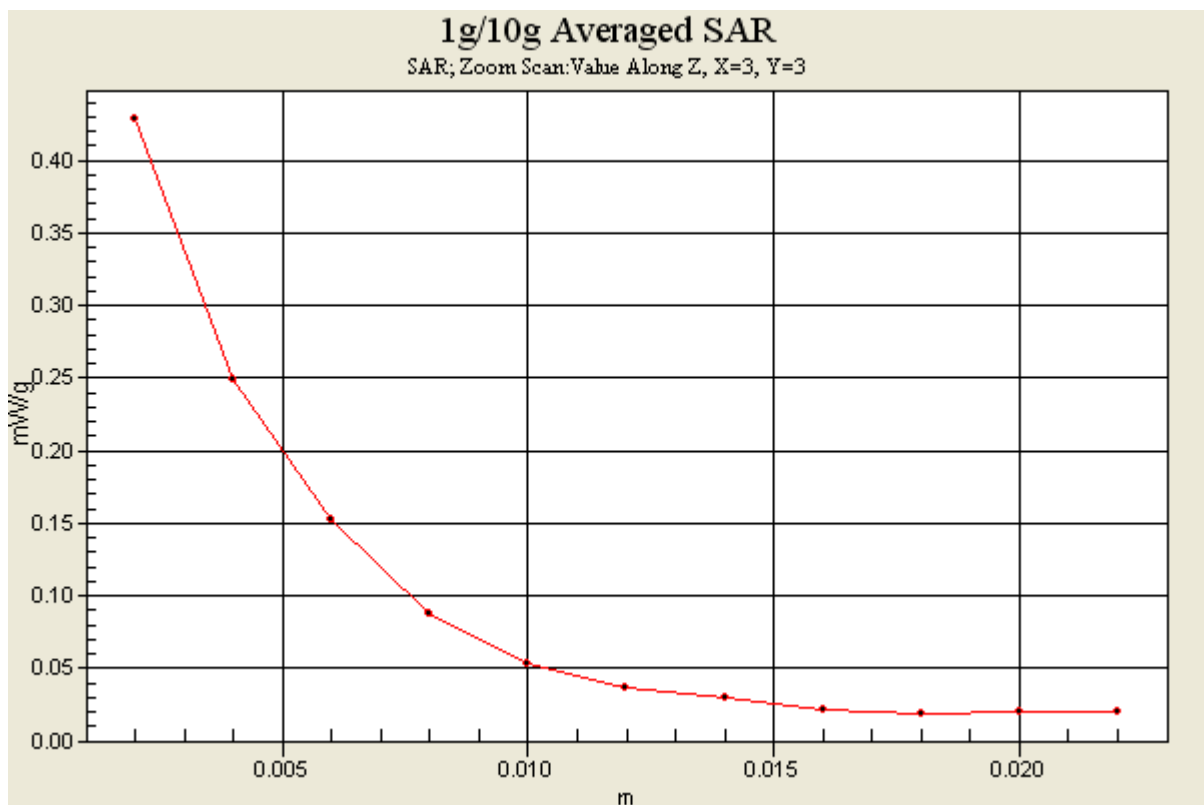
Area Scan (131x201x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.103 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5500; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.57$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

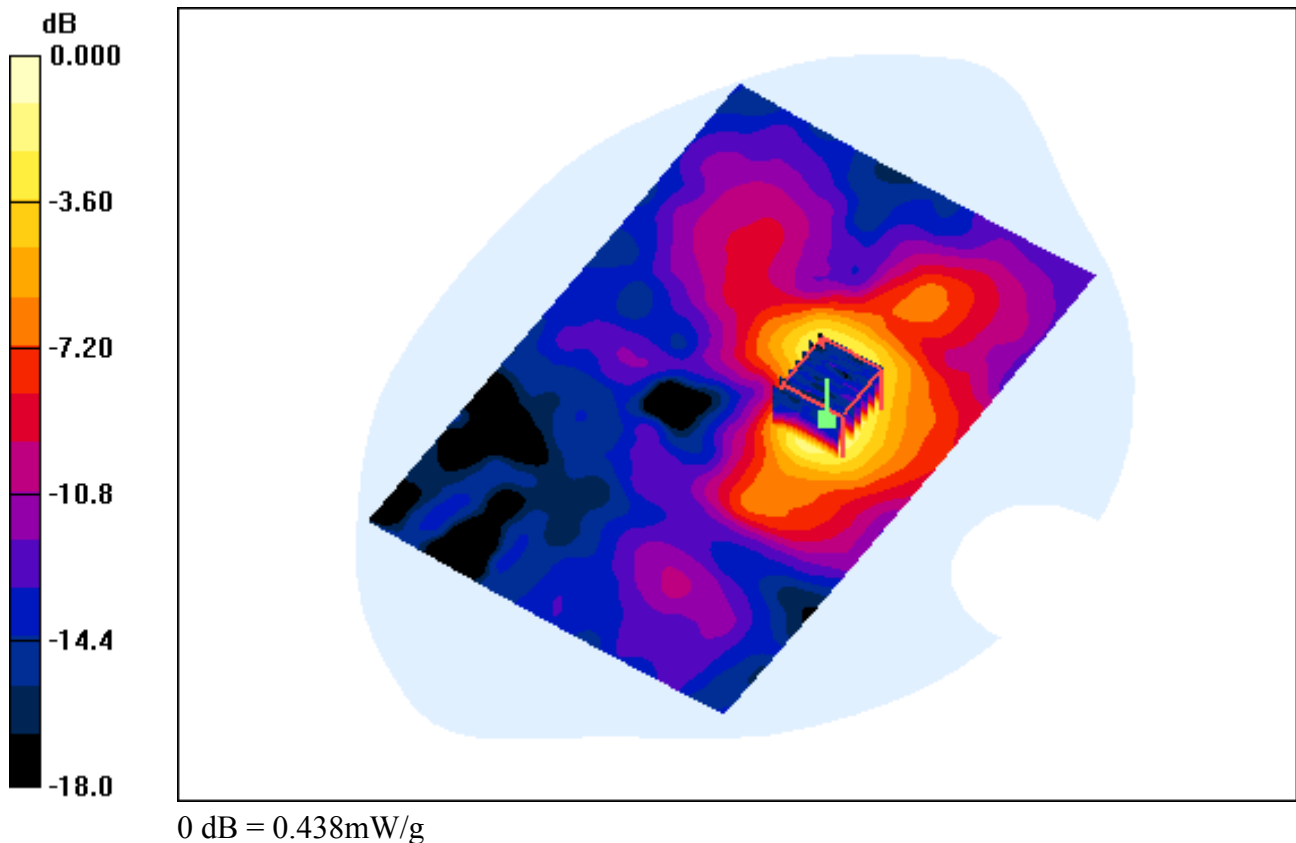
DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(3.97, 3.97, 3.97); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-27; Ambient Temp: 22.5; Tissue Temp: 22.8

1 cm space from Body, Rear, W-LAN(802.11a - 5.6G Band) Ch. 100, Ant Internal

Area Scan (131x201x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.083 dB
Peak SAR (extrapolated) = 0.888 W/kg
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.104 mW/g



DIGITAL EMC CO., LTD

DUT: 202K; Type: Bar

Communication System: W-LAN_5500; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.57$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(3.97, 3.97, 3.97); Calibrated: 2013-04-29; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2013-05-27; Ambient Temp: 22.5; Tissue Temp: 22.8

1 cm space from Body, Rear, W-LAN(802.11a - 5.6G Band) Ch. 100, Ant Internal

Area Scan (131x201x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.104 mW/g

