

Dipole Verification Plots

DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 40.376$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-09-28; Ambient Temp: 21.8; Tissue Temp: 22.5

835 MHz System Verification

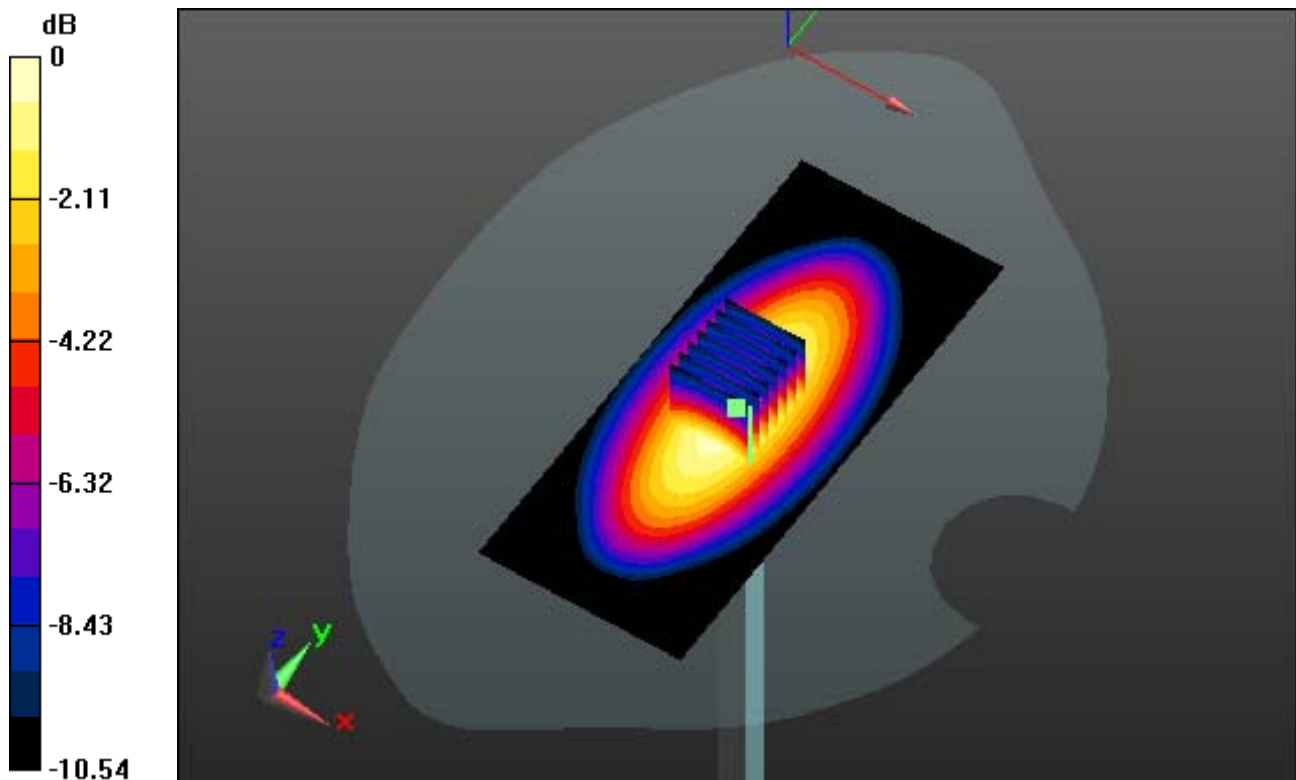
Area Scan (51x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.653 mW/g

SAR(1 g) = 2.4 mW/g; SAR(10 g) = 1.57 mW/g



0 dB = 3.05 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 40.376$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-09-28; Ambient Temp: 21.8; Tissue Temp: 22.5

835 MHz System Verification

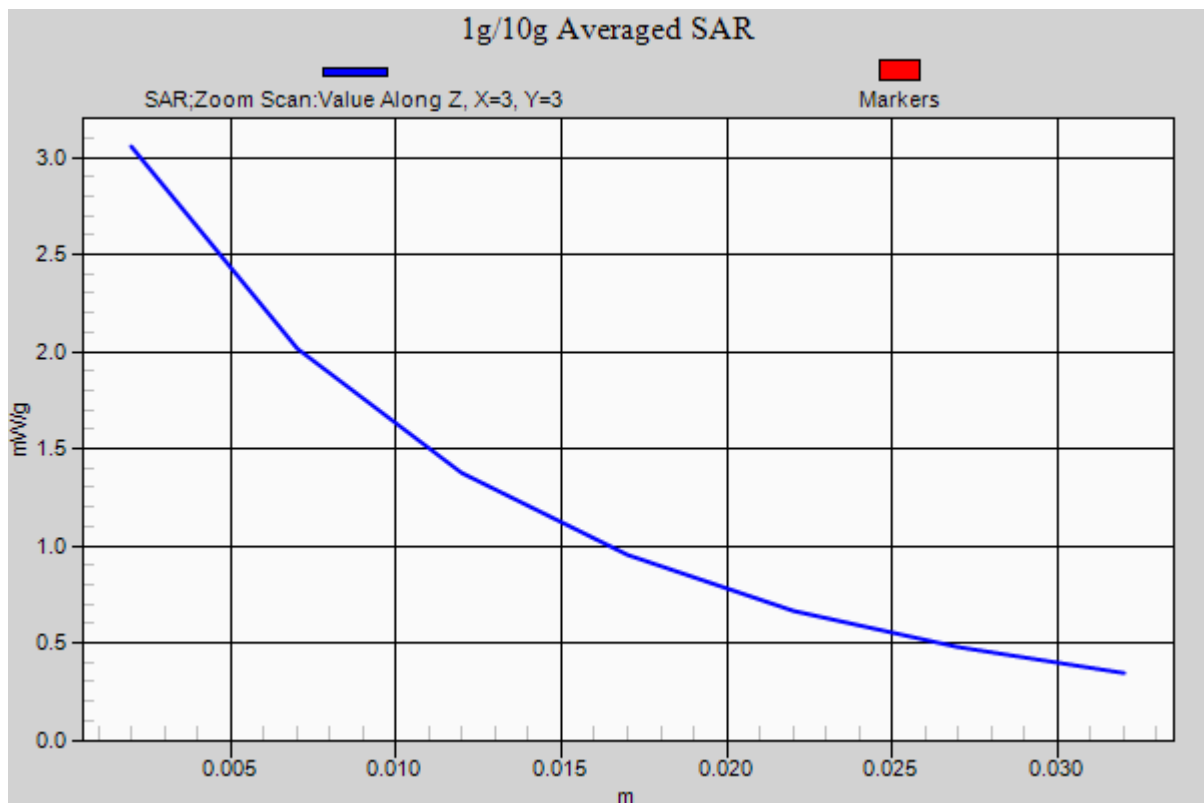
Area Scan (51x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.653 mW/g

SAR(1 g) = 2.4 mW/g; SAR(10 g) = 1.57 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 53.604$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.01, 10.01, 10.01); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-05; Ambient Temp: 22.1; Tissue Temp: 22.4

835 MHz System Verification

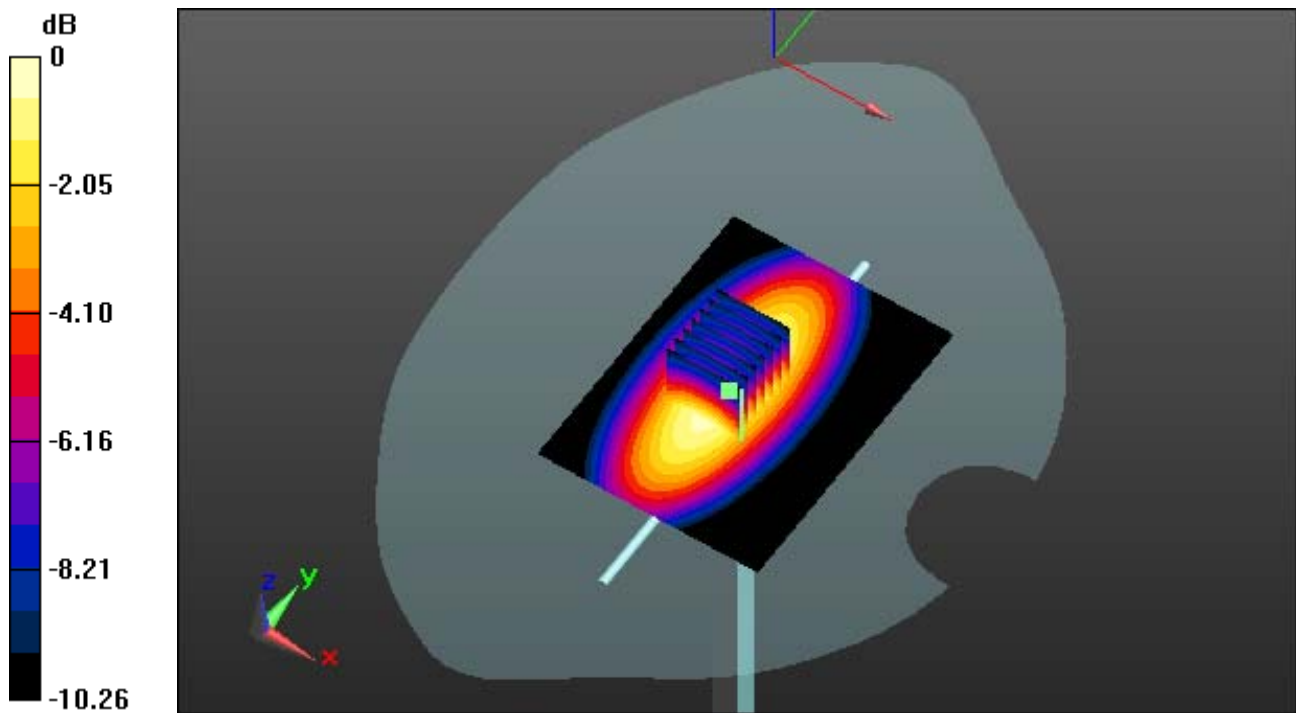
Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.327 mW/g

SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.49 mW/g



0 dB = 2.71 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 53.604$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.01, 10.01, 10.01); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-05; Ambient Temp: 22.1; Tissue Temp: 22.4

835 MHz System Verification

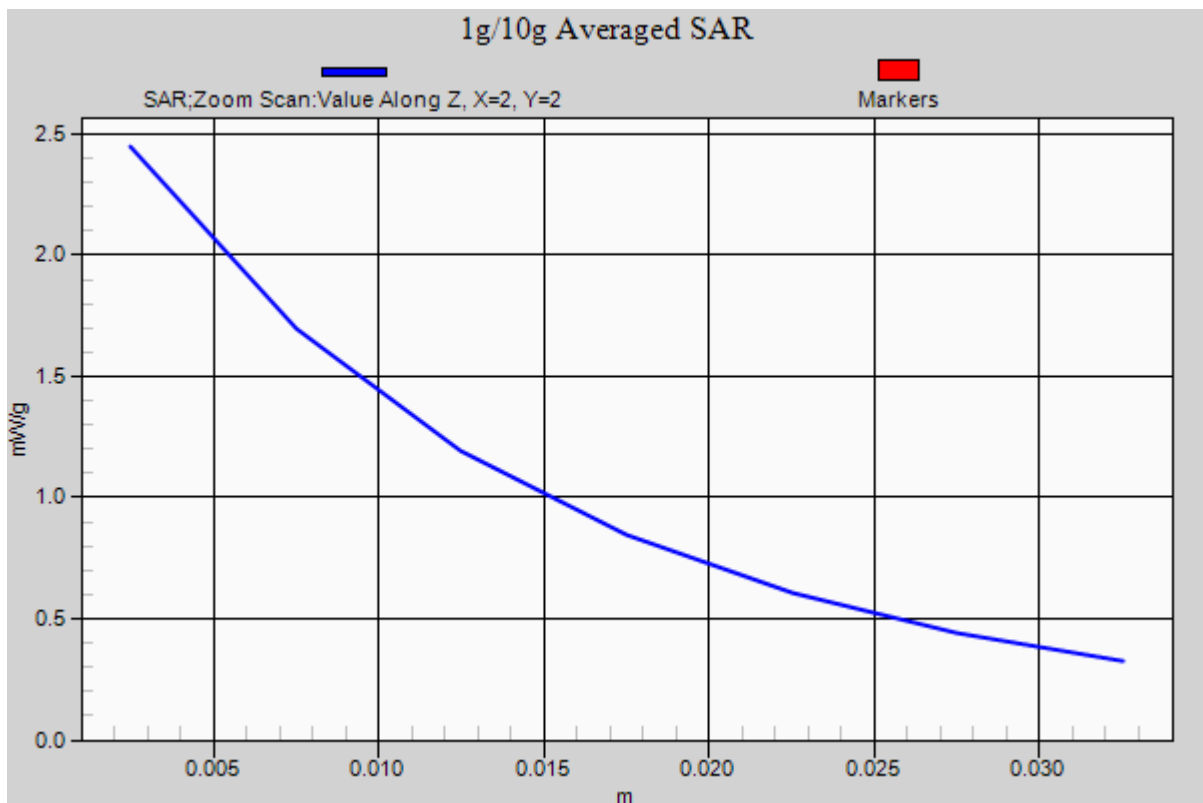
Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.327 mW/g

SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.49 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.909 \text{ mho/m}$; $\epsilon_r = 40.356$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-09-30; Ambient Temp: 22.2; Tissue Temp: 22.4

835 MHz System Verification

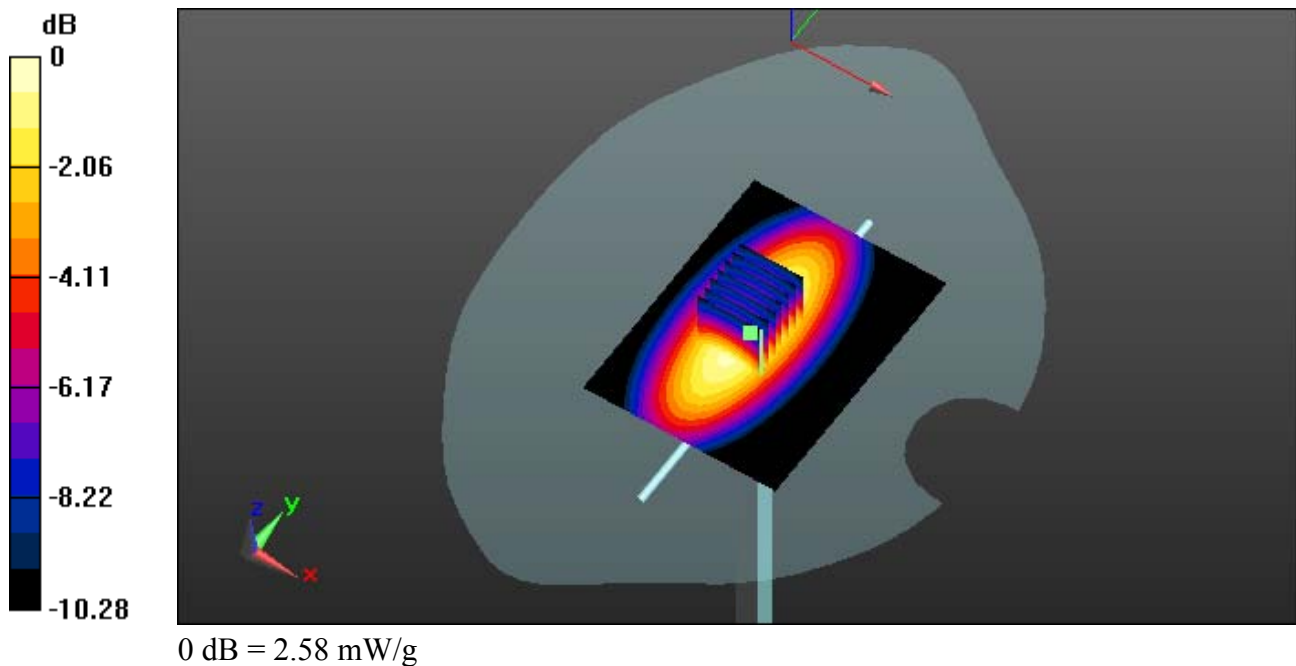
Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.202 mW/g

SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.42 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 40.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-09-30; Ambient Temp: 22.2; Tissue Temp: 22.4

835 MHz System Verification

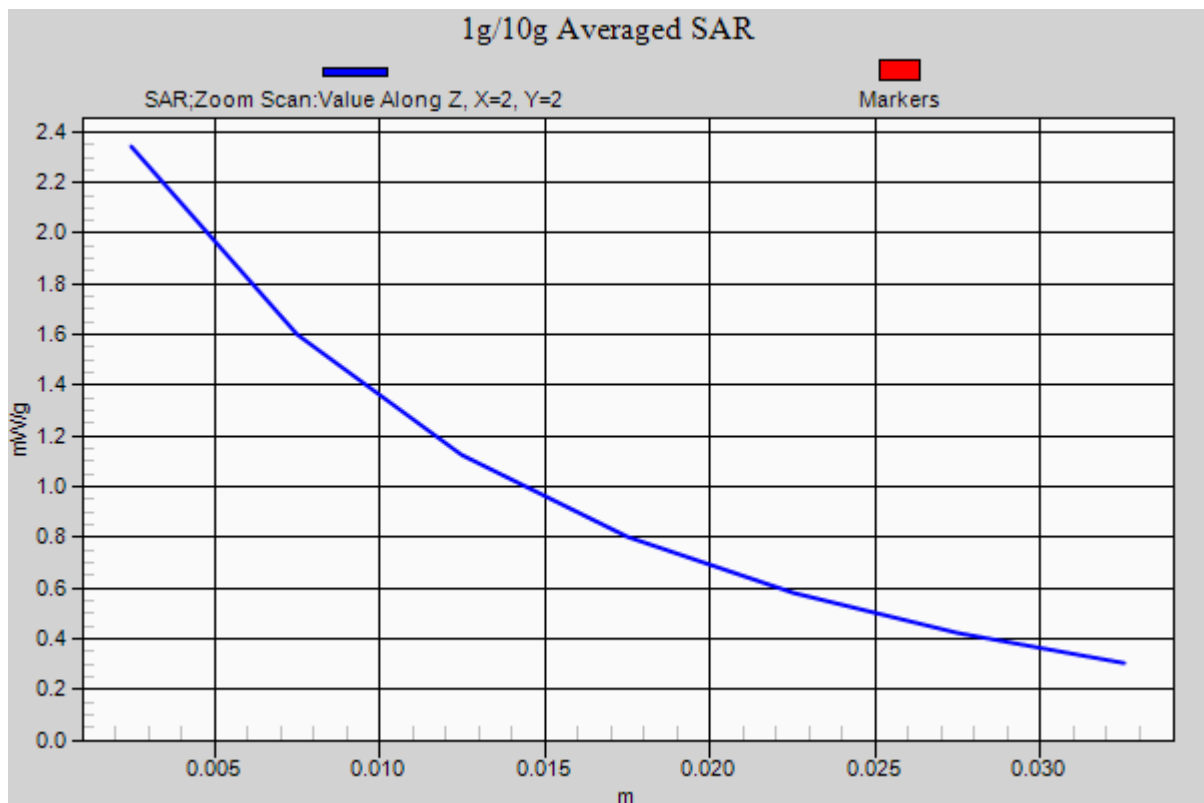
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.202 mW/g

SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.42 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 53.942$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.01, 10.01, 10.01); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-09-30; Ambient Temp: 22.2; Tissue Temp: 22.4

835 MHz System Verification

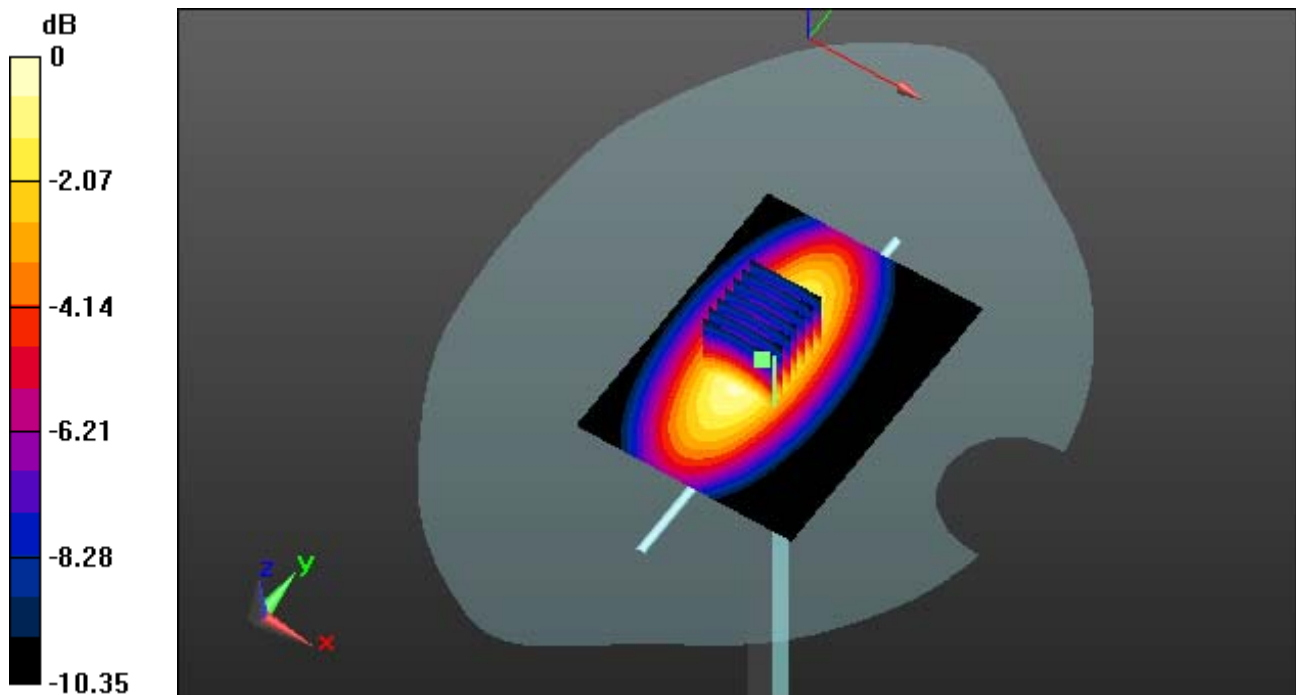
Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.196 mW/g

SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.52 mW/g



0 dB = 2.59 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 53.942$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.01, 10.01, 10.01); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-09-30; Ambient Temp: 22.2; Tissue Temp: 22.4

835 MHz System Verification

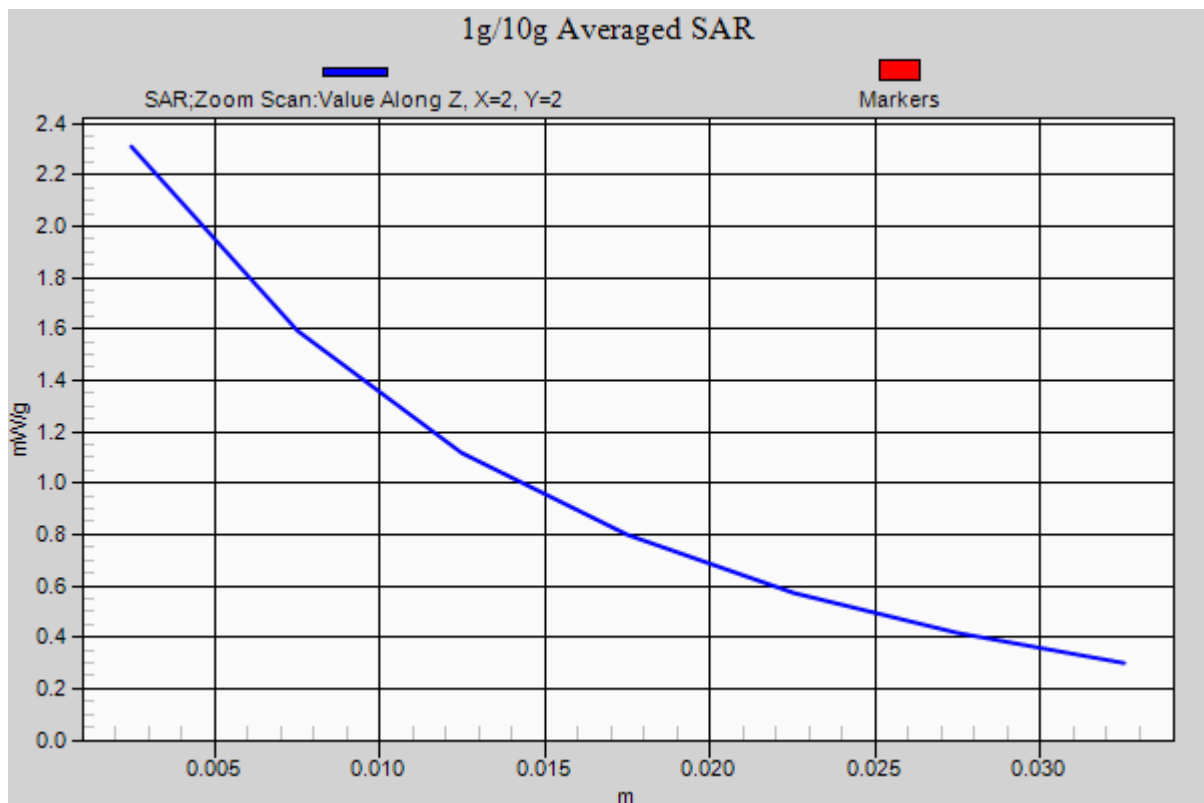
Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.196 mW/g

SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.52 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.419 \text{ mho/m}$; $\epsilon_r = 40.57$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.52, 8.52, 8.52); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-01; Ambient Temp: 22.4; Tissue Temp: 22.6

1900 MHz System Verification

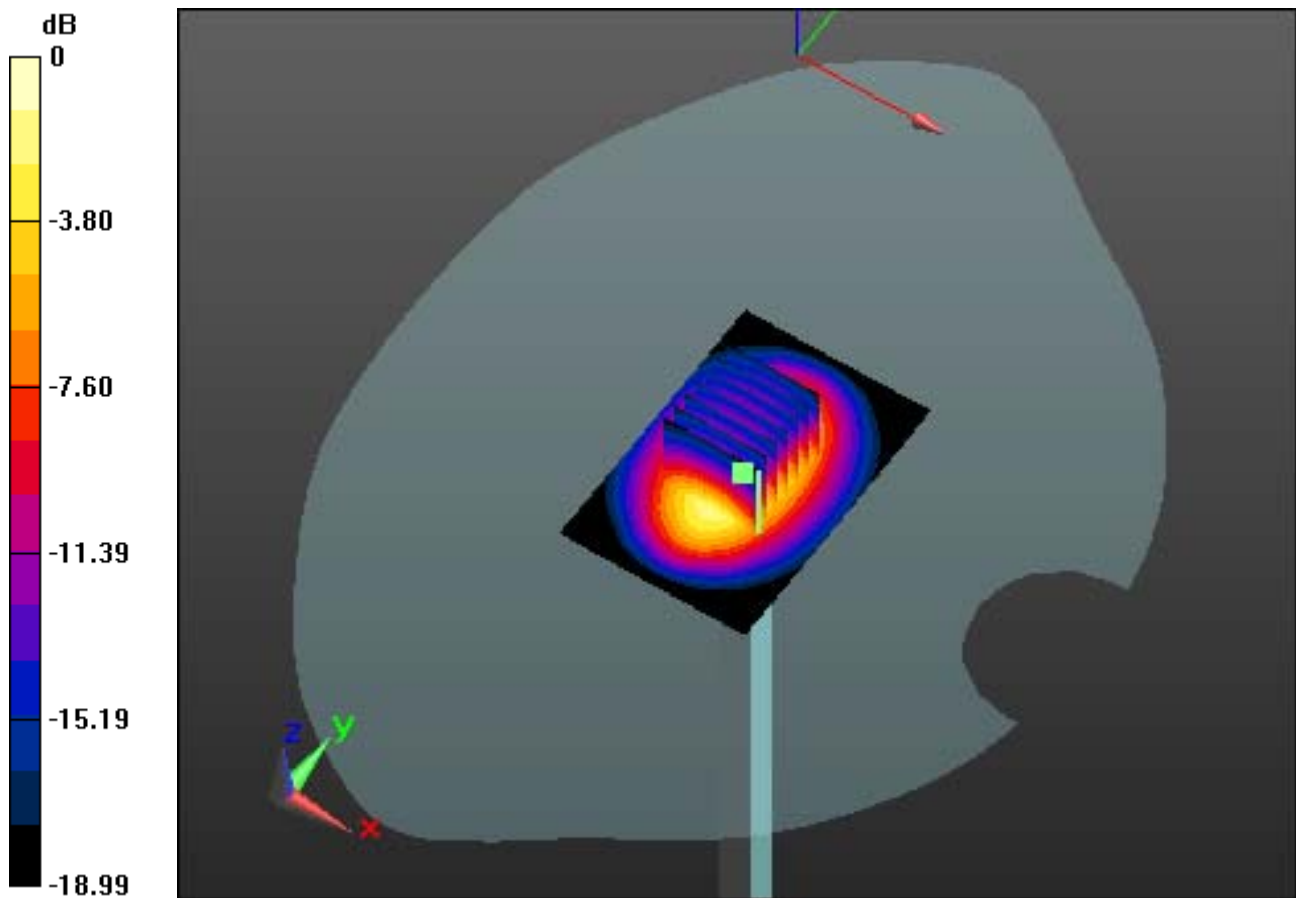
Area Scan (61x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 17.808 mW/g

SAR(1 g) = 9.13 mW/g; SAR(10 g) = 4.61 mW/g



0 dB = 12.6 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.419$ mho/m; $\epsilon_r = 40.57$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.52, 8.52, 8.52); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-01; Ambient Temp: 22.4; Tissue Temp: 22.6

1900 MHz System Verification

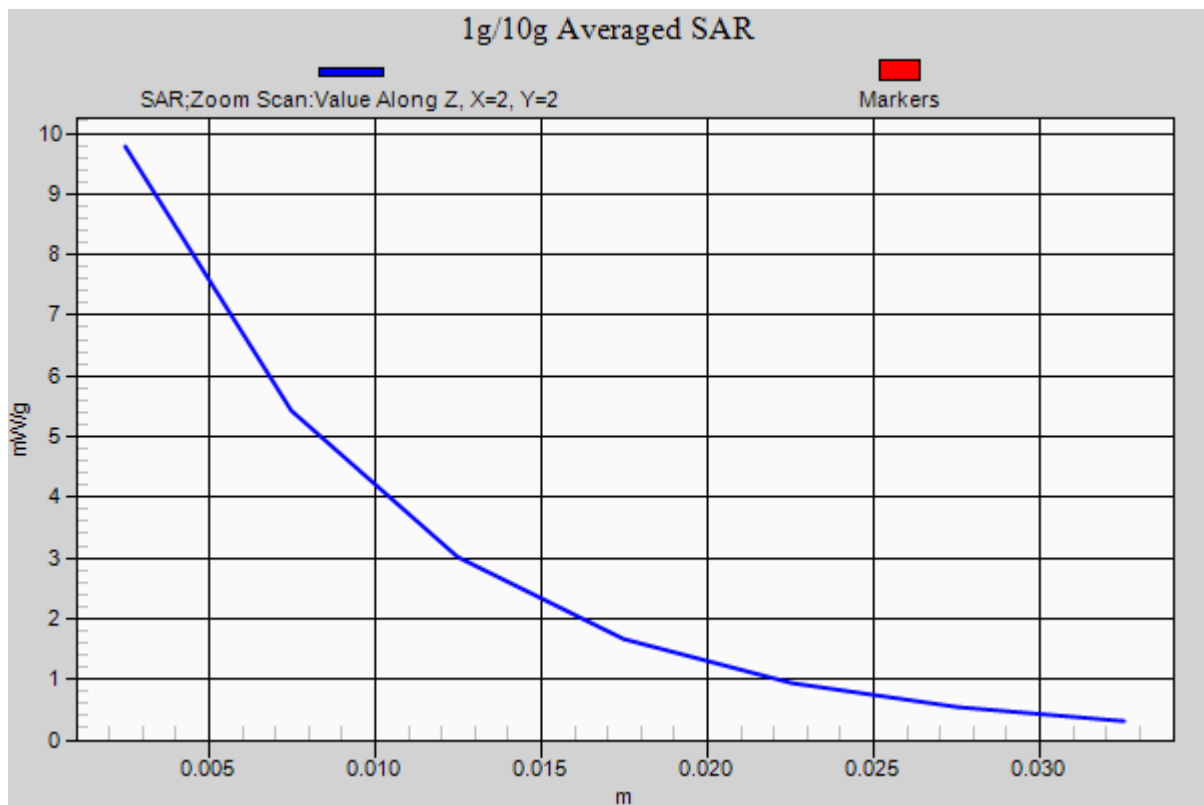
Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 17.808 mW/g

SAR(1 g) = 9.13 mW/g; SAR(10 g) = 4.61 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.532$ mho/m; $\epsilon_r = 55.004$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.89, 7.89, 7.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-07; Ambient Temp: 21.8; Tissue Temp: 22.1

1900 MHz System Verification

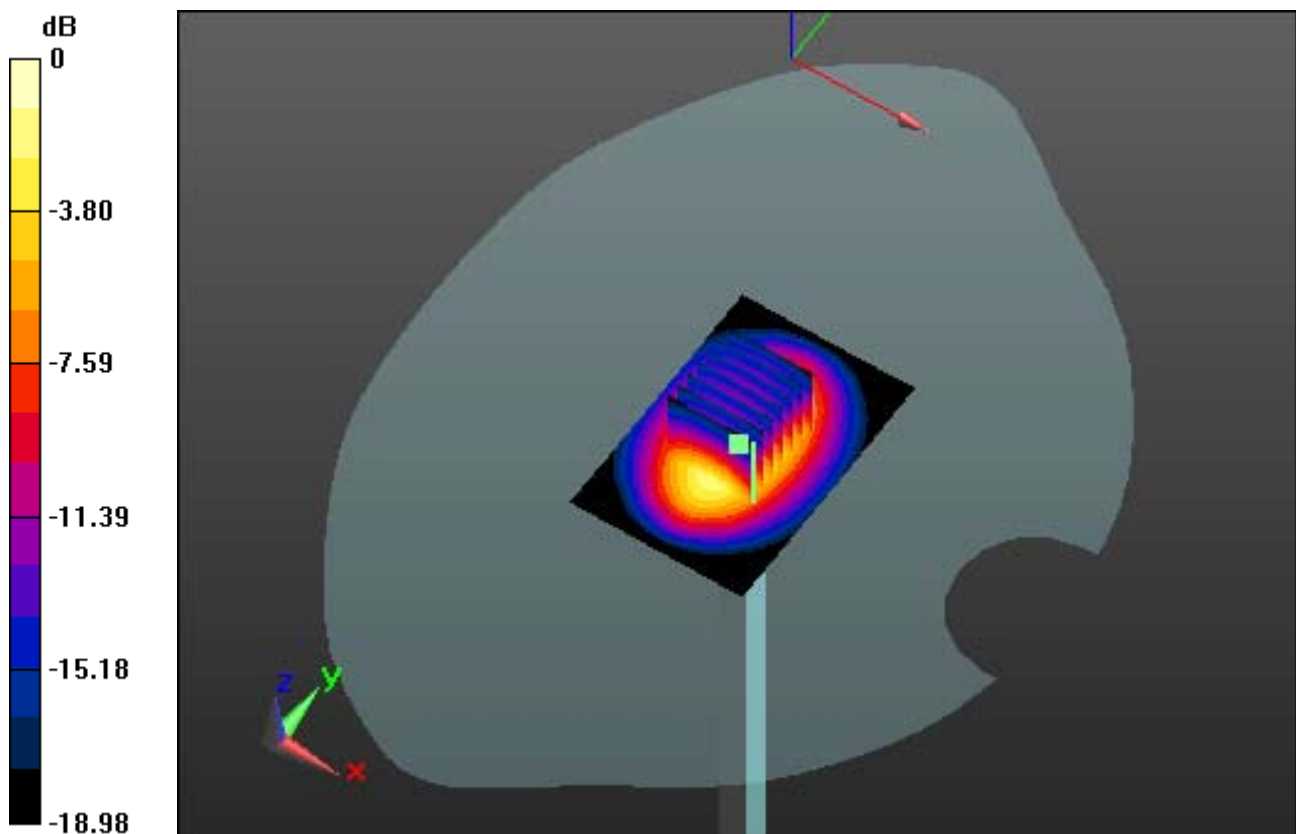
Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 18.687 mW/g

SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.37 mW/g



0 dB = 14.6 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.532$ mho/m; $\epsilon_r = 55.004$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.89, 7.89, 7.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-07; Ambient Temp: 21.8; Tissue Temp: 22.1

1900 MHz System Verification

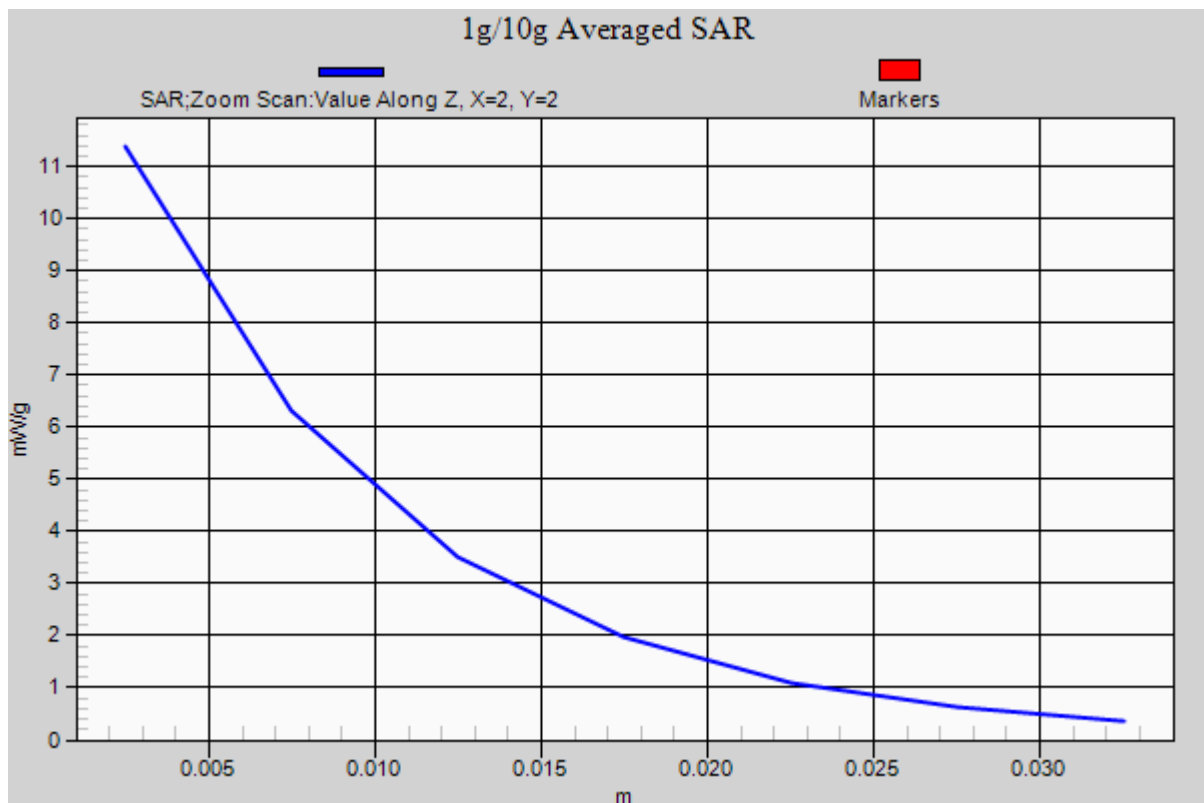
Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 18.687 mW/g

SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.37 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.418$ mho/m; $\epsilon_r = 40.559$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.52, 8.52, 8.52); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-02; Ambient Temp: 22.2; Tissue Temp: 22.7

1900 MHz System Verification

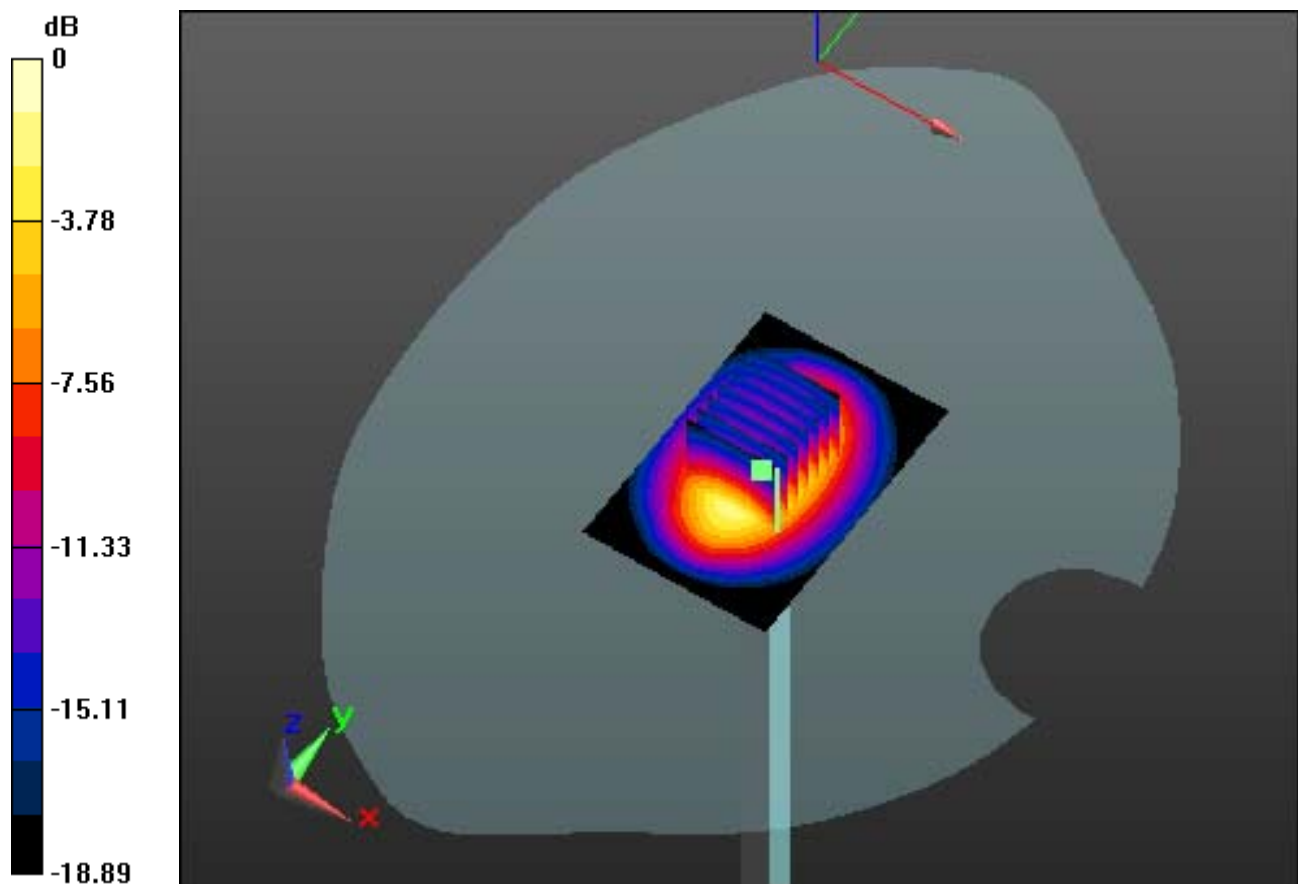
Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.274 mW/g

SAR(1 g) = 8.92 mW/g; SAR(10 g) = 4.73 mW/g



0 dB = 12.2 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.418$ mho/m; $\epsilon_r = 40.559$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.52, 8.52, 8.52); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-02; Ambient Temp: 22.2; Tissue Temp: 22.7

1900 MHz System Verification

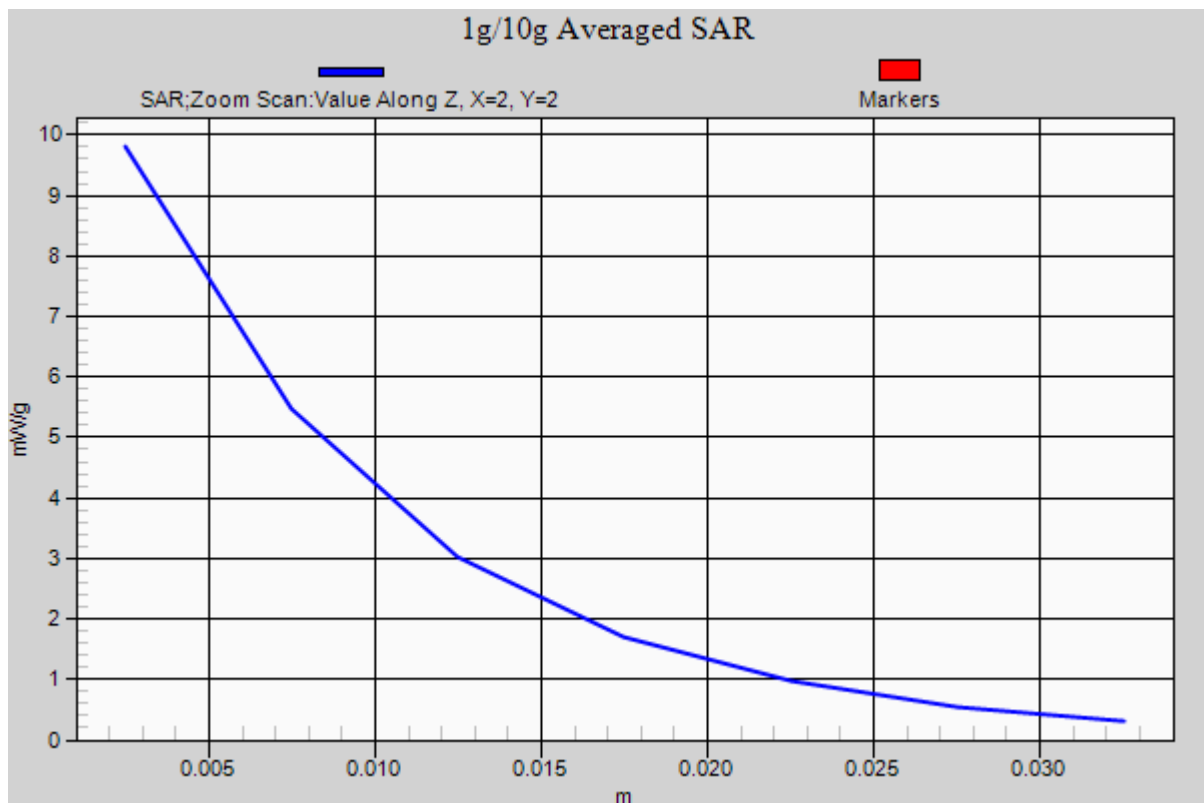
Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.274 mW/g

SAR(1 g) = 8.92 mW/g; SAR(10 g) = 4.73 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.89, 7.89, 7.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-02; Ambient Temp: 22.2; Tissue Temp: 22.7

1900 MHz System Verification

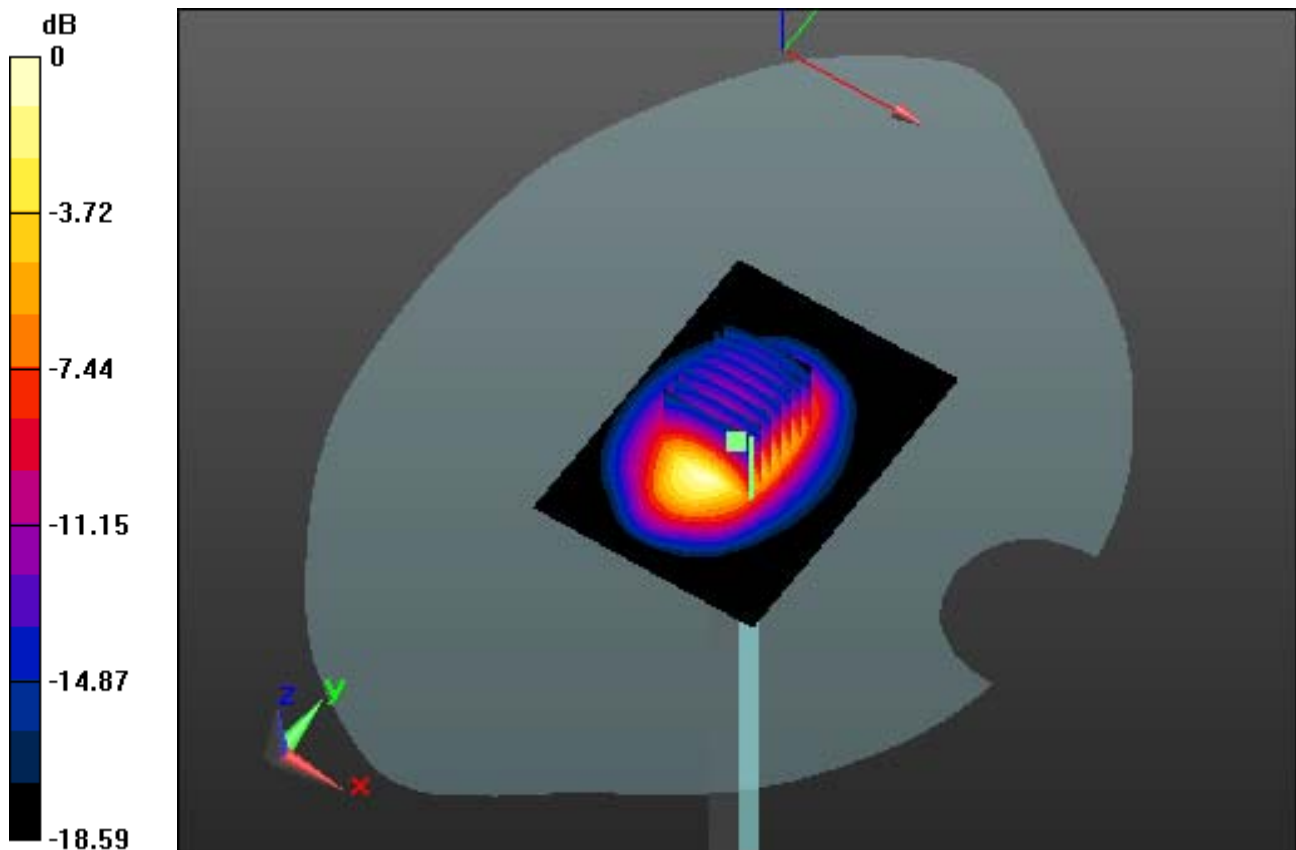
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 17.515 mW/g

SAR(1 g) = 9.26 mW/g; SAR(10 g) = 5.13 mW/g



0 dB = 12.6 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.89, 7.89, 7.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-02; Ambient Temp: 22.2; Tissue Temp: 22.7

1900 MHz System Verification

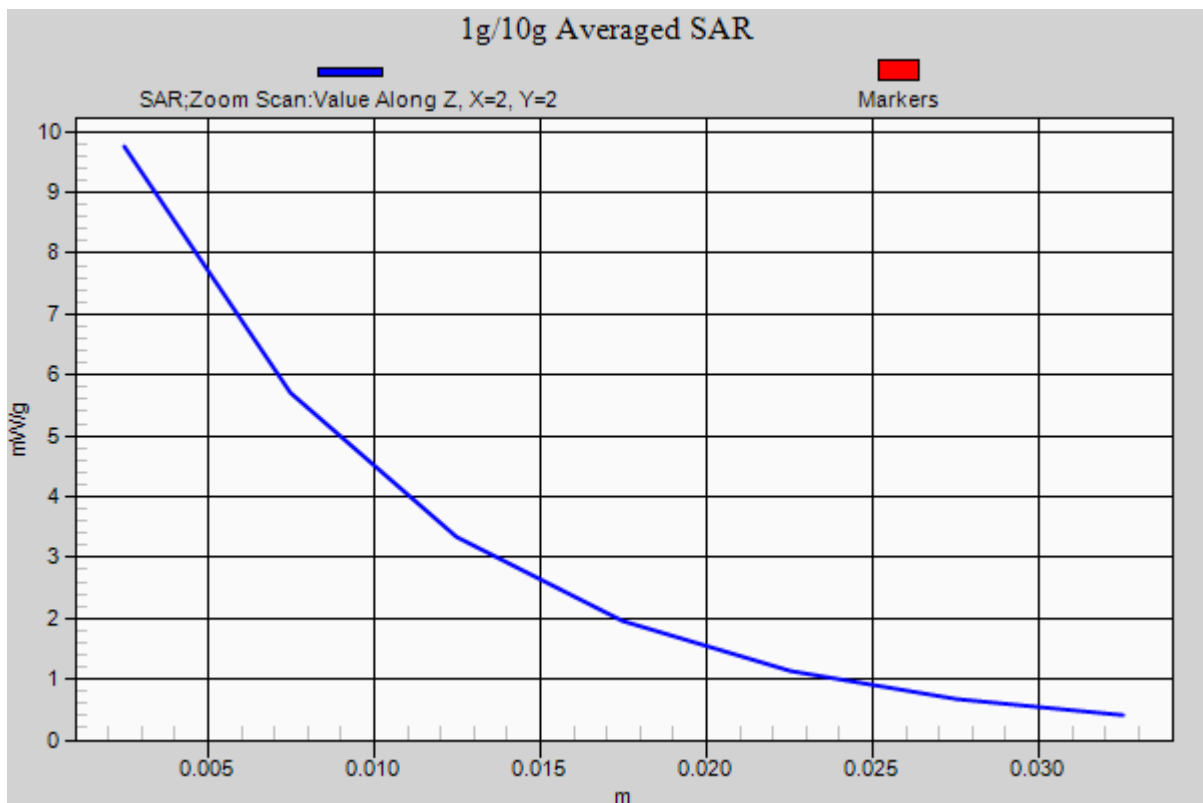
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 17.515 mW/g

SAR(1 g) = 9.26 mW/g; SAR(10 g) = 5.13 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r = 39.026$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.65, 7.65, 7.65); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-04; Ambient Temp: 21.9; Tissue Temp: 22.3

2450 MHz System Verification

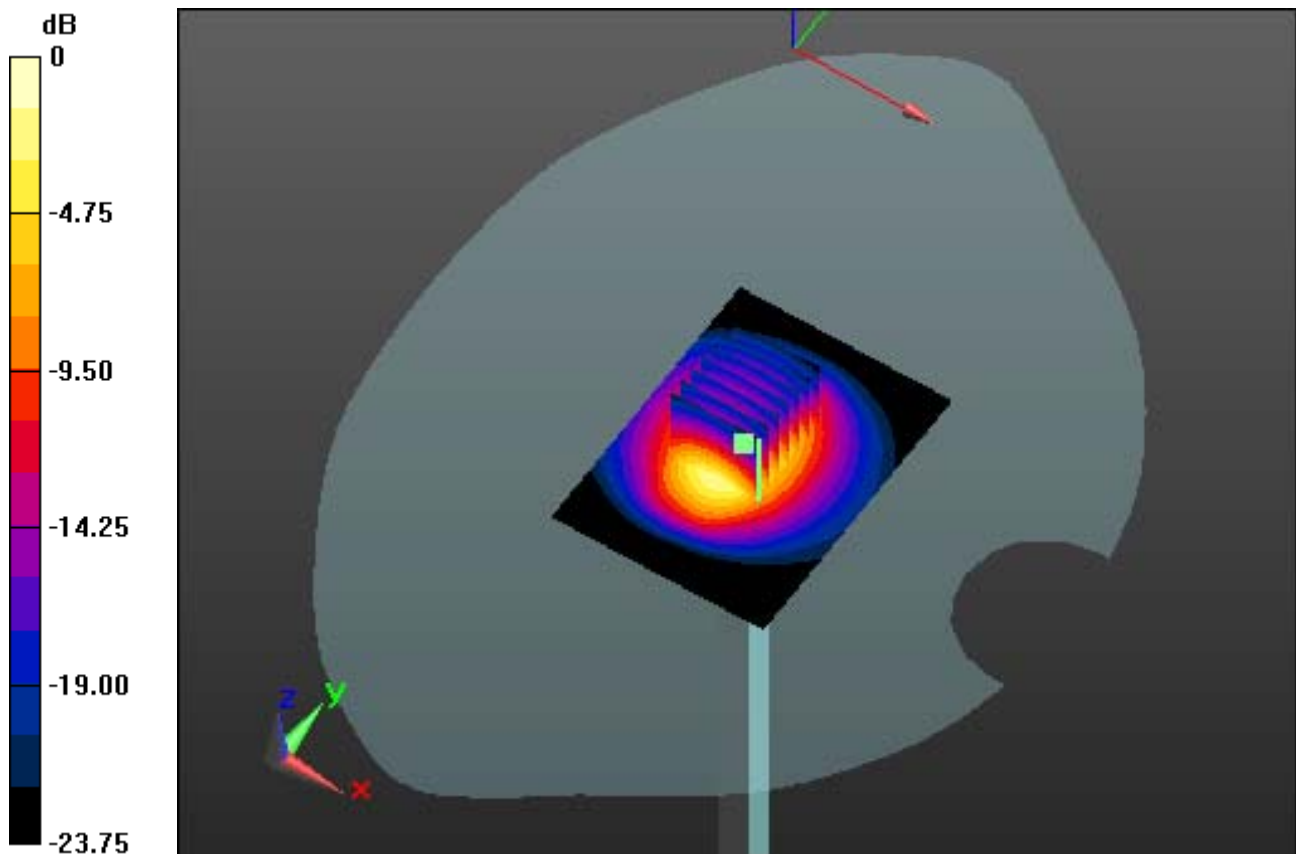
Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 27.311 mW/g

SAR(1 g) = 12.6 mW/g; SAR(10 g) = 5.72 mW/g



0 dB = 18.2 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r = 39.026$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.65, 7.65, 7.65); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-04; Ambient Temp: 21.9; Tissue Temp: 22.3

2450 MHz System Verification

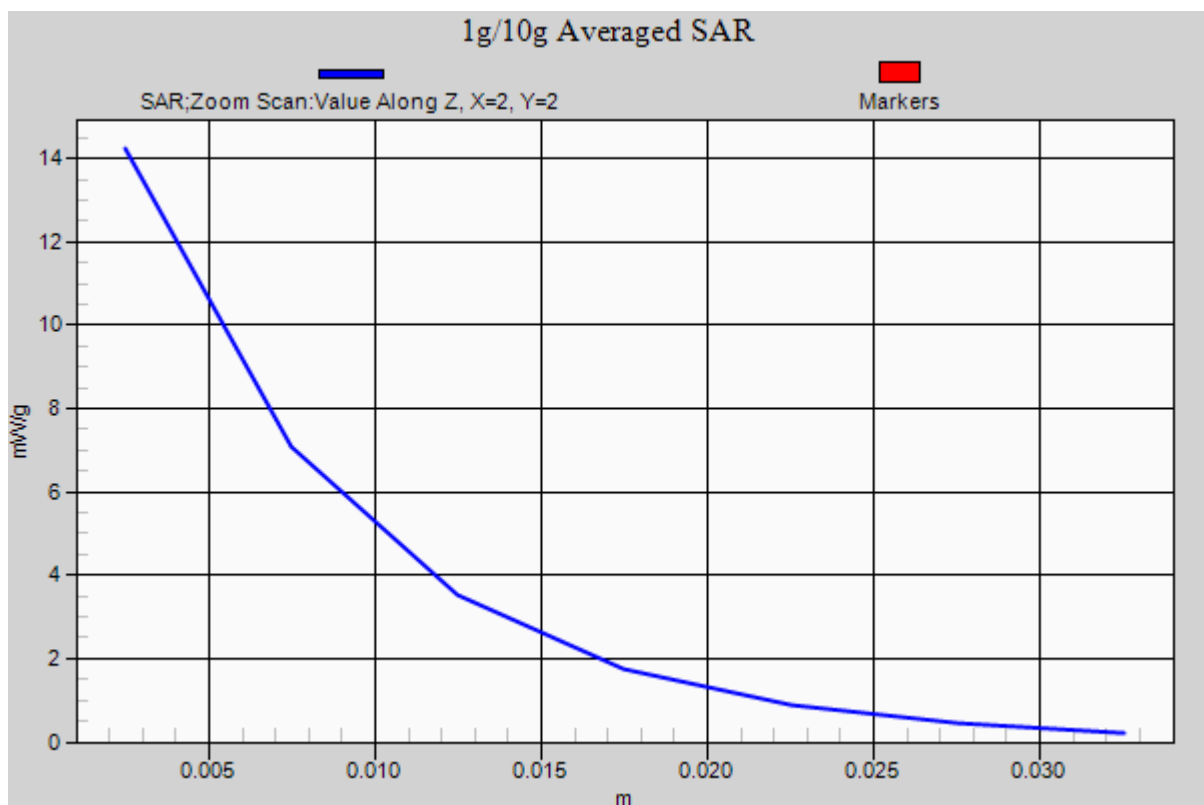
Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 27.311 mW/g

SAR(1 g) = 12.6 mW/g; SAR(10 g) = 5.72 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r = 50.885$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.48, 7.48, 7.48); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-04; Ambient Temp: 21.9; Tissue Temp: 22.3

2450 MHz System Verification

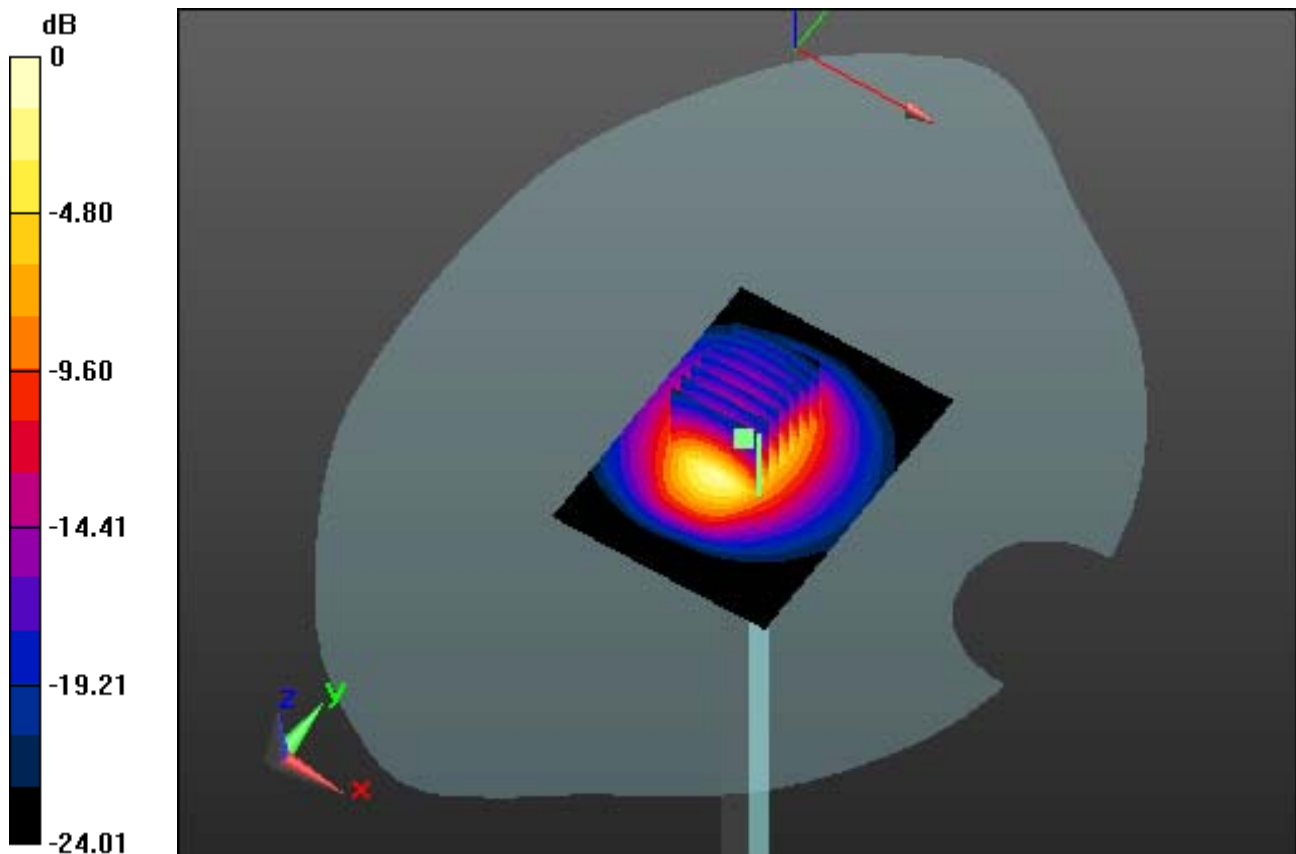
Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 27.231 mW/g

SAR(1 g) = 12.4 mW/g; SAR(10 g) = 5.62 mW/g



0 dB = 17.8 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r = 50.885$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.48, 7.48, 7.48); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-04; Ambient Temp: 21.9; Tissue Temp: 22.3

2450 MHz System Verification

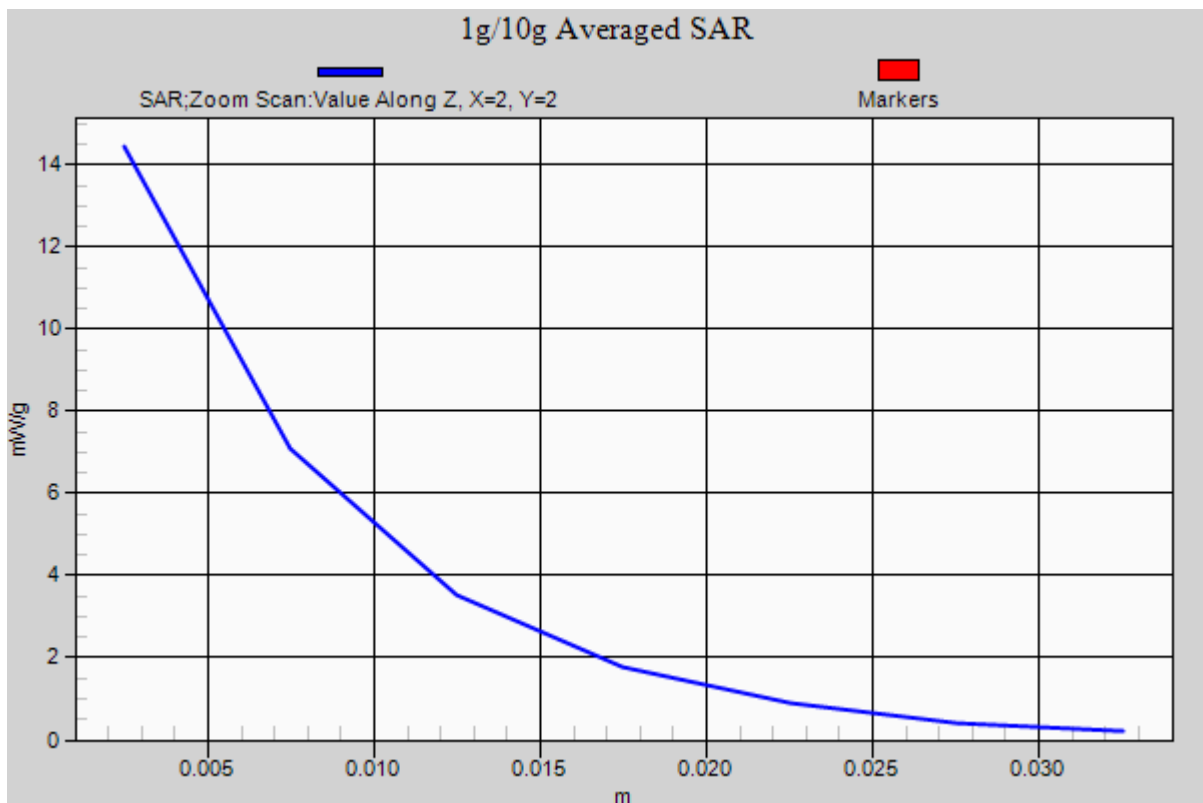
Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 27.231 mW/g

SAR(1 g) = 12.4 mW/g; SAR(10 g) = 5.62 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1038

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.703$ mho/m; $\epsilon_r = 36.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.22, 5.22, 5.22); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5200 MHz System Verification

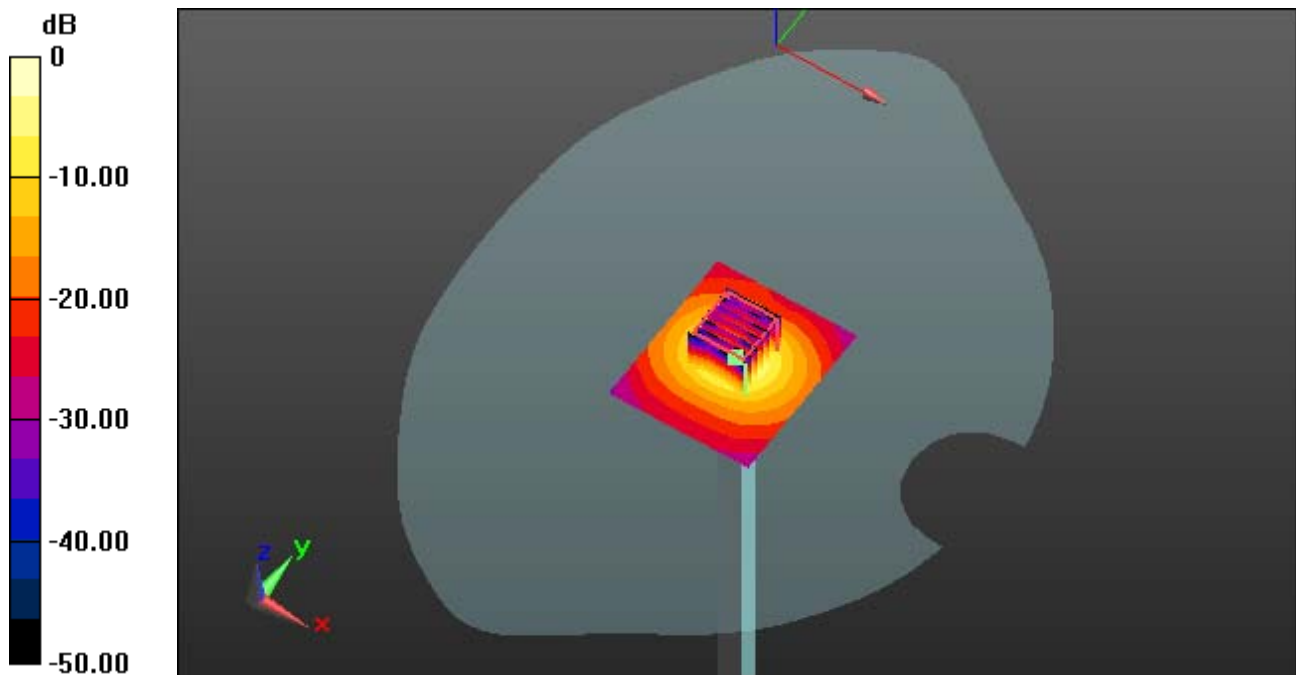
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 35.189 mW/g

SAR(1 g) = 7.7 mW/g; SAR(10 g) = 2.28 mW/g



0 dB = 16.1 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1038

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.703$ mho/m; $\epsilon_r = 36.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.22, 5.22, 5.22); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5200 MHz System Verification

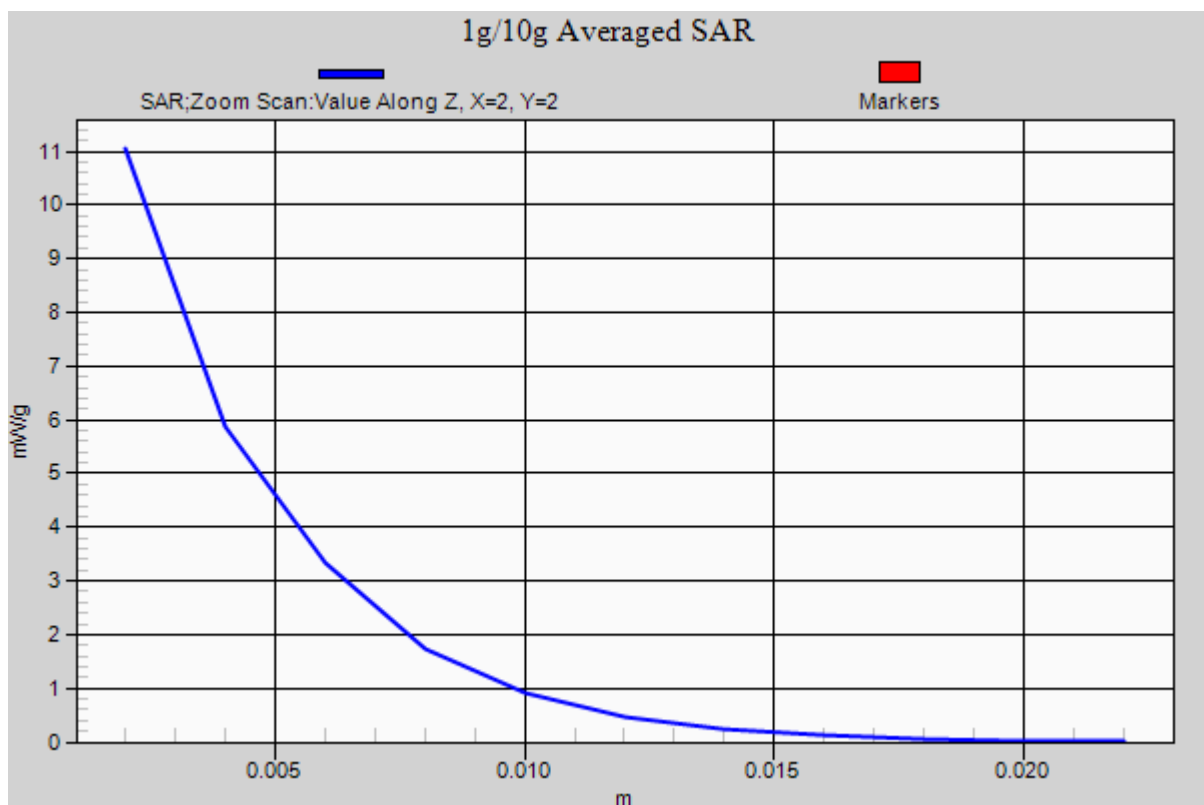
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 35.189 mW/g

SAR(1 g) = 7.7 mW/g; SAR(10 g) = 2.28 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.818$ mho/m; $\epsilon_r = 36.705$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5300 MHz System Verification

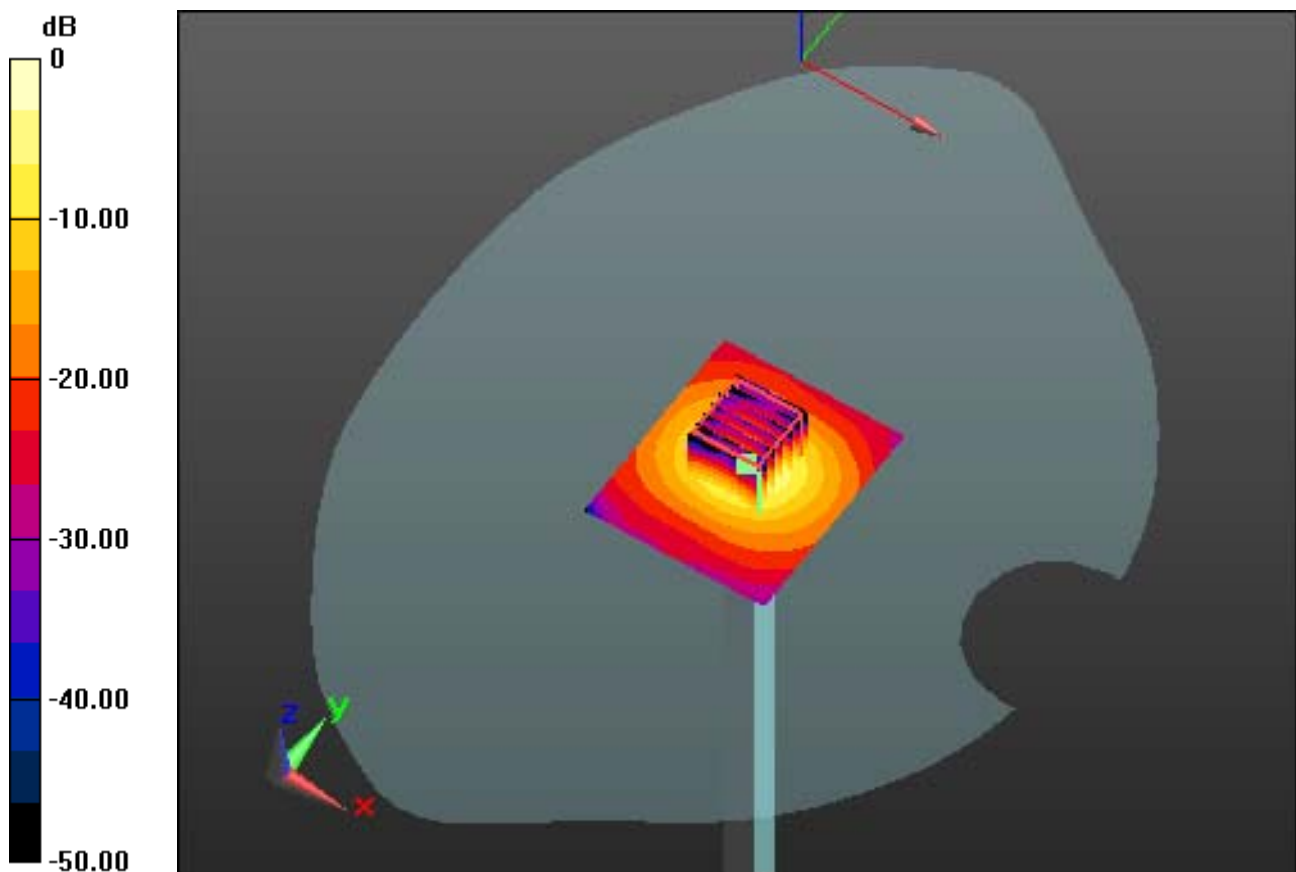
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 36.967 mW/g

SAR(1 g) = 8.54 mW/g; SAR(10 g) = 2.51 mW/g



0 dB = 17.4 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.818$ mho/m; $\epsilon_r = 36.705$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5300 MHz System Verification

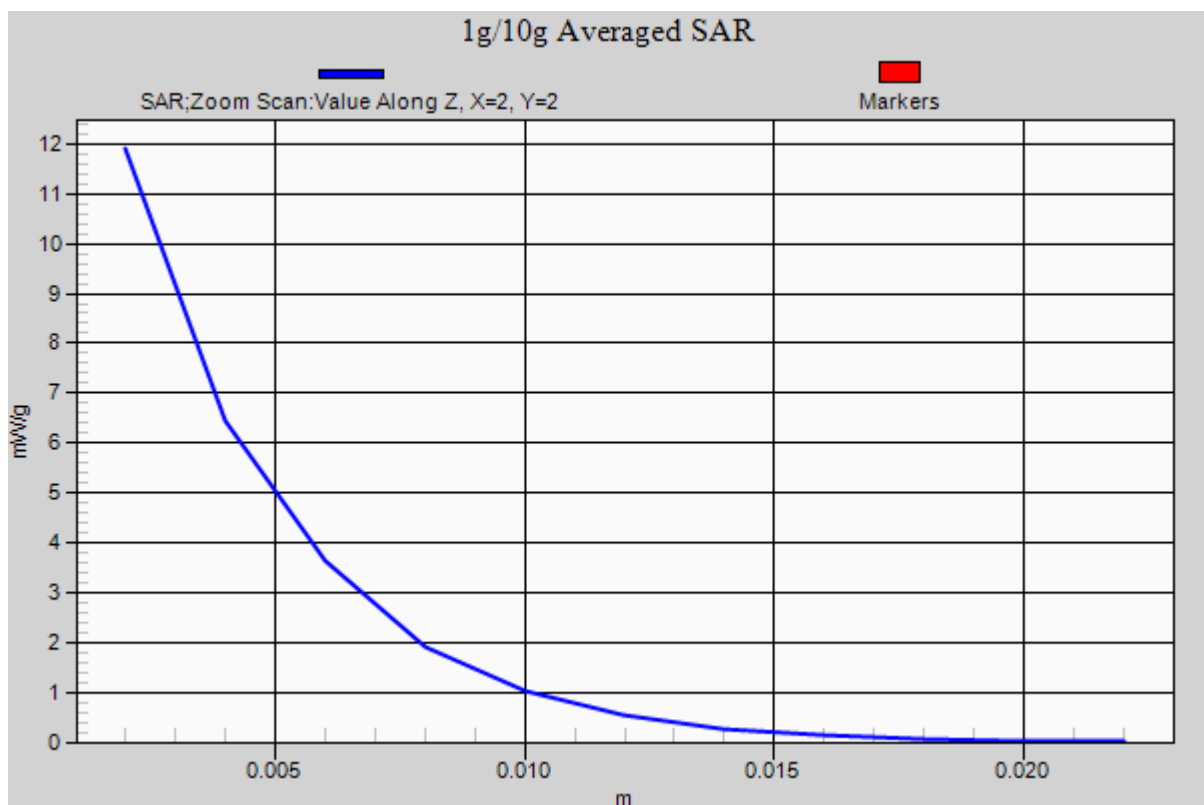
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 36.967 mW/g

SAR(1 g) = 8.54 mW/g; SAR(10 g) = 2.51 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.055$ mho/m; $\epsilon_r = 36.359$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.99, 4.99, 4.99); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5500 MHz System Verification

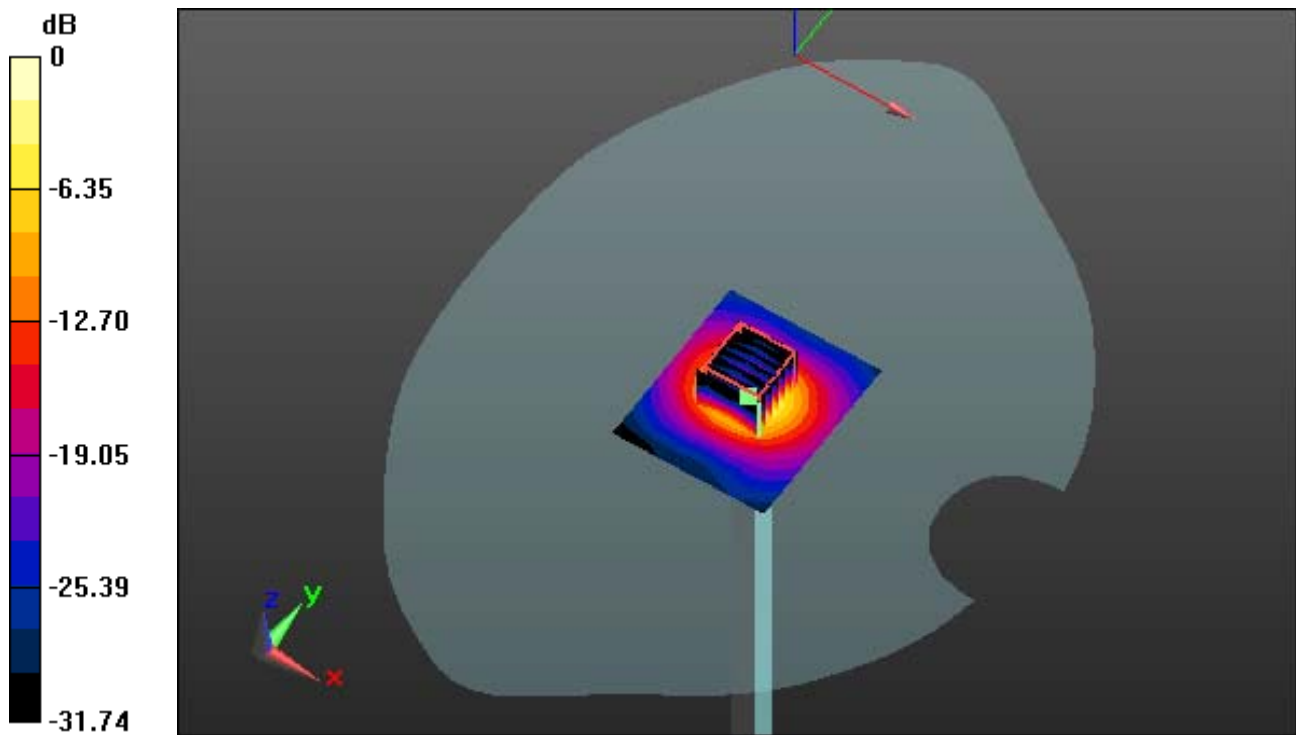
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 35.004 mW/g

SAR(1 g) = 8.27 mW/g; SAR(10 g) = 2.48 mW/g



0 dB = 15.6 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.055$ mho/m; $\epsilon_r = 36.359$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.99, 4.99, 4.99); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5500 MHz System Verification

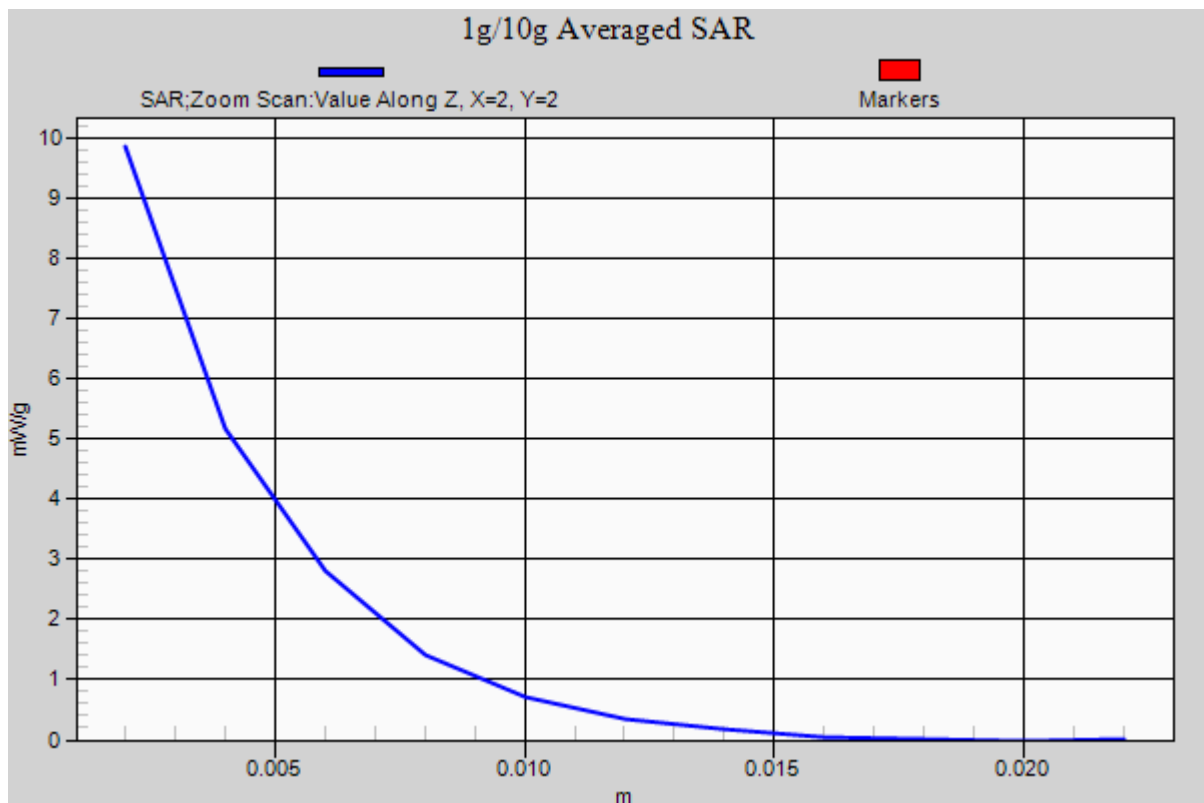
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 35.004 mW/g

SAR(1 g) = 8.27 mW/g; SAR(10 g) = 2.48 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.176$ mho/m; $\epsilon_r = 36.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5600 MHz System Verification

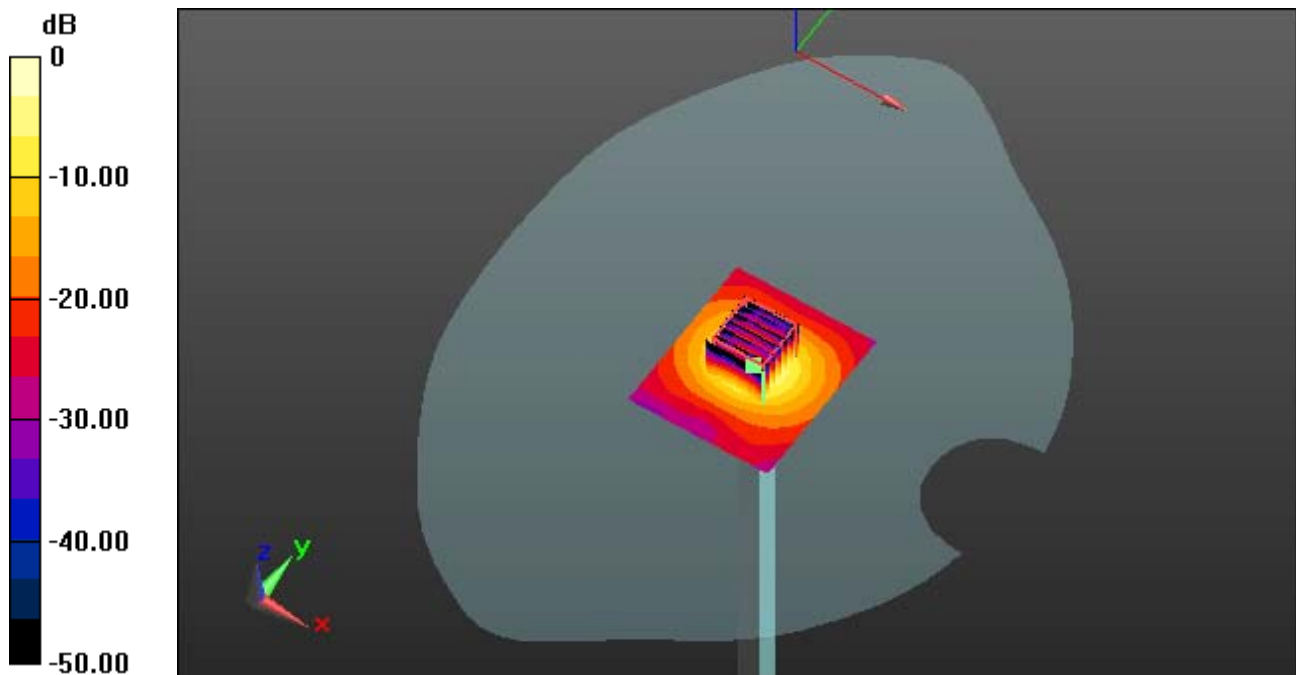
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 39.137 mW/g

SAR(1 g) = 8.13 mW/g; SAR(10 g) = 2.32 mW/g



0 dB = 17.0 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.176$ mho/m; $\epsilon_r = 36.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5600 MHz System Verification

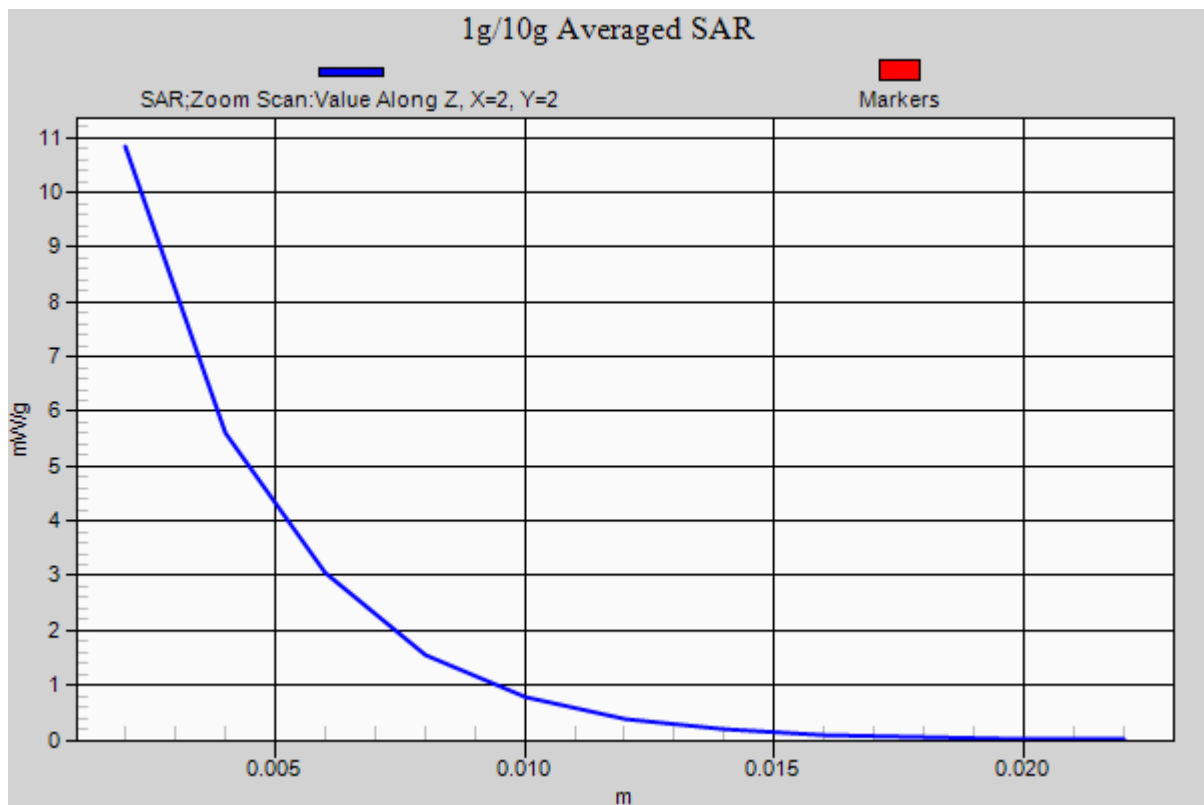
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 39.137 mW/g

SAR(1 g) = 8.13 mW/g; SAR(10 g) = 2.32 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.415$ mho/m; $\epsilon_r = 35.803$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5800 MHz System Verification

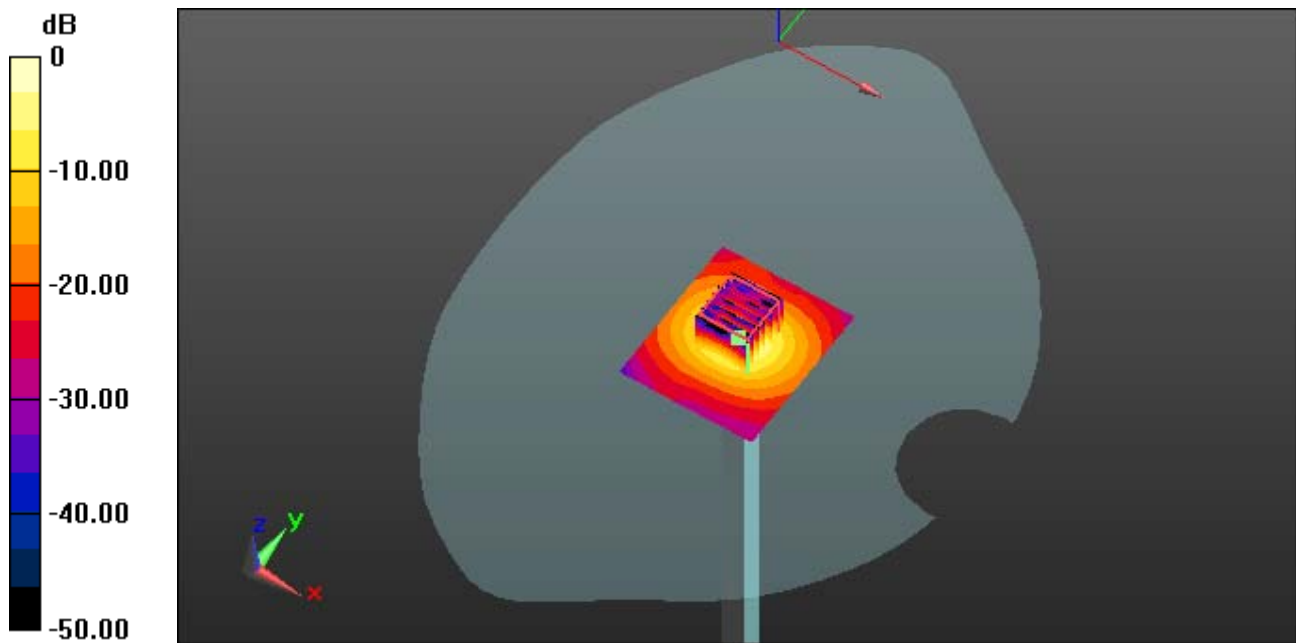
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 31.751 mW/g

SAR(1 g) = 8.01 mW/g; SAR(10 g) = 2.39 mW/g



0 dB = 15.4 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.415$ mho/m; $\epsilon_r = 35.803$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5800 MHz System Verification

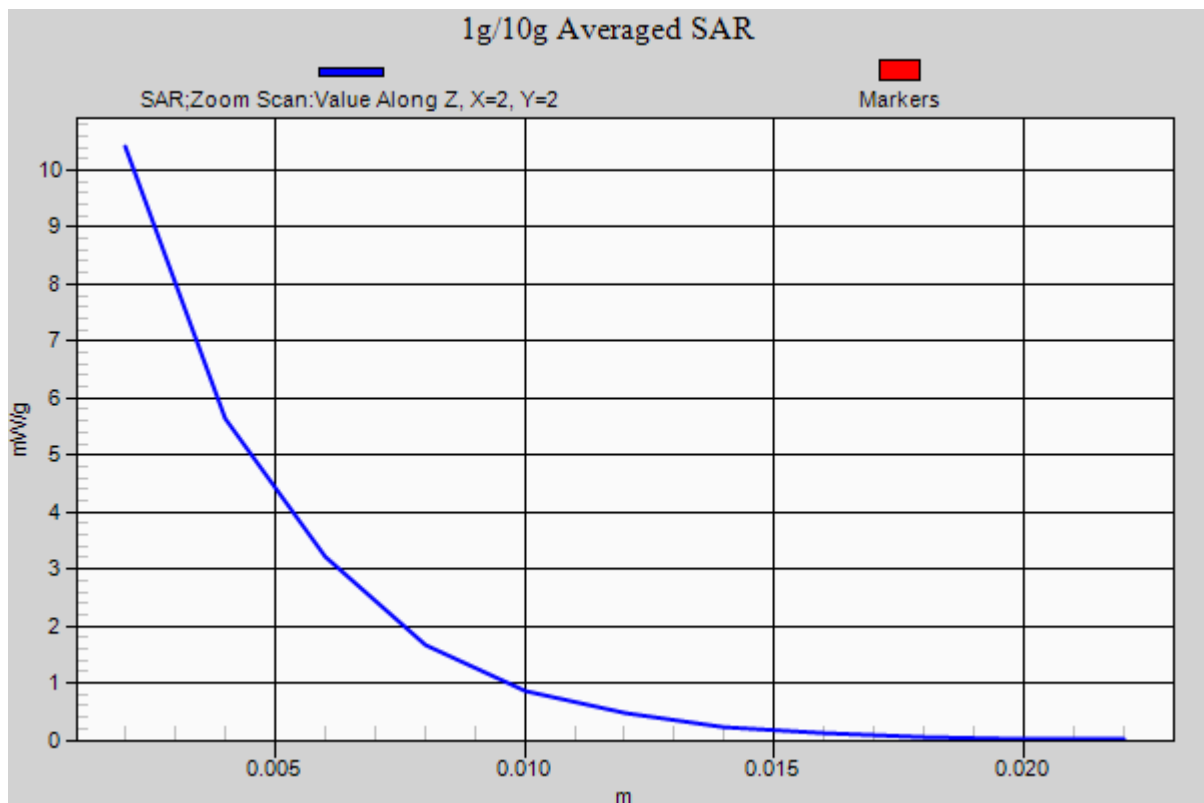
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 31.751 mW/g

SAR(1 g) = 8.01 mW/g; SAR(10 g) = 2.39 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.194$ mho/m; $\epsilon_r = 48.382$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5200 MHz System Verification

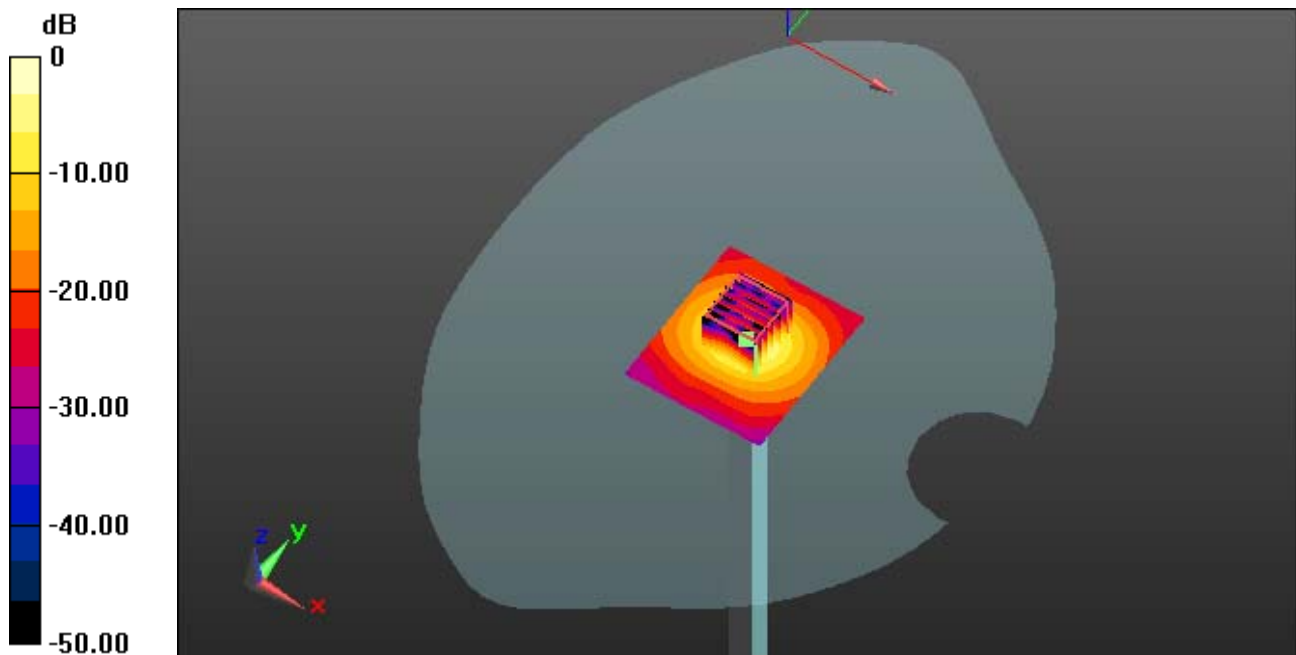
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 29.051 mW/g

SAR(1 g) = 7.54 mW/g; SAR(10 g) = 2.23 mW/g



0 dB = 14.4 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.194$ mho/m; $\epsilon_r = 48.382$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5200 MHz System Verification

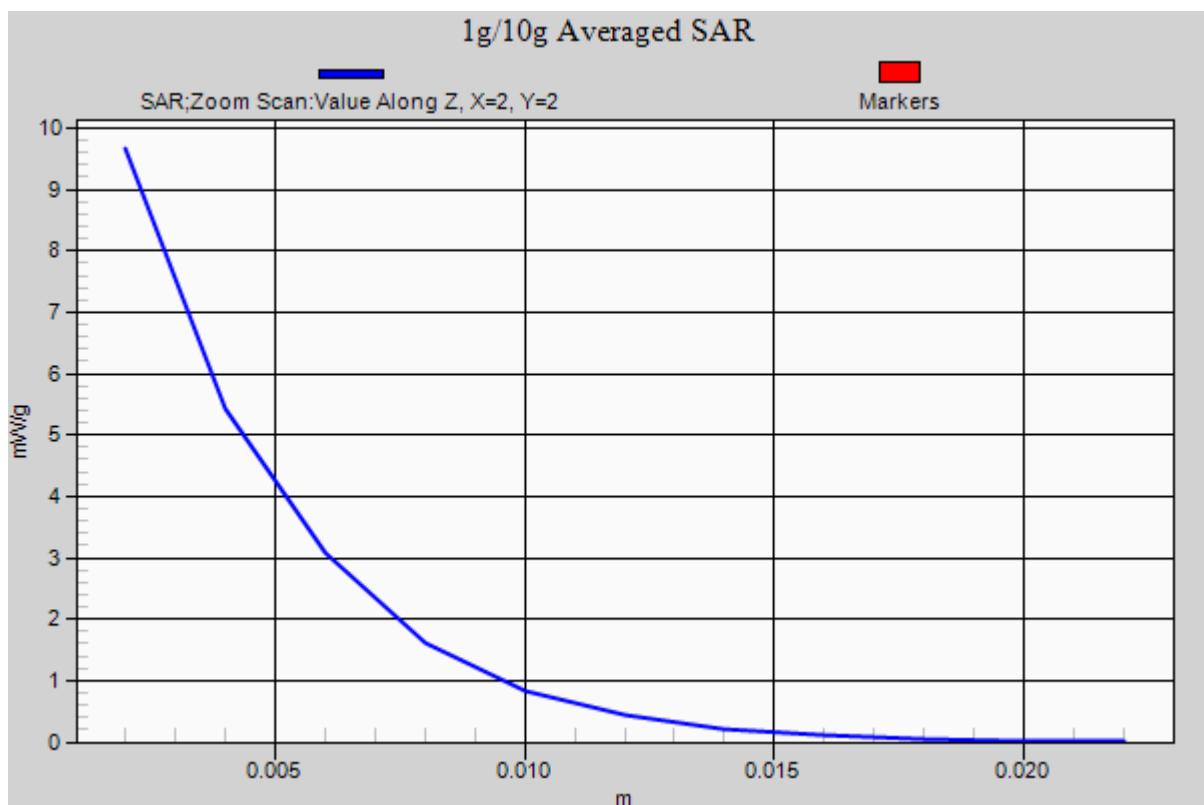
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 29.051 mW/g

SAR(1 g) = 7.54 mW/g; SAR(10 g) = 2.23 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.327$ mho/m; $\epsilon_r = 48.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.31, 4.31, 4.31); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5300 MHz System Verification

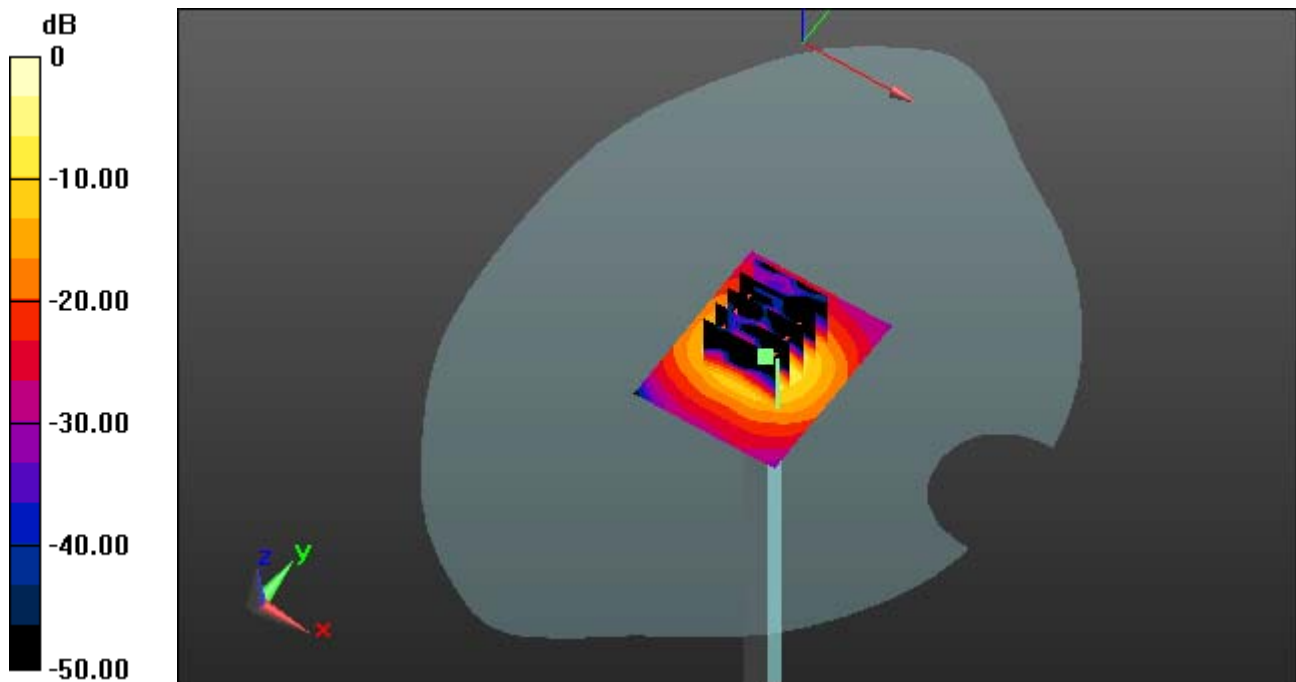
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.676 mW/g

SAR(1 g) = 7.57 mW/g; SAR(10 g) = 2.12 mW/g



0 dB = 16.4 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.327$ mho/m; $\epsilon_r = 48.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.31, 4.31, 4.31); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5300 MHz System Verification

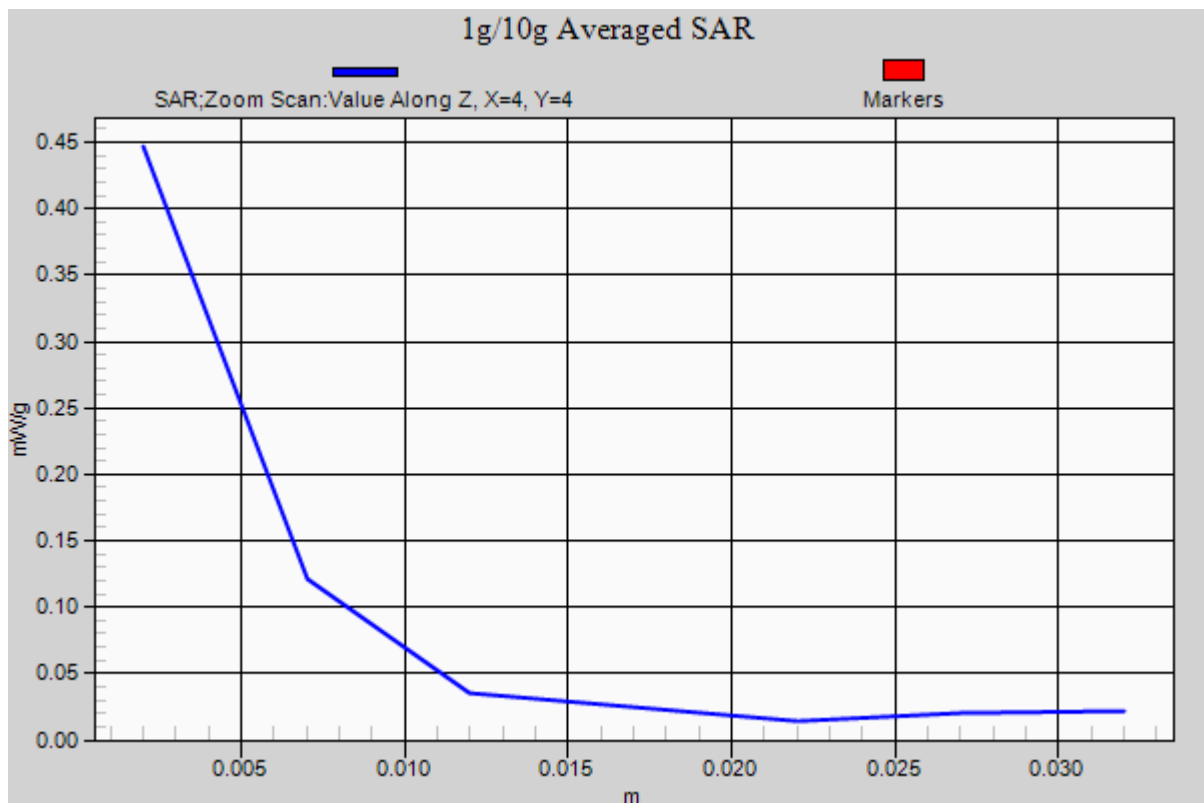
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.676 mW/g

SAR(1 g) = 7.57 mW/g; SAR(10 g) = 2.12 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.597$ mho/m; $\epsilon_r = 47.854$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4, 4, 4); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5500 MHz System Verification

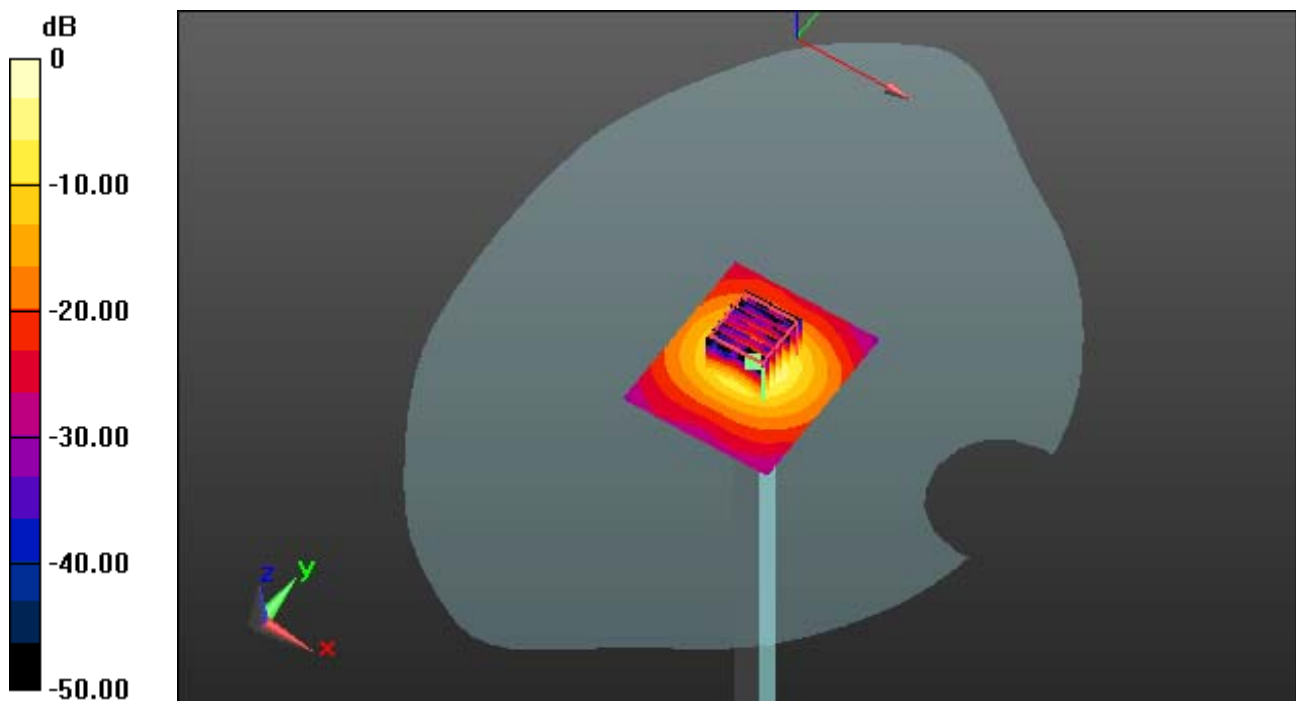
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.772 mW/g

SAR(1 g) = 8.1 mW/g; SAR(10 g) = 2.26 mW/g



0 dB = 17.2 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.597$ mho/m; $\epsilon_r = 47.854$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4, 4, 4); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5500 MHz System Verification

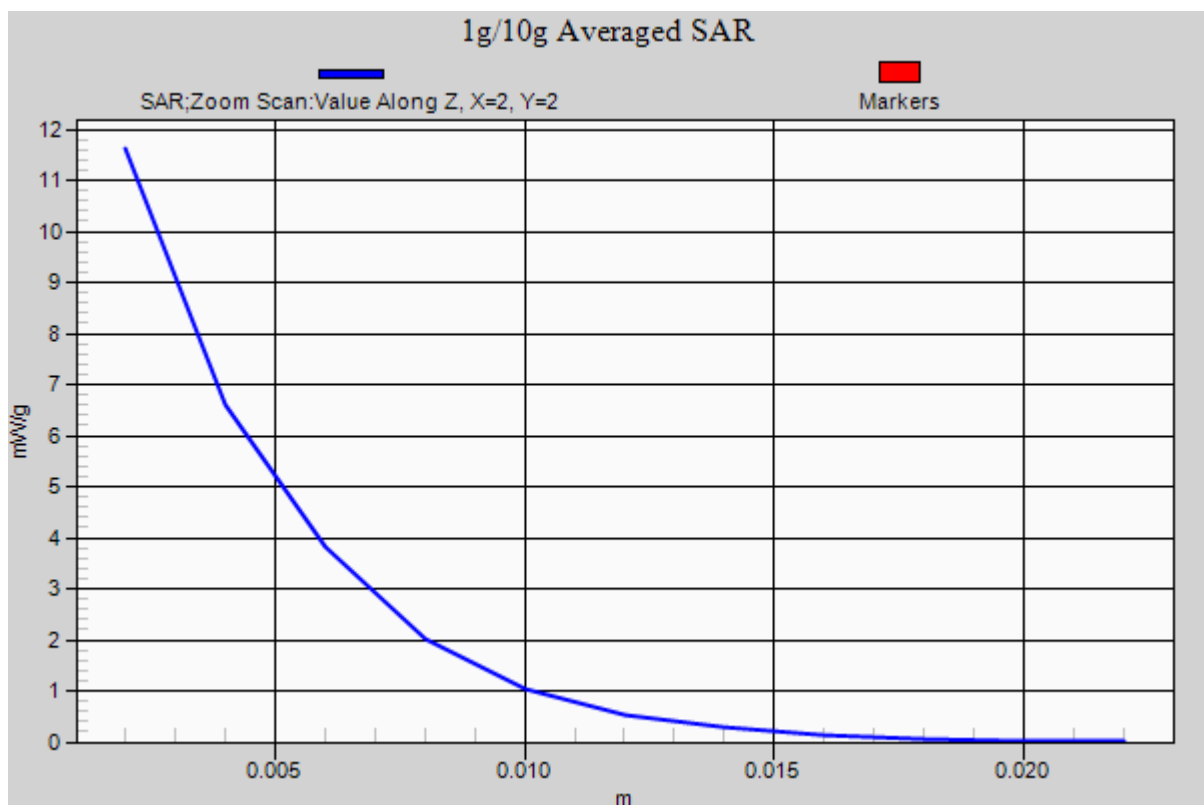
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.772 mW/g

SAR(1 g) = 8.1 mW/g; SAR(10 g) = 2.26 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.734$ mho/m; $\epsilon_r = 47.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(3.94, 3.94, 3.94); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5600 MHz System Verification

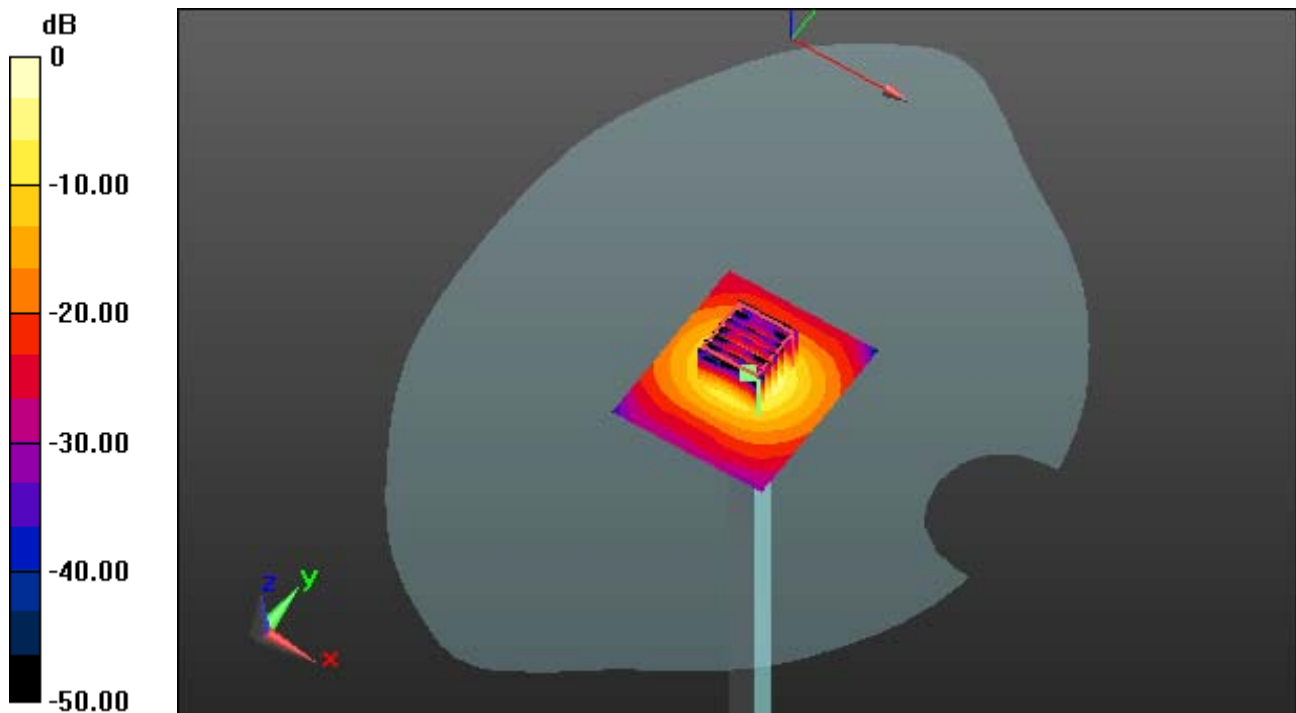
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.910 mW/g

SAR(1 g) = 8.38 mW/g; SAR(10 g) = 2.33 mW/g



0 dB = 17.7 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.734$ mho/m; $\epsilon_r = 47.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(3.94, 3.94, 3.94); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5600 MHz System Verification

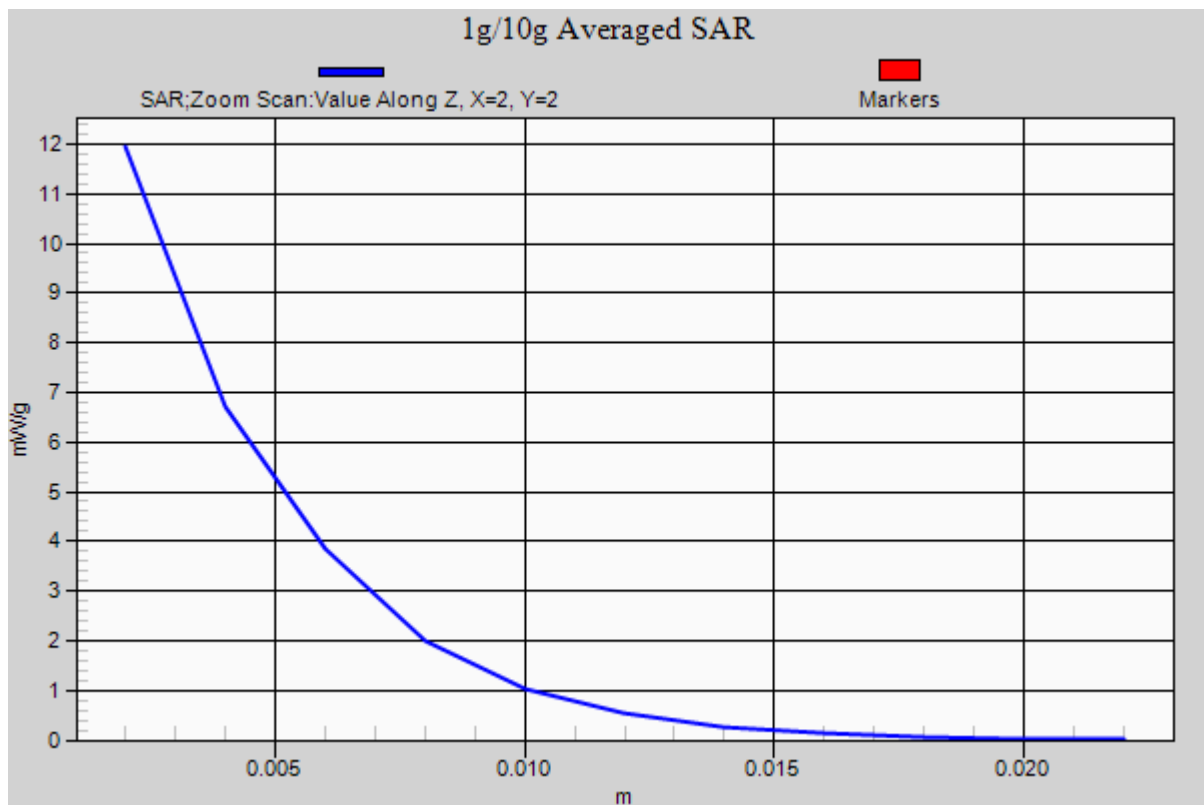
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.910 mW/g

SAR(1 g) = 8.38 mW/g; SAR(10 g) = 2.33 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.014$ mho/m; $\epsilon_r = 47.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5800 MHz System Verification

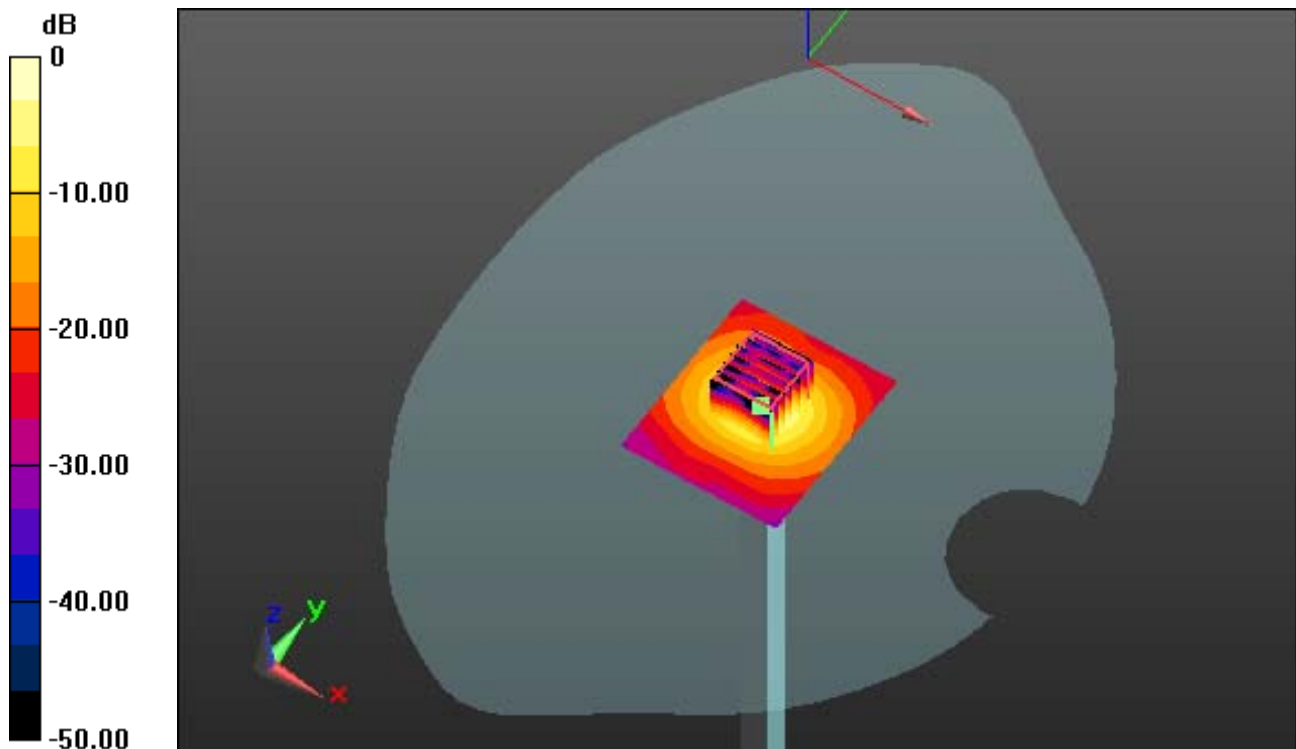
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 33.864 mW/g

SAR(1 g) = 7.98 mW/g; SAR(10 g) = 2.27 mW/g



0 dB = 17.8 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.014$ mho/m; $\epsilon_r = 47.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-08; Ambient Temp: 21.9; Tissue Temp: 22.4

5800 MHz System Verification

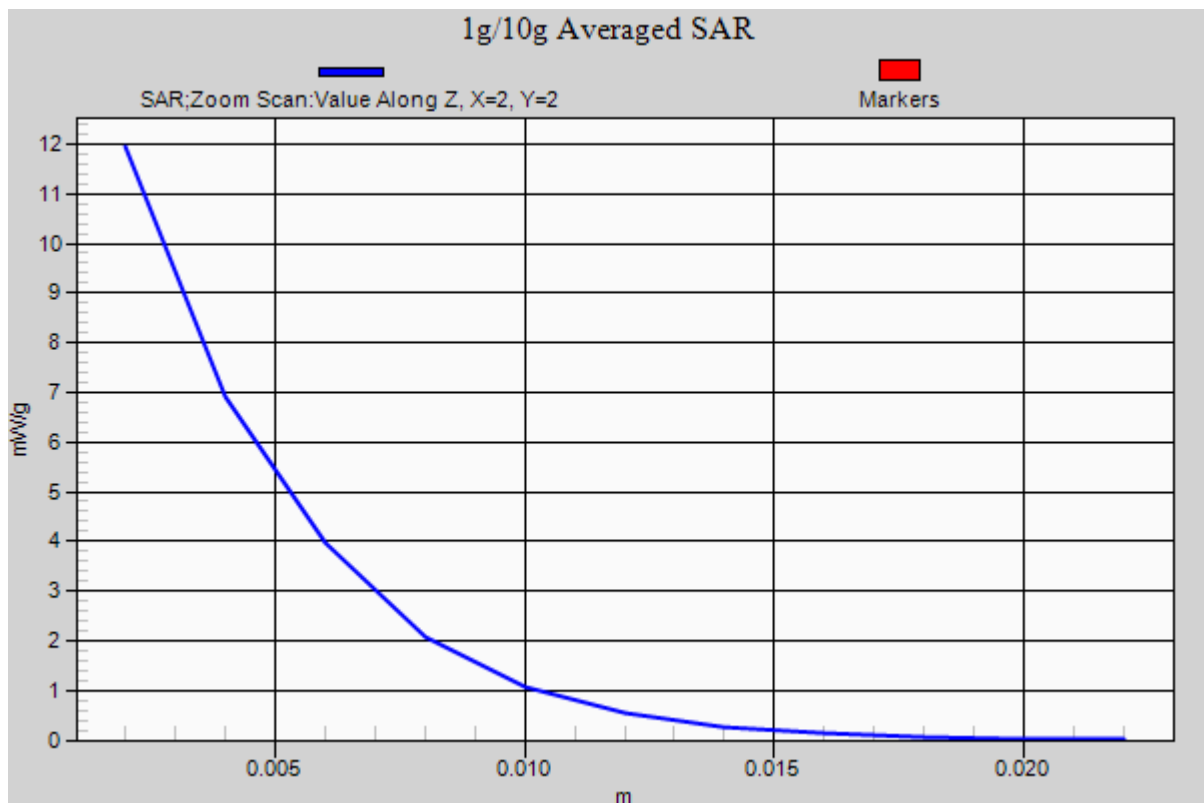
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 33.864 mW/g

SAR(1 g) = 7.98 mW/g; SAR(10 g) = 2.27 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.697$ mho/m; $\epsilon_r = 36.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.22, 5.22, 5.22); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5200 MHz System Verification

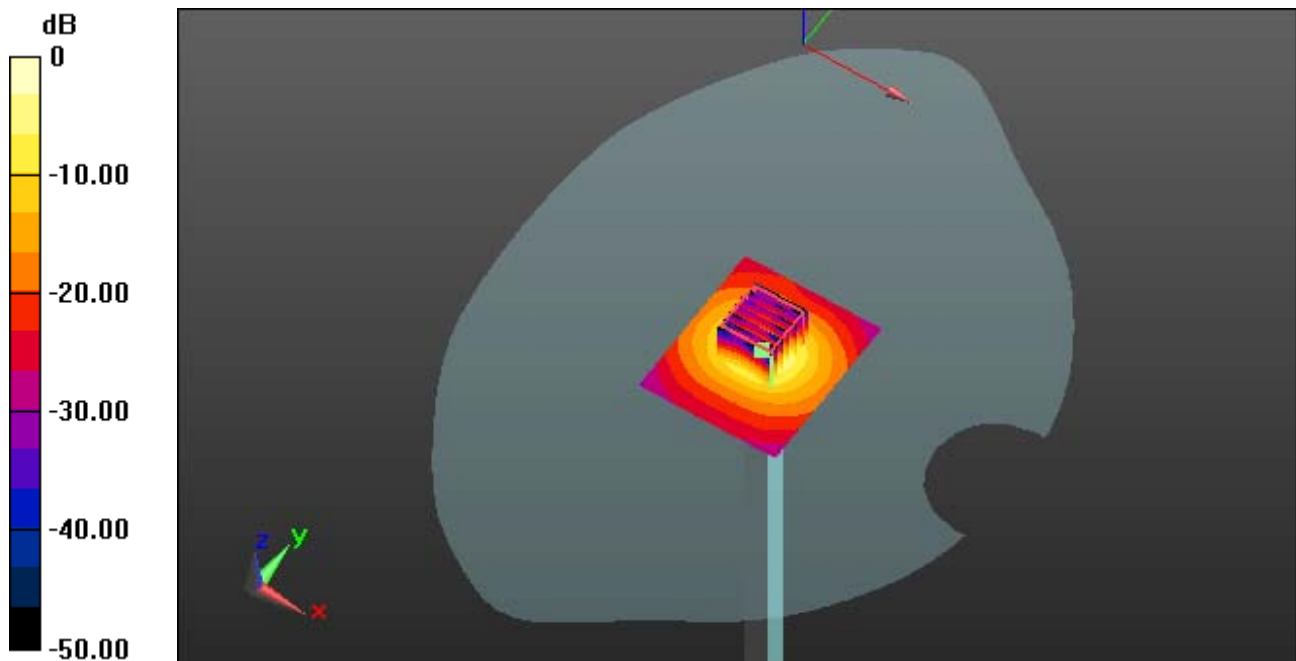
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 35.140 mW/g

SAR(1 g) = 7.69 mW/g; SAR(10 g) = 2.33 mW/g



0 dB = 16.1 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.697$ mho/m; $\epsilon_r = 36.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.22, 5.22, 5.22); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5200 MHz System Verification

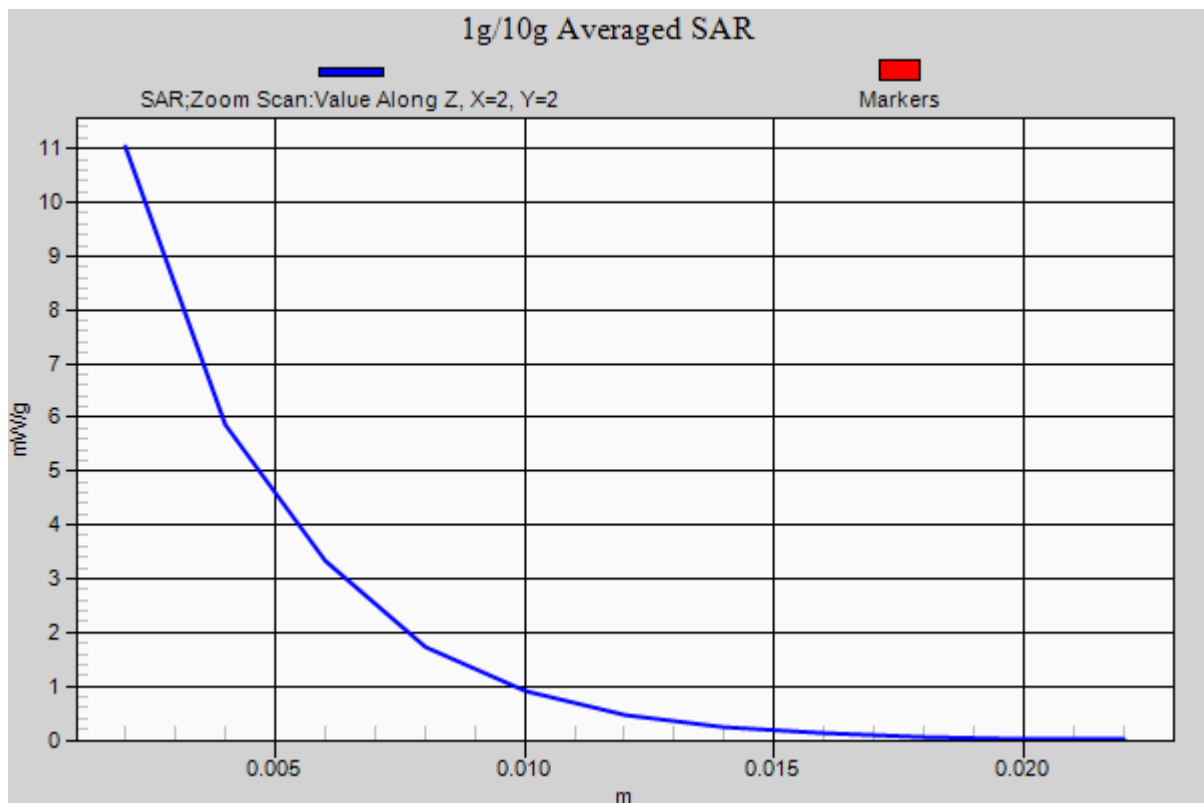
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 35.140 mW/g

SAR(1 g) = 7.69 mW/g; SAR(10 g) = 2.33 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.811$ mho/m; $\epsilon_r = 36.599$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5300 MHz System Verification

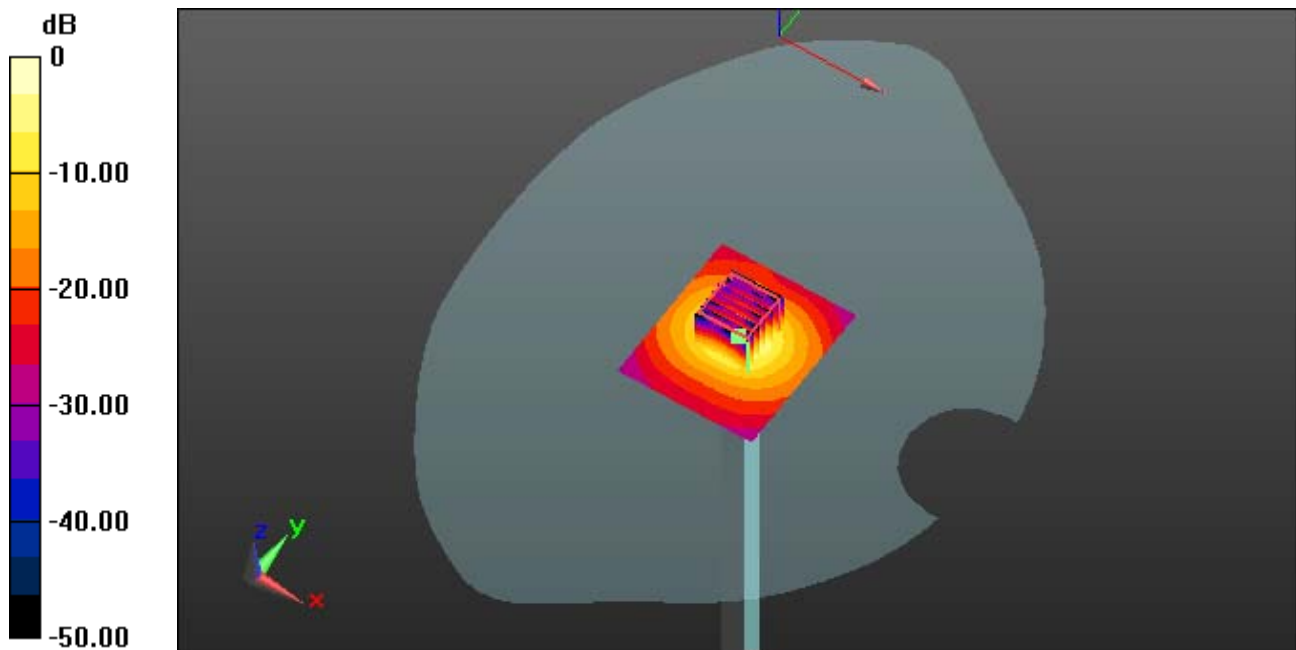
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 36.734 mW/g

SAR(1 g) = 8.25 mW/g; SAR(10 g) = 2.29 mW/g



0 dB = 17.3 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.811$ mho/m; $\epsilon_r = 36.599$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5300 MHz System Verification

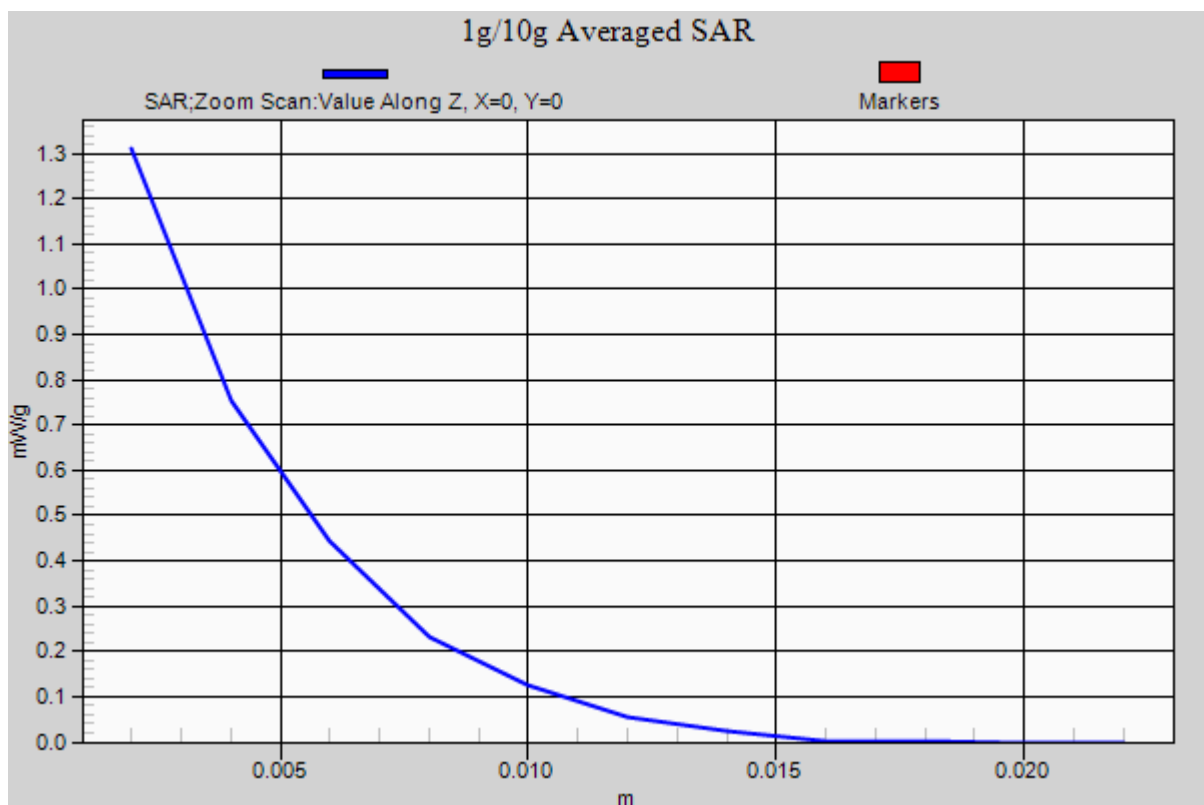
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 36.734 mW/g

SAR(1 g) = 8.25 mW/g; SAR(10 g) = 2.29 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.048$ mho/m; $\epsilon_r = 36.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.99, 4.99, 4.99); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5500 MHz System Verification

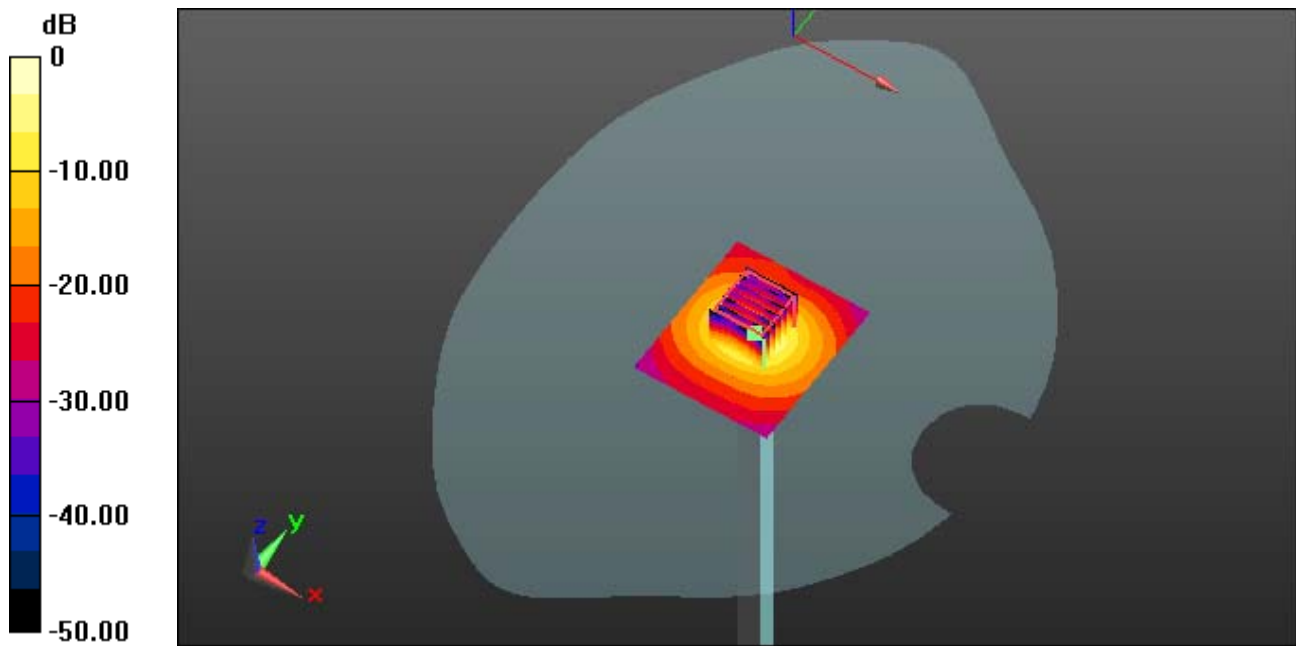
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 37.769 mW/g

SAR(1 g) = 8.49 mW/g; SAR(10 g) = 2.36 mW/g



0 dB = 17.7 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.048$ mho/m; $\epsilon_r = 36.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.99, 4.99, 4.99); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5500 MHz System Verification

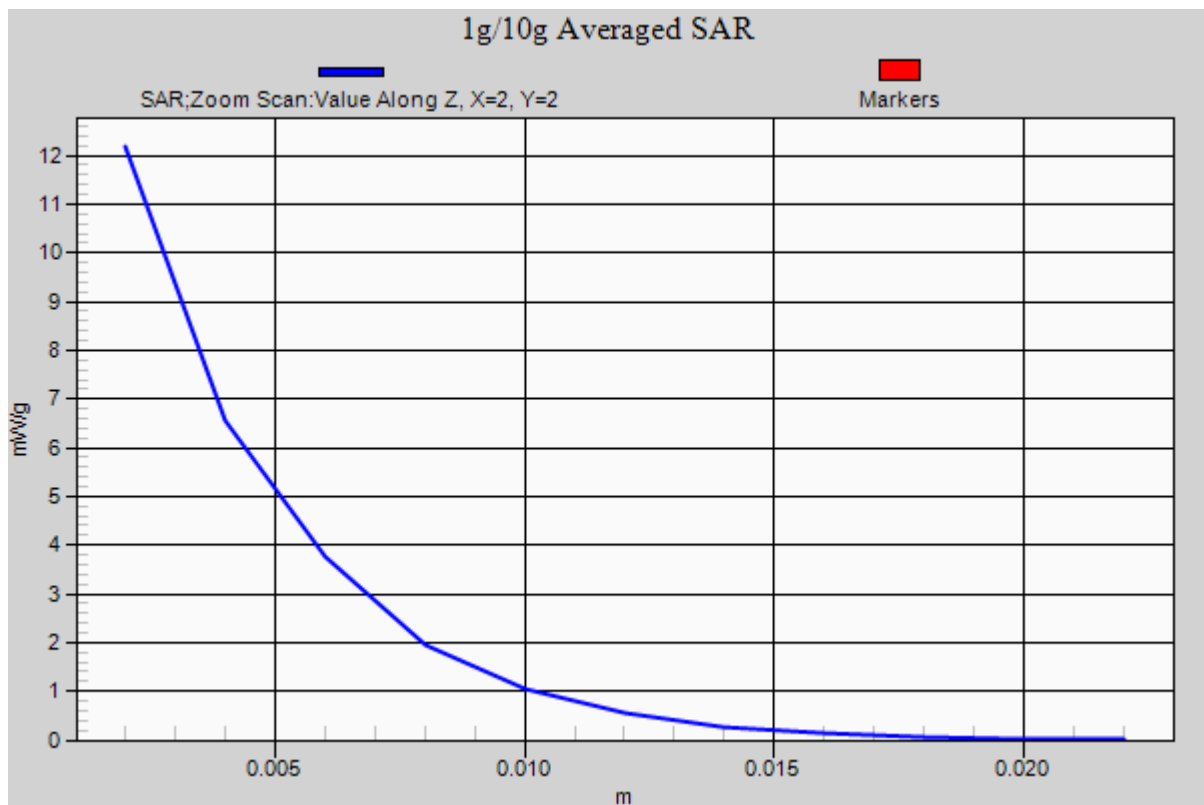
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 37.769 mW/g

SAR(1 g) = 8.49 mW/g; SAR(10 g) = 2.36 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.169$ mho/m; $\epsilon_r = 36.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5600 MHz System Verification

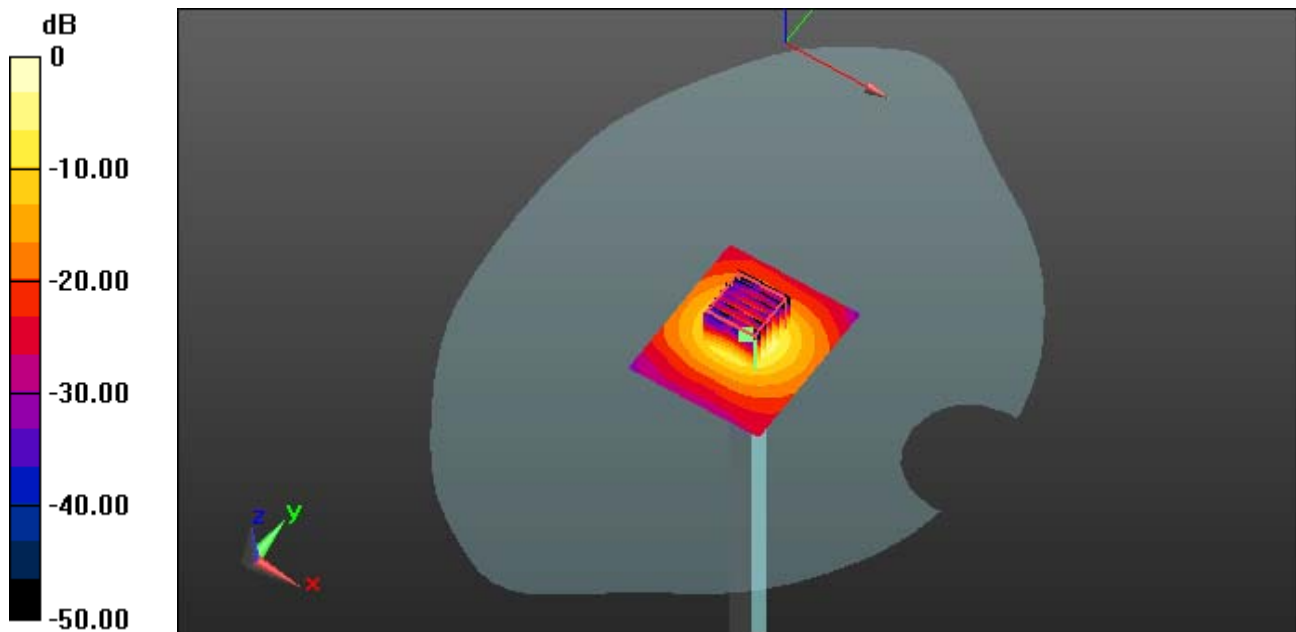
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 39.080 mW/g

SAR(1 g) = 8.59 mW/g; SAR(10 g) = 2.4 mW/g



0 dB = 17.9 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.169$ mho/m; $\epsilon_r = 36.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5600 MHz System Verification

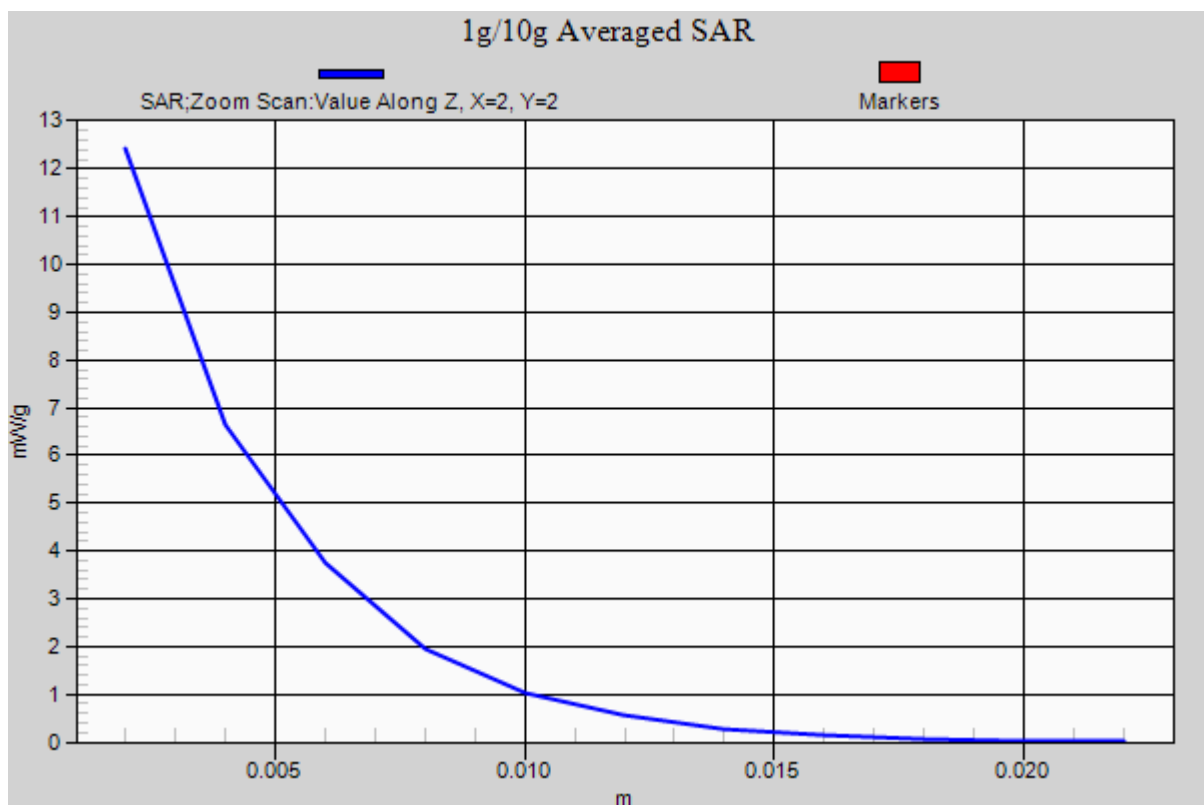
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 39.080 mW/g

SAR(1 g) = 8.59 mW/g; SAR(10 g) = 2.4 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.408$ mho/m; $\epsilon_r = 35.701$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5800 MHz System Verification

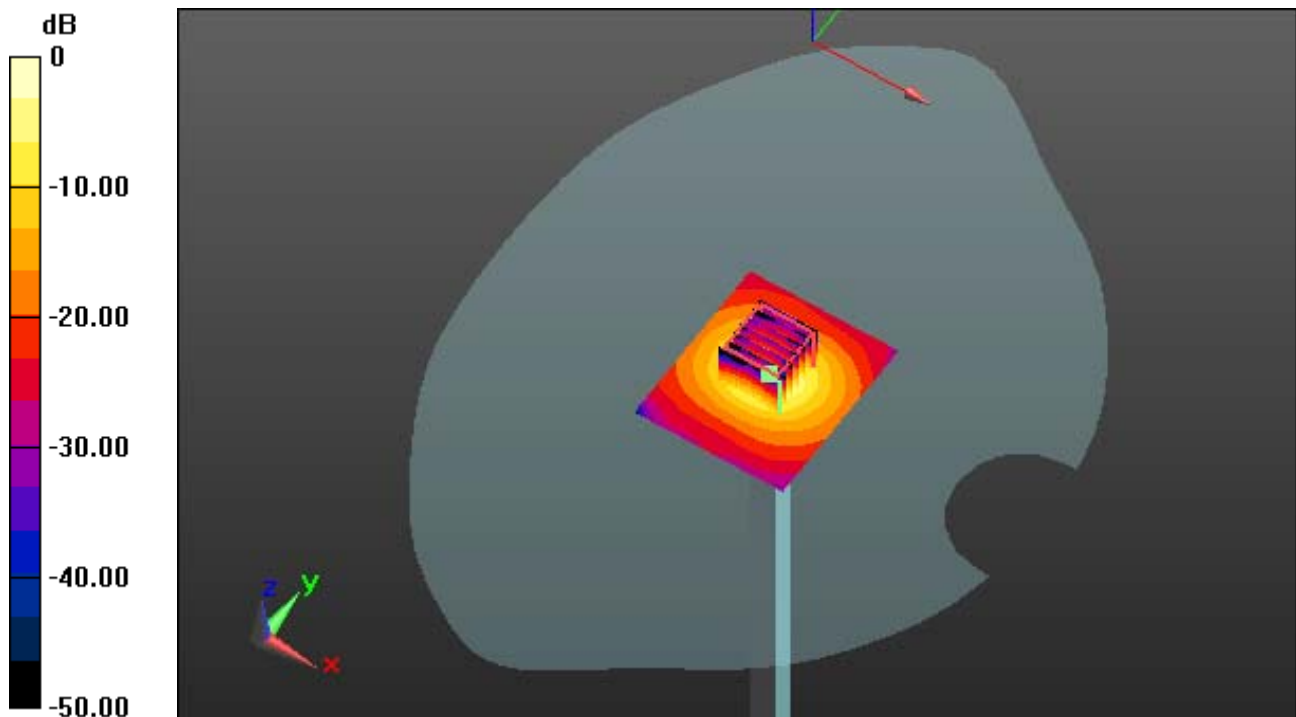
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 39.047 mW/g

SAR(1 g) = 8.56 mW/g; SAR(10 g) = 2.44 mW/g



0 dB = 19.9 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.408 \text{ mho/m}$; $\epsilon_r = 35.701$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5800 MHz System Verification

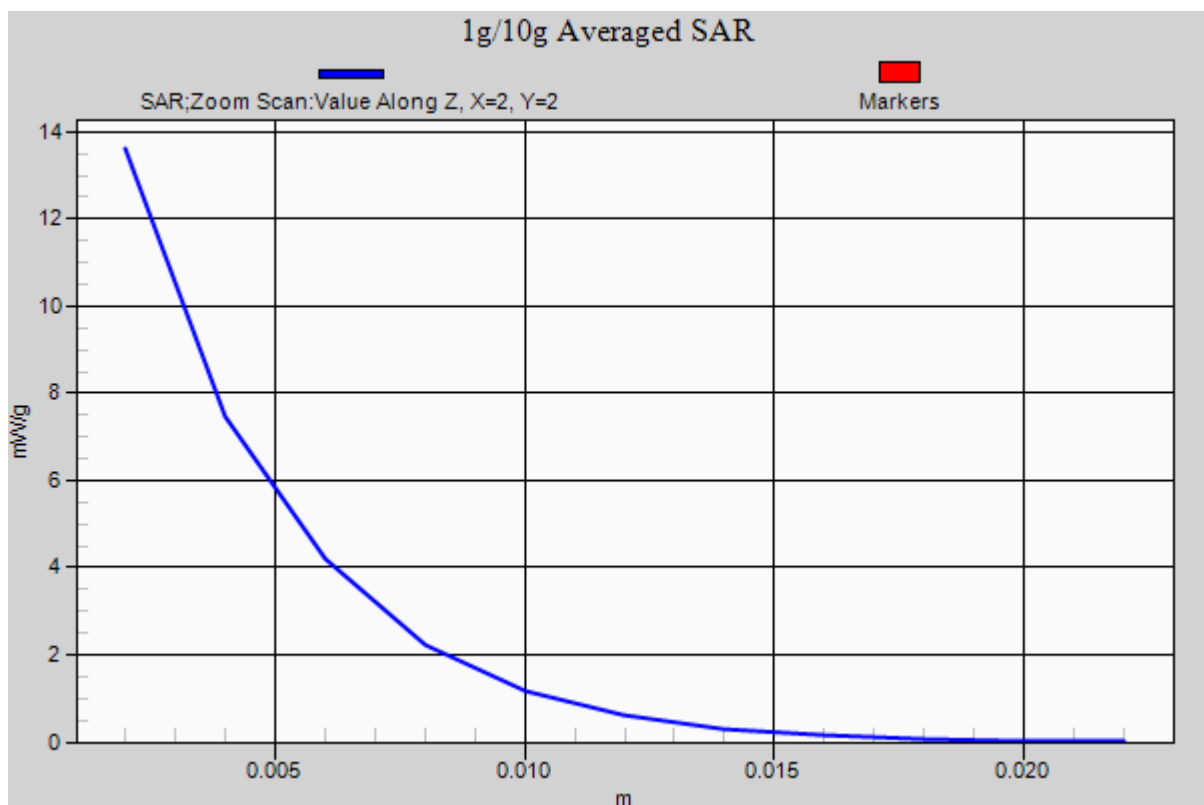
Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 39.047 mW/g

SAR(1 g) = 8.56 mW/g; SAR(10 g) = 2.44 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.195$ mho/m; $\epsilon_r = 48.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5200 MHz System Verification

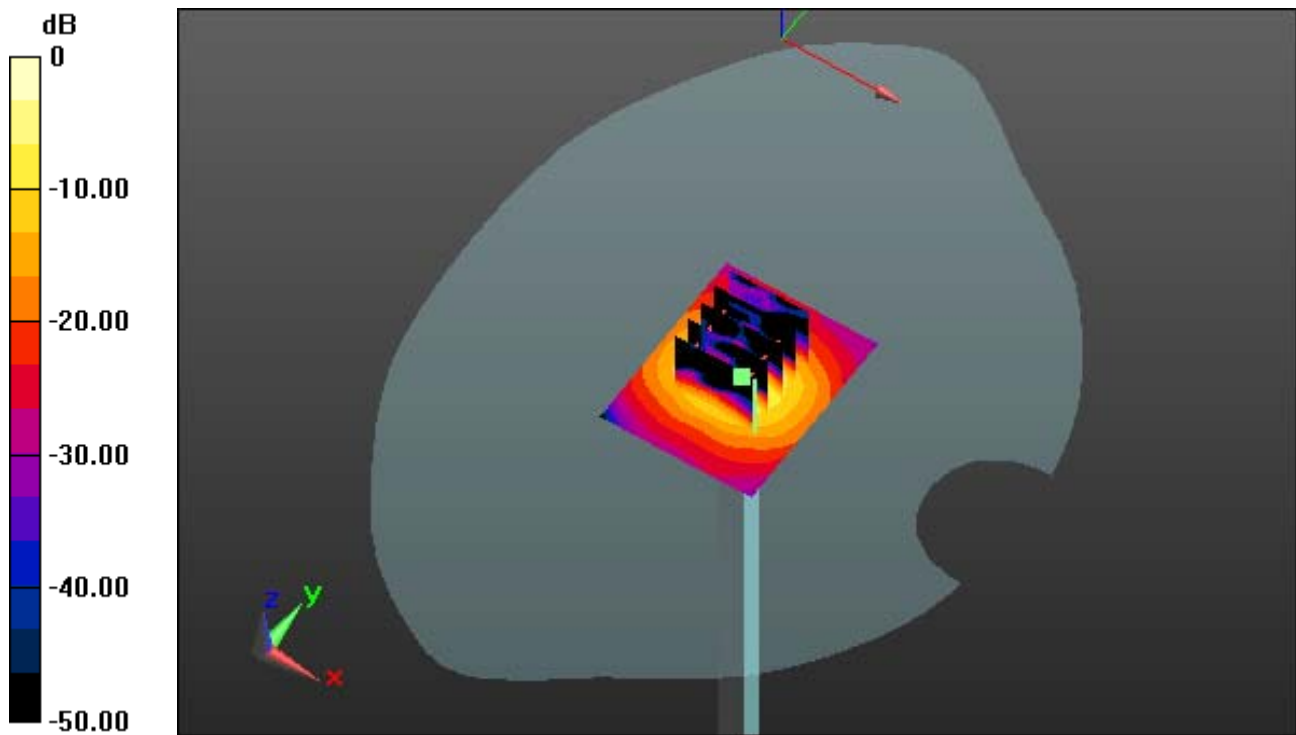
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 31.106 mW/g

SAR(1 g) = 7.04 mW/g; SAR(10 g) = 1.96 mW/g



0 dB = 15.2 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.195$ mho/m; $\epsilon_r = 48.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5200 MHz System Verification

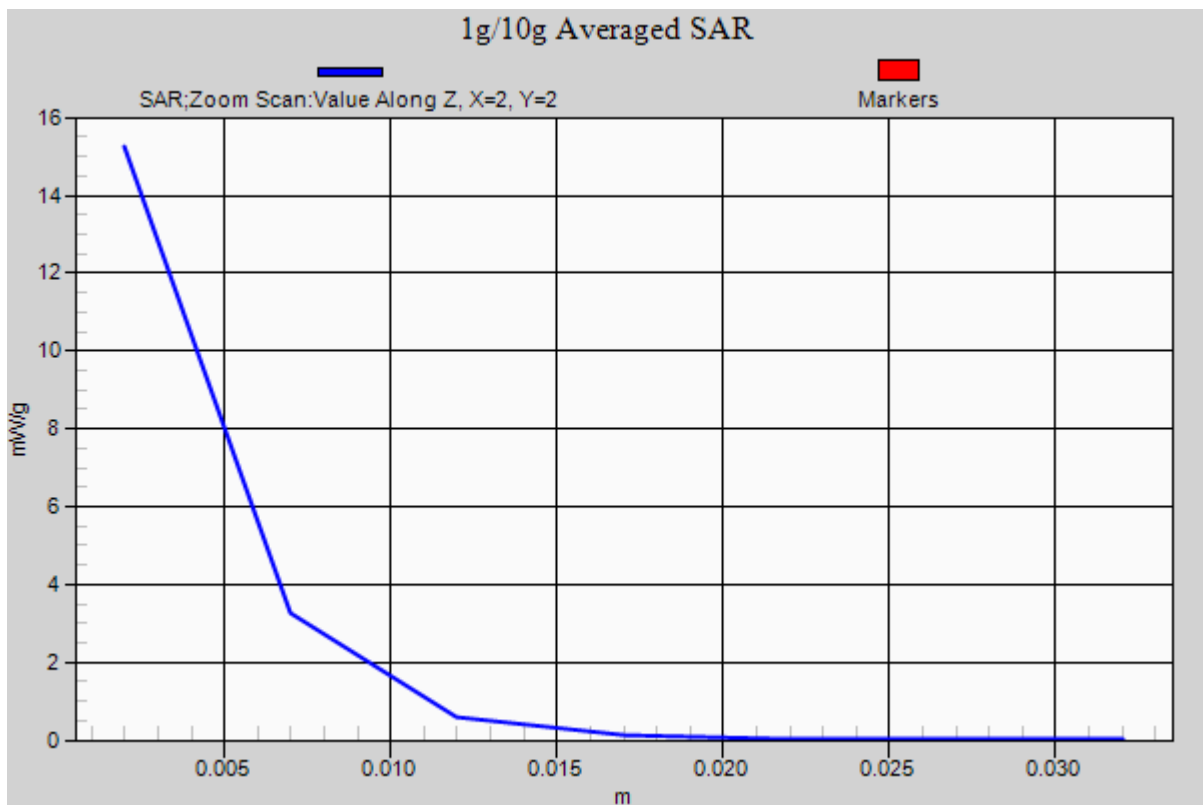
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 31.106 mW/g

SAR(1 g) = 7.04 mW/g; SAR(10 g) = 1.96 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.329$ mho/m; $\epsilon_r = 48.179$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.31, 4.31, 4.31); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5300 MHz System Verification

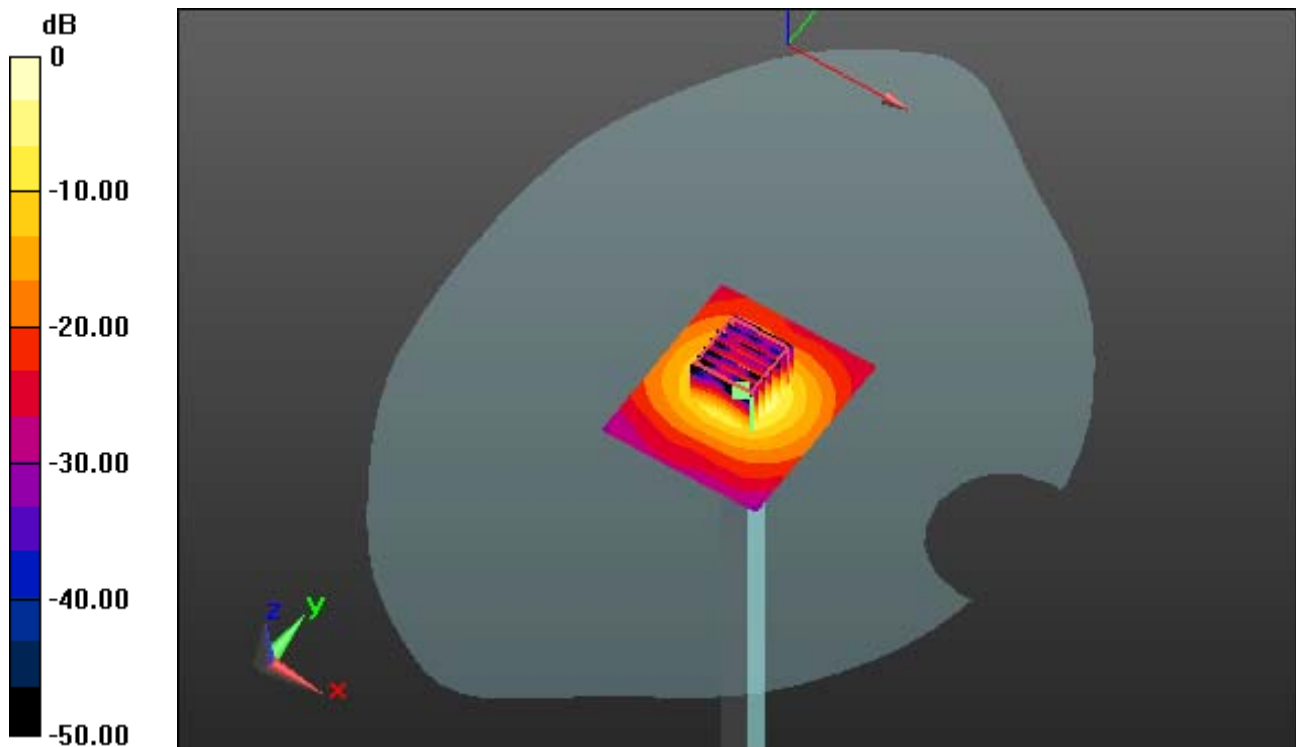
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 30.334 mW/g

SAR(1 g) = 7.3 mW/g; SAR(10 g) = 2.03 mW/g



0 dB = 15.5 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.329$ mho/m; $\epsilon_r = 48.179$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.31, 4.31, 4.31); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5300 MHz System Verification

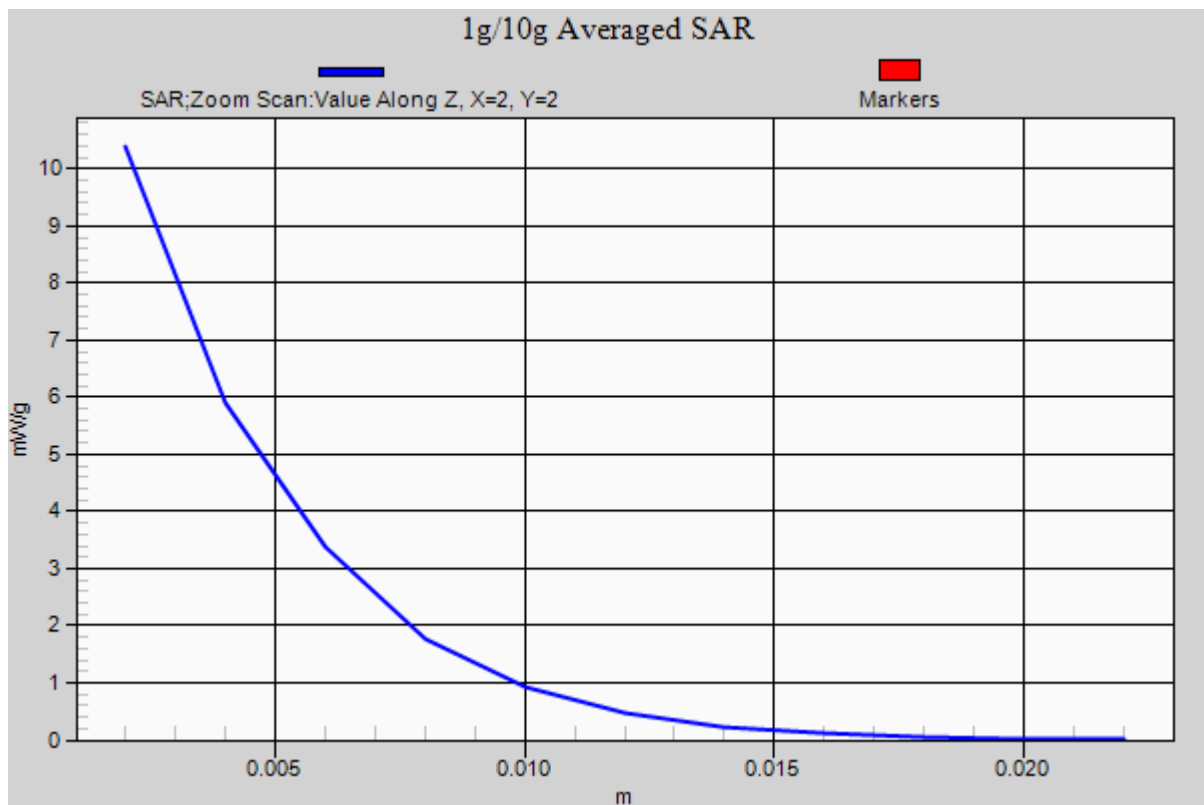
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 30.334 mW/g

SAR(1 g) = 7.3 mW/g; SAR(10 g) = 2.03 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.598$ mho/m; $\epsilon_r = 47.822$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4, 4, 4); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5500 MHz System Verification

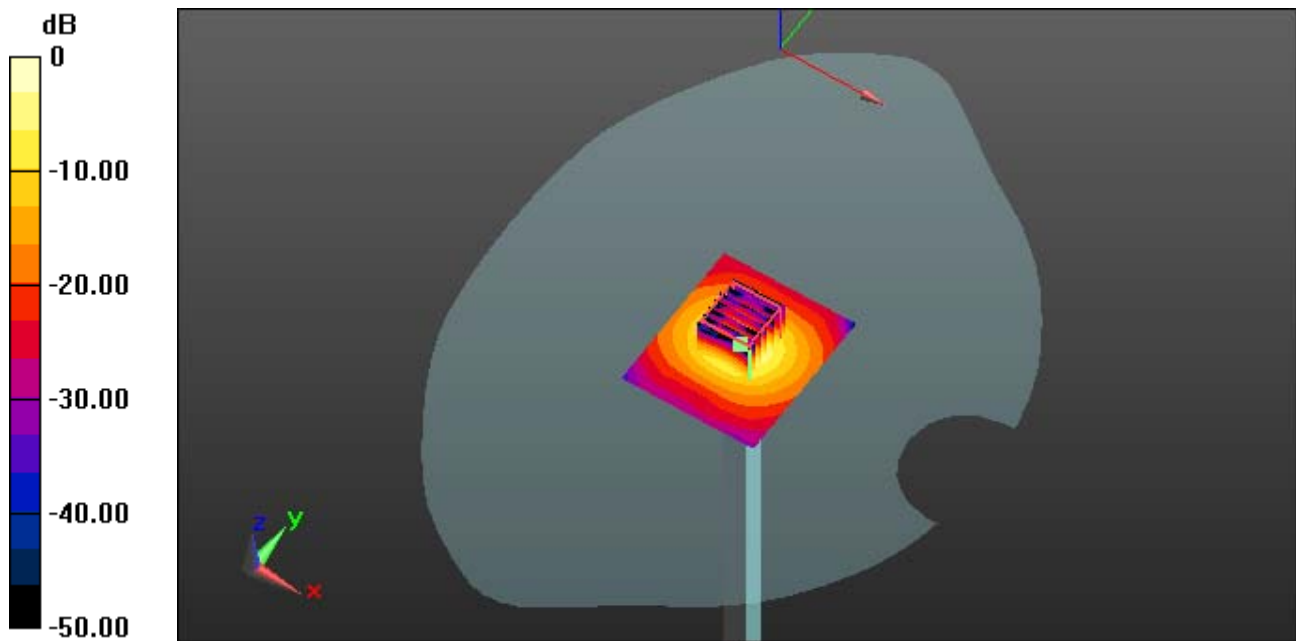
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 31.901 mW/g

SAR(1 g) = 7.89 mW/g; SAR(10 g) = 2.2 mW/g



0 dB = 16.7 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.598$ mho/m; $\epsilon_r = 47.822$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4, 4, 4); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5500 MHz System Verification

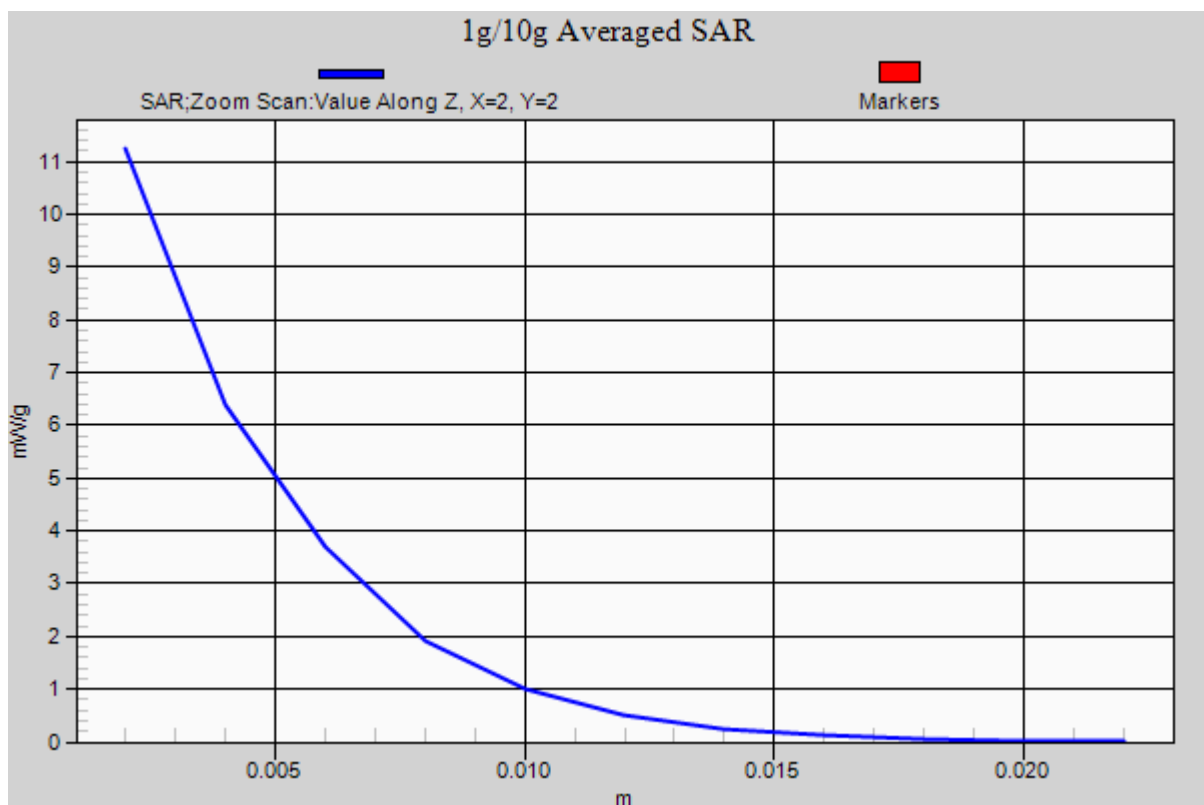
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 31.901 mW/g

SAR(1 g) = 7.89 mW/g; SAR(10 g) = 2.2 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.735$ mho/m; $\epsilon_r = 47.636$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(3.94, 3.94, 3.94); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5600 MHz System Verification

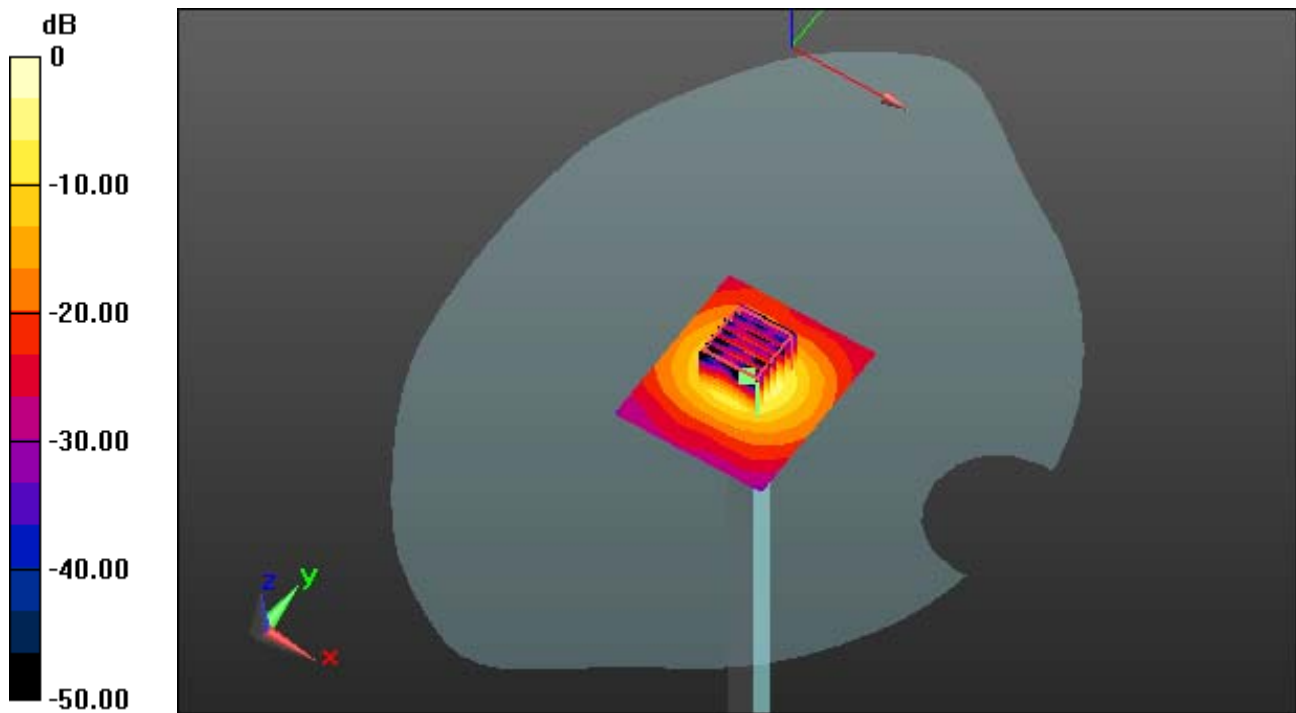
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 35.709 mW/g

SAR(1 g) = 8.59 mW/g; SAR(10 g) = 2.39 mW/g



0 dB = 18.2 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.735$ mho/m; $\epsilon_r = 47.636$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(3.94, 3.94, 3.94); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5600 MHz System Verification

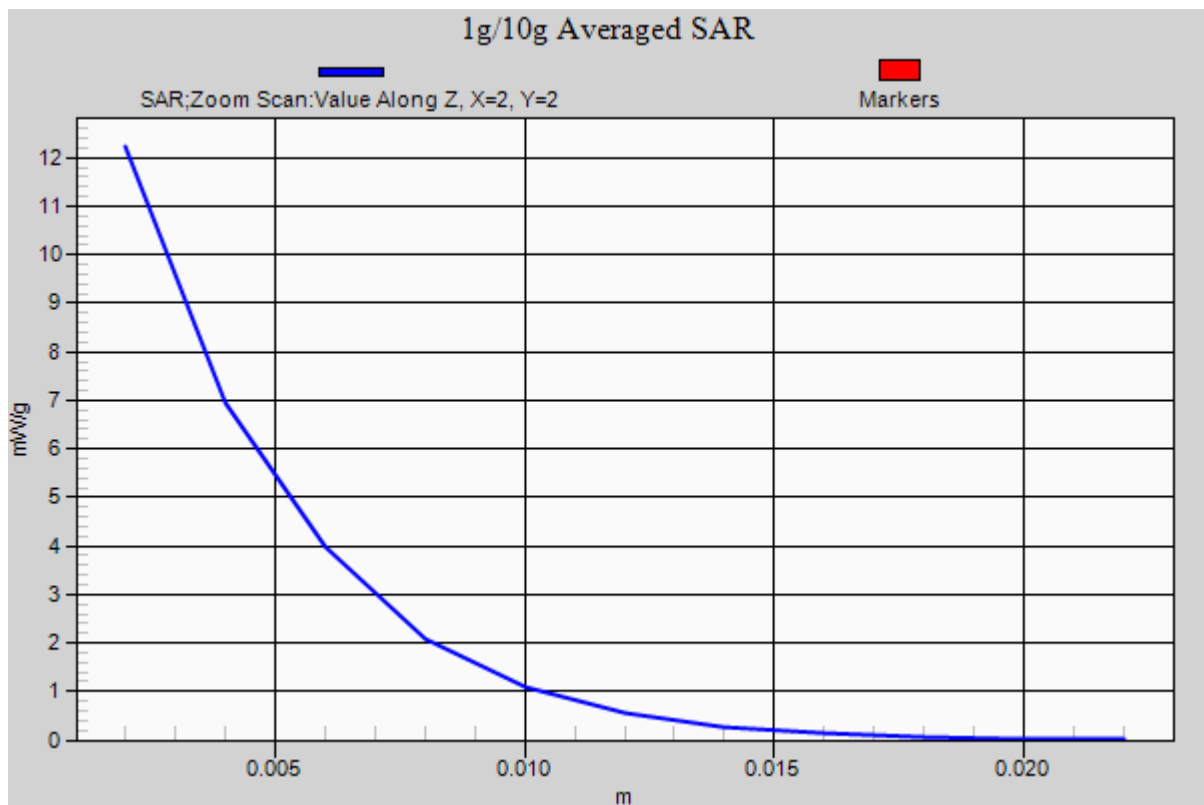
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 35.709 mW/g

SAR(1 g) = 8.59 mW/g; SAR(10 g) = 2.39 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 6.015 \text{ mho/m}$; $\epsilon_r = 47.297$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5800 MHz System Verification

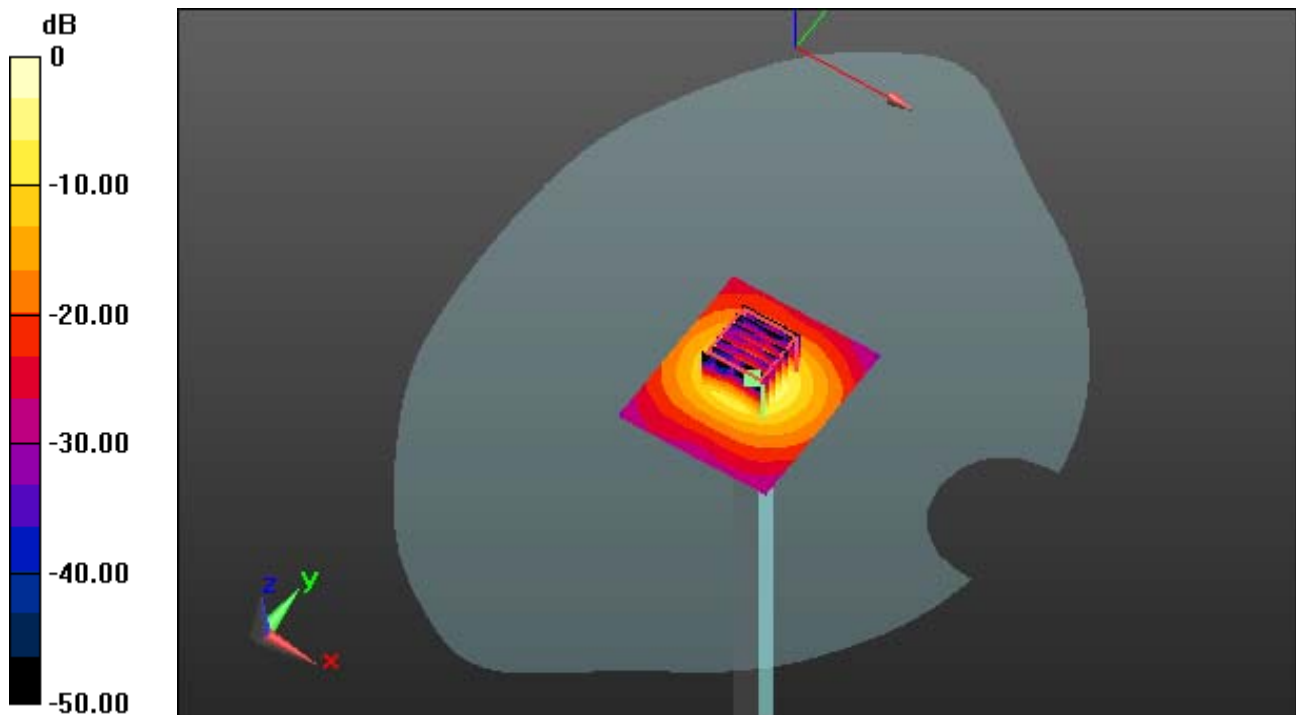
Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.004 mW/g

SAR(1 g) = 7.97 mW/g; SAR(10 g) = 2.14mW/g



0 dB = 17.9 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.015$ mho/m; $\epsilon_r = 47.297$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-10; Ambient Temp: 22.0; Tissue Temp: 22.5

5800 MHz System Verification

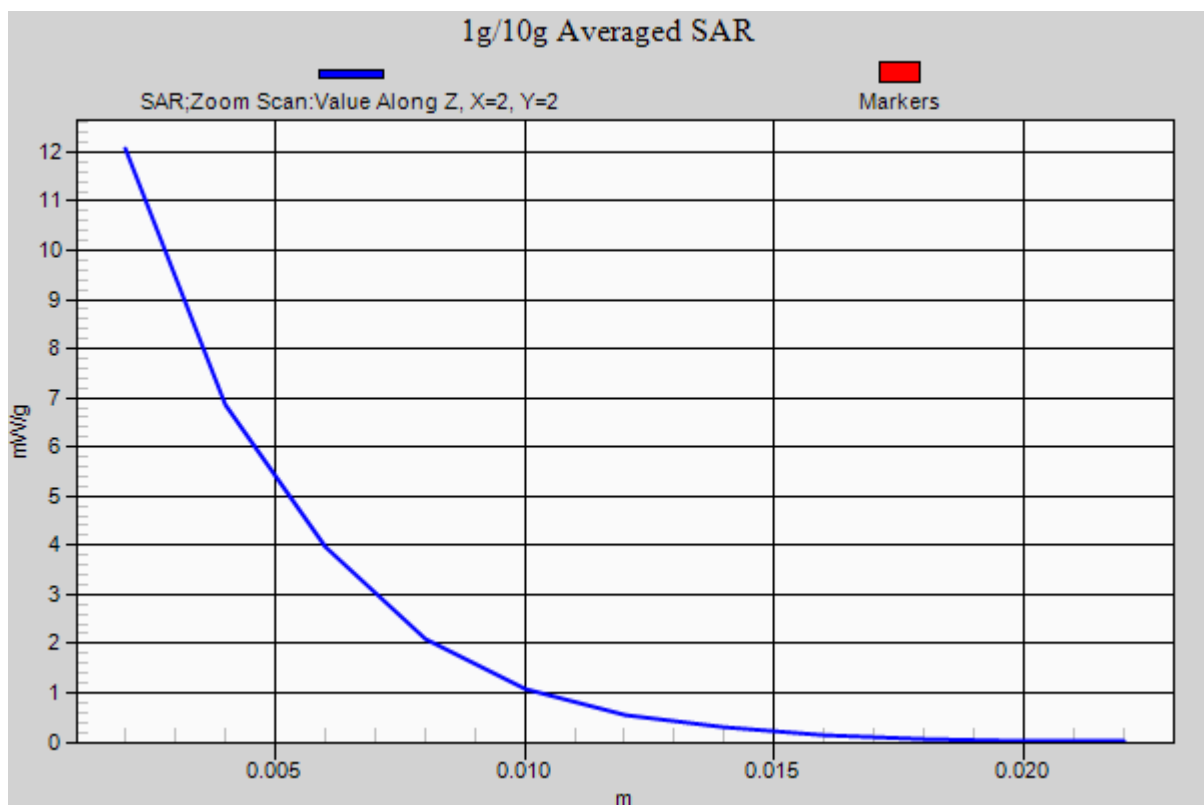
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.004 mW/g

SAR(1 g) = 7.97 mW/g; SAR(10 g) = 2.14 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.507$ mho/m; $\epsilon_r = 35.336$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.22, 5.22, 5.22); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5200 MHz System Verification

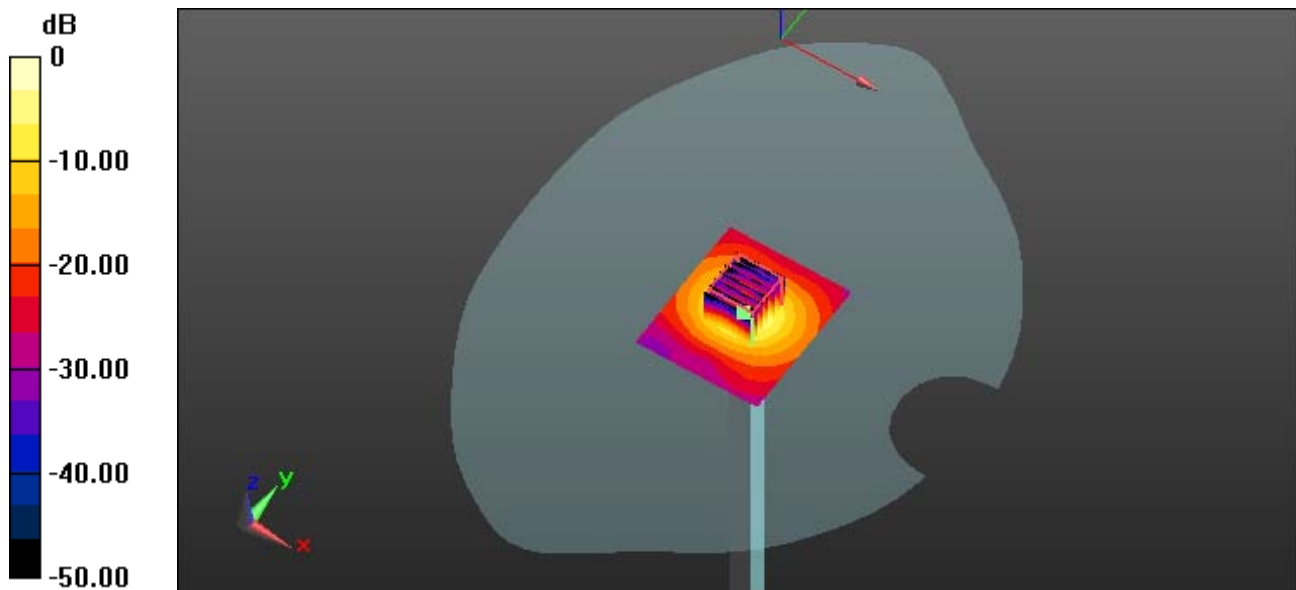
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 35.351 mW/g

SAR(1 g) = 8.03 mW/g; SAR(10 g) = 2.27 mW/g



0 dB = 14.0 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.507$ mho/m; $\epsilon_r = 35.336$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.22, 5.22, 5.22); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5200 MHz System Verification

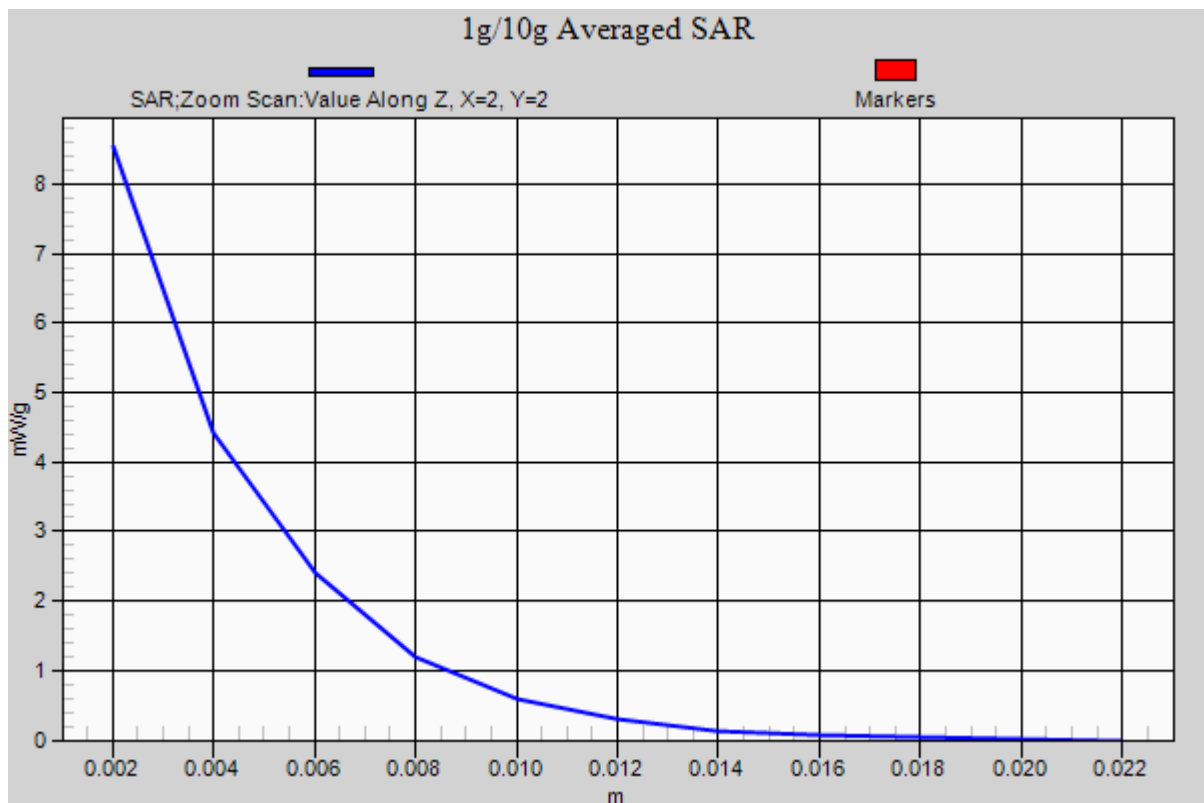
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 35.351 mW/g

SAR(1 g) = 8.03 mW/g; SAR(10 g) = 2.27 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.621$ mho/m; $\epsilon_r = 35.167$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5300 MHz System Verification

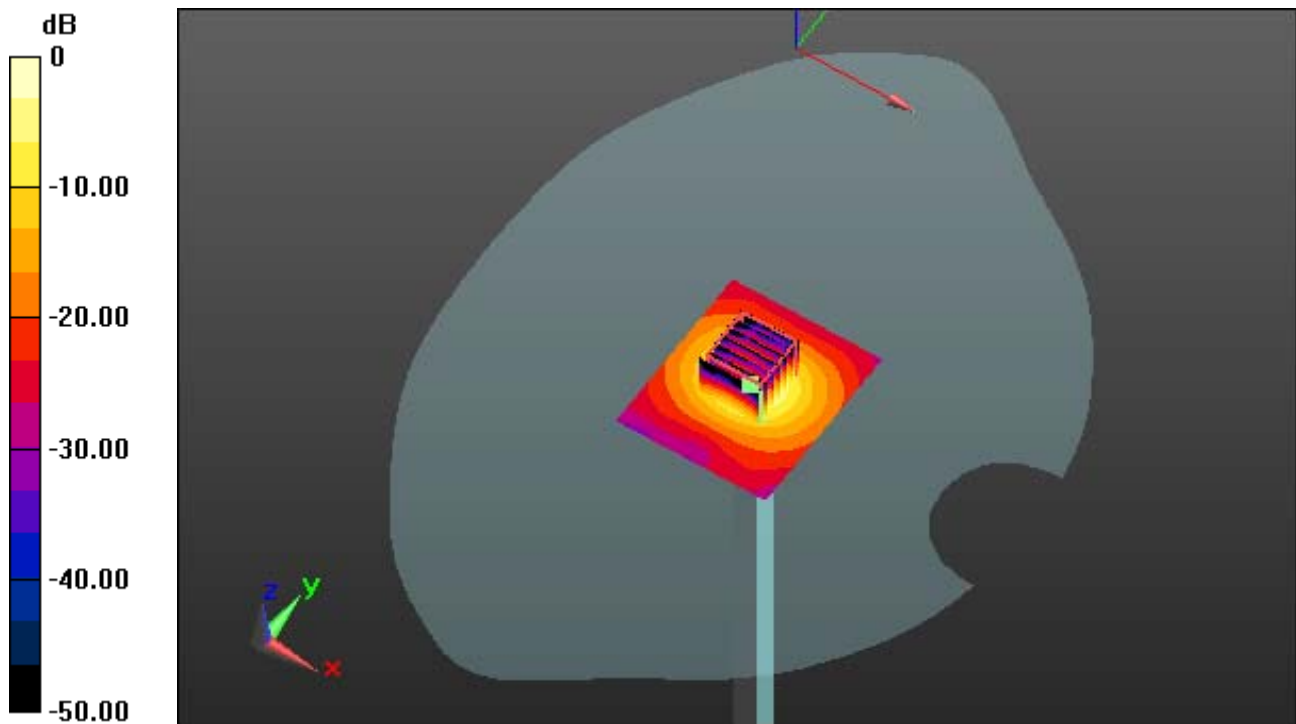
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 34.939 mW/g

SAR(1 g) = 7.69 mW/g; SAR(10 g) = 2.28 mW/g



0 dB = 14.7 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.621$ mho/m; $\epsilon_r = 35.167$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5300 MHz System Verification

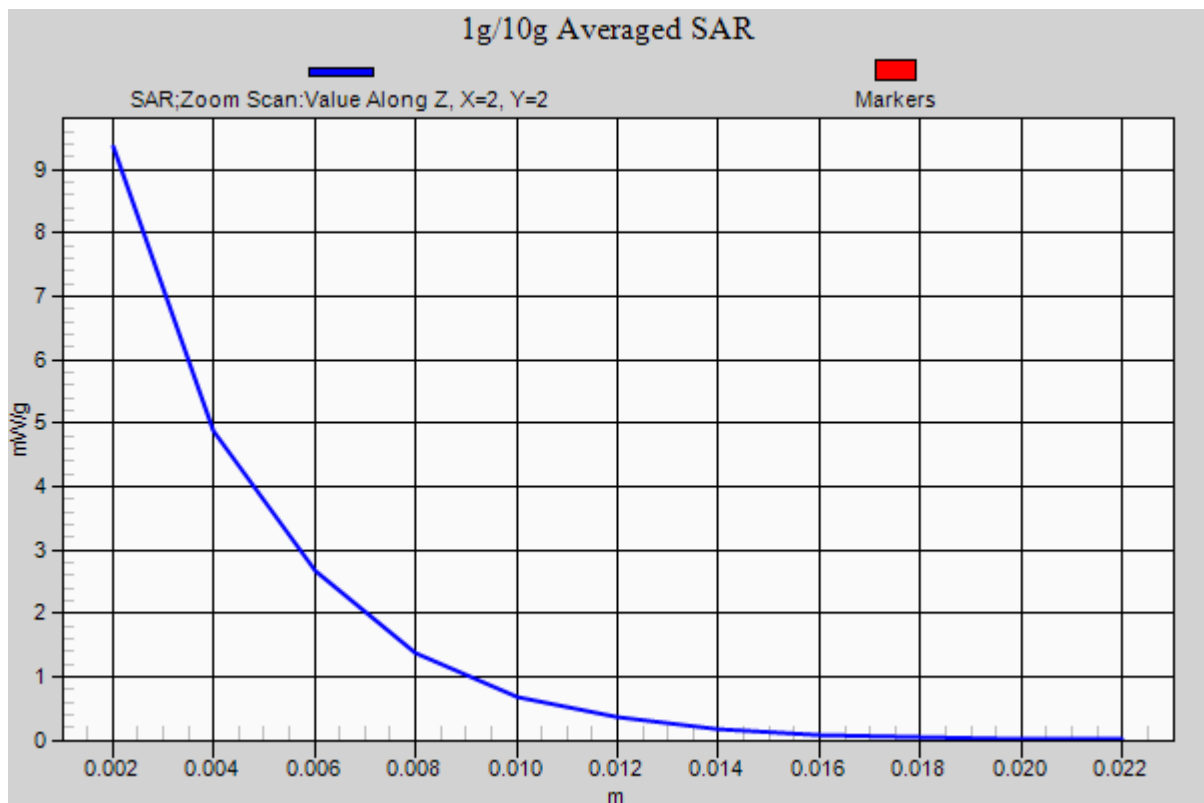
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 34.939 mW/g

SAR(1 g) = 7.69 mW/g; SAR(10 g) = 2.28 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.852$ mho/m; $\epsilon_r = 34.838$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.99, 4.99, 4.99); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5500 MHz System Verification

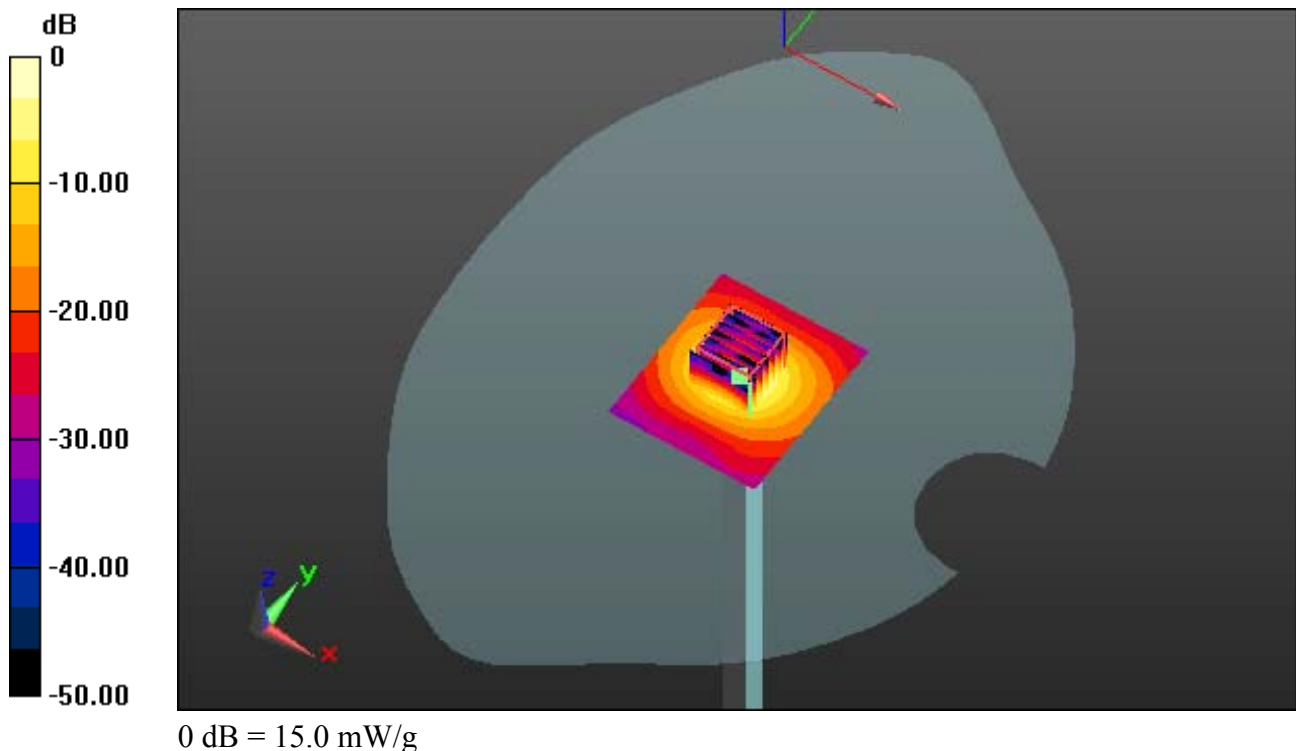
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 35.604 mW/g

SAR(1 g) = 8.19 mW/g; SAR(10 g) = 2.37 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.852$ mho/m; $\epsilon_r = 34.838$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.99, 4.99, 4.99); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5500 MHz System Verification

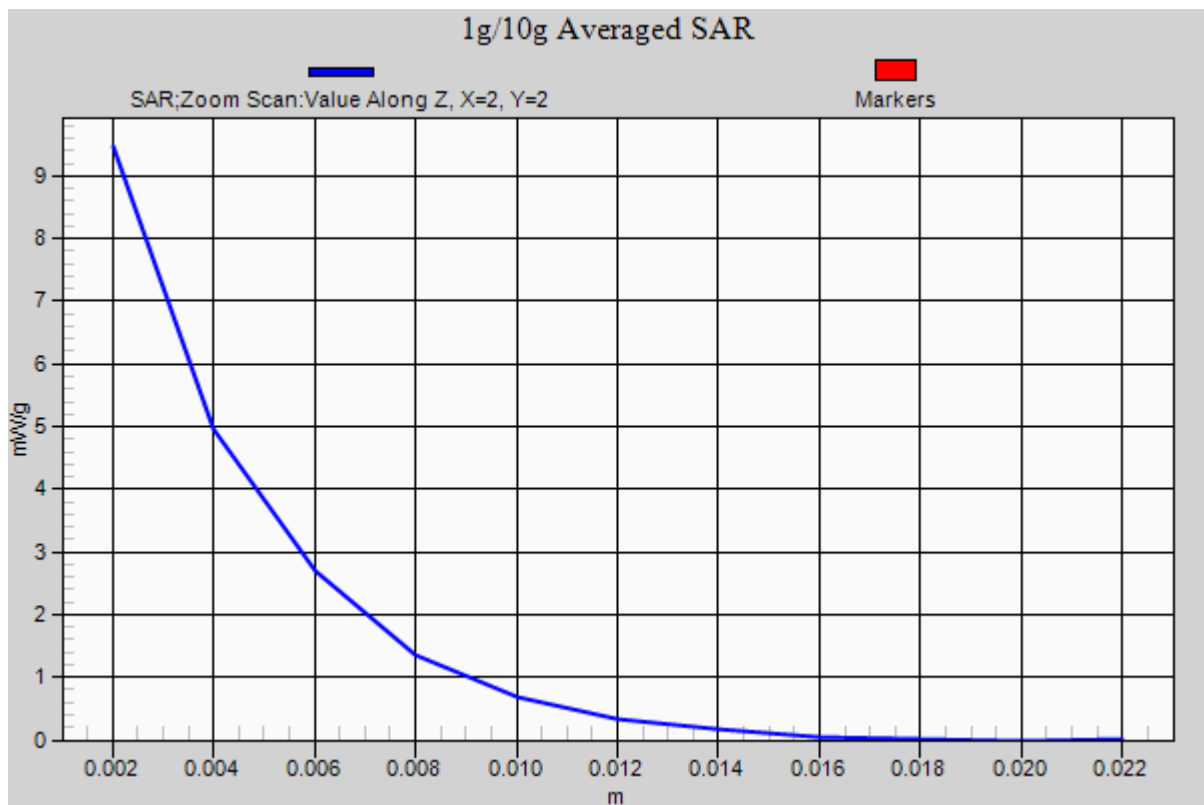
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 35.604 mW/g

SAR(1 g) = 8.19 mW/g; SAR(10 g) = 2.37 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1038

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.971$ mho/m; $\epsilon_r = 34.662$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5600 MHz System Verification

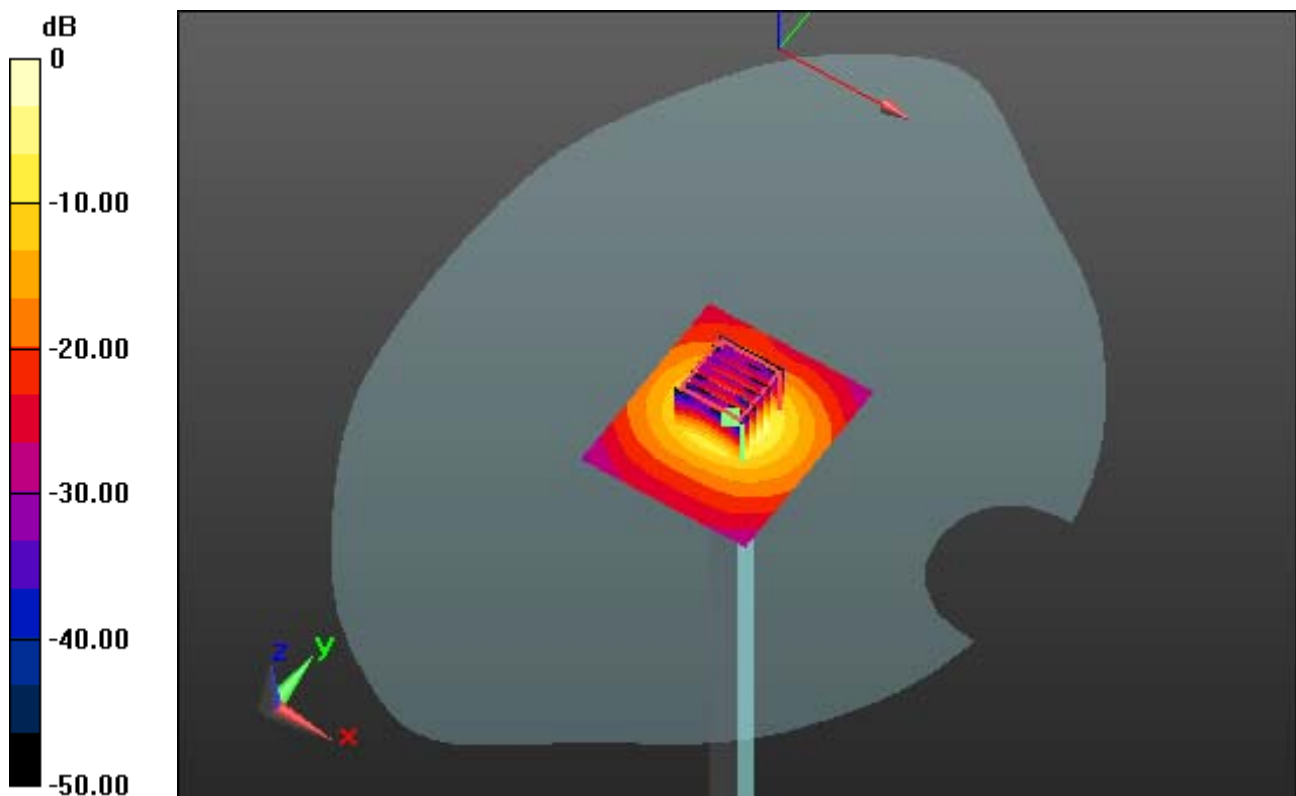
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 40.240 mW/g

SAR(1 g) = 8.82 mW/g; SAR(10 g) = 2.45 mW/g



0 dB = 18.4 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1038

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.971$ mho/m; $\epsilon_r = 34.662$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.79, 4.79, 4.79); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5600 MHz System Verification

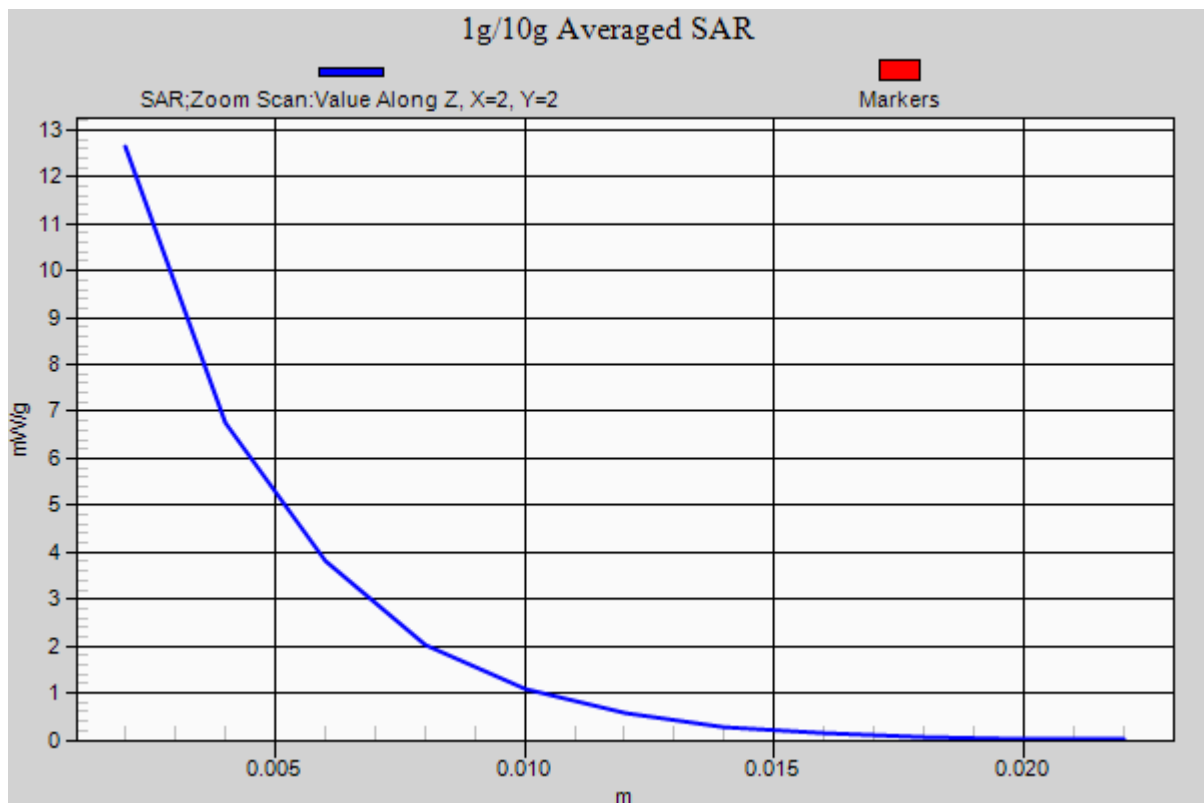
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 40.240 mW/g

SAR(1 g) = 8.82 mW/g; SAR(10 g) = 2.45 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1038

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.202$ mho/m; $\epsilon_r = 34.305$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5800 MHz System Verification

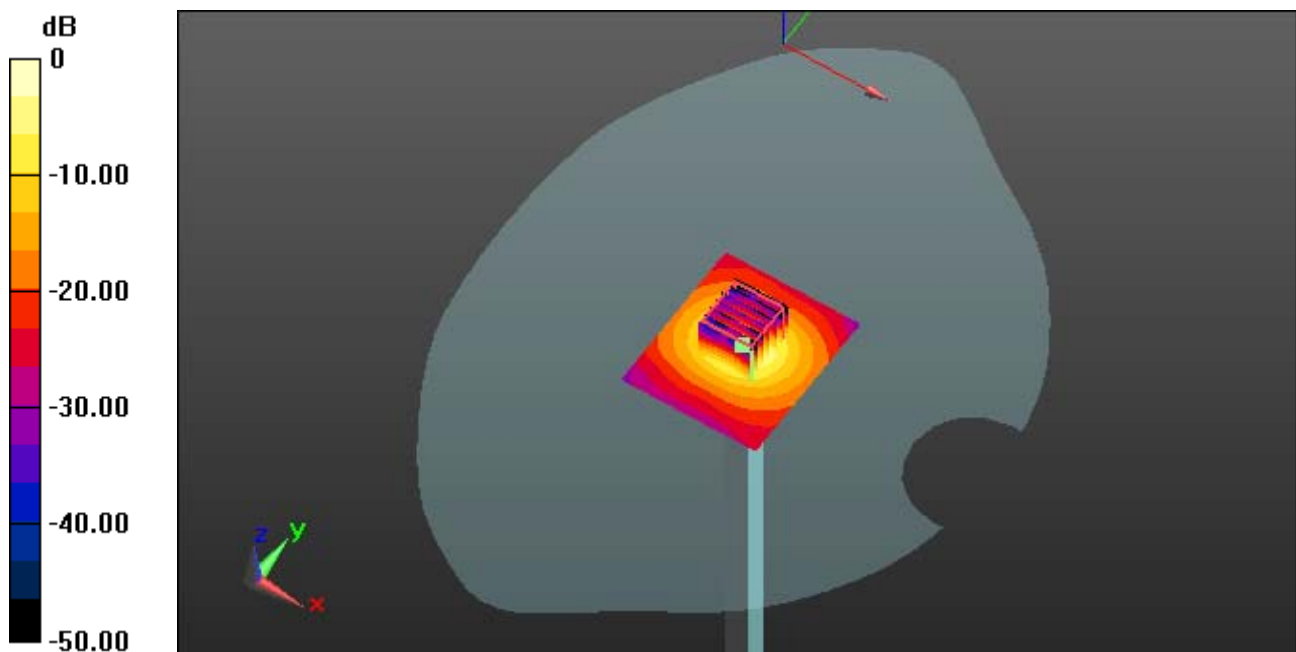
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 36.790 mW/g

SAR(1 g) = 8.52 mW/g; SAR(10 g) = 2.38 mW/g



0 dB = 17.8 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1038

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.202$ mho/m; $\epsilon_r = 34.305$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5800 MHz System Verification

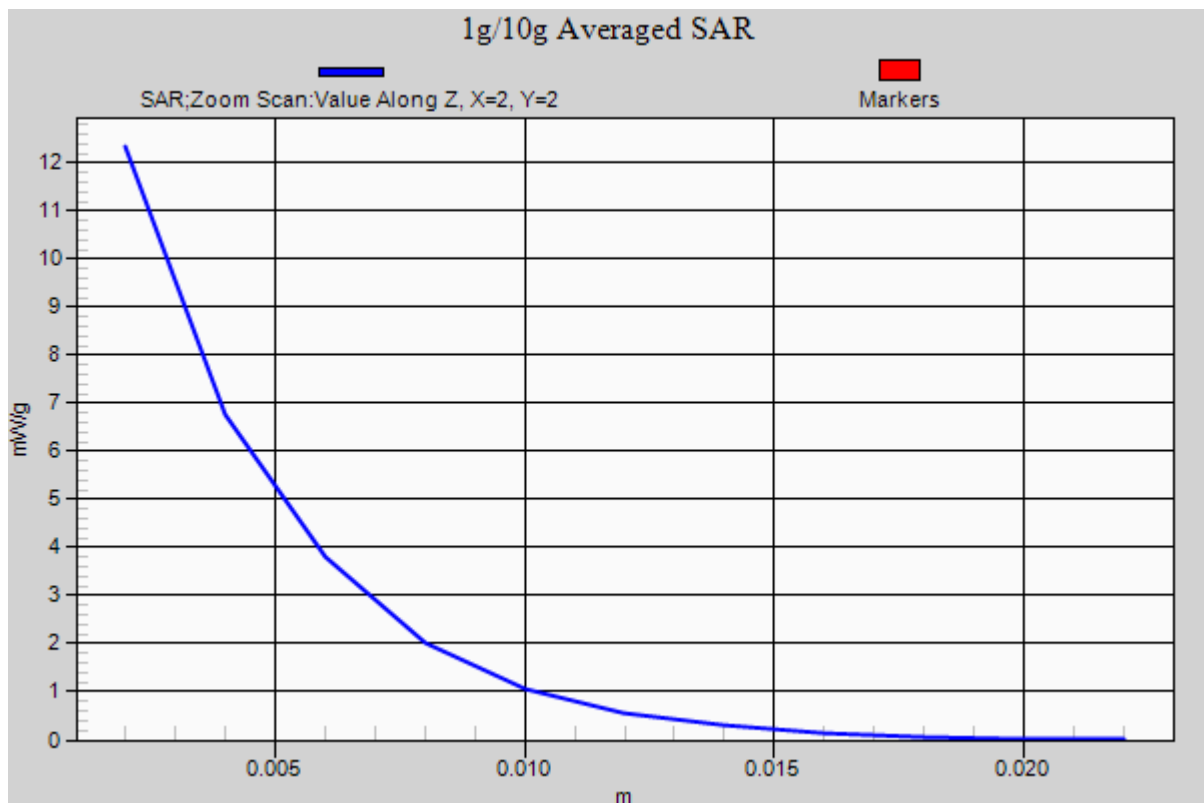
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 36.790 mW/g

SAR(1 g) = 8.52 mW/g; SAR(10 g) = 2.38 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.197$ mho/m; $\epsilon_r = 48.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5200 MHz System Verification

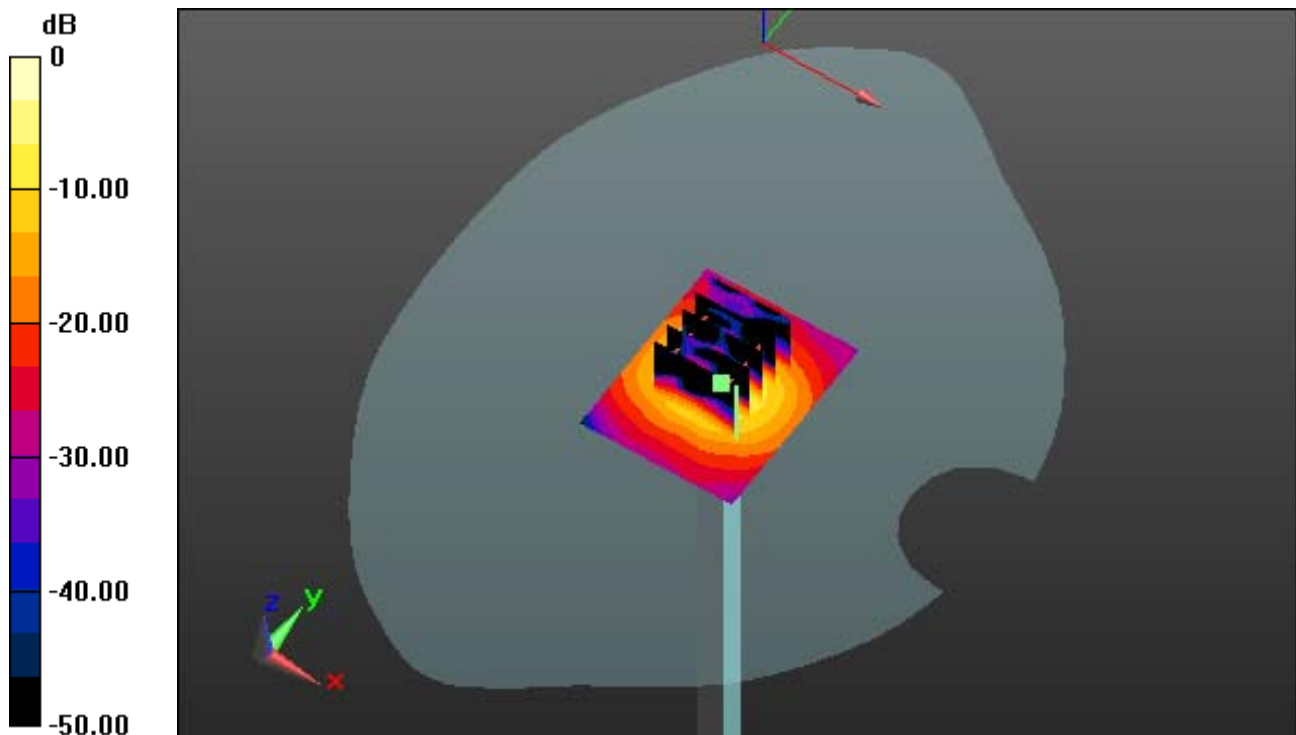
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 31.116 mW/g

SAR(1 g) = 7.04 mW/g; SAR(10 g) = 2.26 mW/g



0 dB = 15.3 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.197$ mho/m; $\epsilon_r = 48.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5200 MHz System Verification

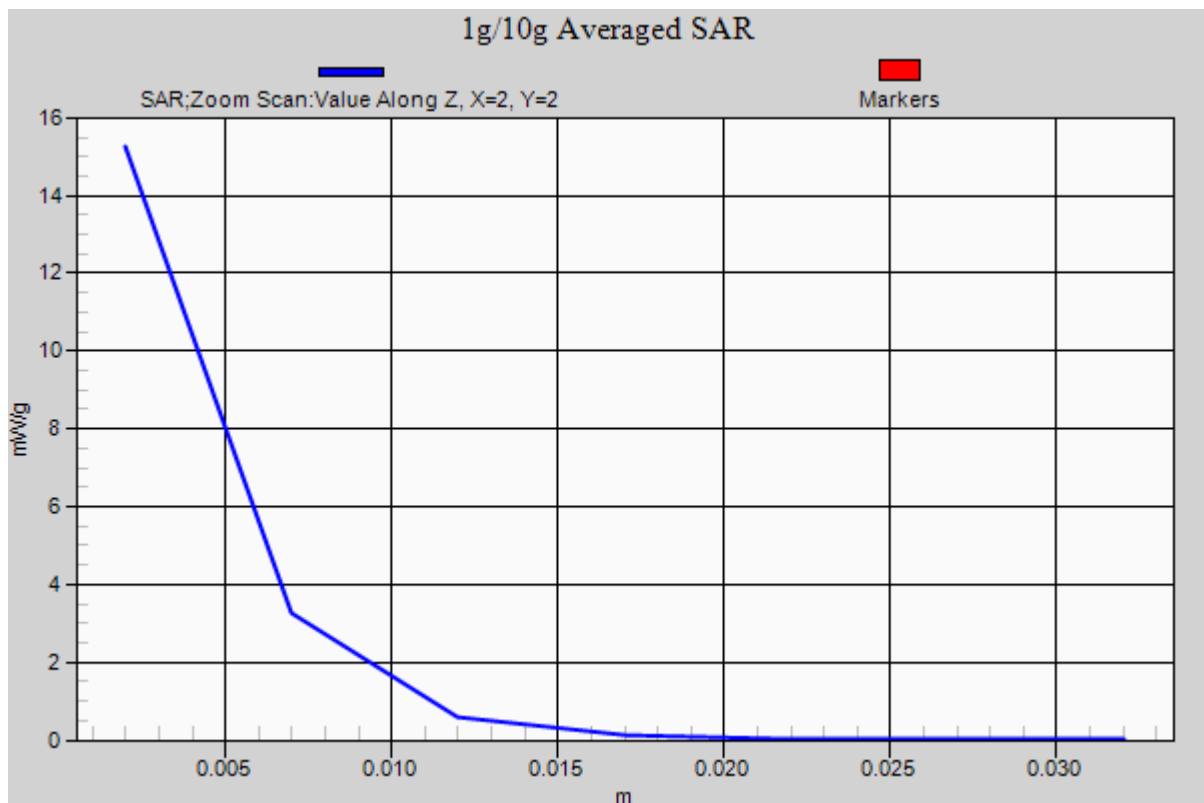
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 31.116 mW/g

SAR(1 g) = 7.04 mW/g; SAR(10 g) = 2.26 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.331$ mho/m; $\epsilon_r = 48.23$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.31, 4.31, 4.31); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5300 MHz System Verification

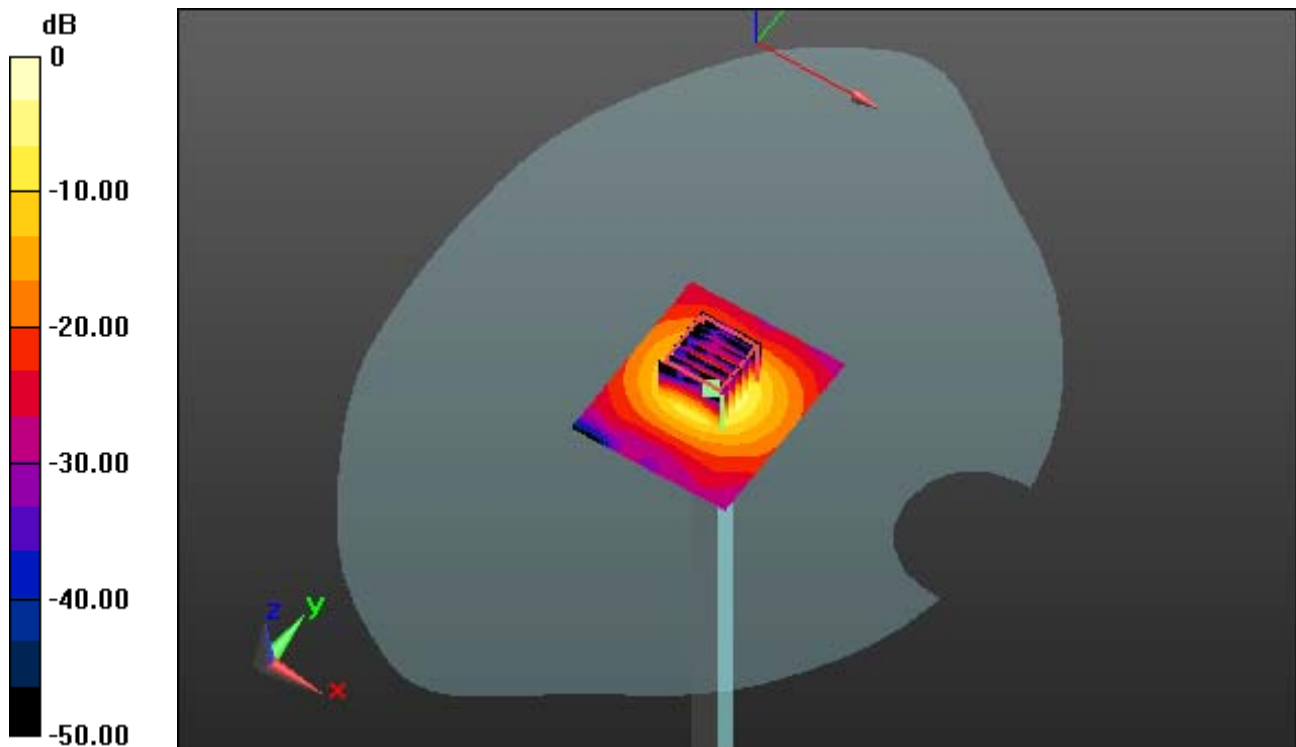
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 30.650 mW/g

SAR(1 g) = 7.91 mW/g; SAR(10 g) = 2.2 mW/g



0 dB = 14.0 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.331$ mho/m; $\epsilon_r = 48.23$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.31, 4.31, 4.31); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5300 MHz System Verification

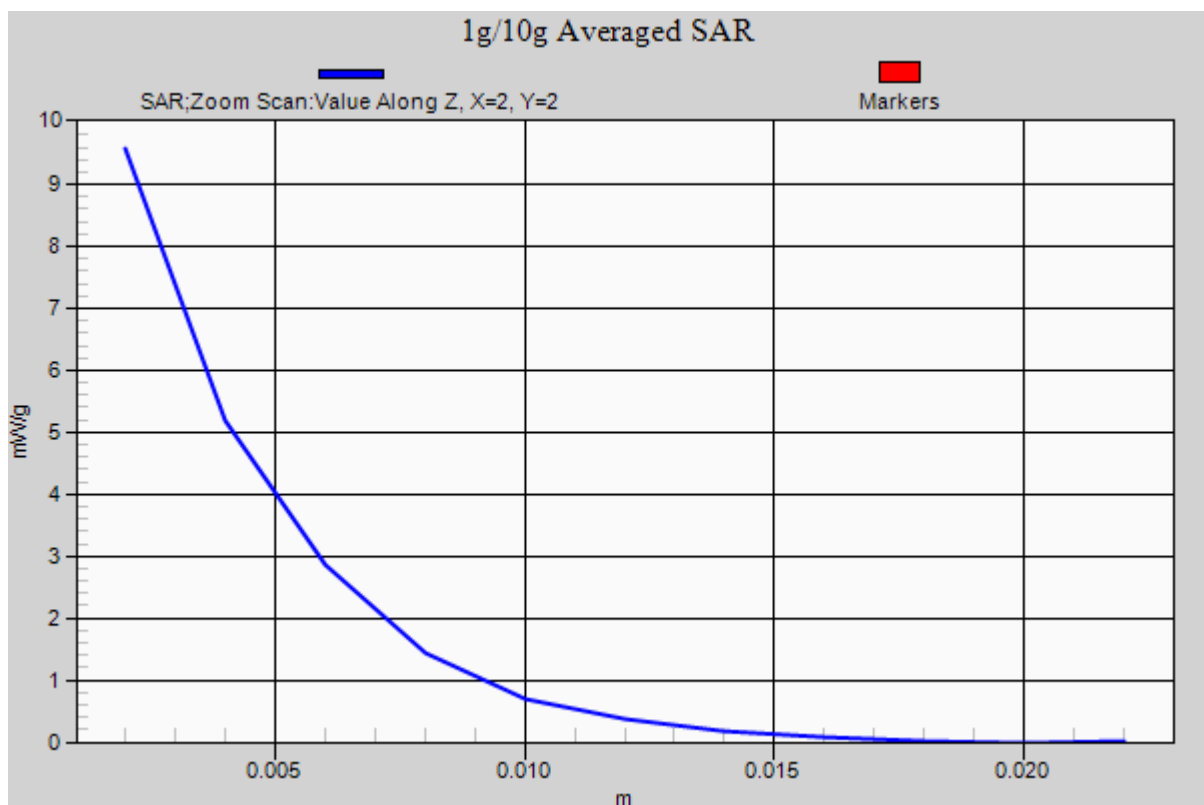
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 30.650 mW/g

SAR(1 g) = 7.91 mW/g; SAR(10 g) = 2.2 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.6$ mho/m; $\epsilon_r = 47.873$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4, 4, 4); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5500 MHz System Verification

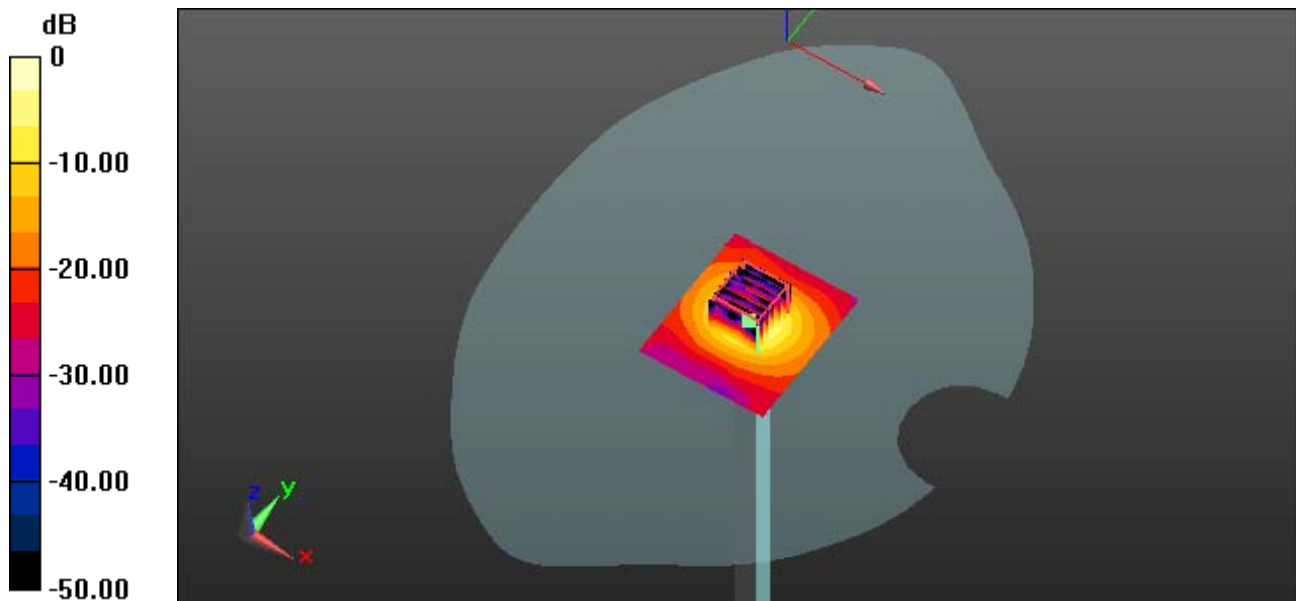
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 31.234 mW/g

SAR(1 g) = 7.53 mW/g; SAR(10 g) = 2.09 mW/g



0 dB = 15.4 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.6$ mho/m; $\epsilon_r = 47.873$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4, 4, 4); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5500 MHz System Verification

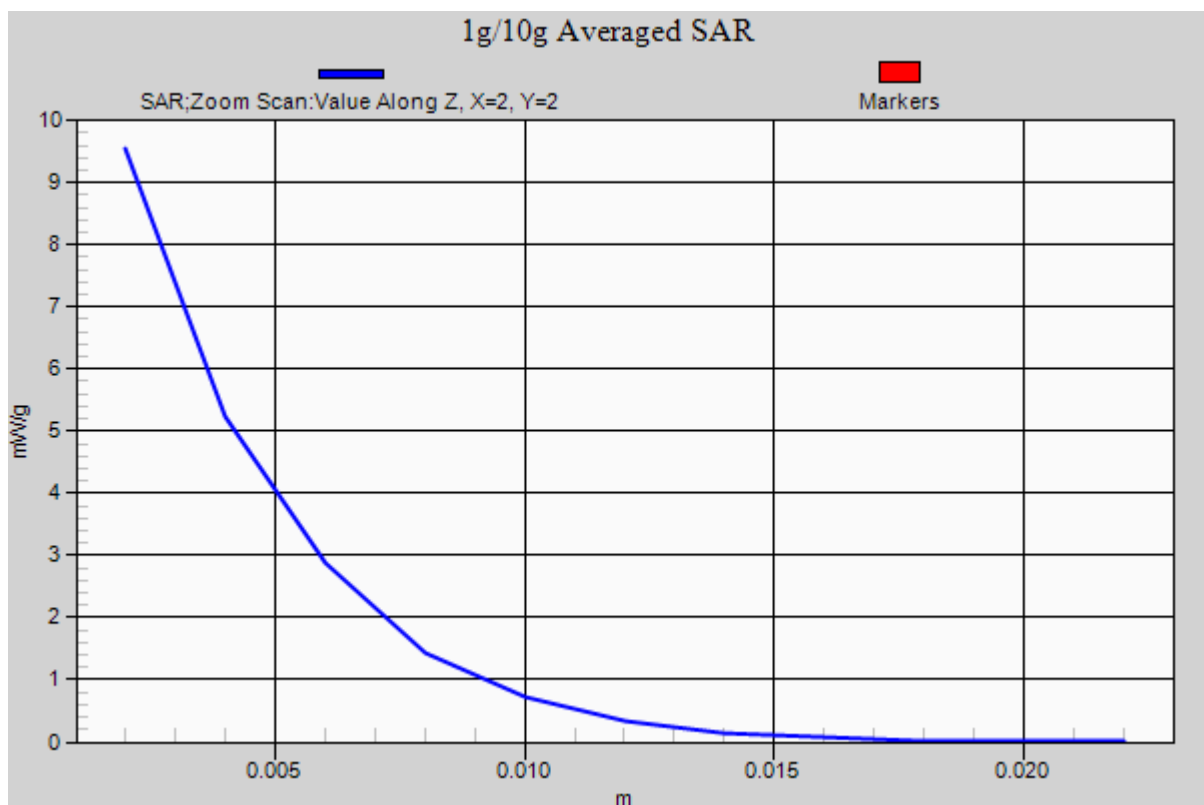
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 31.234 mW/g

SAR(1 g) = 7.53 mW/g; SAR(10 g) = 2.09 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.738$ mho/m; $\epsilon_r = 47.685$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(3.94, 3.94, 3.94); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5600 MHz System Verification

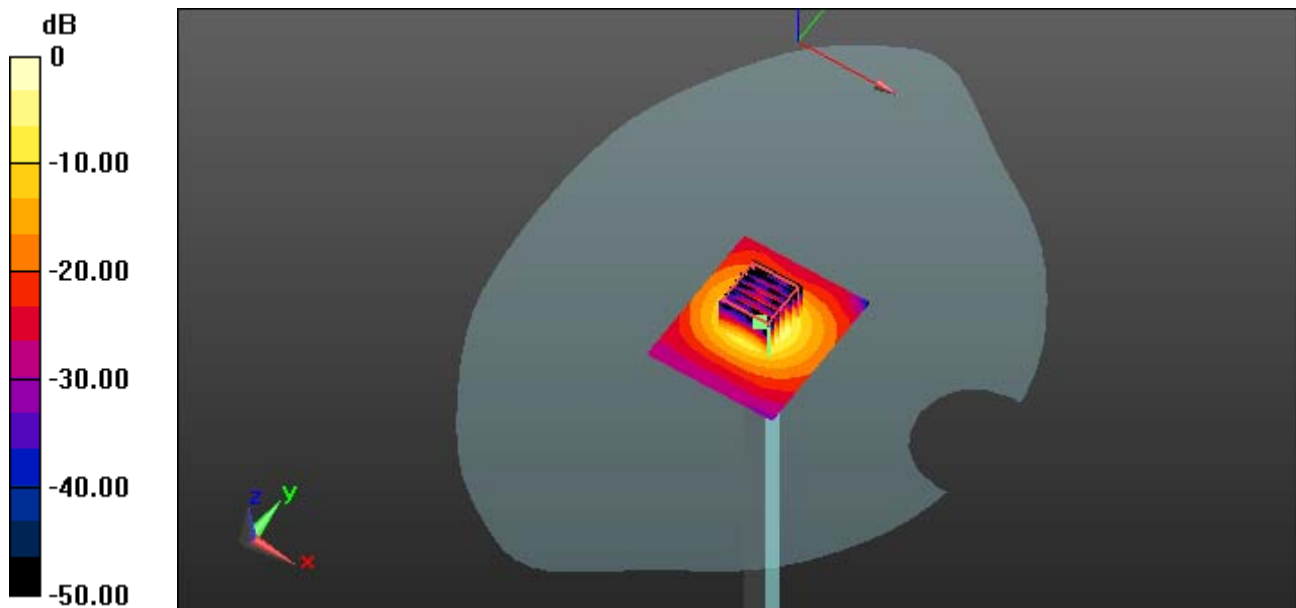
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 33.351 mW/g

SAR(1 g) = 7.68 mW/g; SAR(10 g) = 2.1 mW/g



0 dB = 16.4 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.738$ mho/m; $\epsilon_r = 47.685$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(3.94, 3.94, 3.94); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5600 MHz System Verification

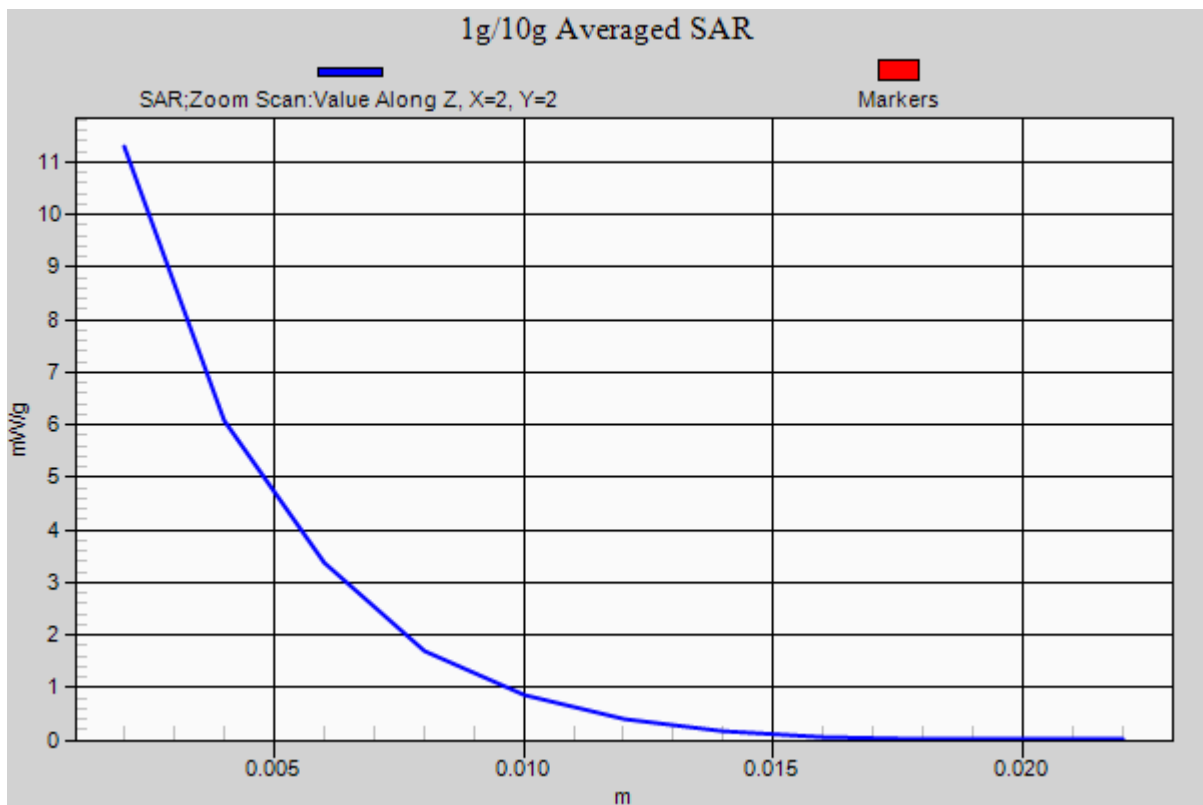
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 33.351 mW/g

SAR(1 g) = 7.68 mW/g; SAR(10 g) = 2.1 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.019$ mho/m; $\epsilon_r = 47.351$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5800 MHz System Verification

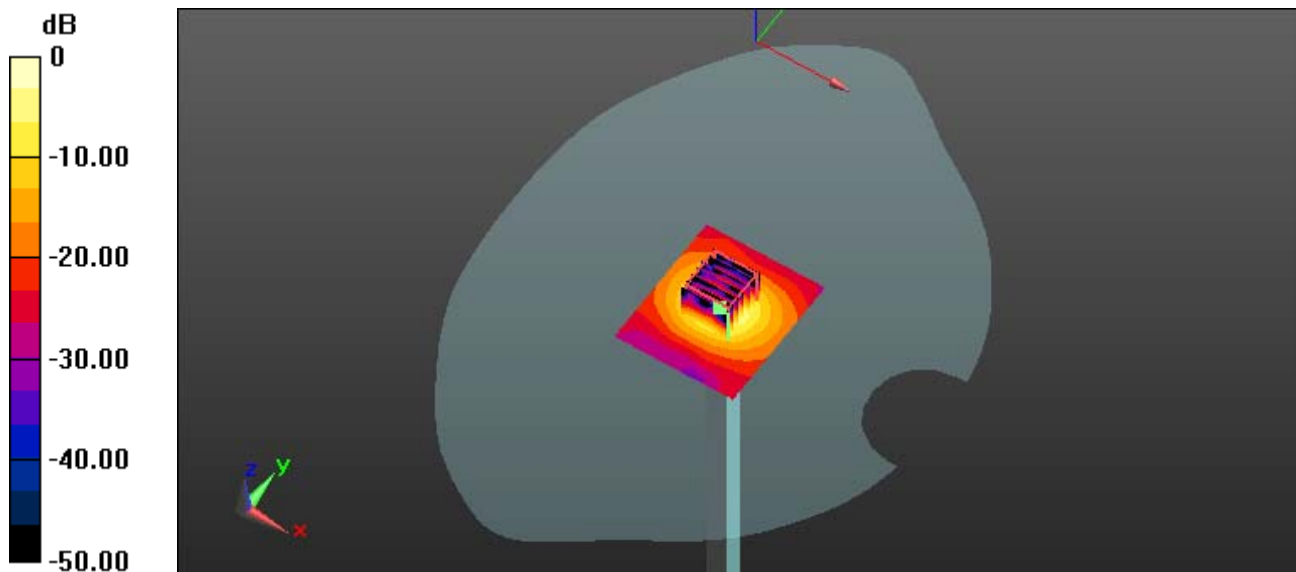
Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.119 mW/g

SAR(1 g) = 7.51 mW/g; SAR(10 g) = 2.06 mW/g



0 dB = 16.0 mW/g

DIGITAL EMC CO., LTD

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.019$ mho/m; $\epsilon_r = 47.351$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 2013-09-10; ; Electronics: DAE4 Sn1391

Phantom: SAM-twin middle; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2013-10-11; Ambient Temp: 22.3; Tissue Temp: 22.7

5800 MHz System Verification

Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.119 mW/g

SAR(1 g) = 7.51 mW/g; SAR(10 g) = 2.06 mW/g

