

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C 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; $\sigma = 0.881$ S/m; $\epsilon_r = 40.33$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

835 MHz System Verification

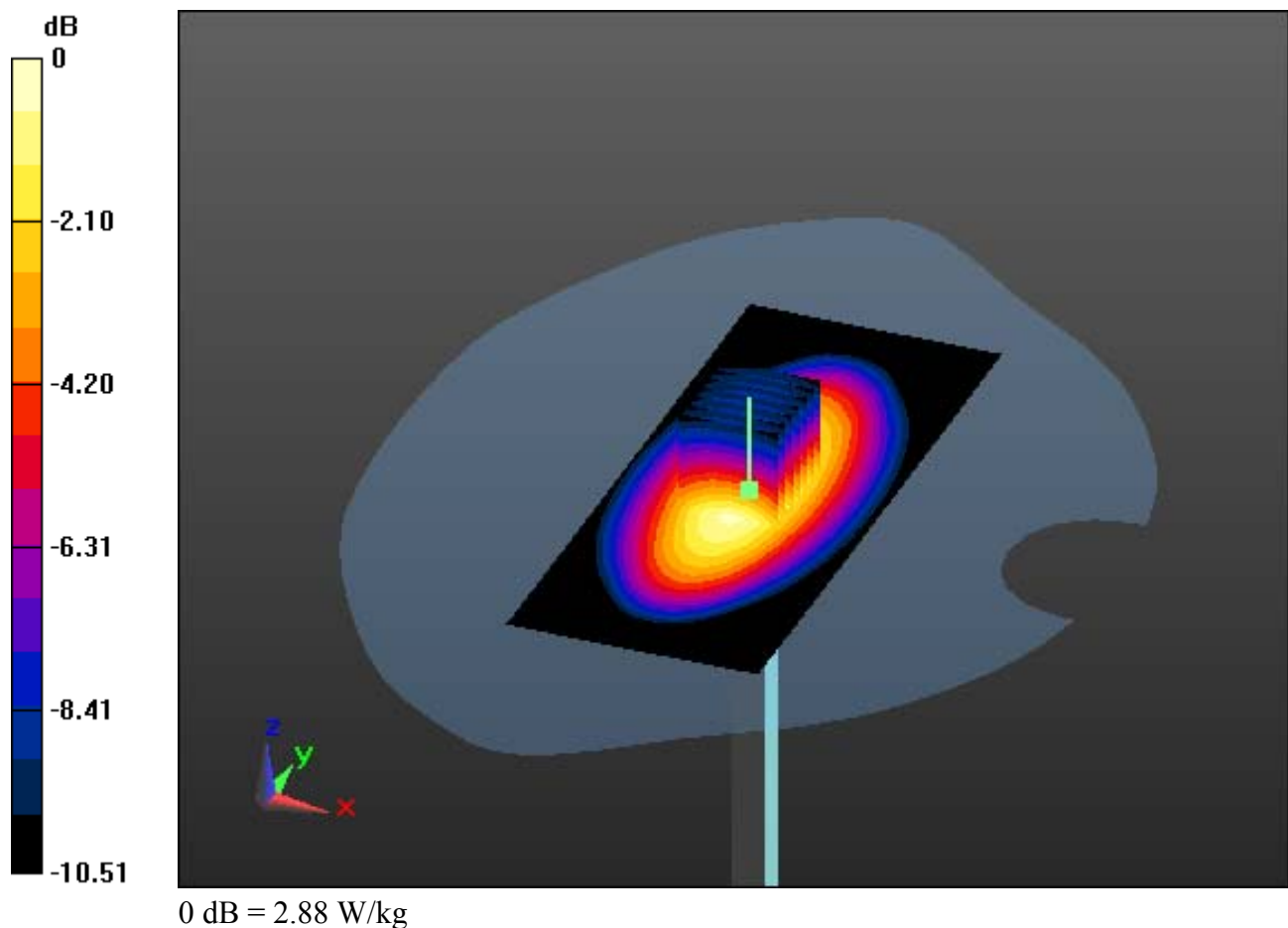
Area Scan (51x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.48 W/kg



DT&C 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: $f = 835 \text{ MHz}$; $\sigma = 0.881 \text{ S/m}$; $\epsilon_r = 40.33$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

835 MHz System Verification

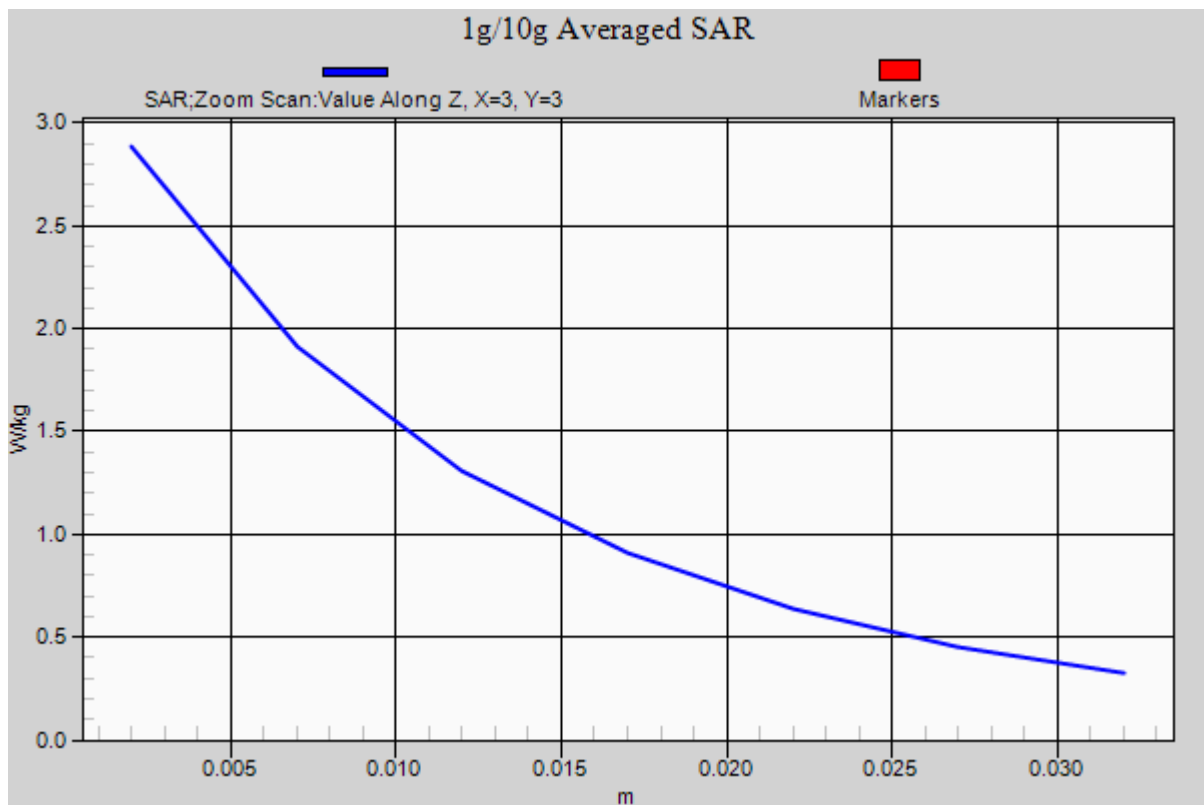
Area Scan (51x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.48 W/kg



DT&C 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: $f = 835 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 54.614$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

835 MHz System Verification

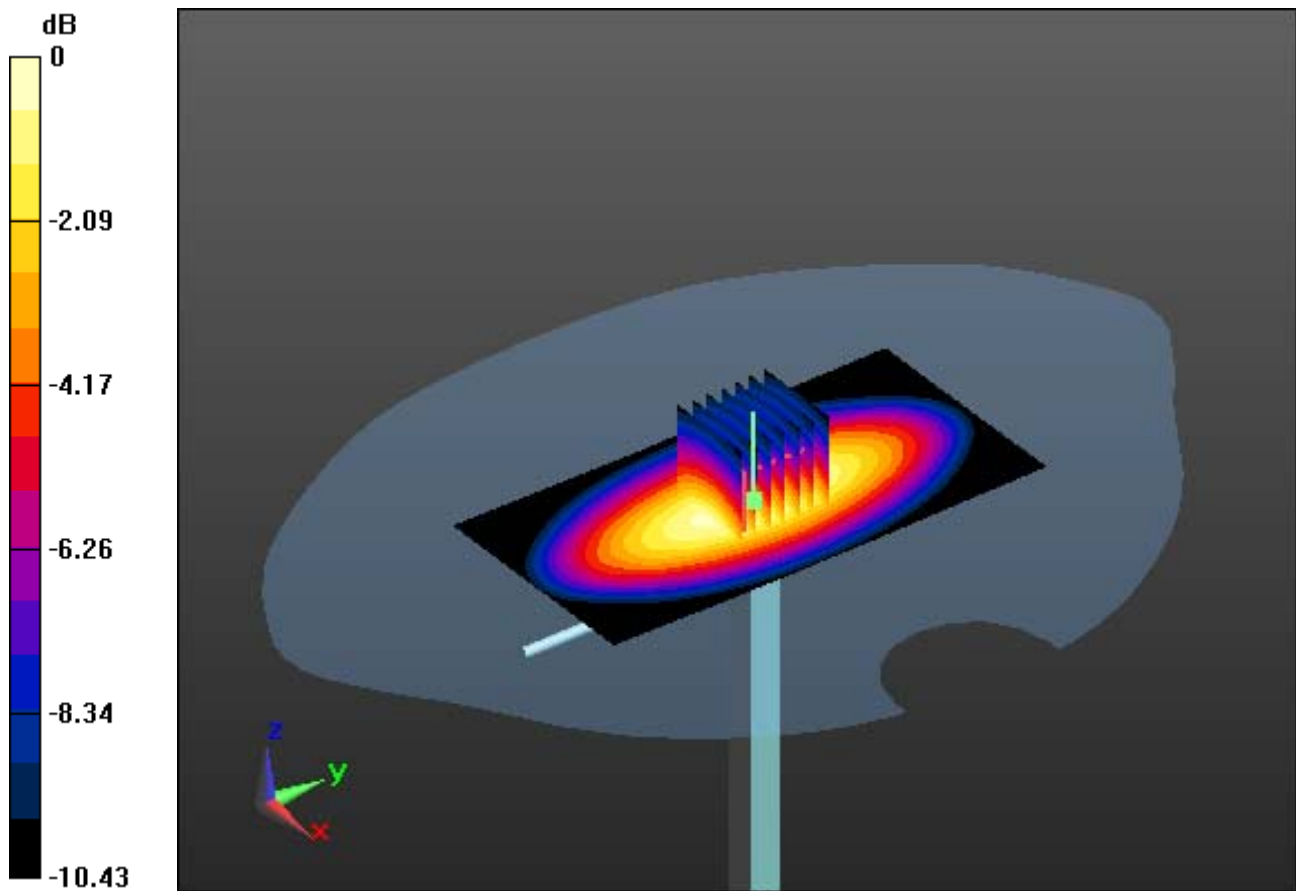
Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.44 W/kg



0 dB = 2.69 W/kg

DT&C 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: $f = 835 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 54.614$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

835 MHz System Verification

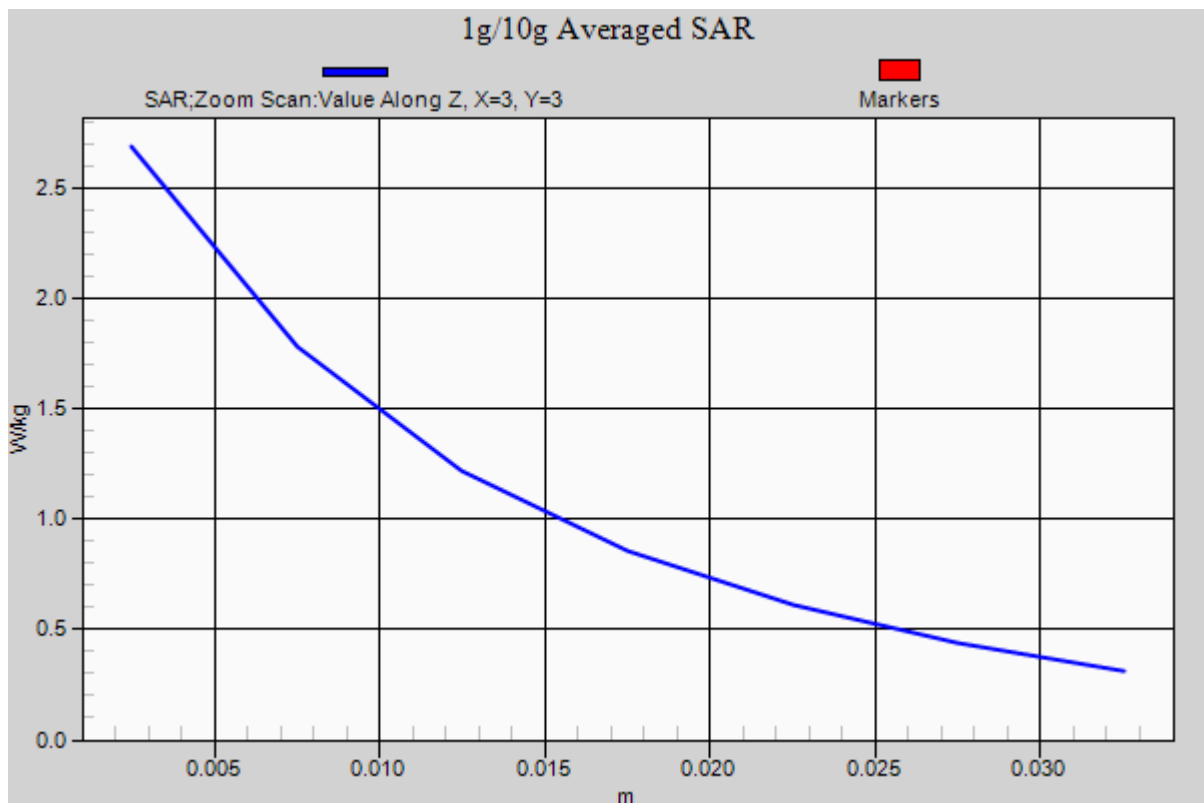
Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.44 W/kg



DT&C 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: $f = 835 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 42.828$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

835 MHz System Verification

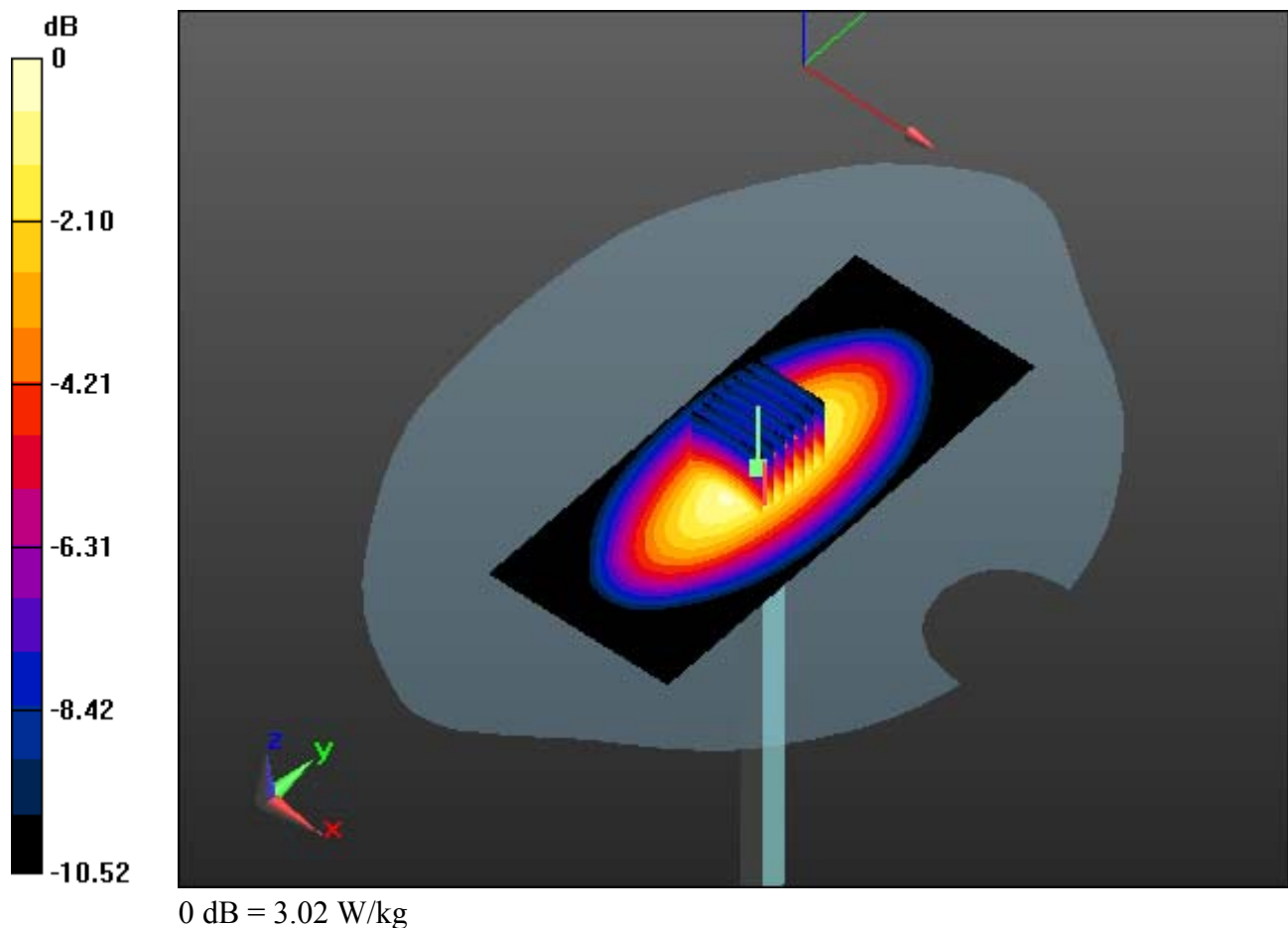
Area Scan (51x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.55 W/kg



DT&C 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: $f = 835 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 42.828$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

835 MHz System Verification

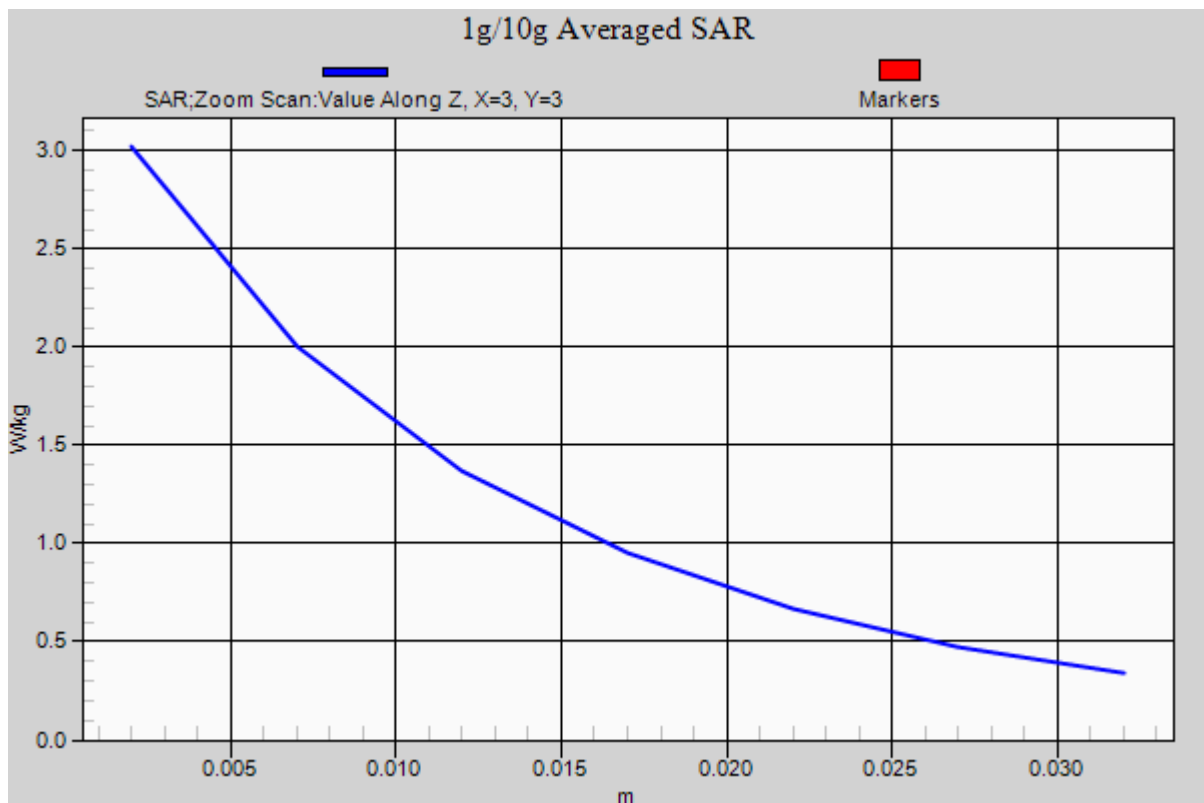
Area Scan (51x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.55 W/kg



DT&C 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: $f = 835 \text{ MHz}$; $\sigma = 0.988 \text{ S/m}$; $\epsilon_r = 54.841$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

835 MHz System Verification

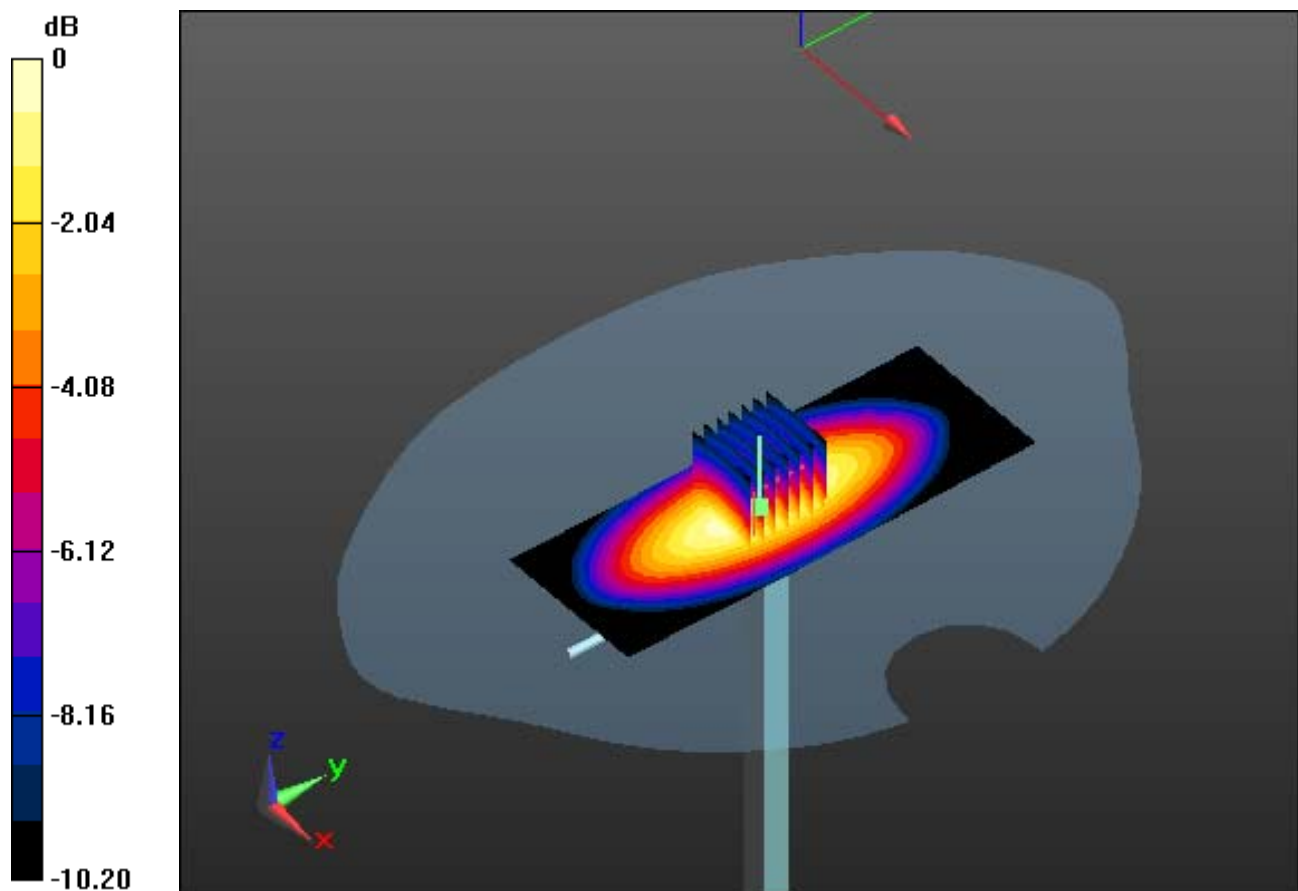
Area Scan (41x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.35 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg



0 dB = 2.70 W/kg

DT&C 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: $f = 835 \text{ MHz}$; $\sigma = 0.988 \text{ S/m}$; $\epsilon_r = 54.841$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

835 MHz System Verification

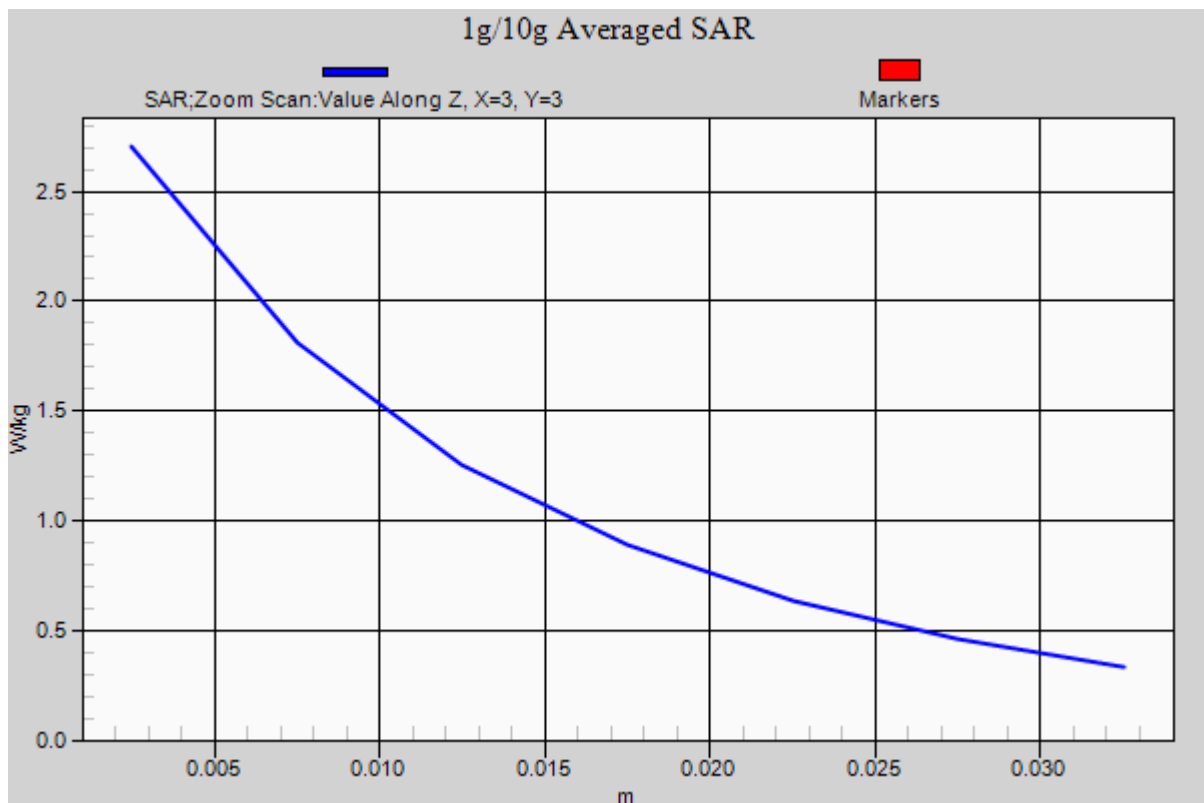
Area Scan (41x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.35 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg



DT&C 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; $\sigma = 1.437$ S/m; $\epsilon_r = 39.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

1900 MHz System Verification

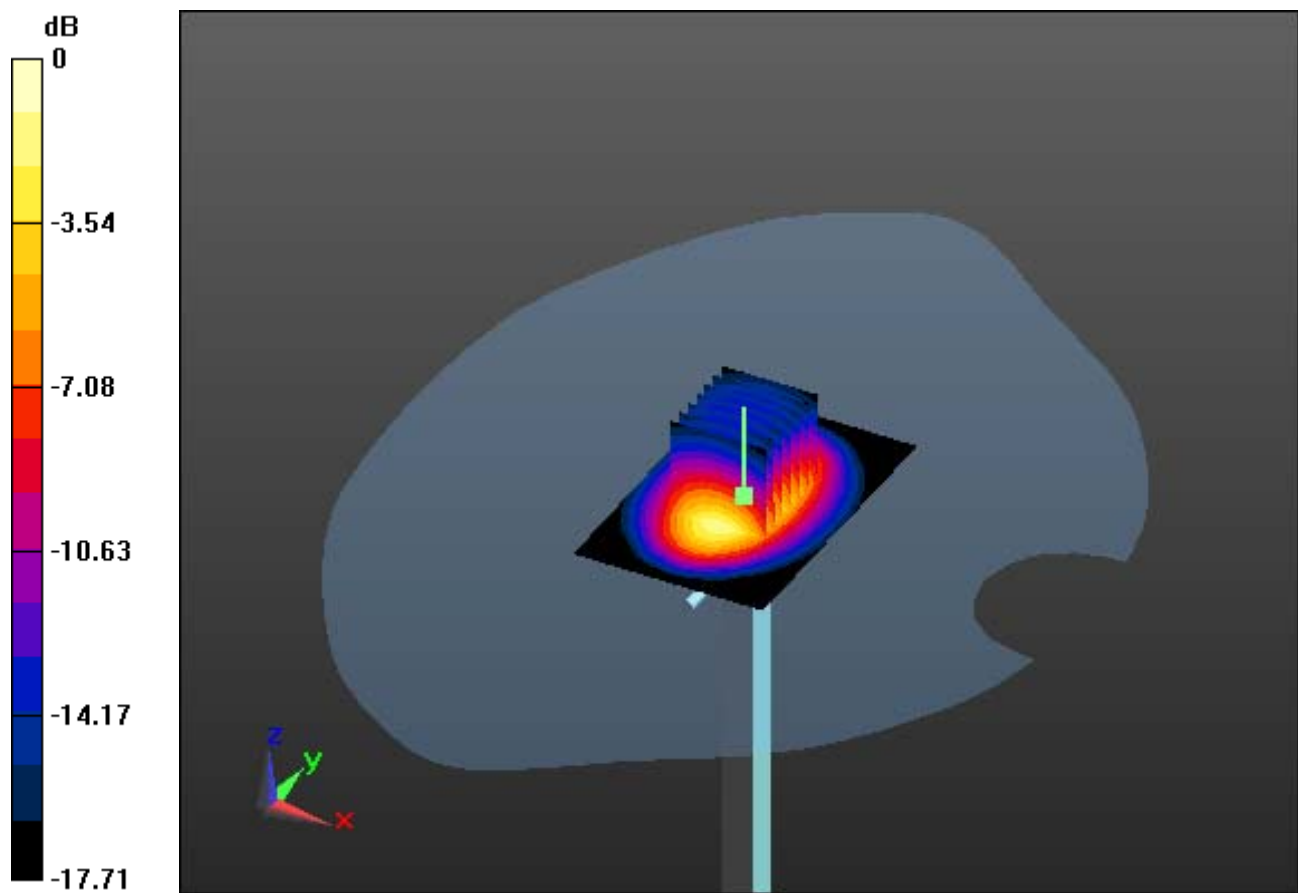
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.06 W/kg; SAR(10 g) = 4.68 W/kg



0 dB = 12.4 W/kg

DT&C 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; $\sigma = 1.437$ S/m; $\epsilon_r = 39.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

1900 MHz System Verification

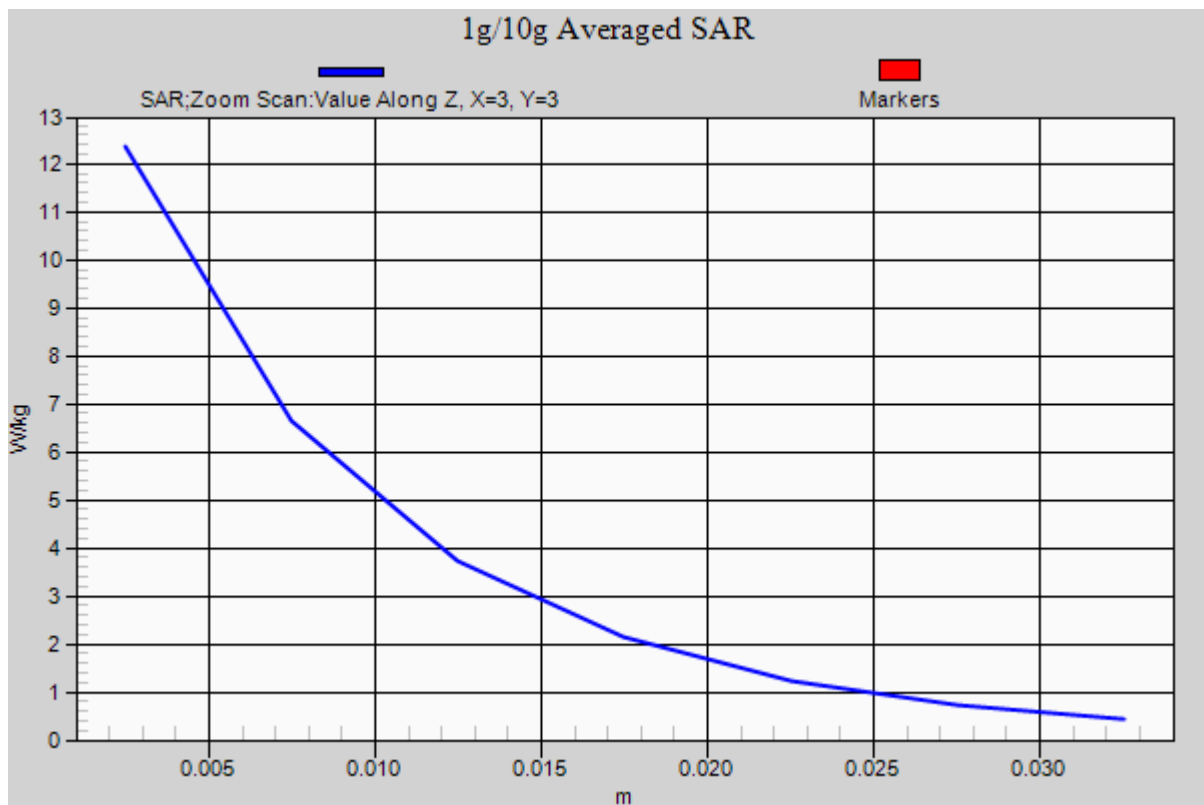
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.06 W/kg; SAR(10 g) = 4.68 W/kg



DT&C 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; $\sigma = 1.53$ S/m; $\epsilon_r = 52.103$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

1900 MHz System Verification

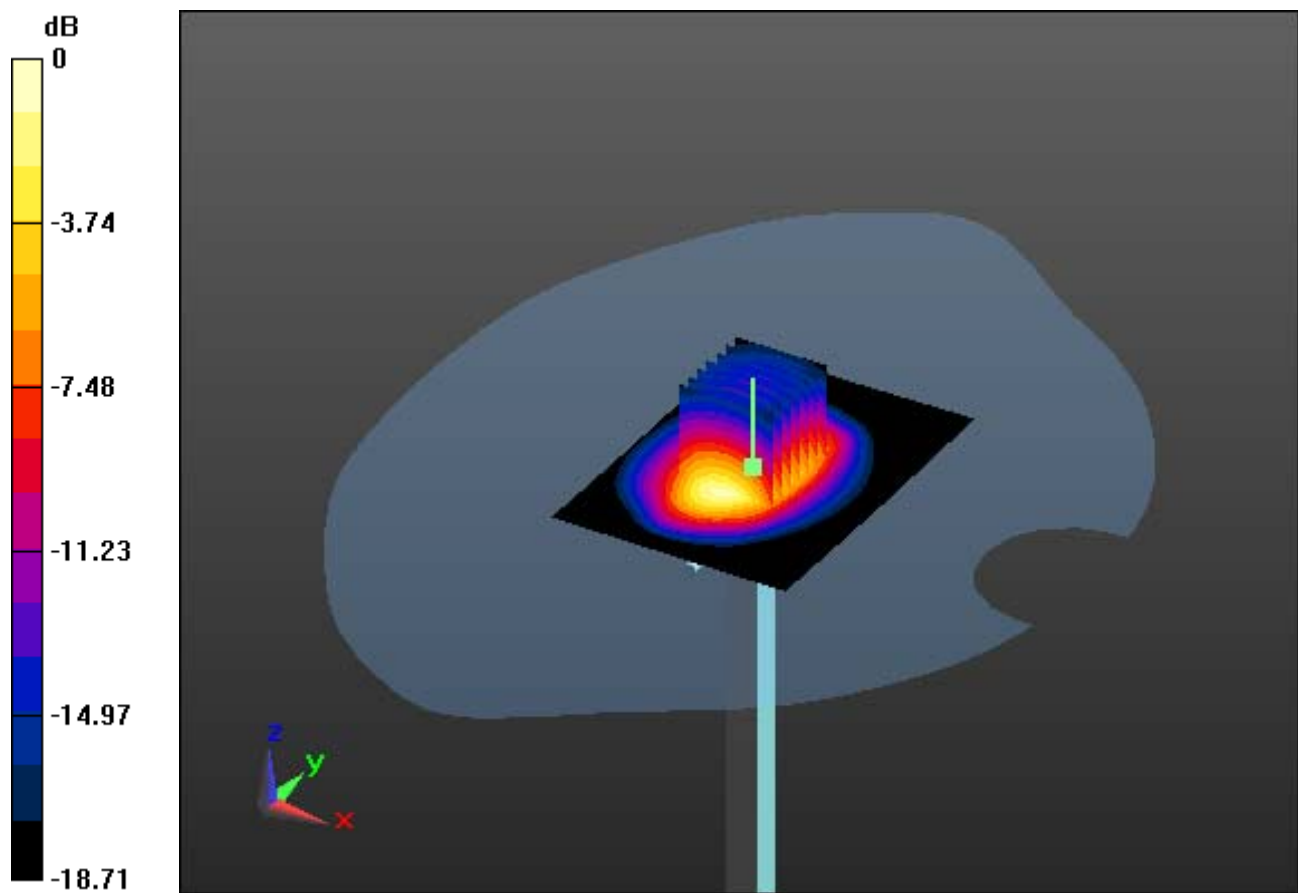
Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.2 W/kg



0 dB = 14.0 W/kg

DT&C 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; $\sigma = 1.53$ S/m; $\epsilon_r = 52.103$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

1900 MHz System Verification

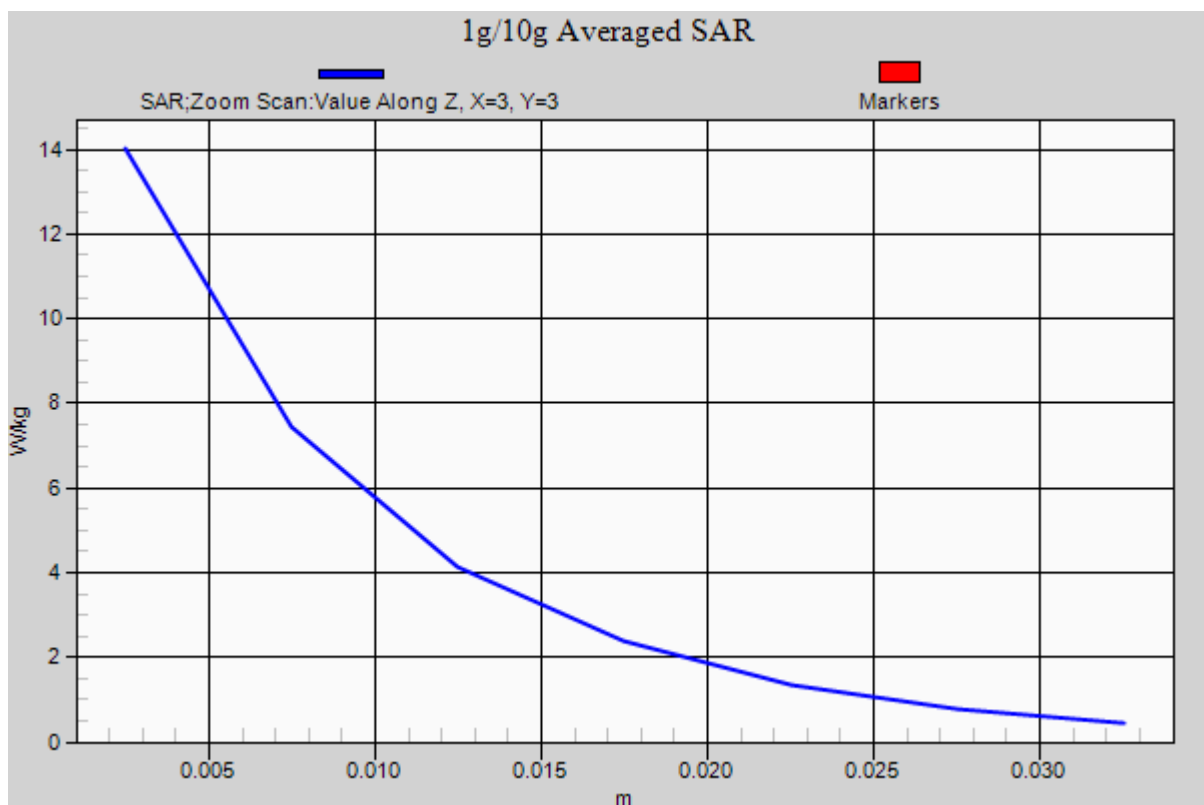
Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.2 W/kg



DT&C 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; $\sigma = 1.815$ S/m; $\epsilon_r = 37.909$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

2450 MHz System Verification

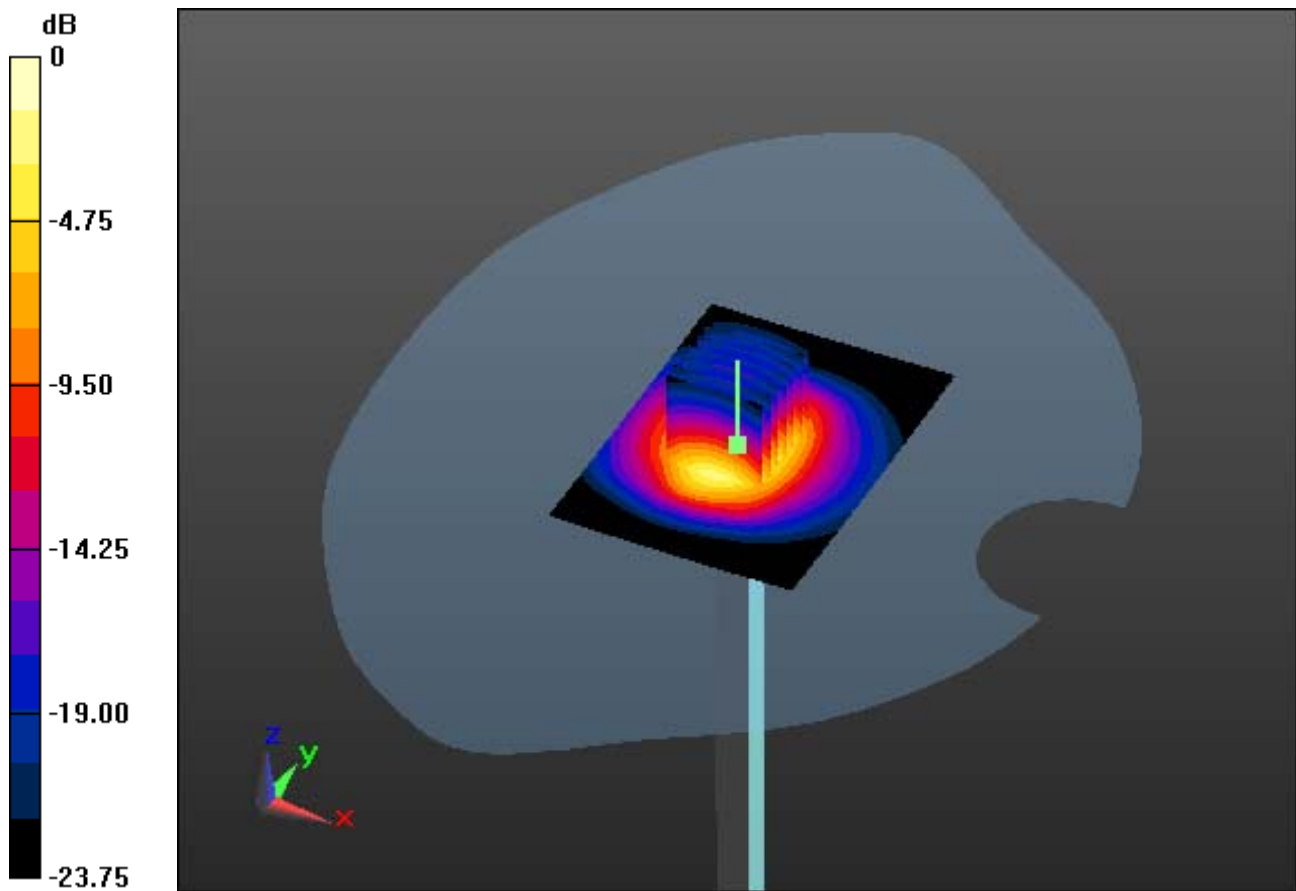
Area Scan (51x71x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.0 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.02 W/kg



0 dB = 19.5 W/kg

DT&C 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; $\sigma = 1.815$ S/m; $\epsilon_r = 37.909$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

2450 MHz System Verification

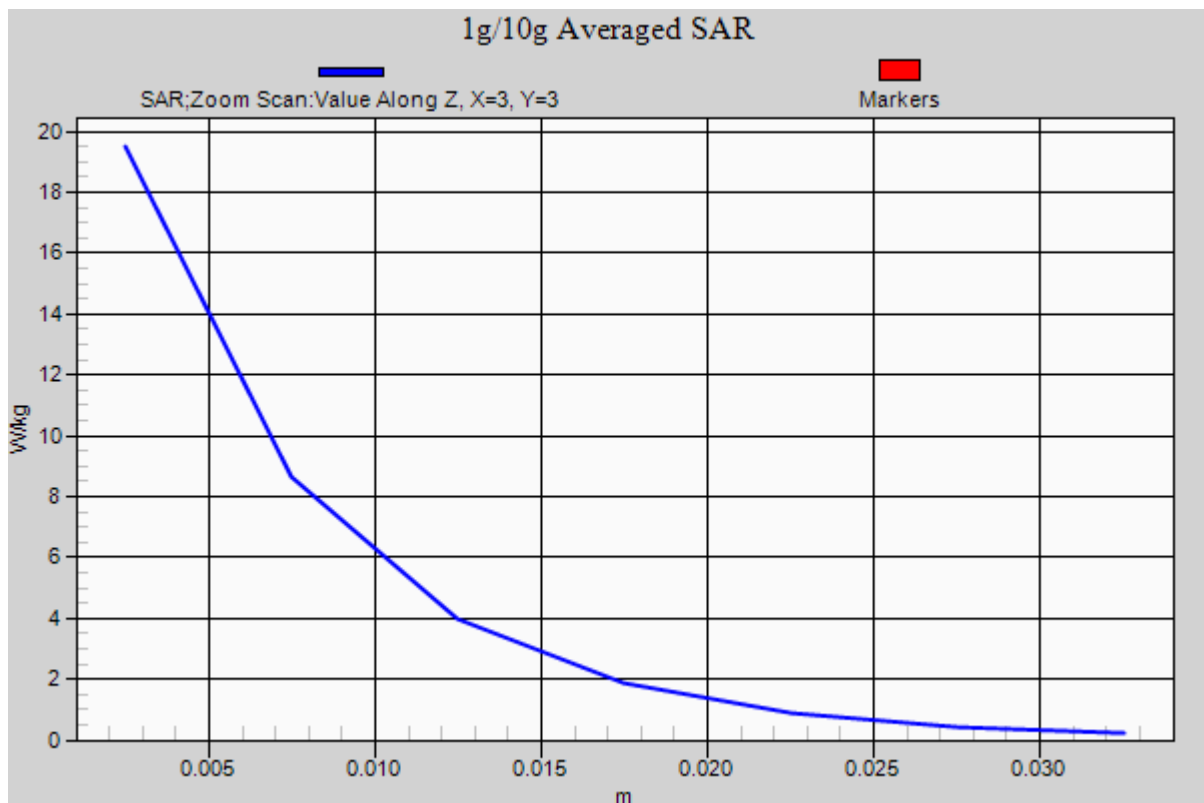
Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.0 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.02 W/kg



DT&C 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; $\sigma = 2.008$ S/m; $\epsilon_r = 52.424$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

2450 MHz System Verification

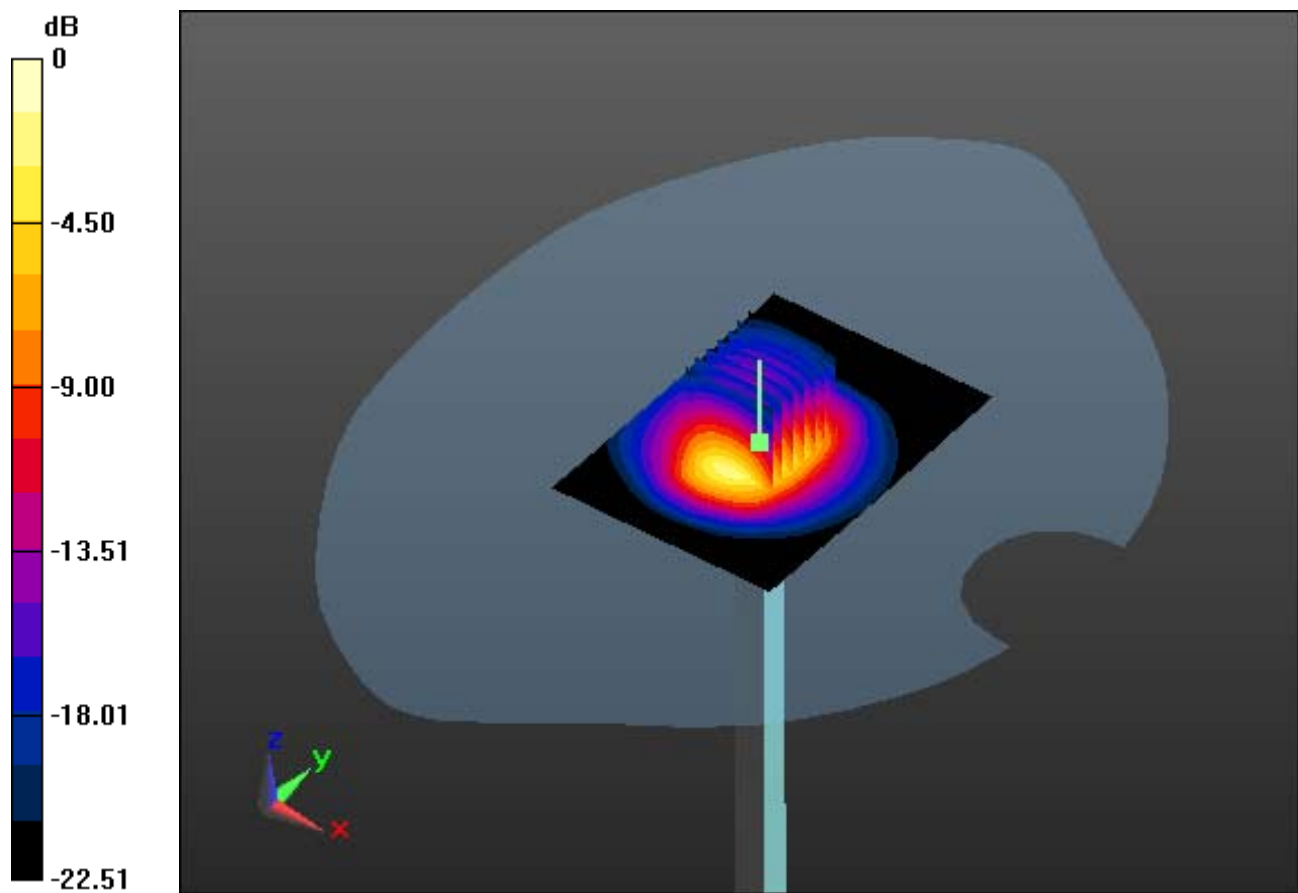
Area Scan (51x71x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 26.4 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.75 W/kg



0 dB = 17.6 W/kg

DT&C 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; $\sigma = 2.008$ S/m; $\epsilon_r = 52.424$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

2450 MHz System Verification

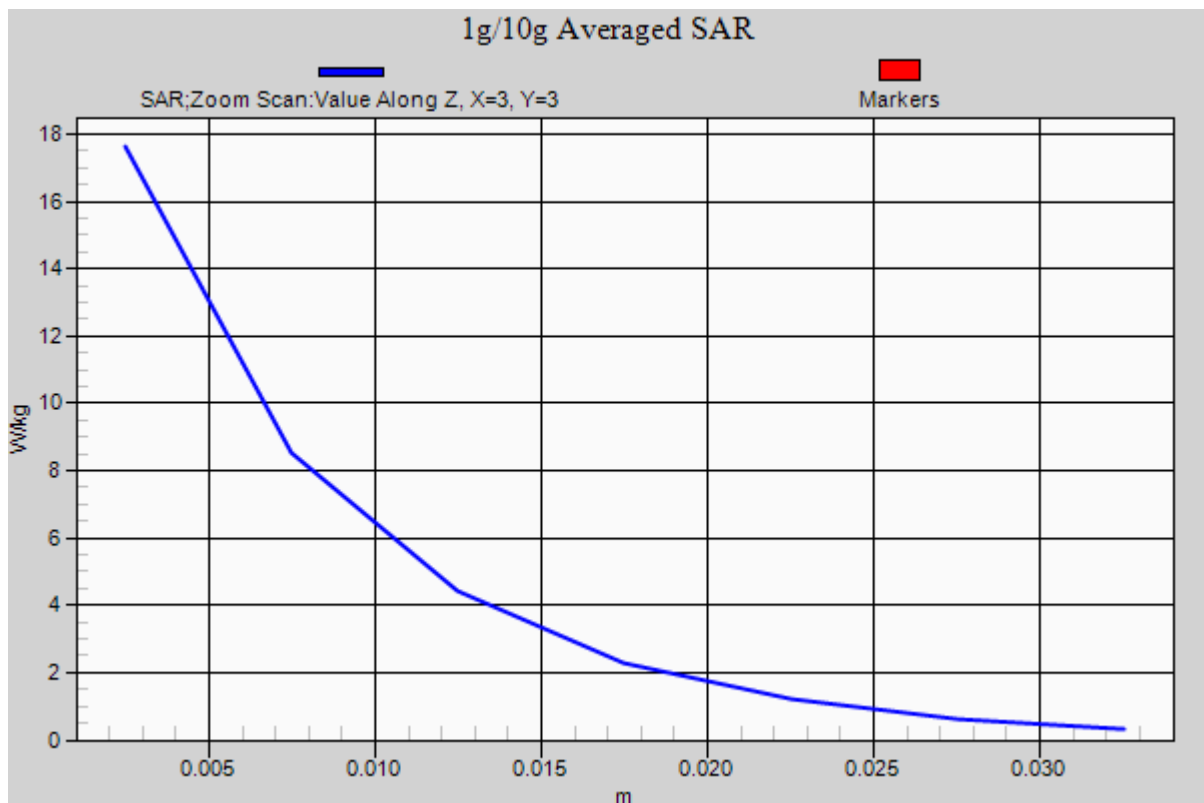
Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 26.4 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.75 W/kg



DT&C 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; $\sigma = 4.783$ S/m; $\epsilon_r = 36.165$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

5200 MHz System Verification

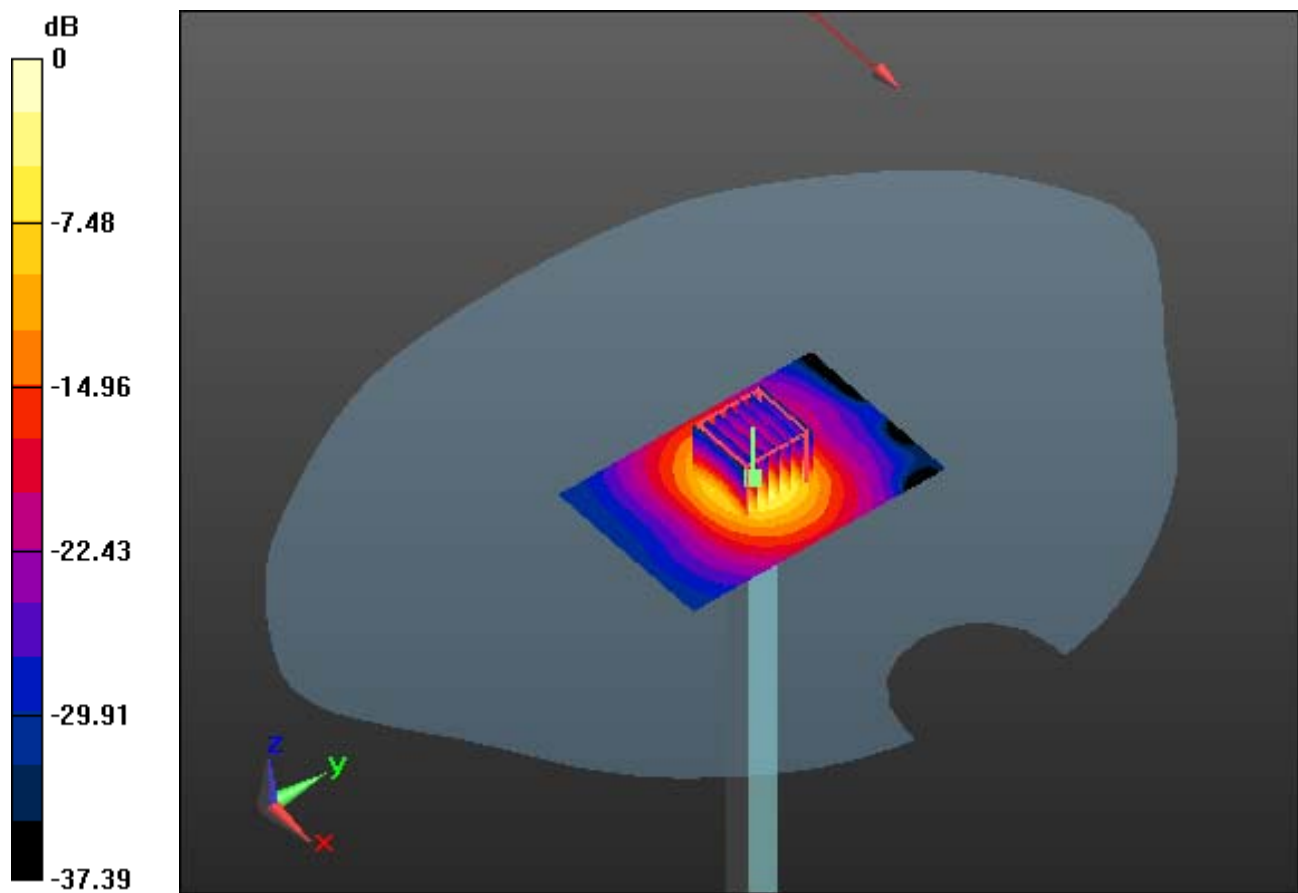
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 32.9 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.24 W/kg



0 dB = 16.3 W/kg

DT&C 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; $\sigma = 4.783$ S/m; $\epsilon_r = 36.165$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

5200 MHz System Verification

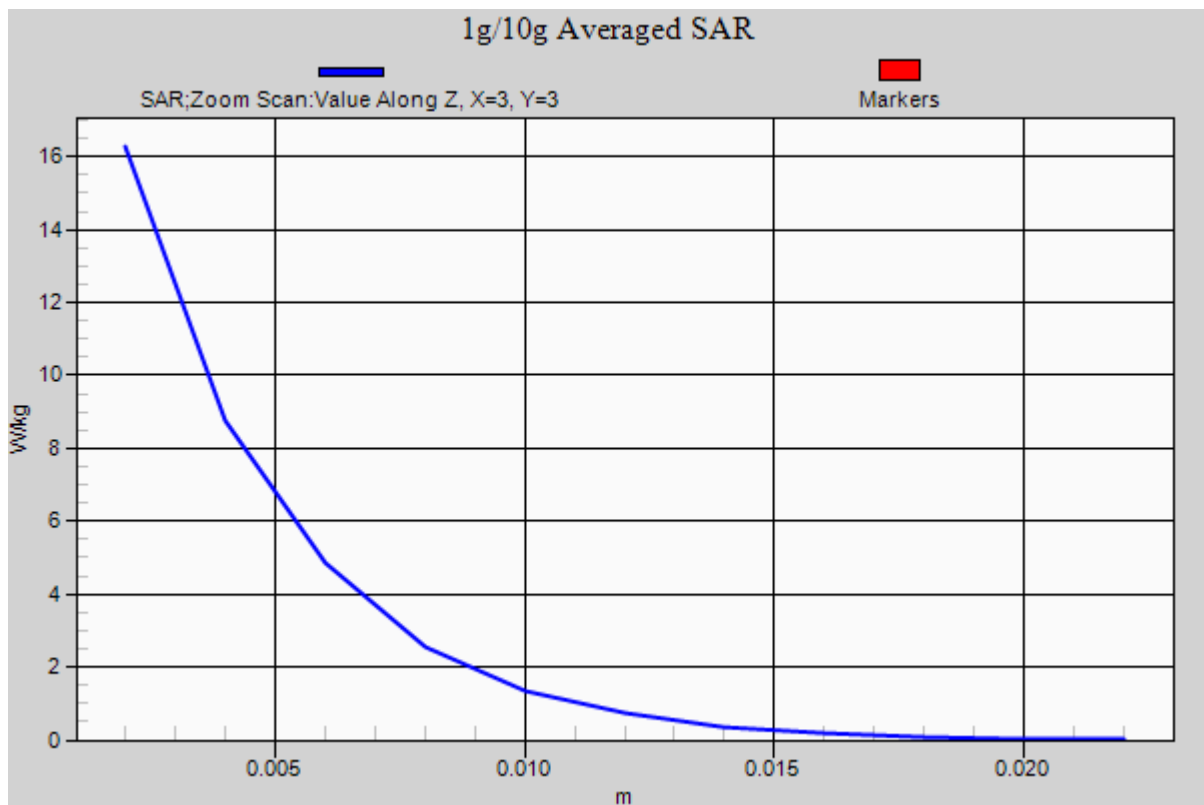
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 32.9 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.24 W/kg



DT&C 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; $\sigma = 5.112$ S/m; $\epsilon_r = 48.81$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

5200 MHz System Verification

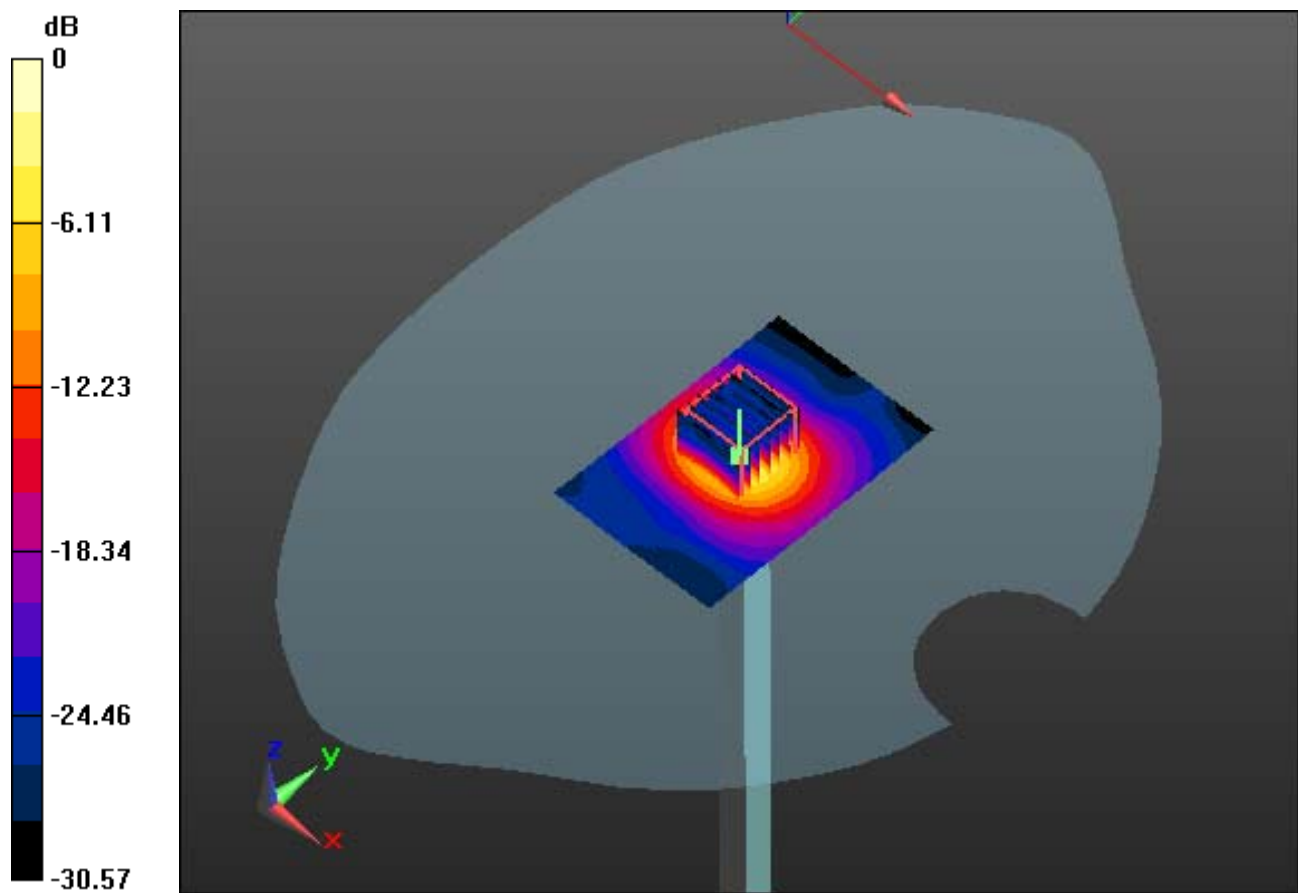
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.1 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.04 W/kg



0 dB = 15.3 W/kg

DT&C 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; $\sigma = 5.112$ S/m; $\epsilon_r = 48.81$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

5200 MHz System Verification

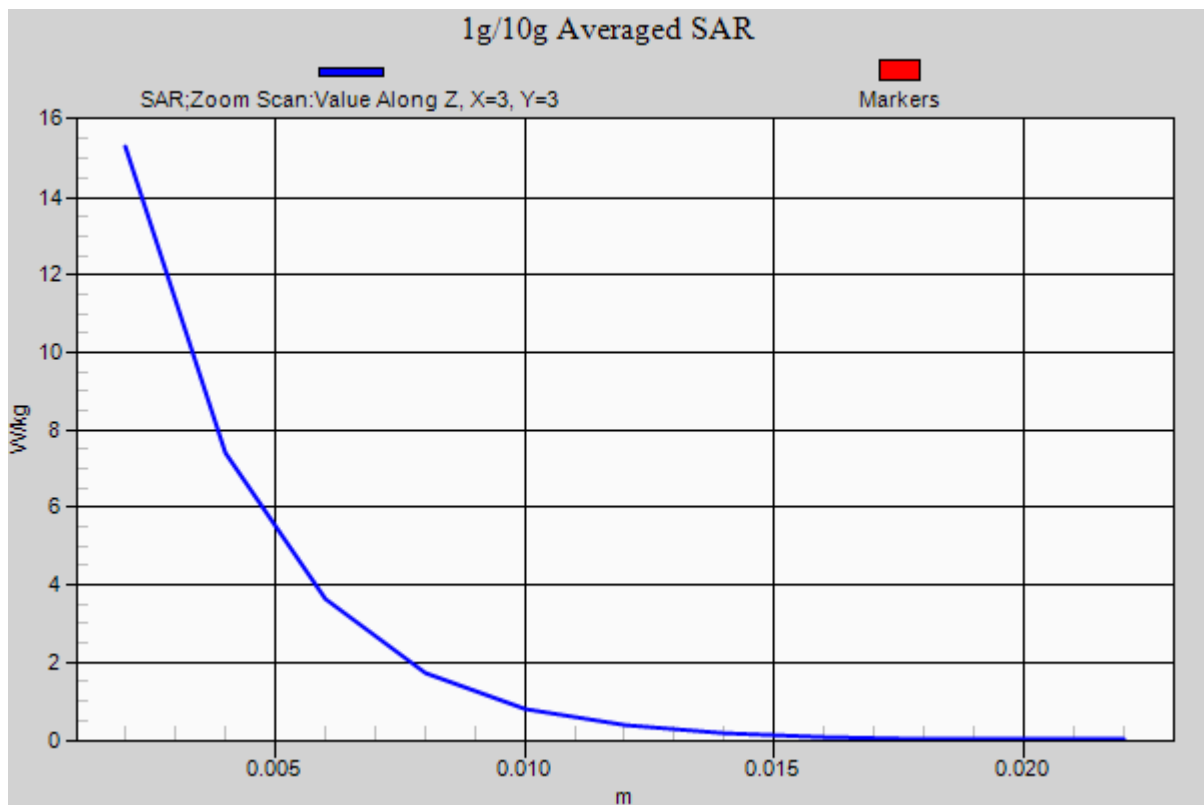
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.1 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.04 W/kg



DT&C Co., Ltd.

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

Communication System: W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.899$ S/m; $\epsilon_r = 35.98$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.2

5300 MHz System Verification

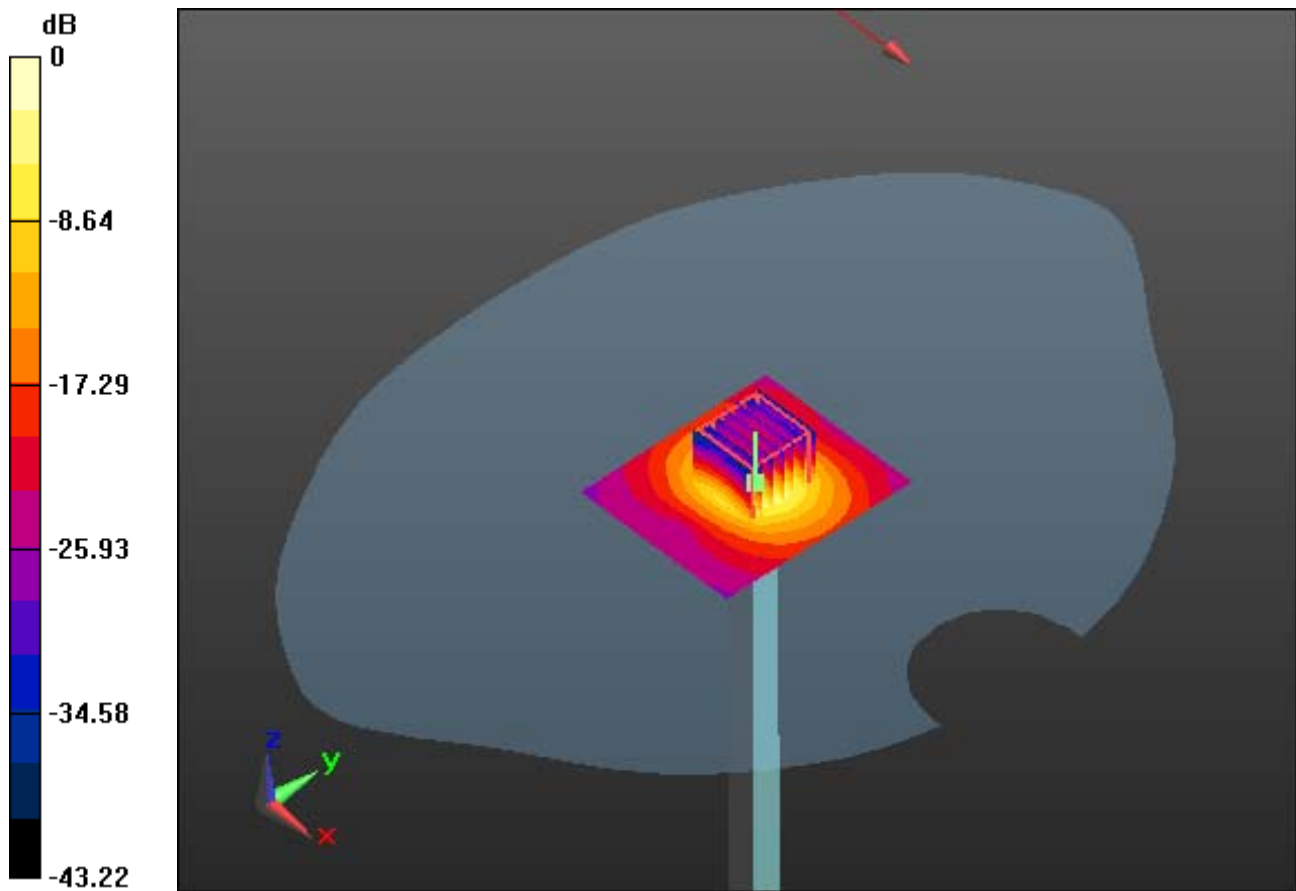
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.1 W/kg

SAR(1 g) = 8.2 W/kg; SAR(10 g) = 2.31 W/kg



0 dB = 17.4 W/kg

DT&C Co., Ltd.

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

Communication System: W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.899$ S/m; $\epsilon_r = 35.98$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

5300 MHz System Verification

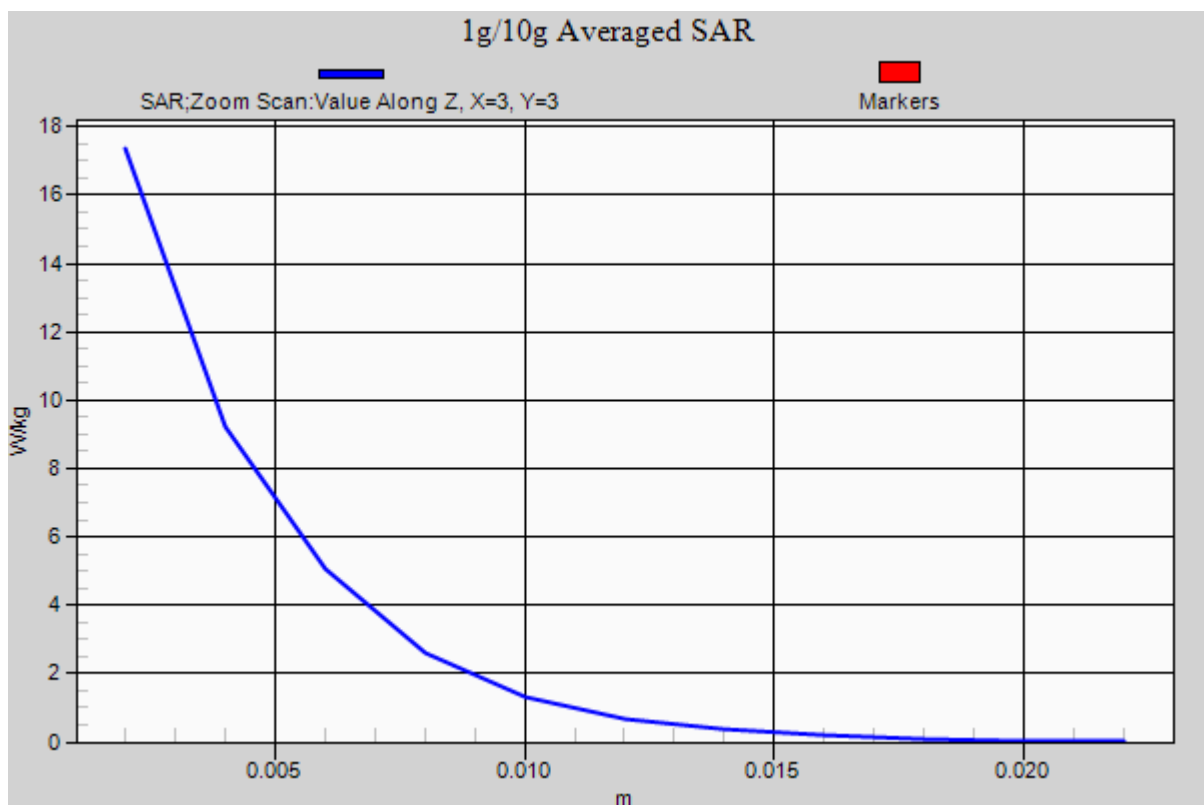
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.1 W/kg

SAR(1 g) = 8.2 W/kg; SAR(10 g) = 2.31 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.231$ S/m; $\epsilon_r = 48.647$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

5300 MHz System Verification

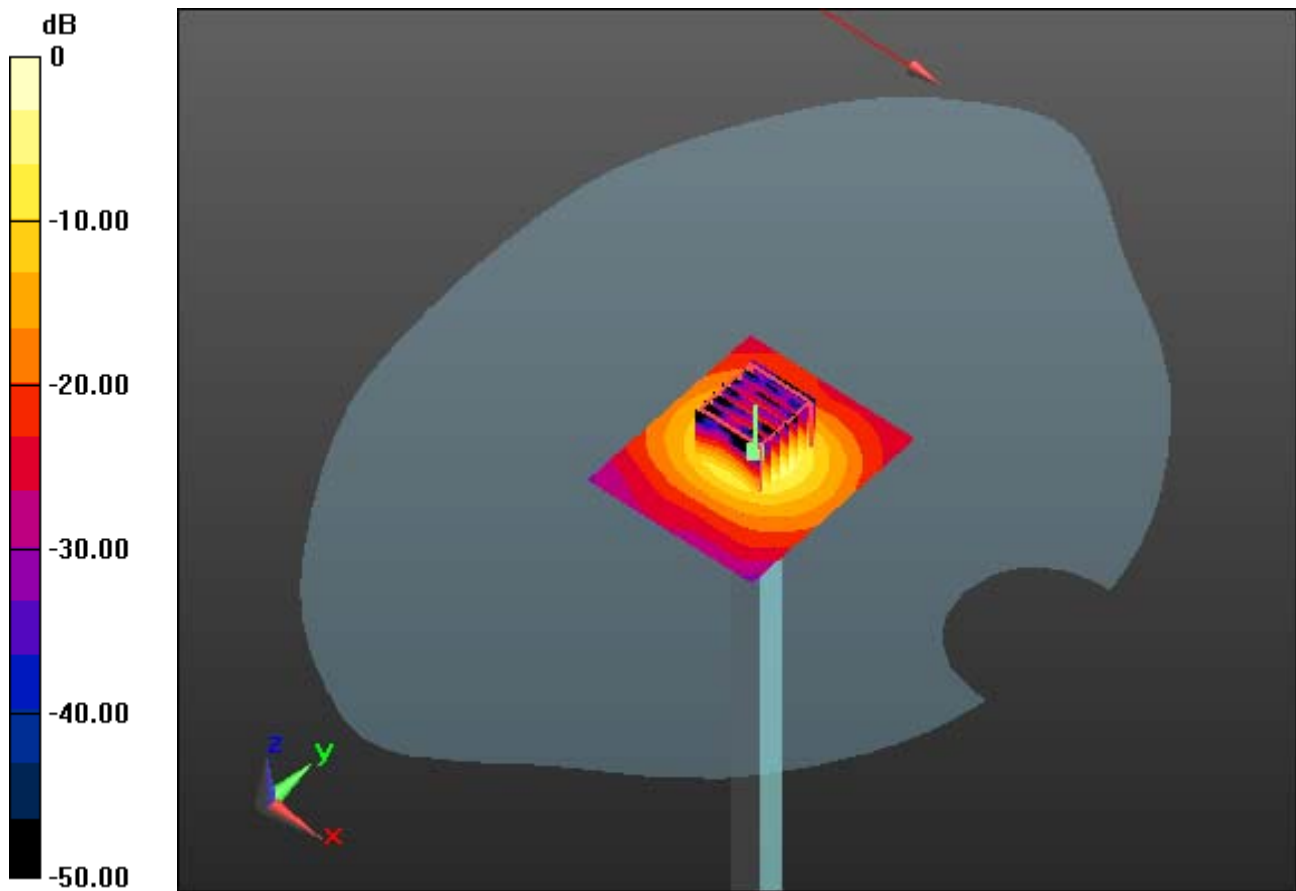
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.22 W/kg



0 dB = 17.0 W/kg

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.231$ S/m; $\epsilon_r = 48.647$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

5300 MHz System Verification

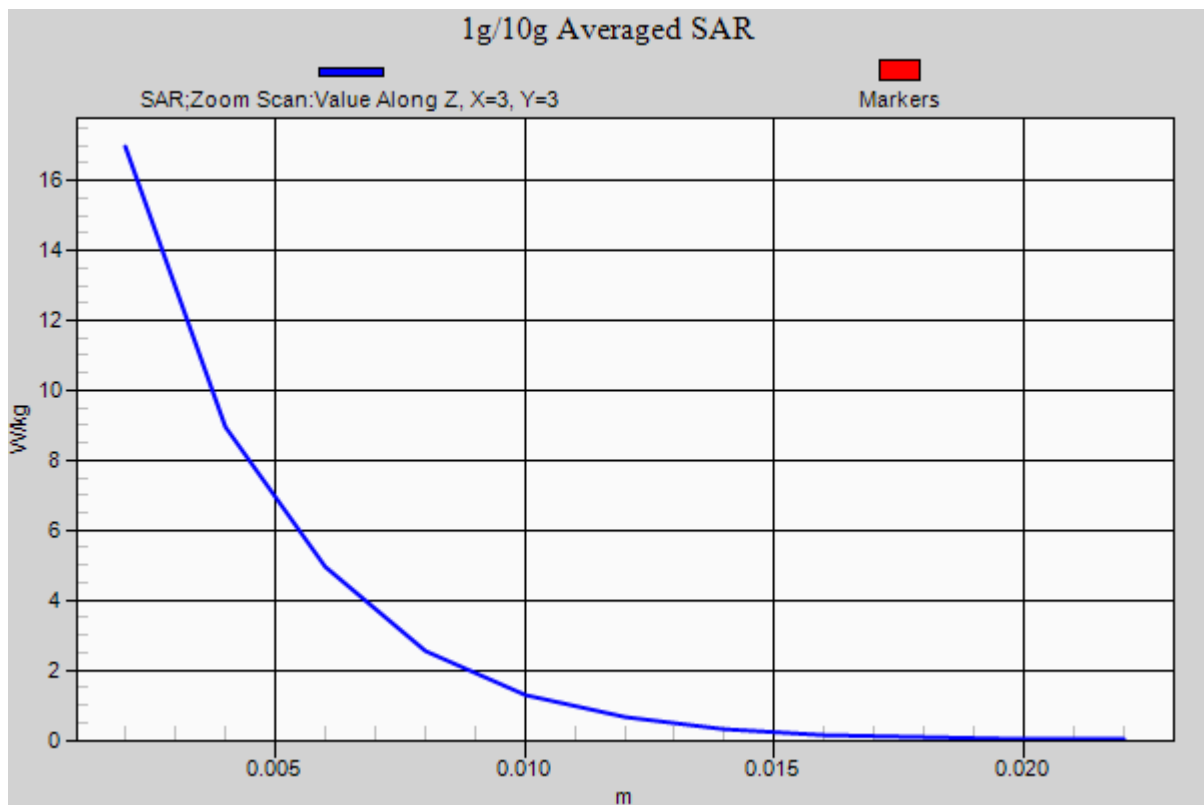
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.22 W/kg



DT&C Co., Ltd.

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

Communication System: W-LAN_5600 (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.258$ S/m; $\epsilon_r = 35.424$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.2

5600 MHz System Verification

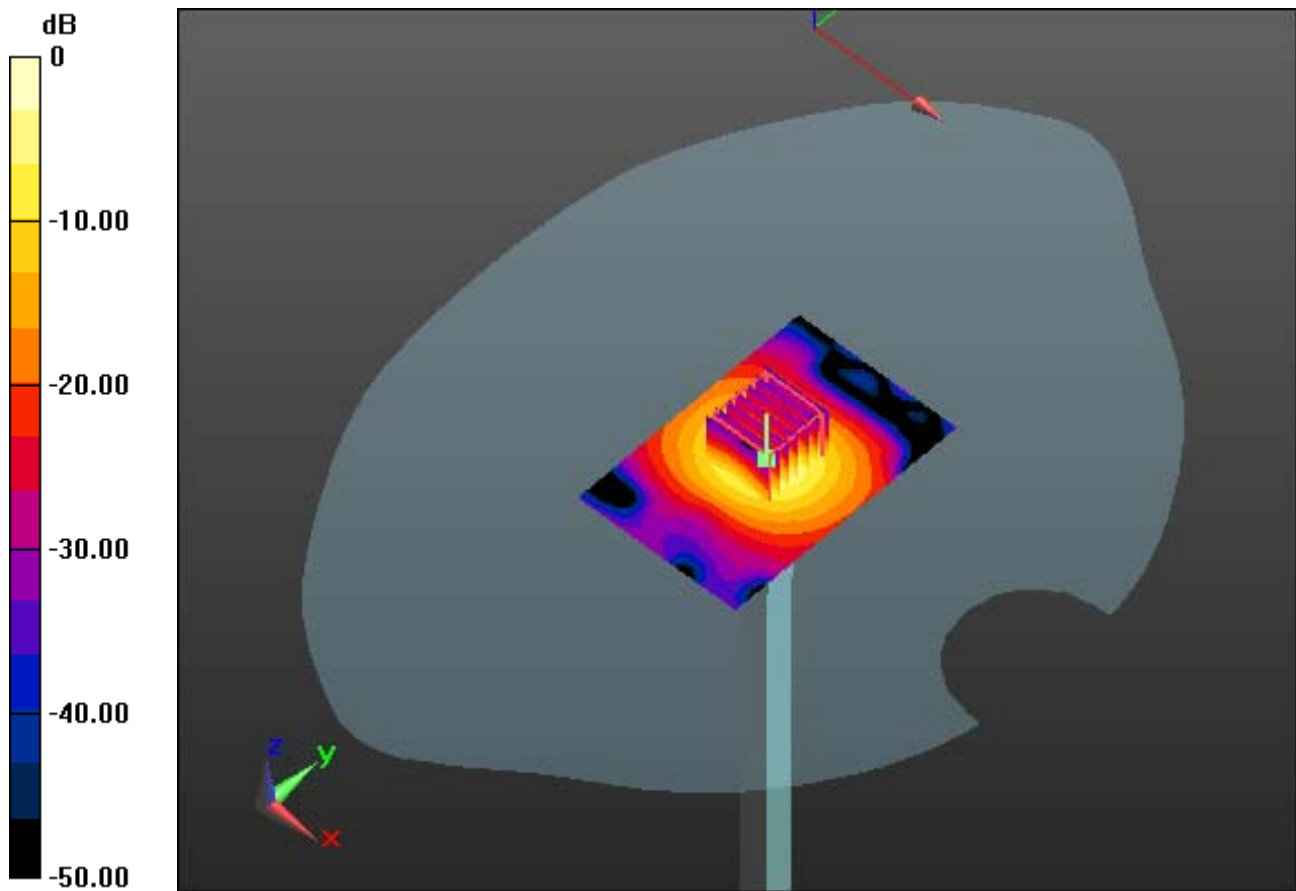
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 40.2 W/kg

SAR(1 g) = 8.54 W/kg; SAR(10 g) = 2.4 W/kg



0 dB = 18.2 W/kg

DT&C Co., Ltd.

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

Communication System: W-LAN_5600 (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.258$ S/m; $\epsilon_r = 35.424$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

5600 MHz System Verification

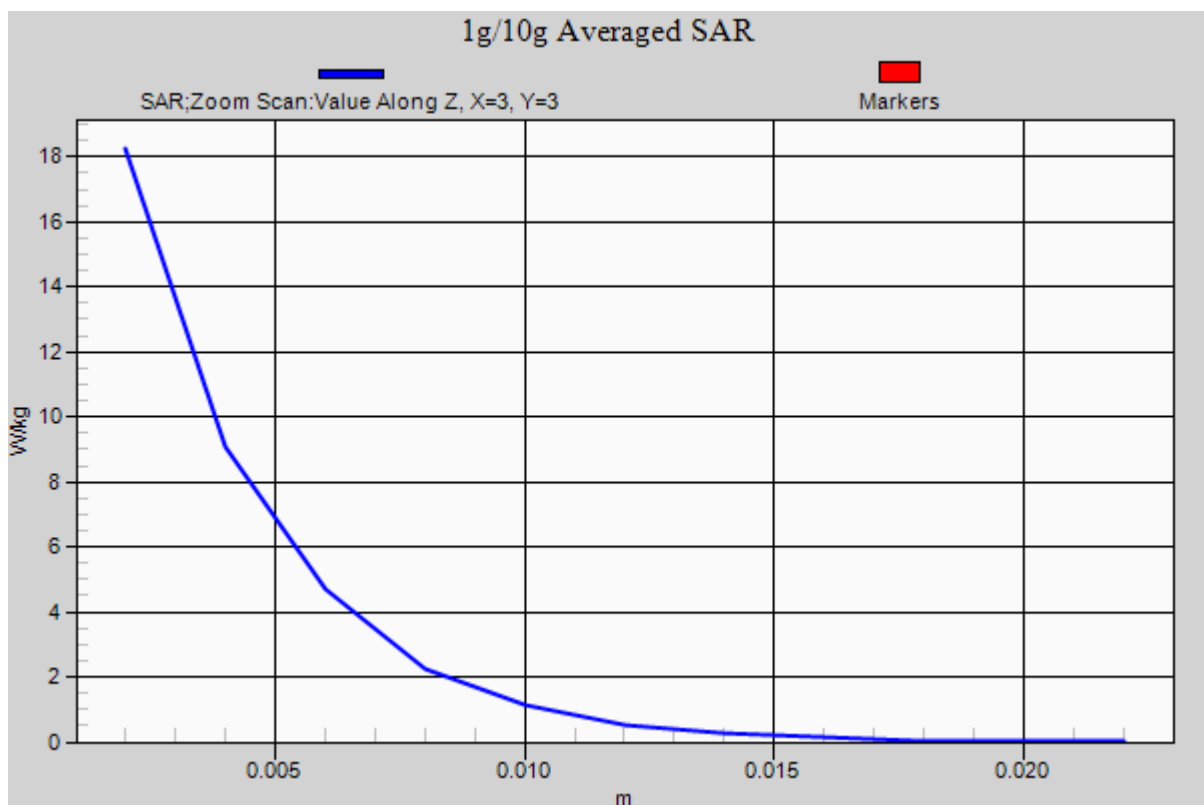
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 40.2 W/kg

SAR(1 g) = 8.54 W/kg; SAR(10 g) = 2.4 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.641$ S/m; $\epsilon_r = 48.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

5600 MHz System Verification

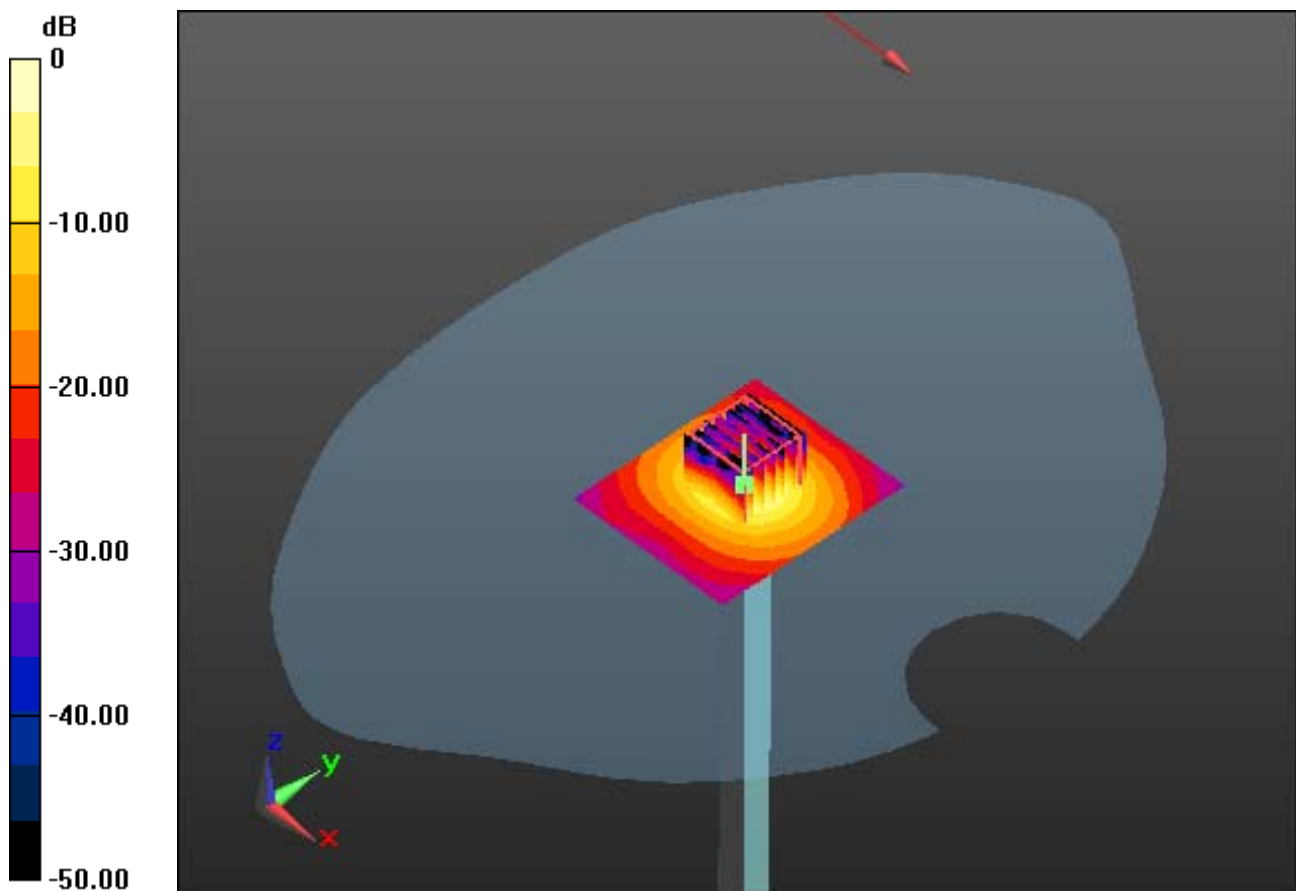
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.9 W/kg

SAR(1 g) = 8.38 W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 17.9 W/kg

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.641$ S/m; $\epsilon_r = 48.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

5600 MHz System Verification

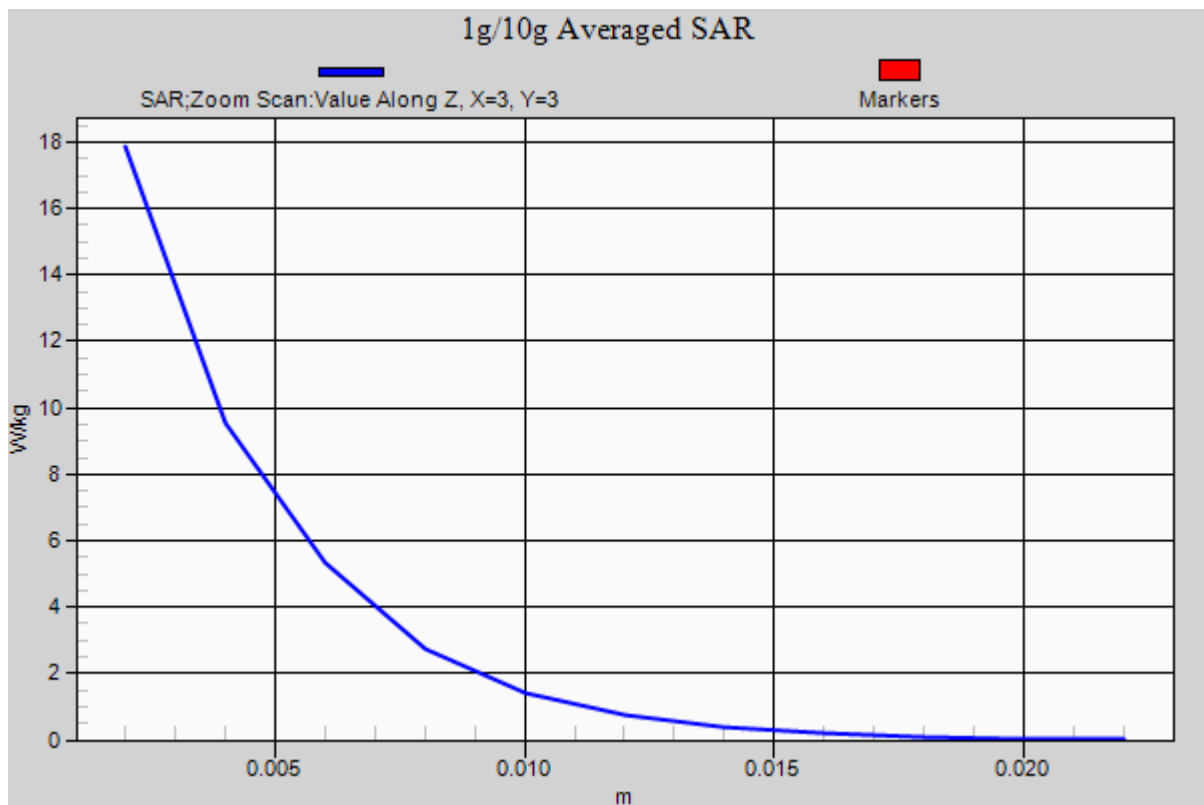
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.9 W/kg

SAR(1 g) = 8.38 W/kg; SAR(10 g) = 2.33 W/kg



DT&C 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; $\sigma = 5.495$ S/m; $\epsilon_r = 35.041$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

5800 MHz System Verification

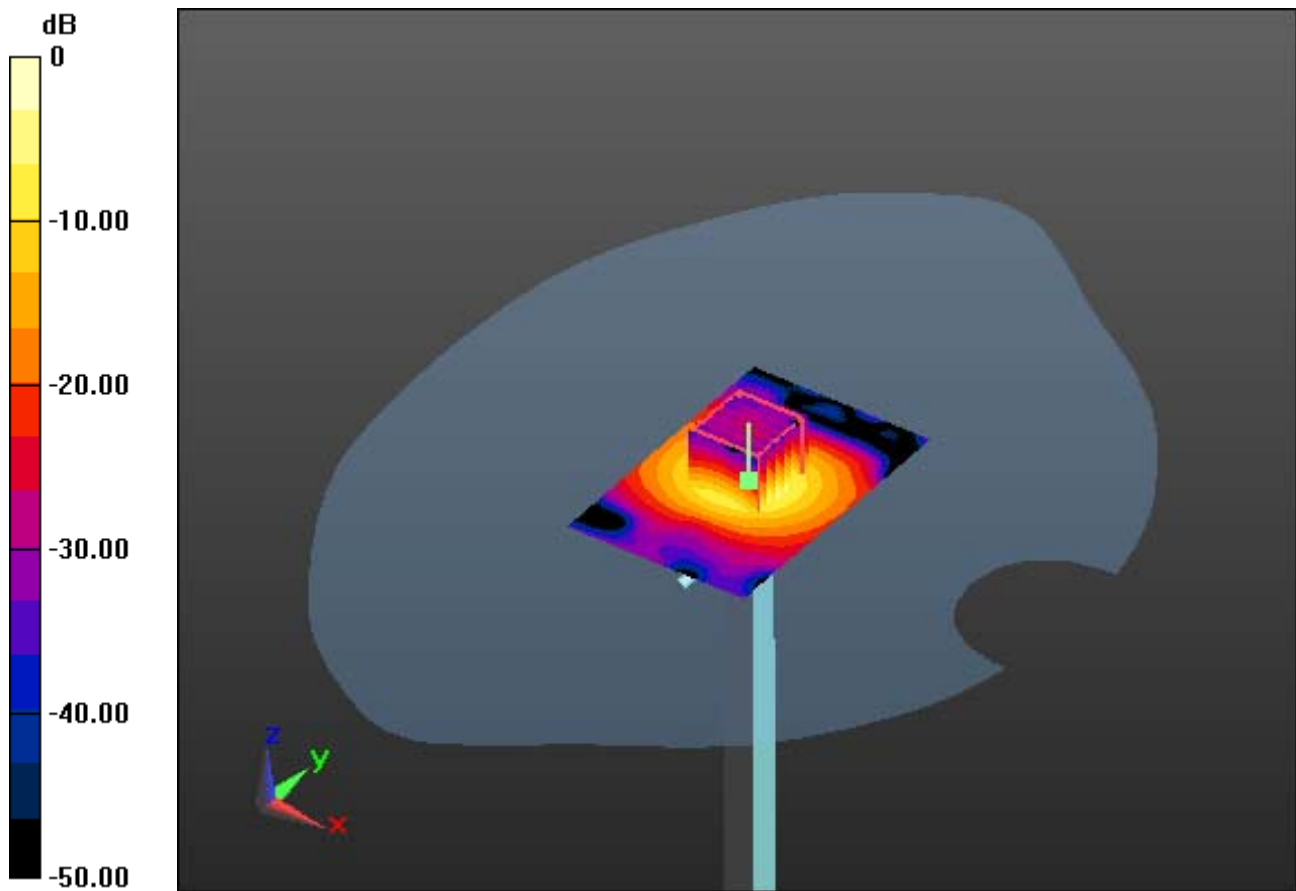
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 37.2 W/kg

SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.22 W/kg



0 dB = 16.9 W/kg

DT&C 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; $\sigma = 5.495$ S/m; $\epsilon_r = 35.041$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

5800 MHz System Verification

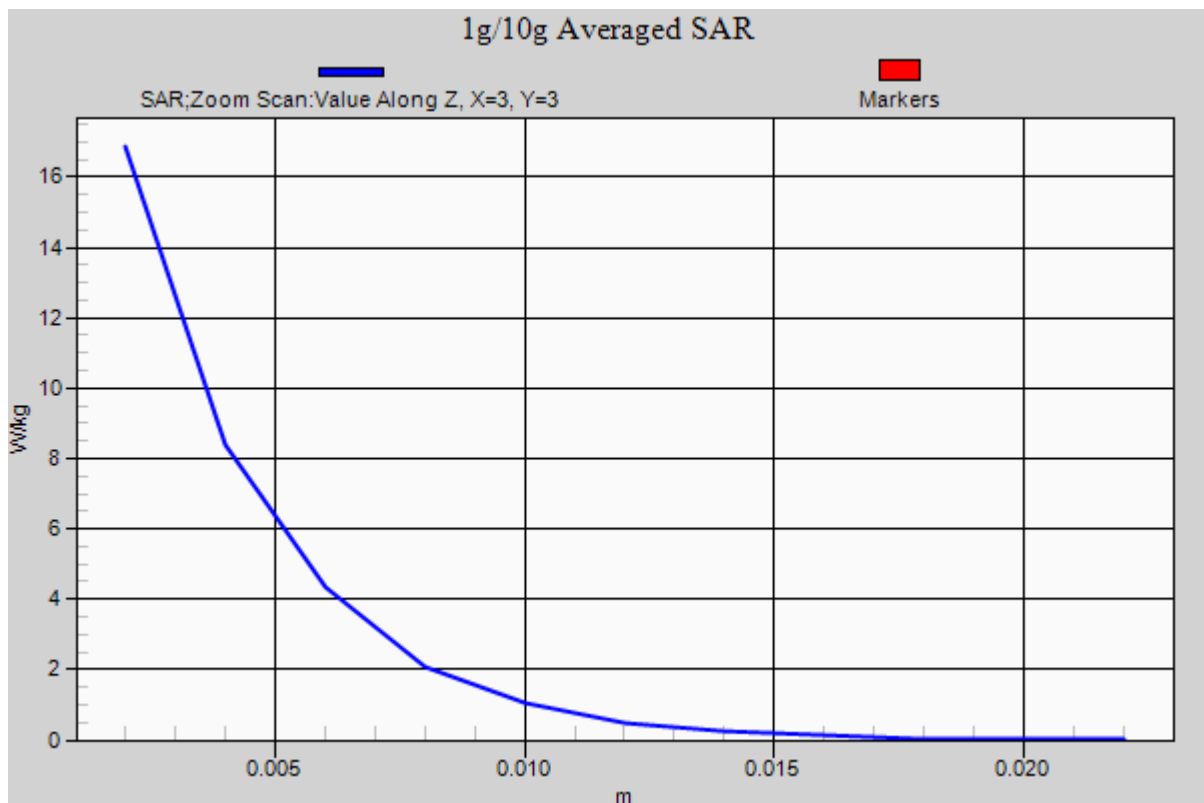
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 37.2 W/kg

SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.22 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.9$ S/m; $\epsilon_r = 47.836$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

5800 MHz System Verification

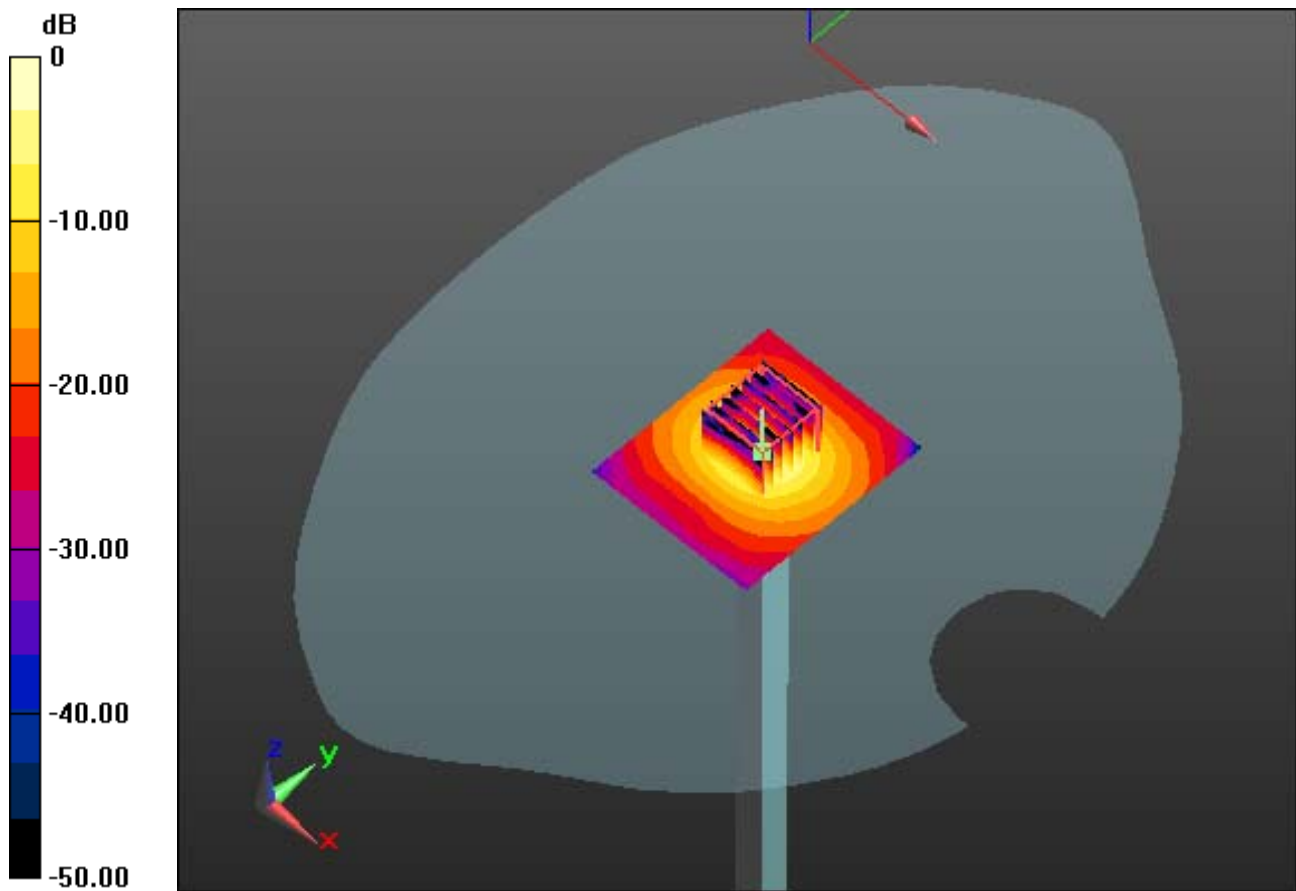
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.5 W/kg

SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.25 W/kg



0 dB = 17.1 W/kg

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.9$ S/m; $\epsilon_r = 47.836$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

5800 MHz System Verification

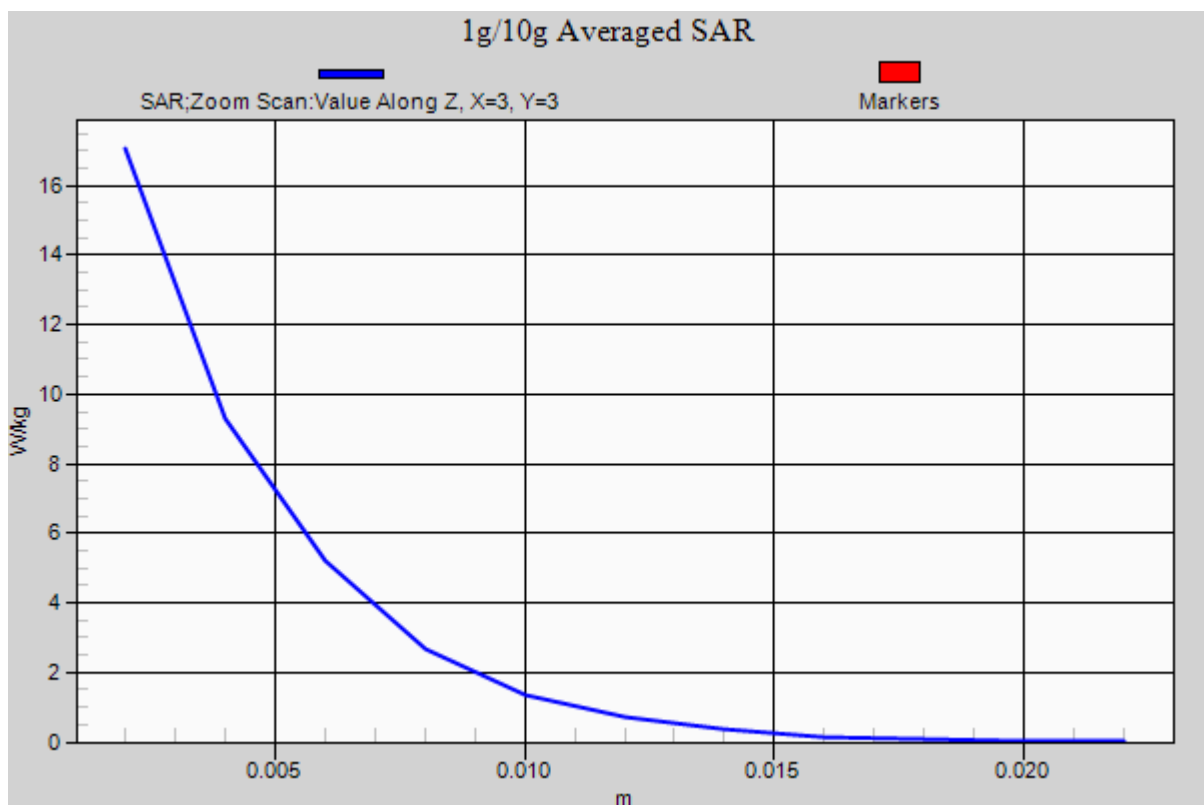
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.5 W/kg

SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.25 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 40.316$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

Right Tilt, GSM850 GPRS 1Tx Ch. 190, Ant Internal, Standard Battery

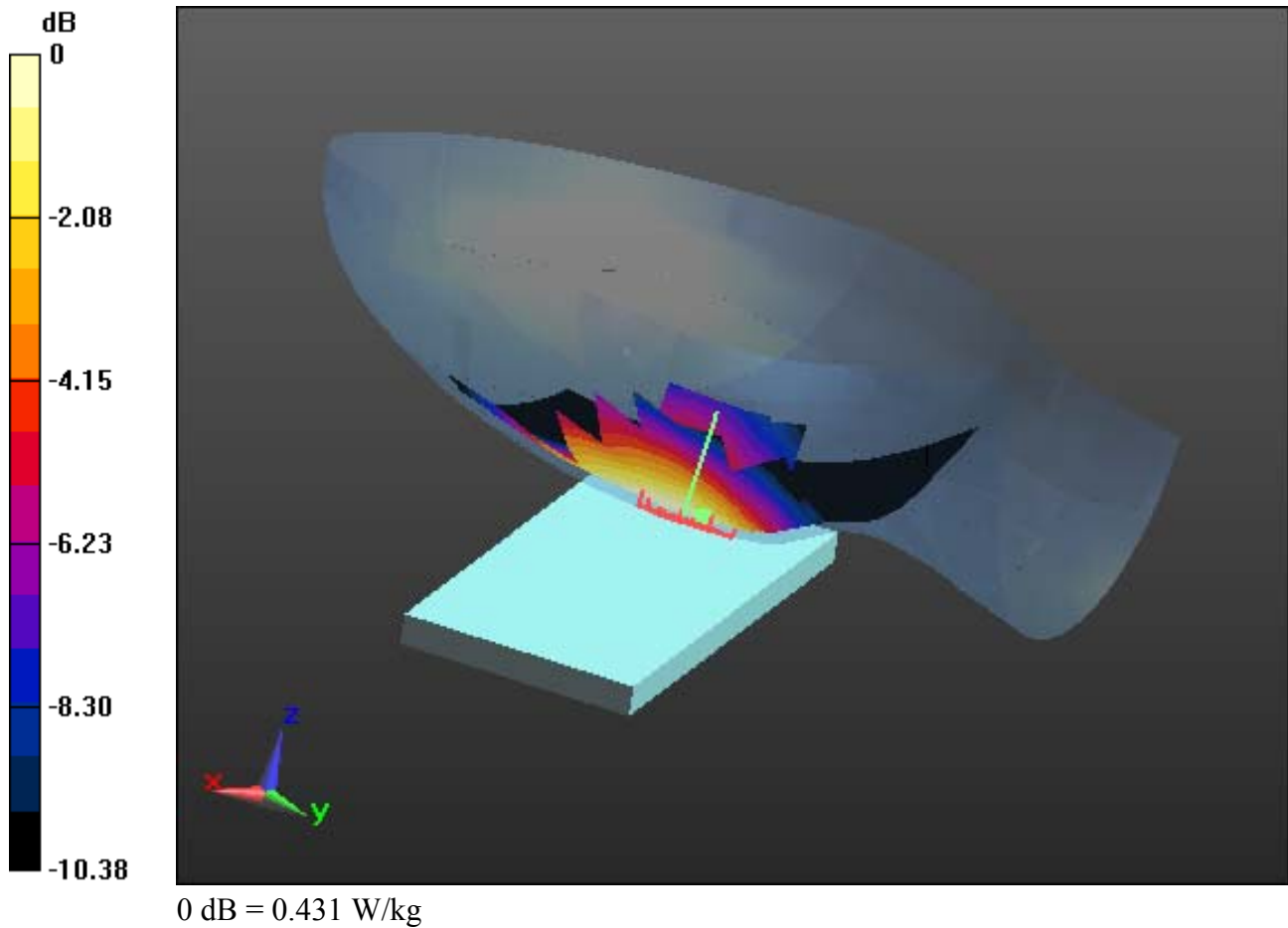
Area Scan (81x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.279 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 40.316$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

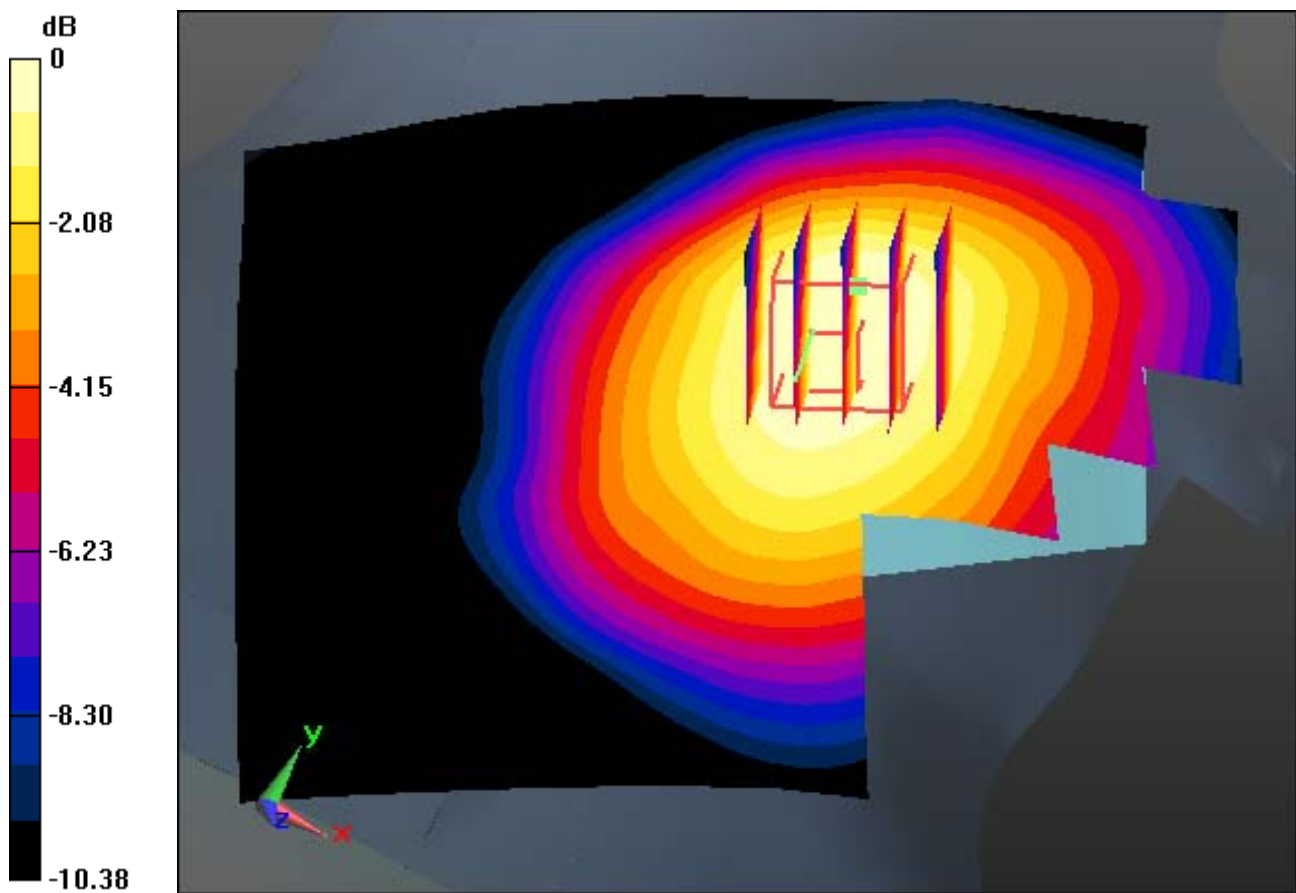
Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

Right Tilt, GSM850 GPRS 1Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.279 W/kg



0 dB = 0.431 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 40.316$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

Right Tilt, GSM850 GPRS 1Tx Ch. 190, Ant Internal, Standard Battery

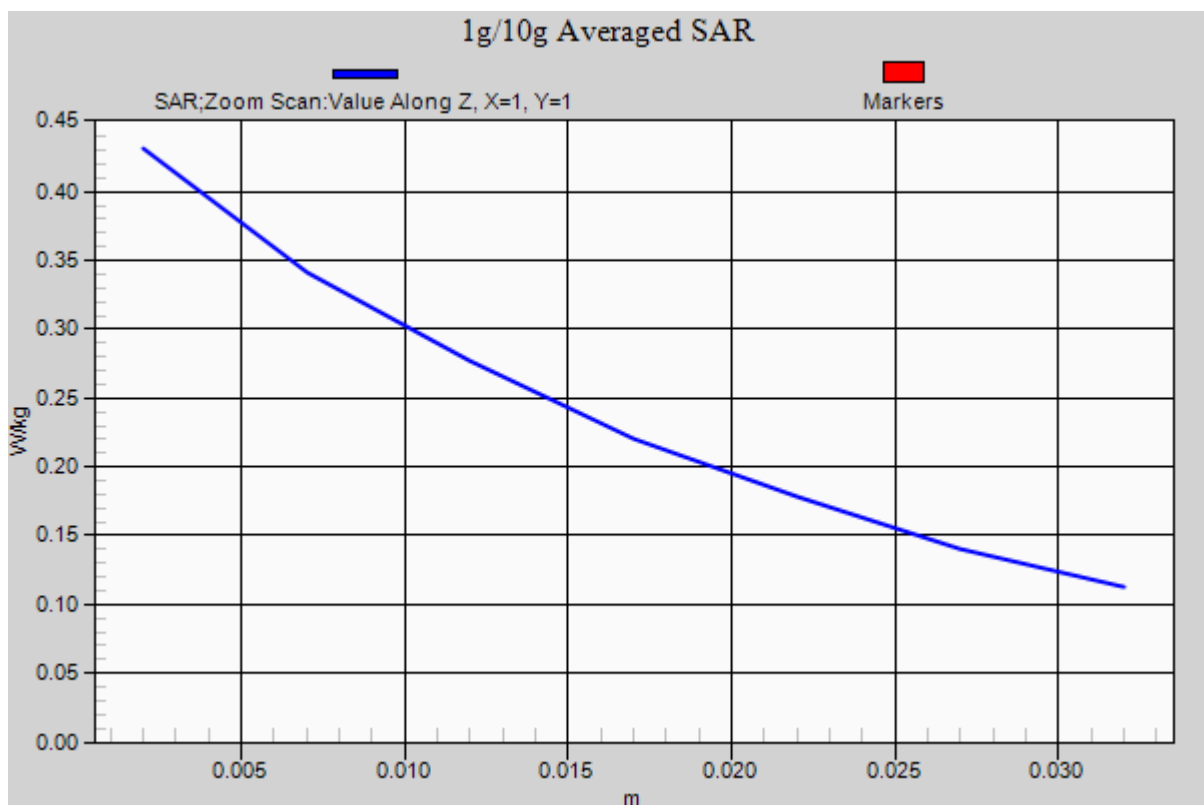
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.279 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.416 \text{ S/m}$; $\epsilon_r = 39.801$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

Left Touch, PCS1900 GPRS 3Tx Ch. 661, Ant Internal, Standard Battery

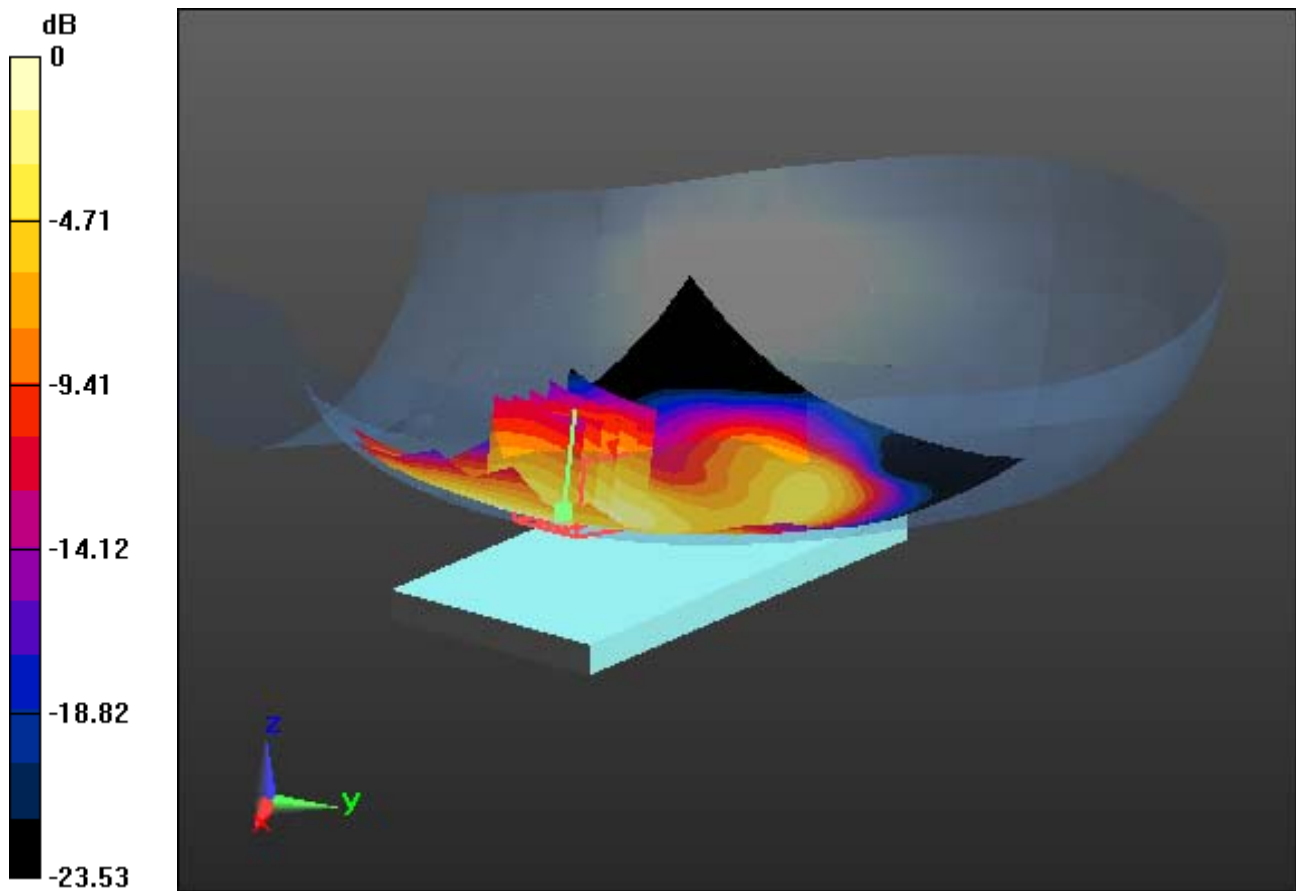
Area Scan (81x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 0.405 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 39.801$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

Left Touch, PCS1900 GPRS 3Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

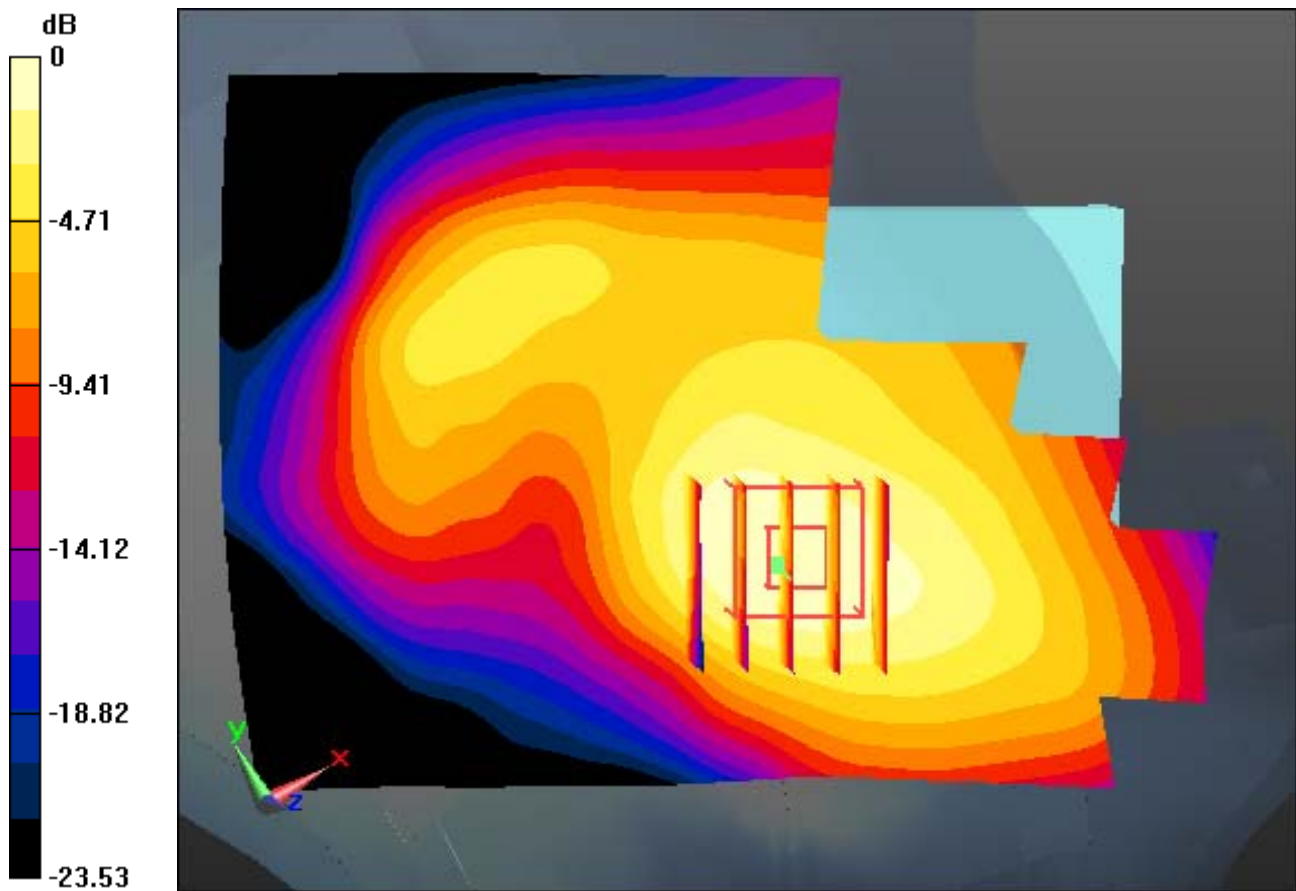
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 0.405 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 39.801$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

Left Touch, PCS1900 GPRS 3Tx Ch. 661, Ant Internal, Standard Battery

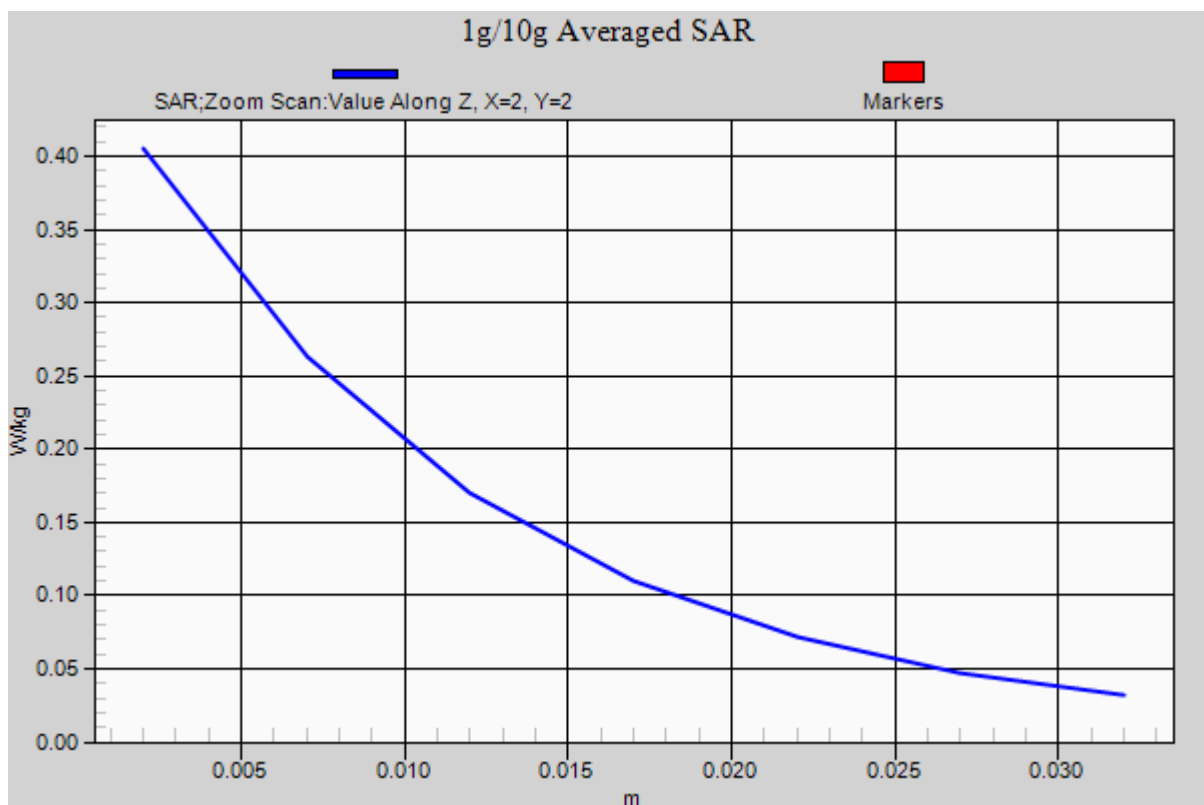
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.196 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 42.812$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

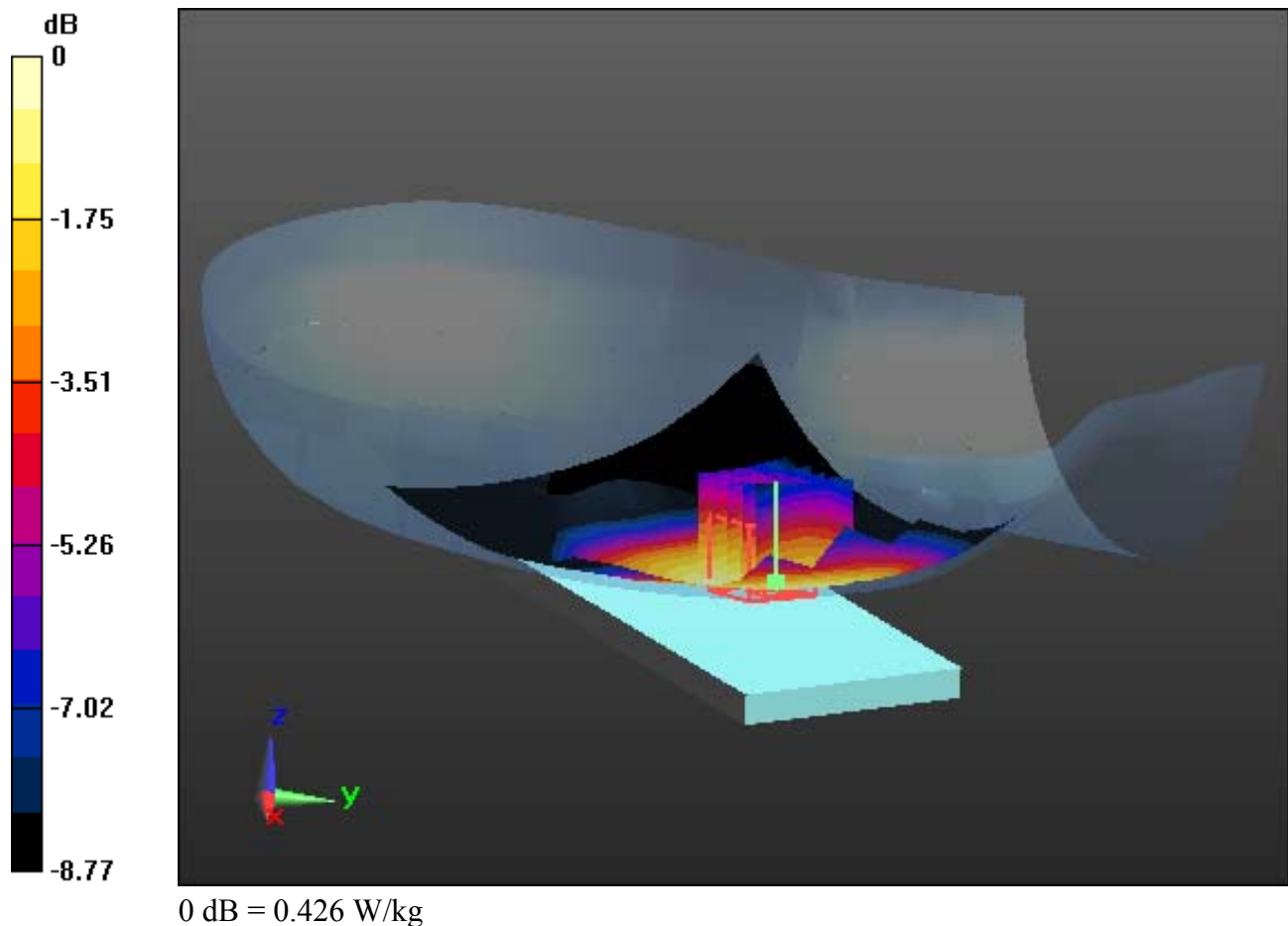
Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

Area Scan (81x121x1): Interpolated 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 = -0.10 dB

Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.288 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 42.812$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

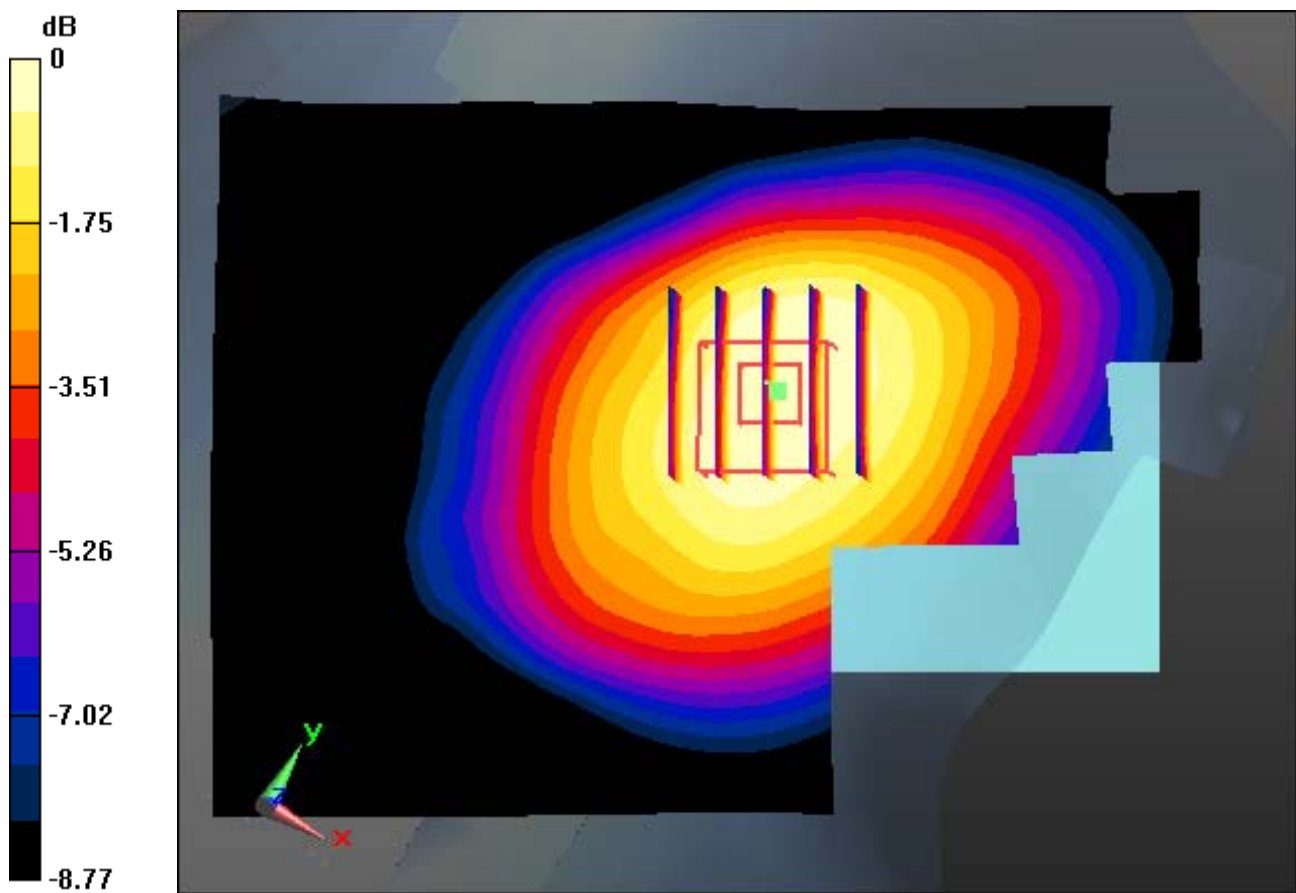
Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

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

With Enlarge plot image

Area Scan (81x121x1): Interpolated 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 = -0.10 dB
Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.288 W/kg



0 dB = 0.426 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar;

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 42.812$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

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

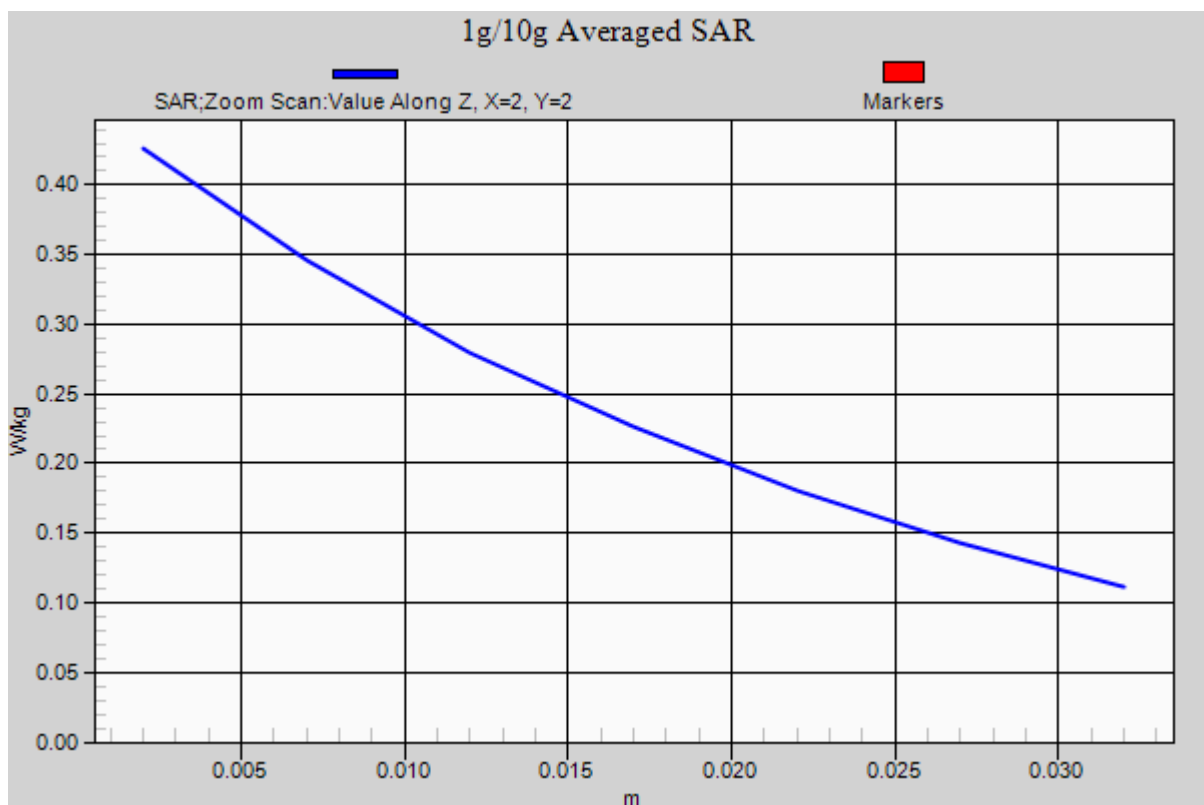
Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.288 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 37.946$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

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

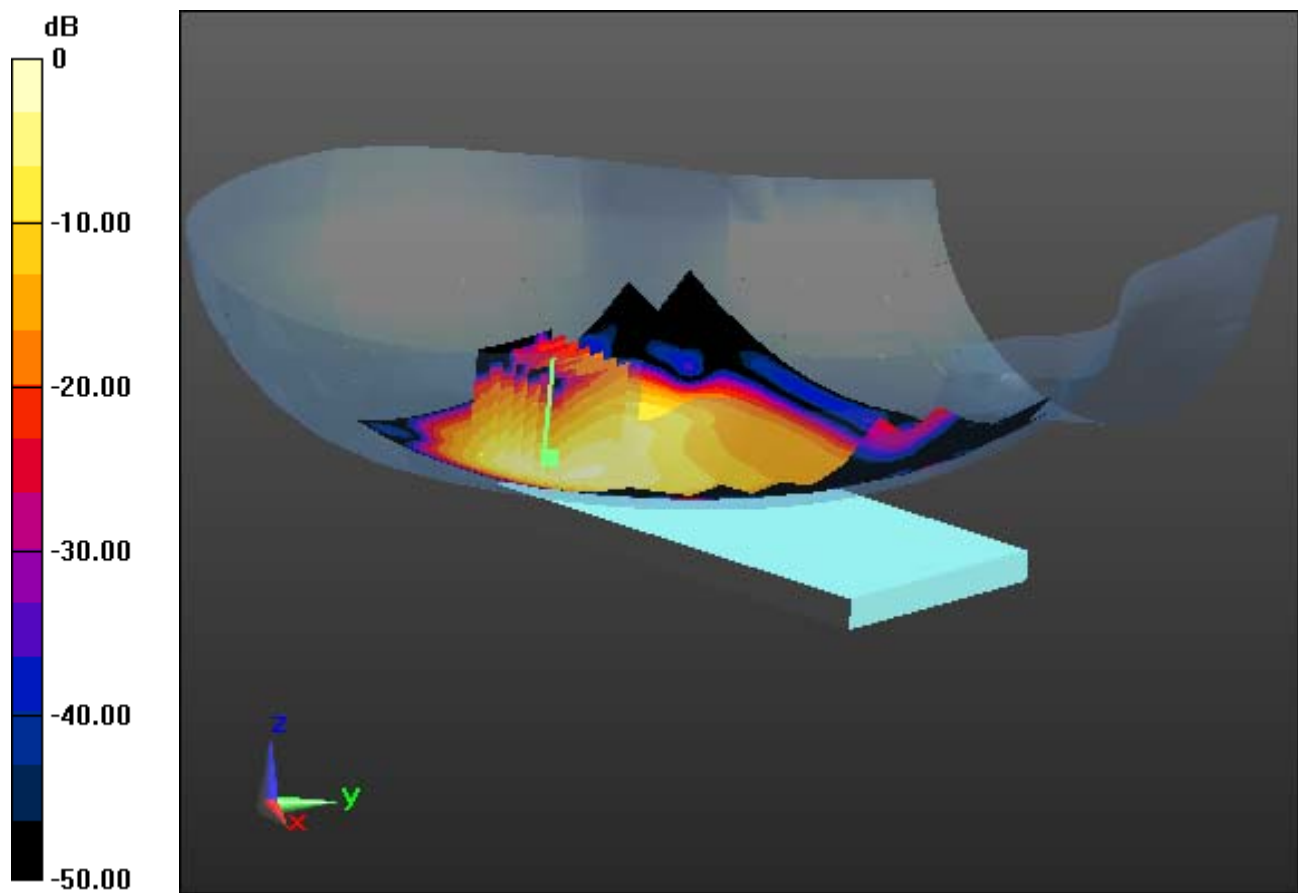
Area Scan (101x141x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.086 W/kg



0 dB = 0.276 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 37.946$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

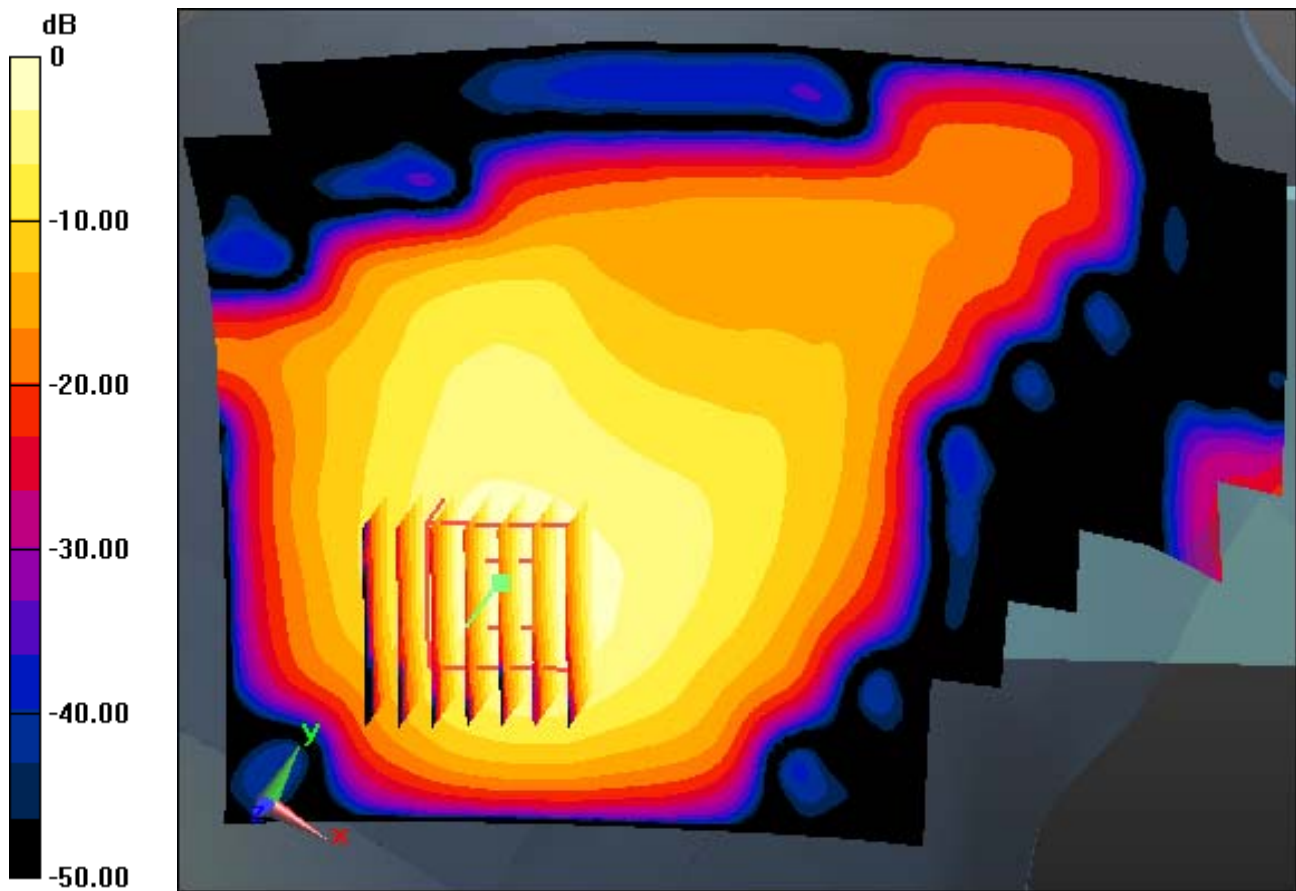
Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

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

With Enlarge plot image

Area Scan (101x141x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.086 W/kg



0 dB = 0.276 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 37.946$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

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

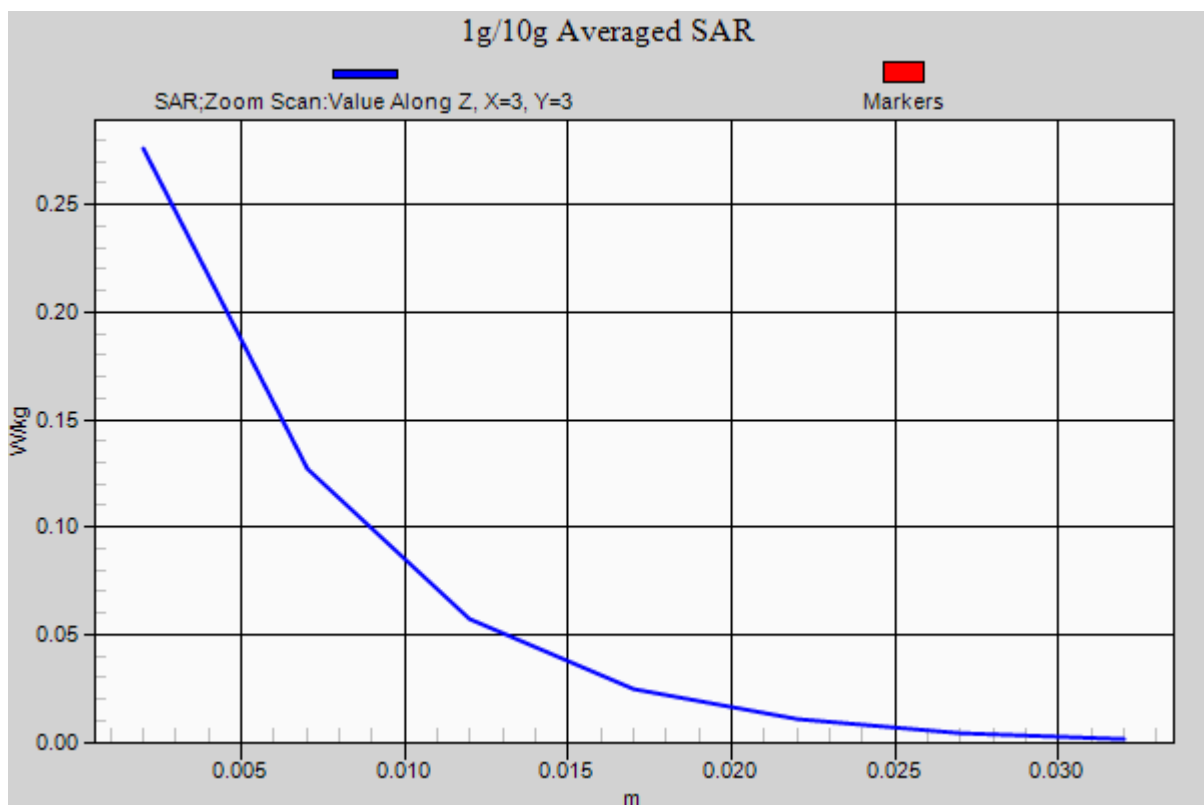
Area Scan (101x141x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.086 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.428$ S/m; $\epsilon_r = 35.151$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal, Standard Battery

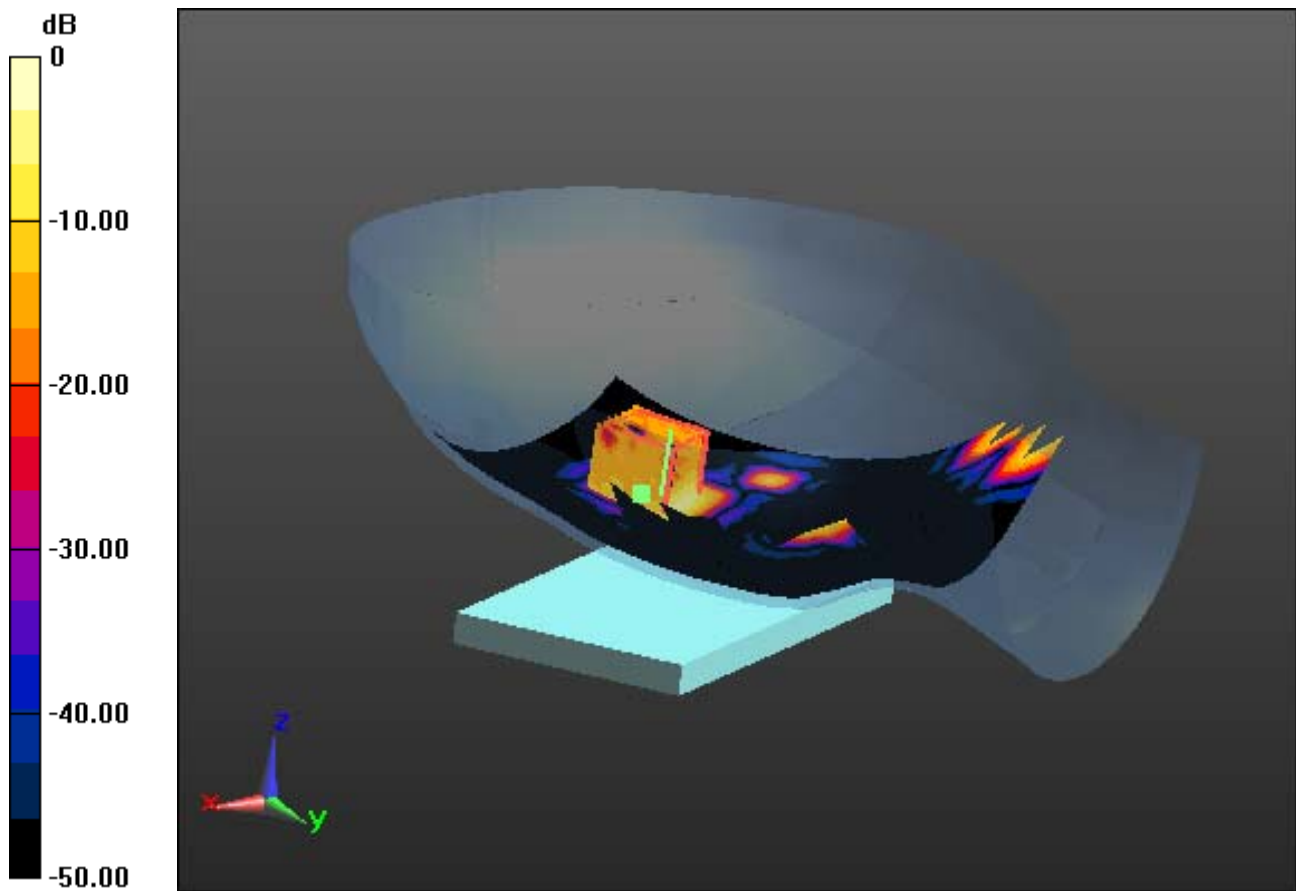
Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.059 W/kg



0 dB = 0.446 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.428$ S/m; $\epsilon_r = 35.151$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

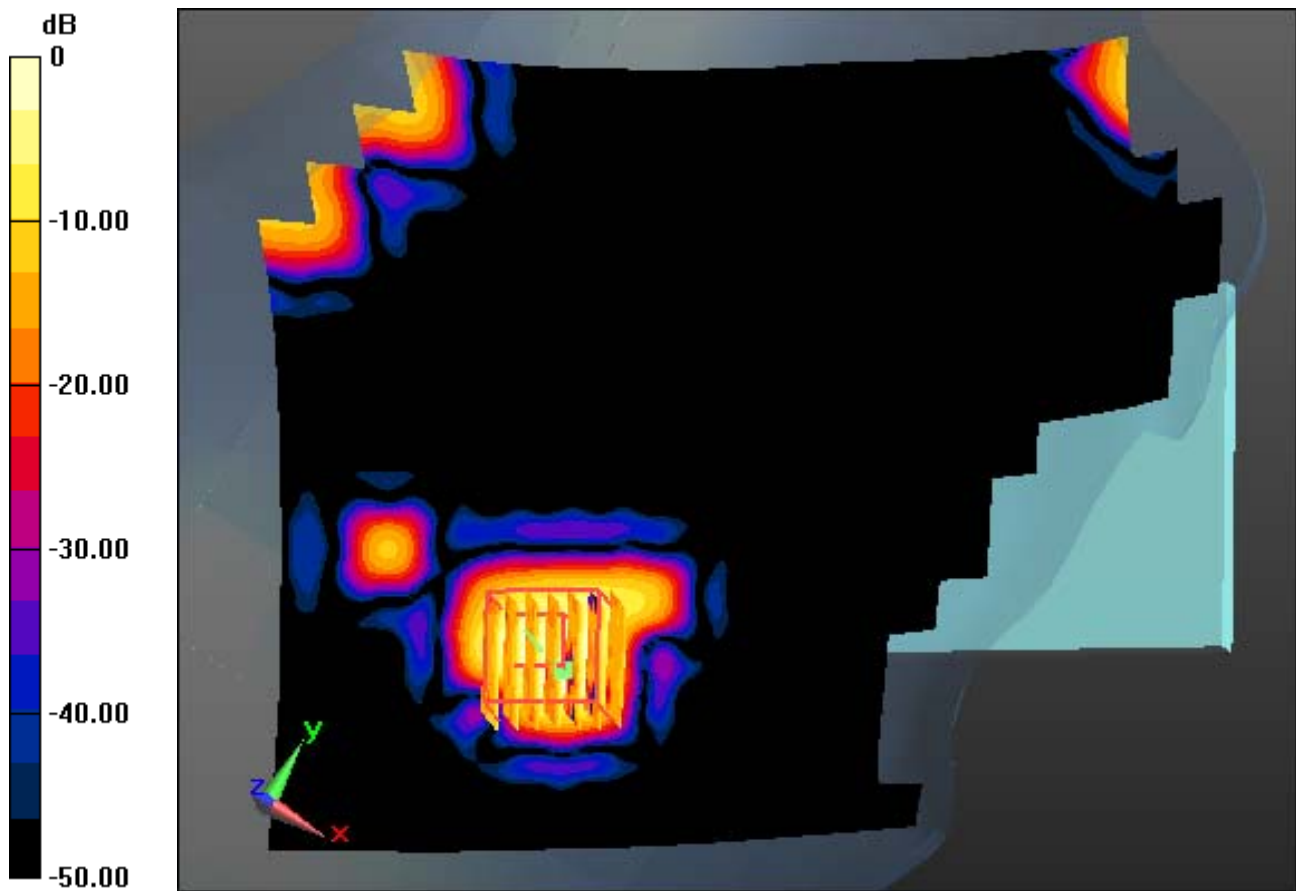
Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (151x201x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.835 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.059 W/kg



0 dB = 0.446 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.428$ S/m; $\epsilon_r = 35.151$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal, Standard Battery

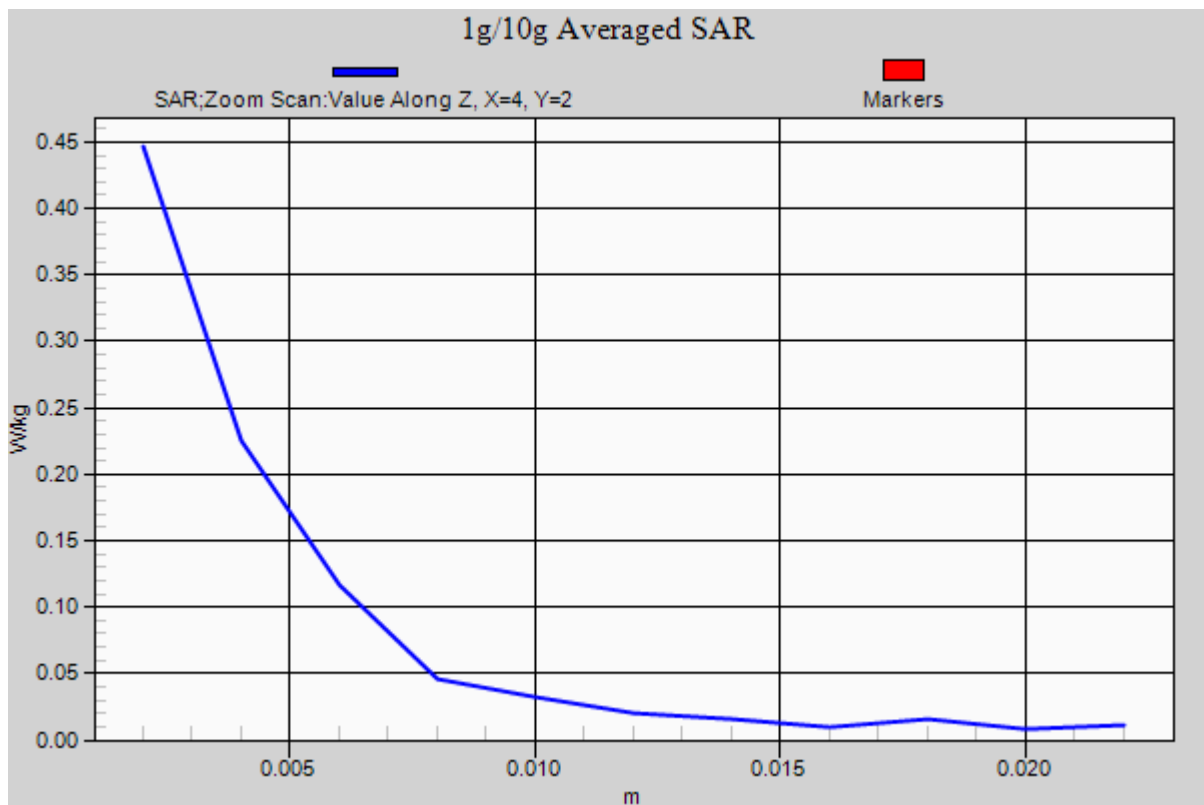
Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.059 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.757 \text{ S/m}$; $\epsilon_r = 36.215$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

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

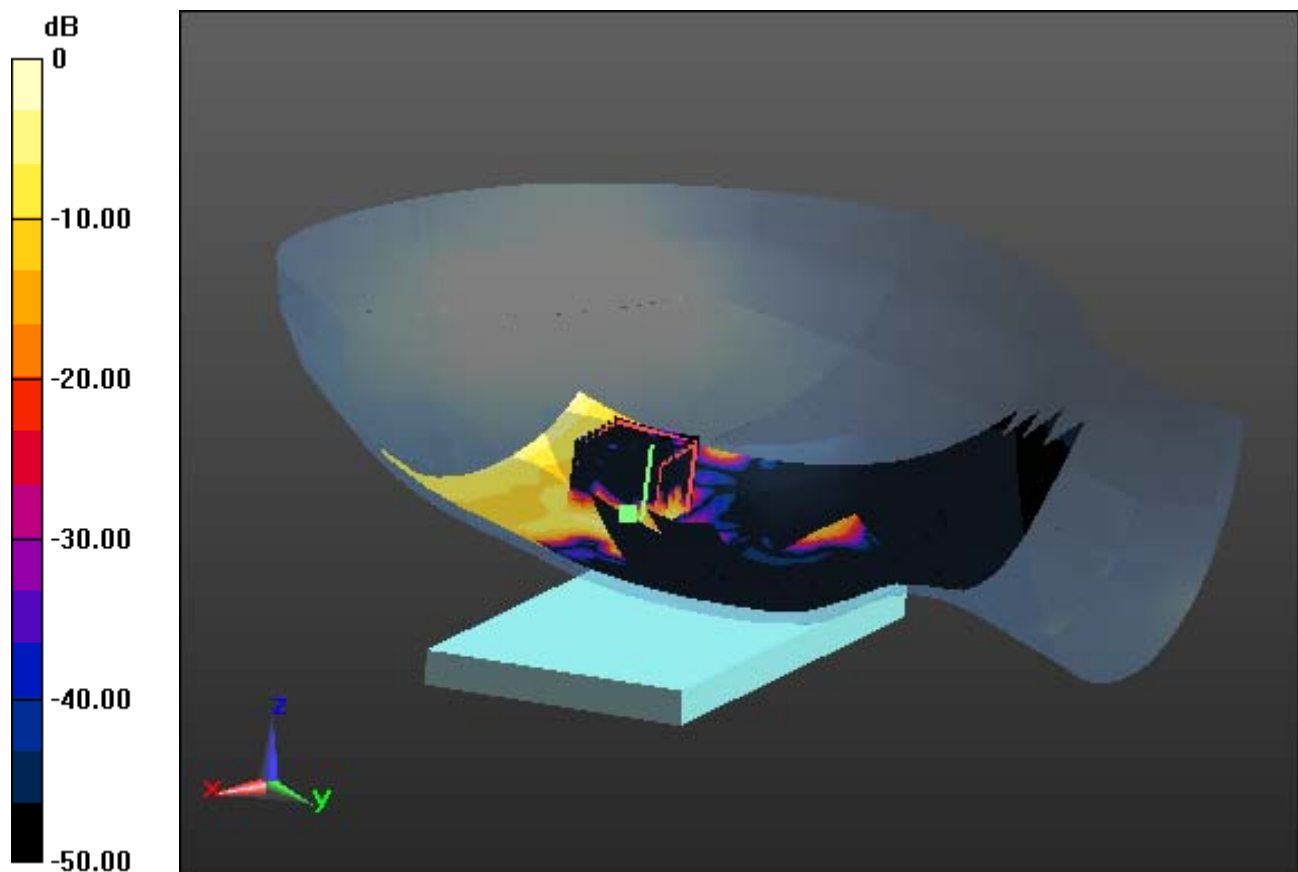
Area Scan (151x201x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.227 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 4.757$ S/m; $\epsilon_r = 36.215$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

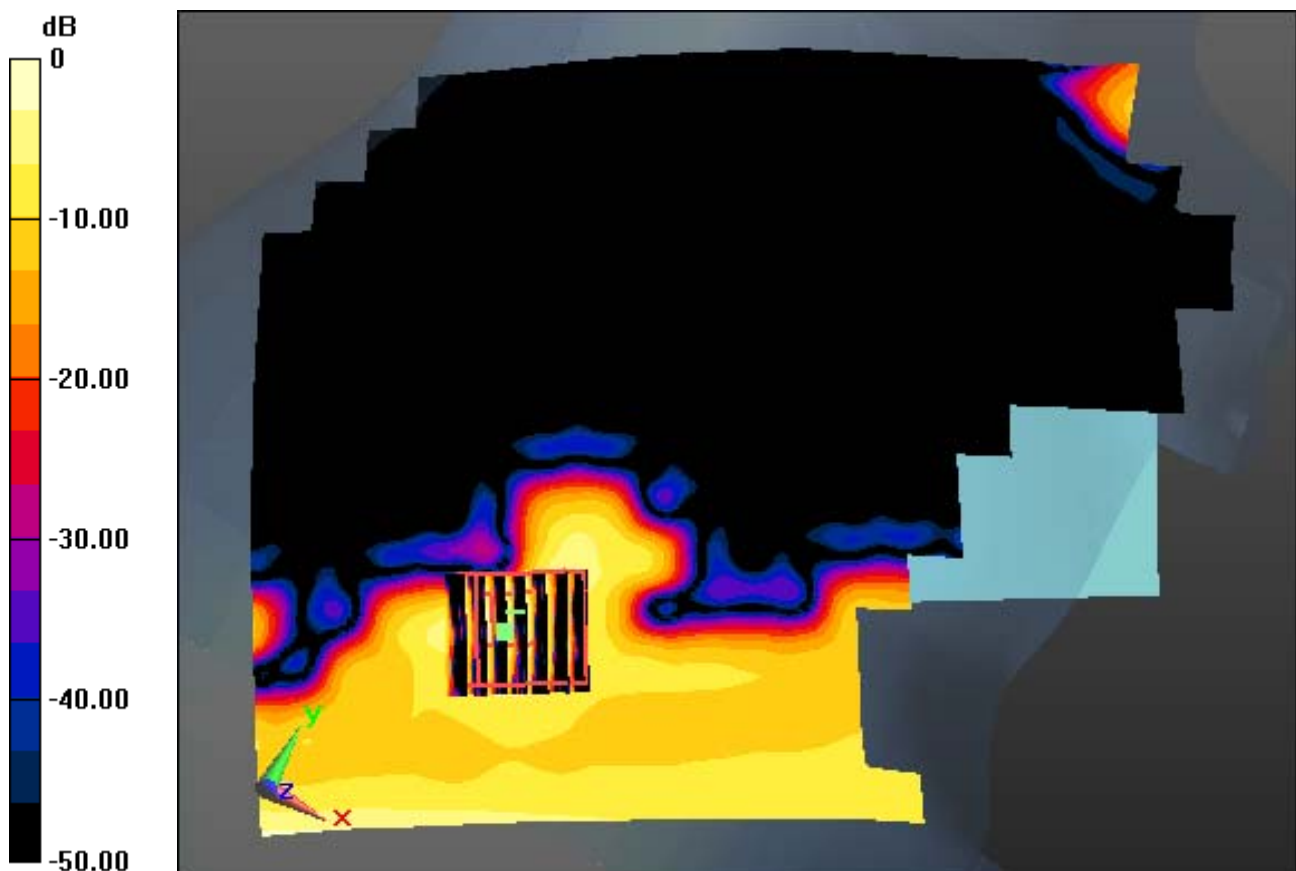
Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

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

With Enlarge plot image

Area Scan (151x201x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.412 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.227 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.757 \text{ S/m}$; $\epsilon_r = 36.215$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

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

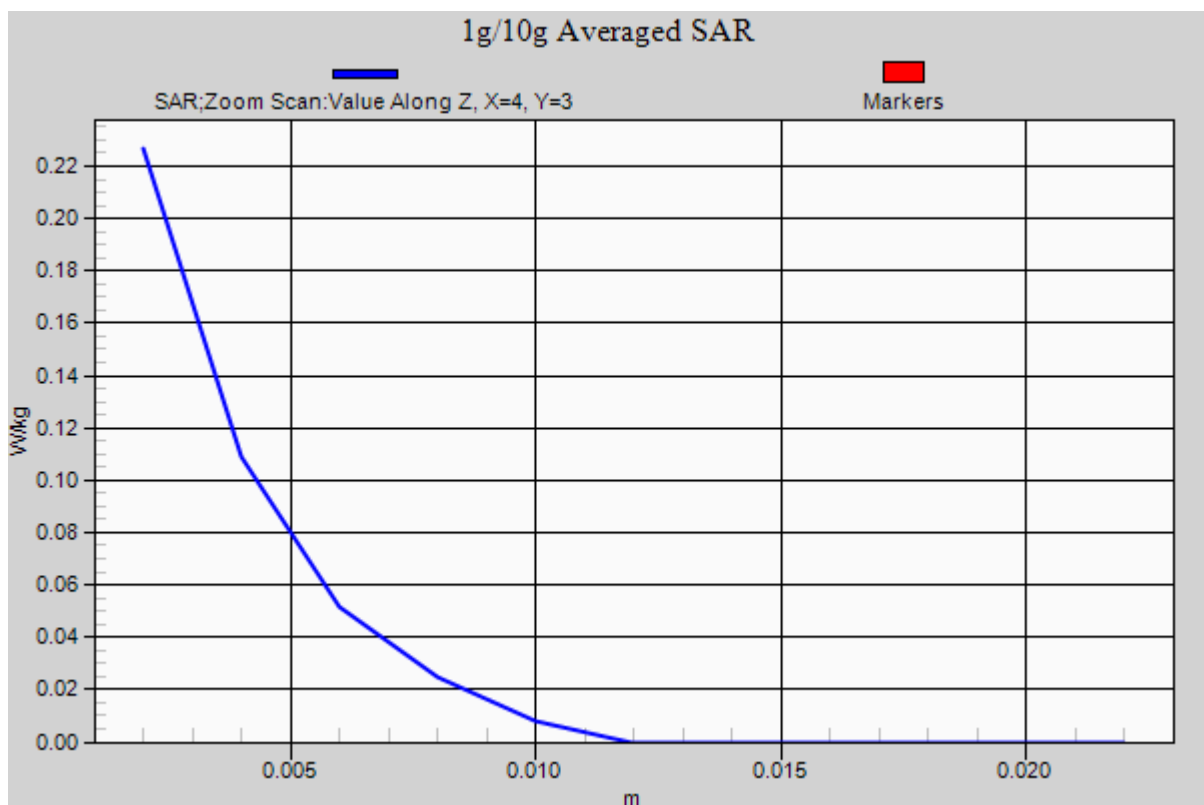
Area Scan (151x201x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.027 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 4.857$ S/m; $\epsilon_r = 36.048$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal, Standard Battery

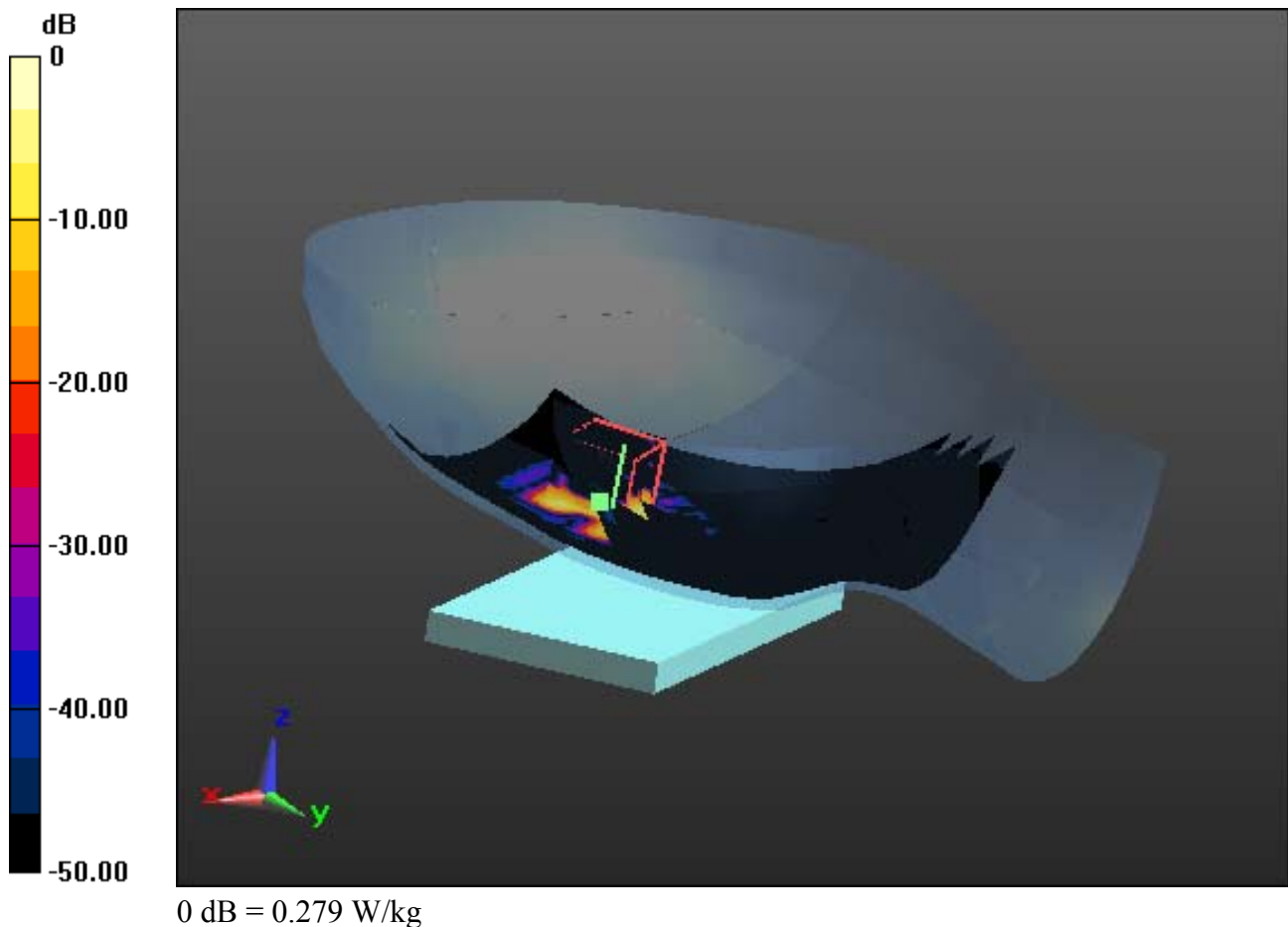
Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.035 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 4.857$ S/m; $\epsilon_r = 36.048$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

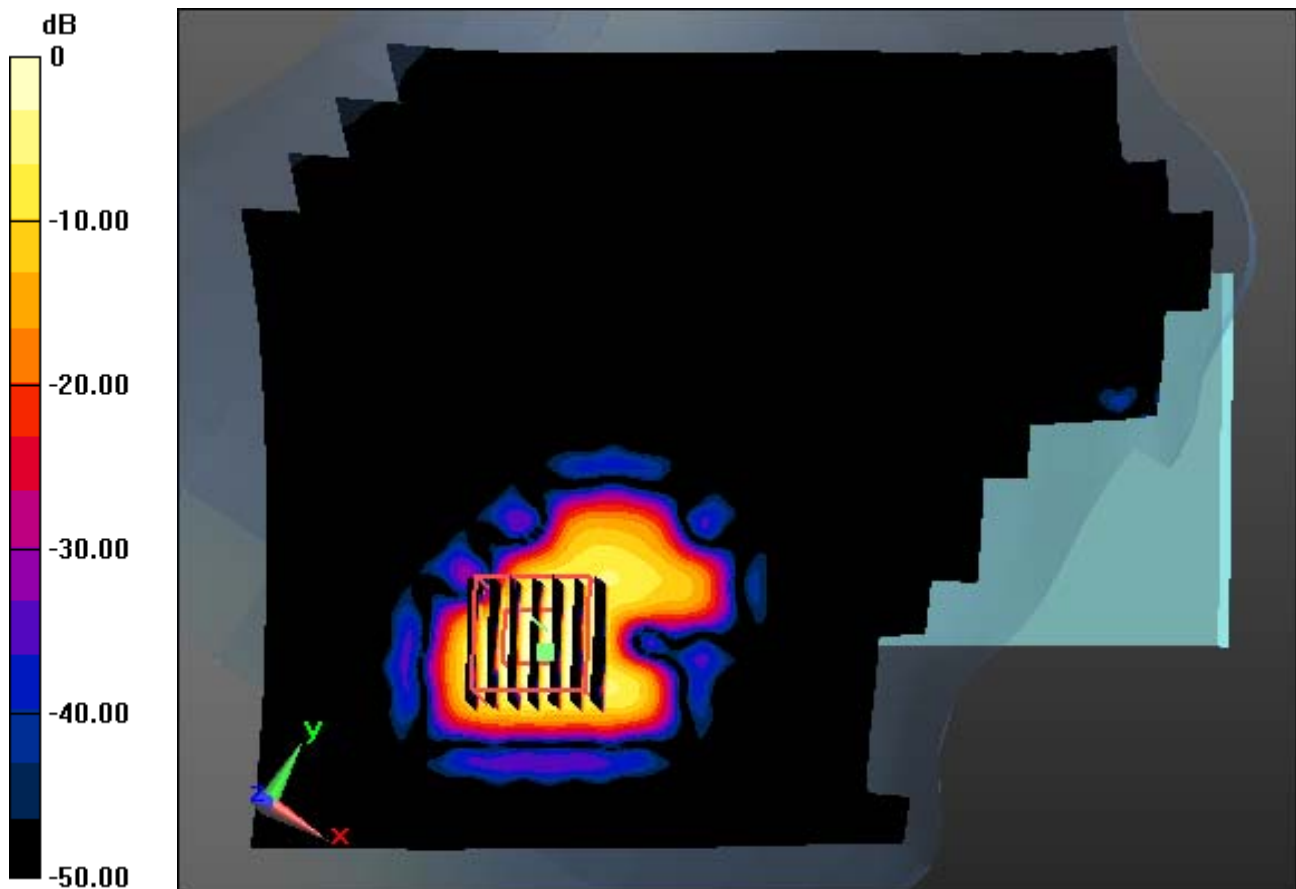
Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.035 W/kg



0 dB = 0.279 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 4.857$ S/m; $\epsilon_r = 36.048$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal, Standard Battery

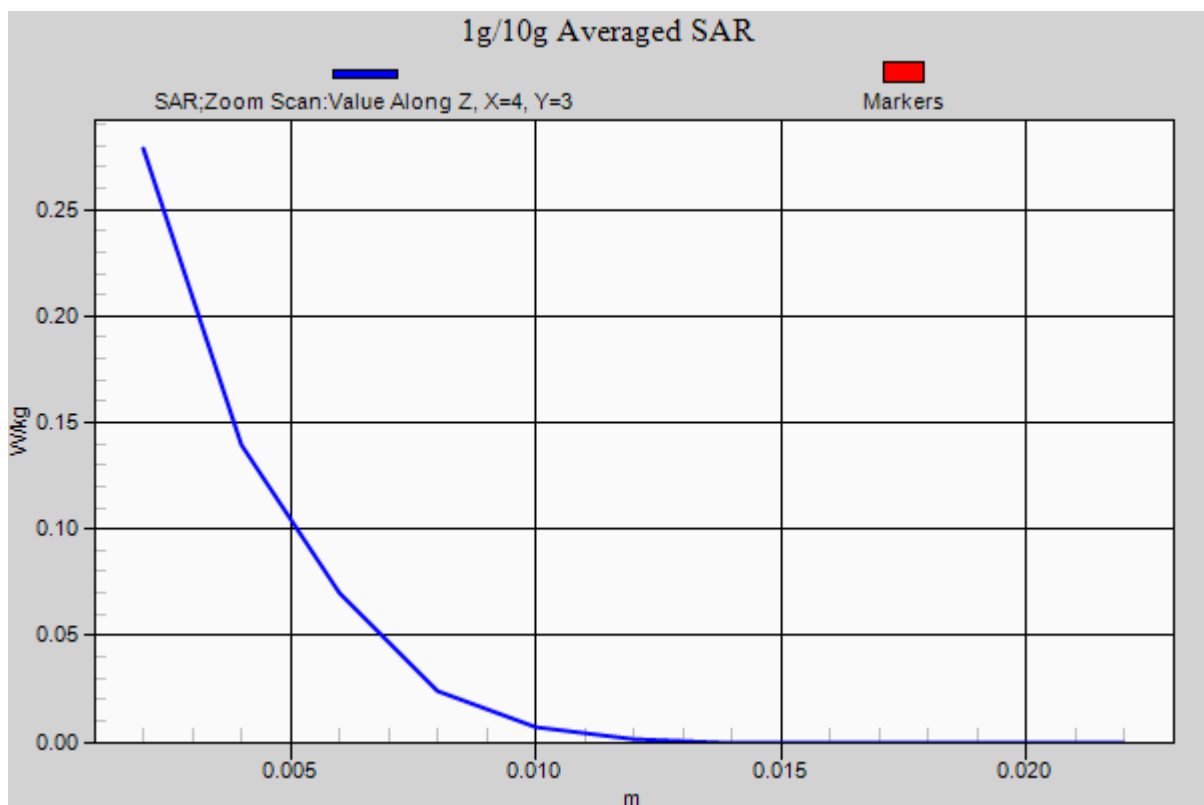
Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.035 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.233 \text{ S/m}$; $\epsilon_r = 35.444$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal, Standard Battery

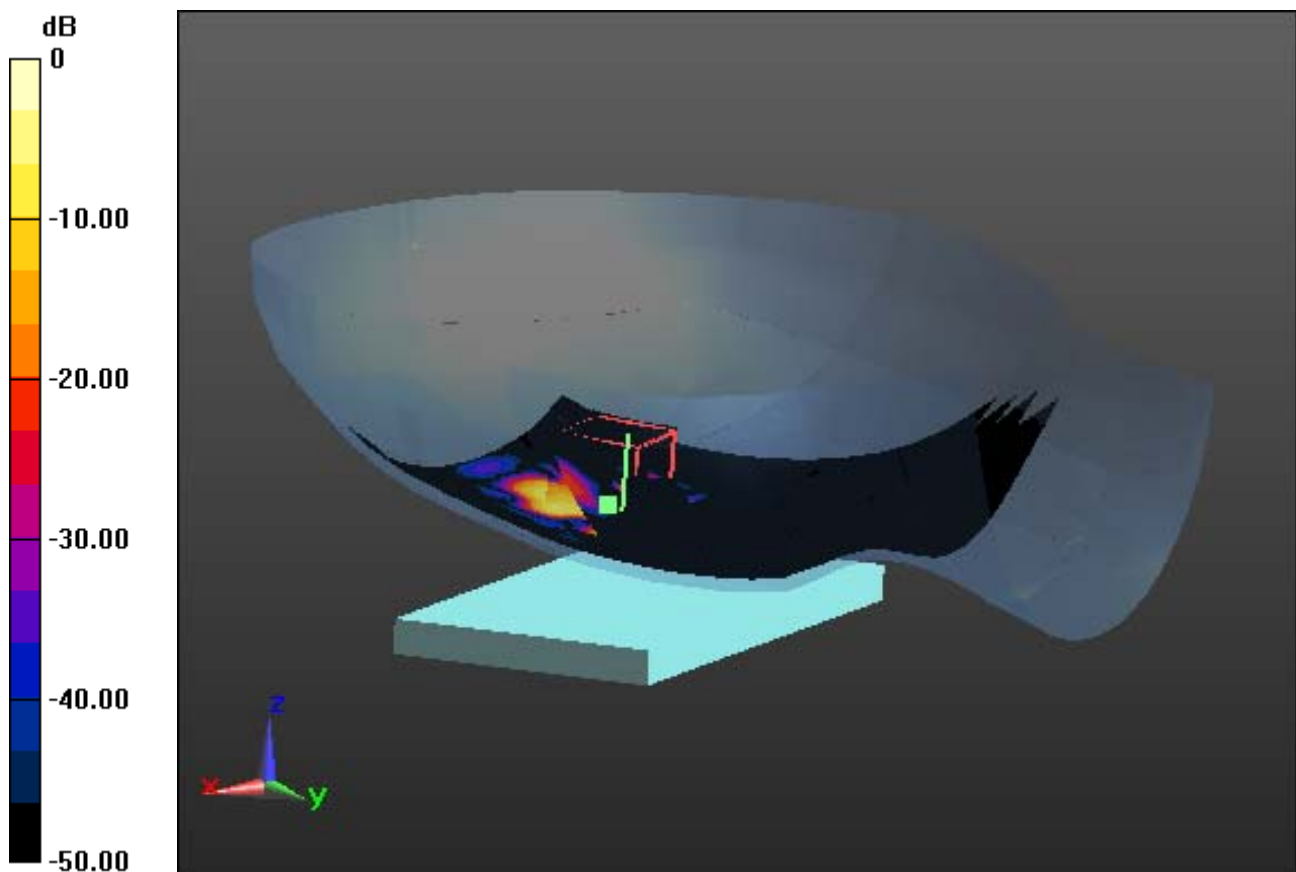
Area Scan (151x201x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.635 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.233$ S/m; $\epsilon_r = 35.444$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

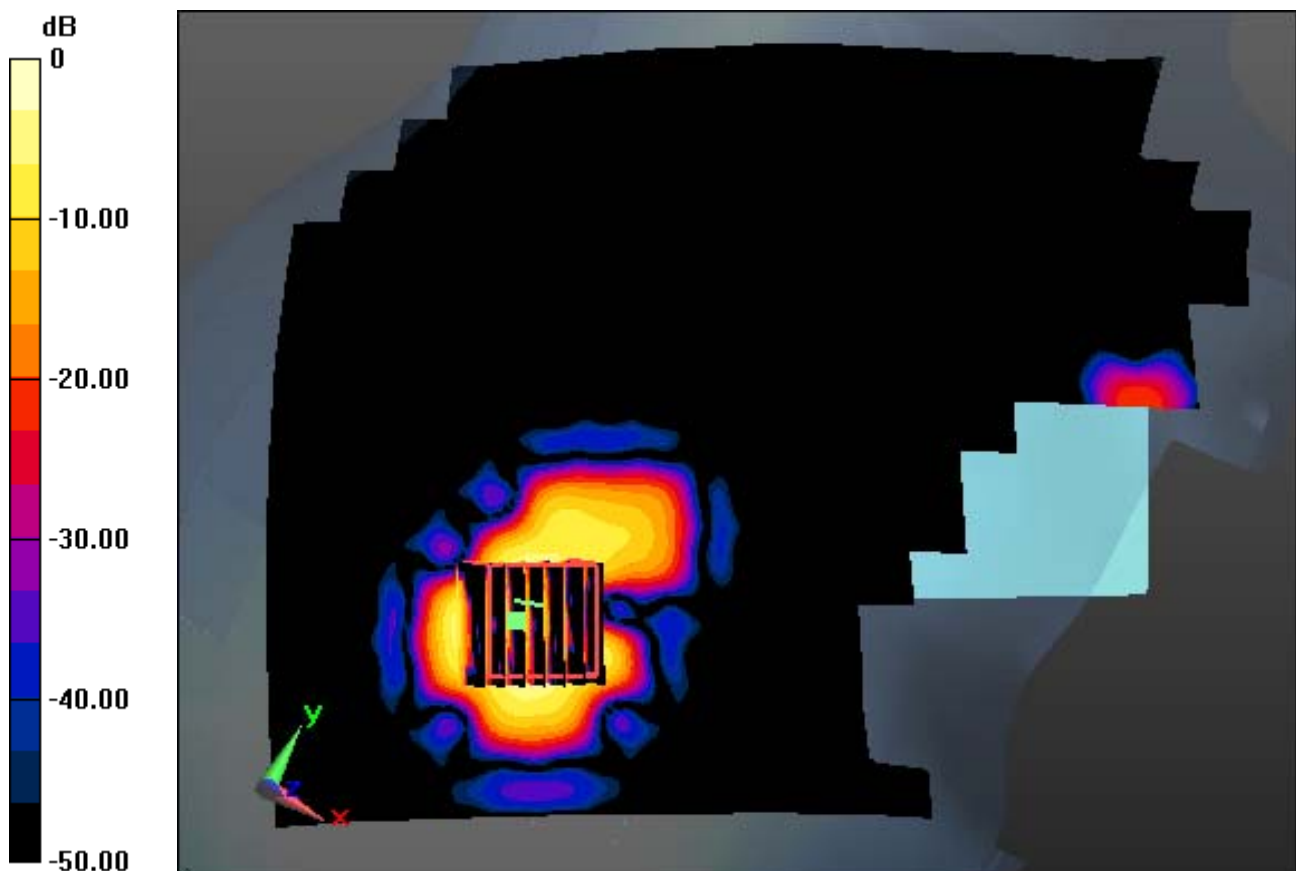
Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (151x201x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.635 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.233$ S/m; $\epsilon_r = 35.444$; $\rho = 1000$ kg/m³
Phantom section: Right Section

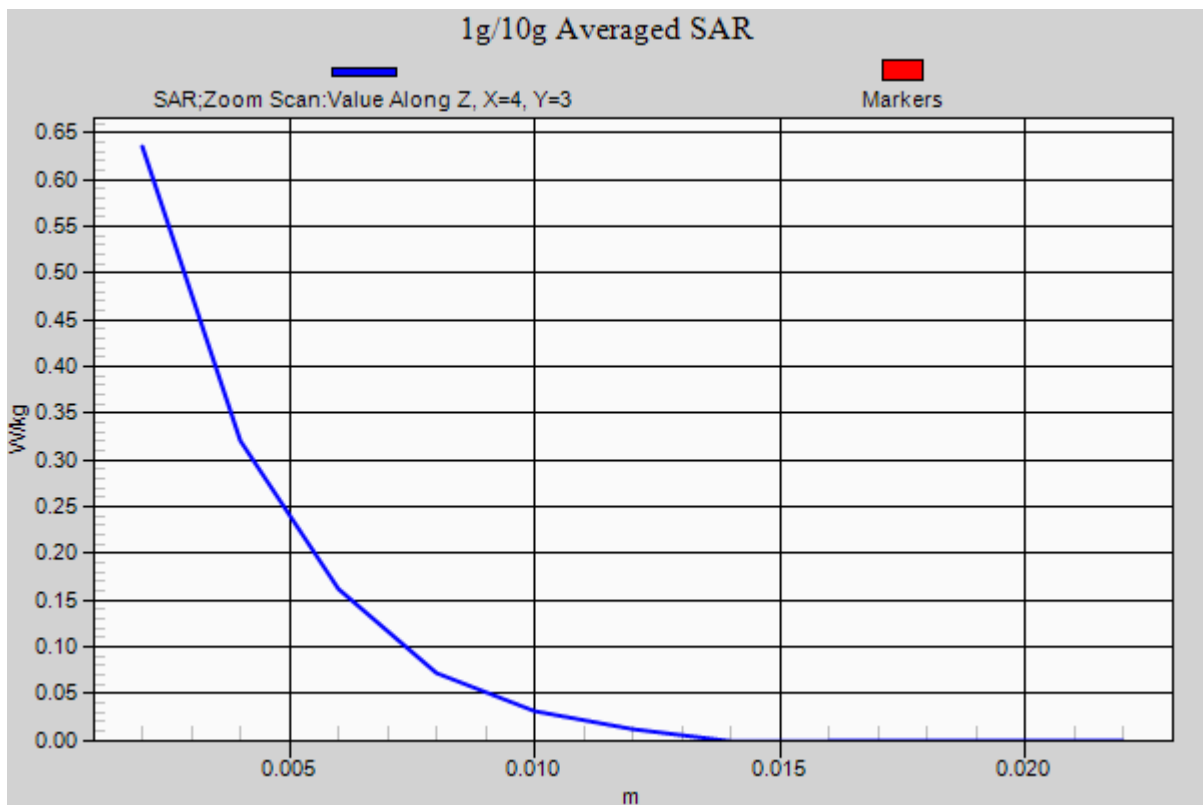
DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal, Standard Battery

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.081 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.988$ S/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

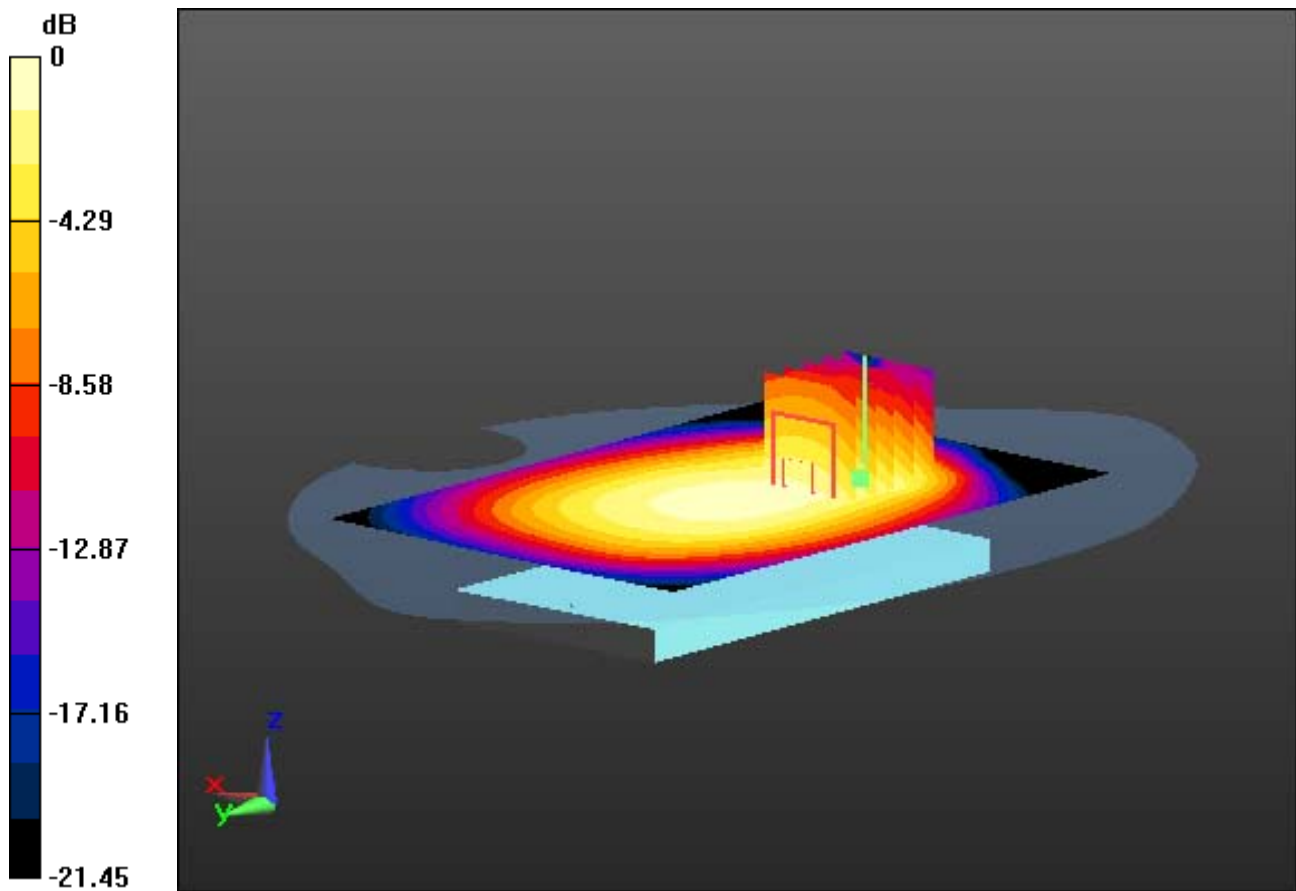
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.278 W/kg



0 dB = 0.613 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.988 \text{ S/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

With Enlarge plot image

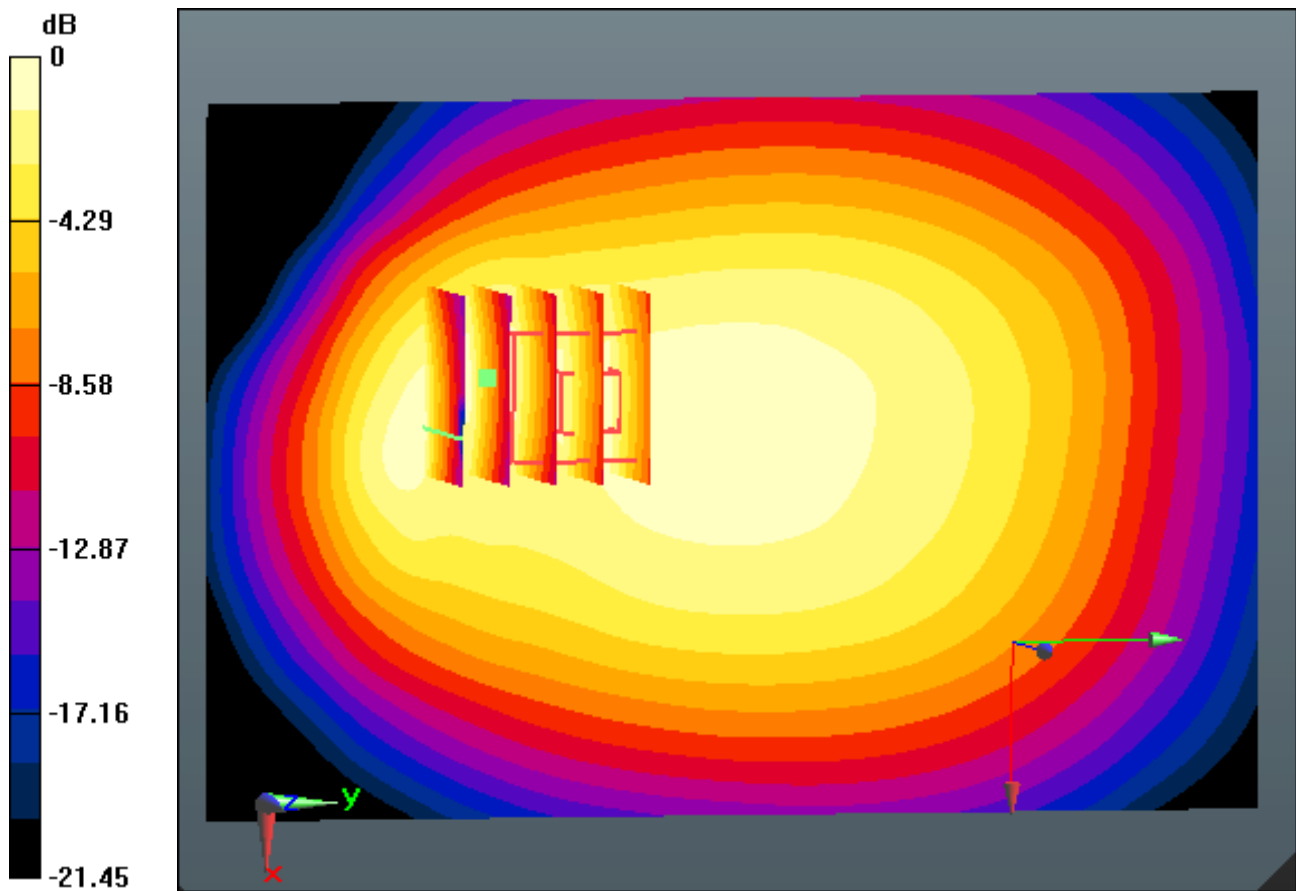
Area Scan (81x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.278 W/kg



0 dB = 0.613 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.988$ S/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

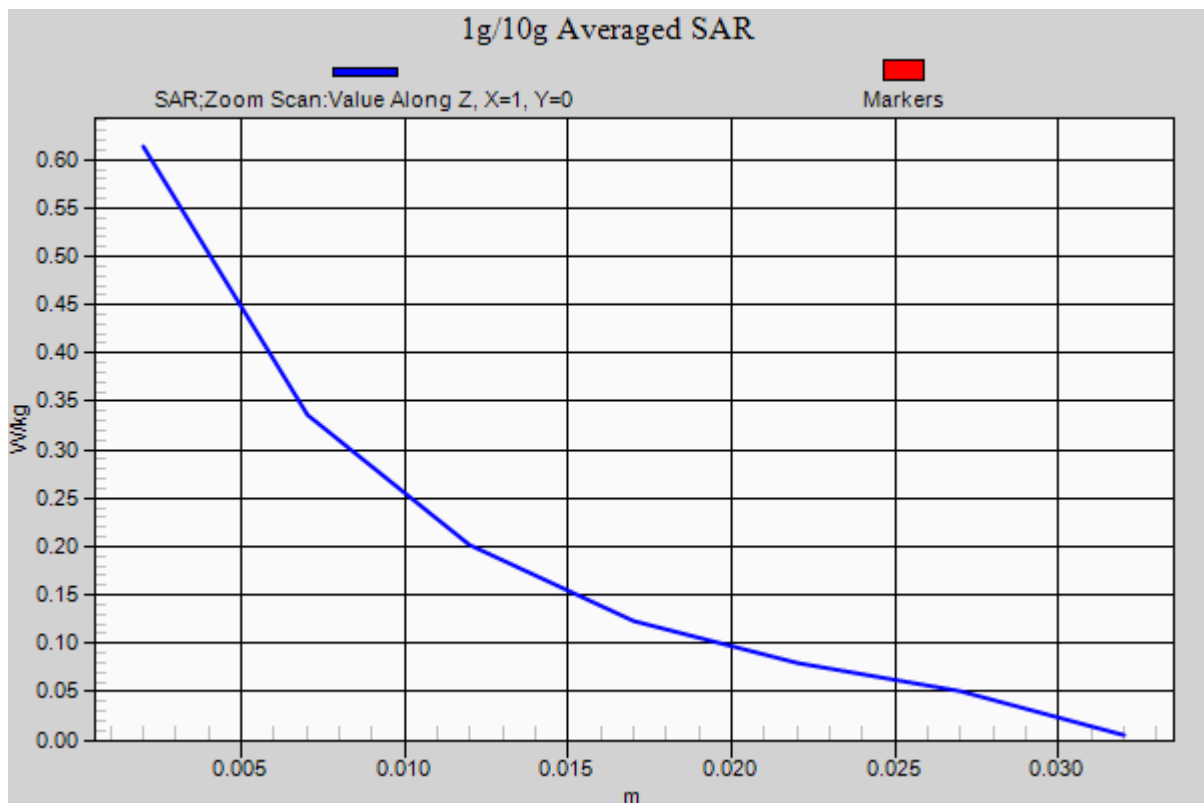
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.278 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.988$ S/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

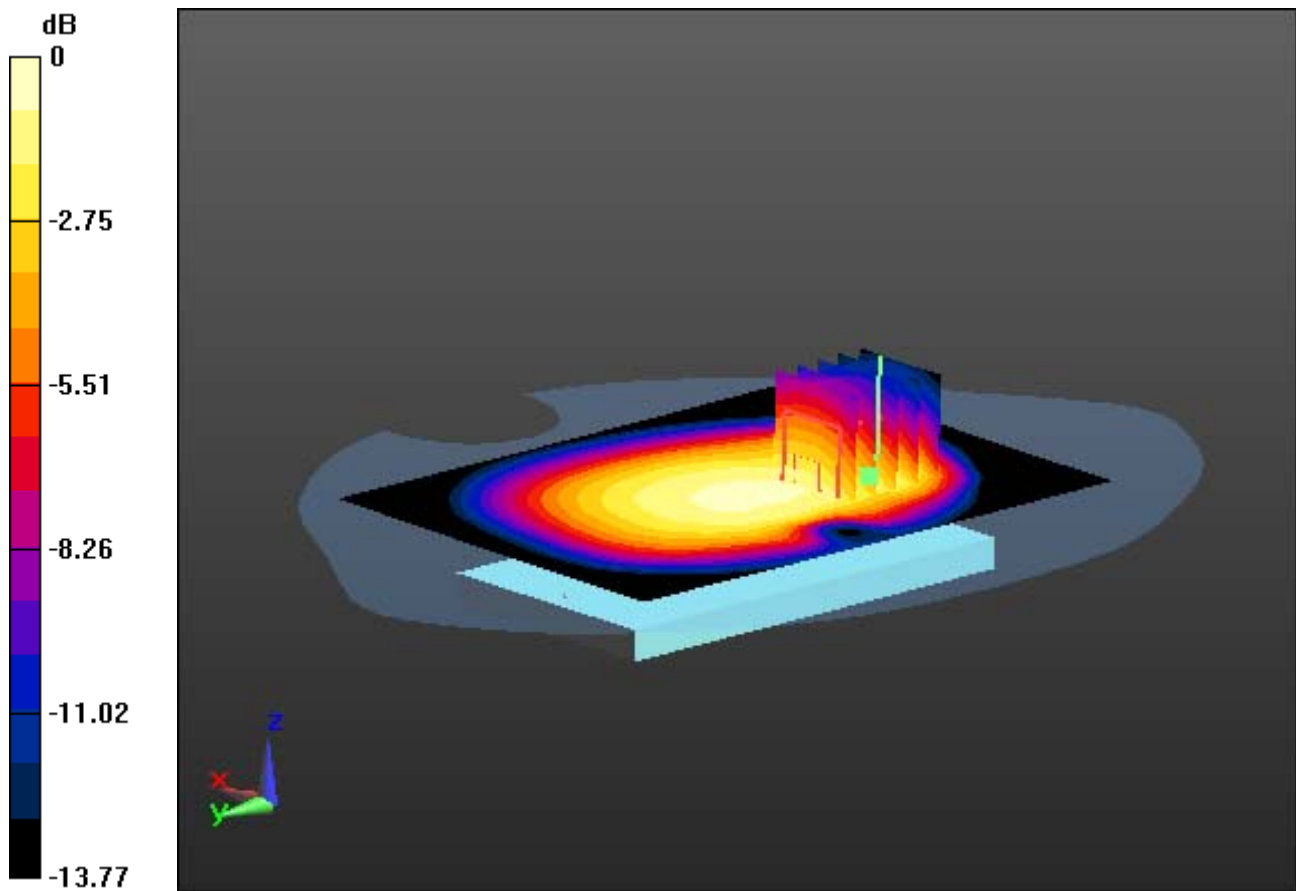
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.838 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.294 W/kg



0 dB = 0.643 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.988$ S/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

With Enlarge plot image

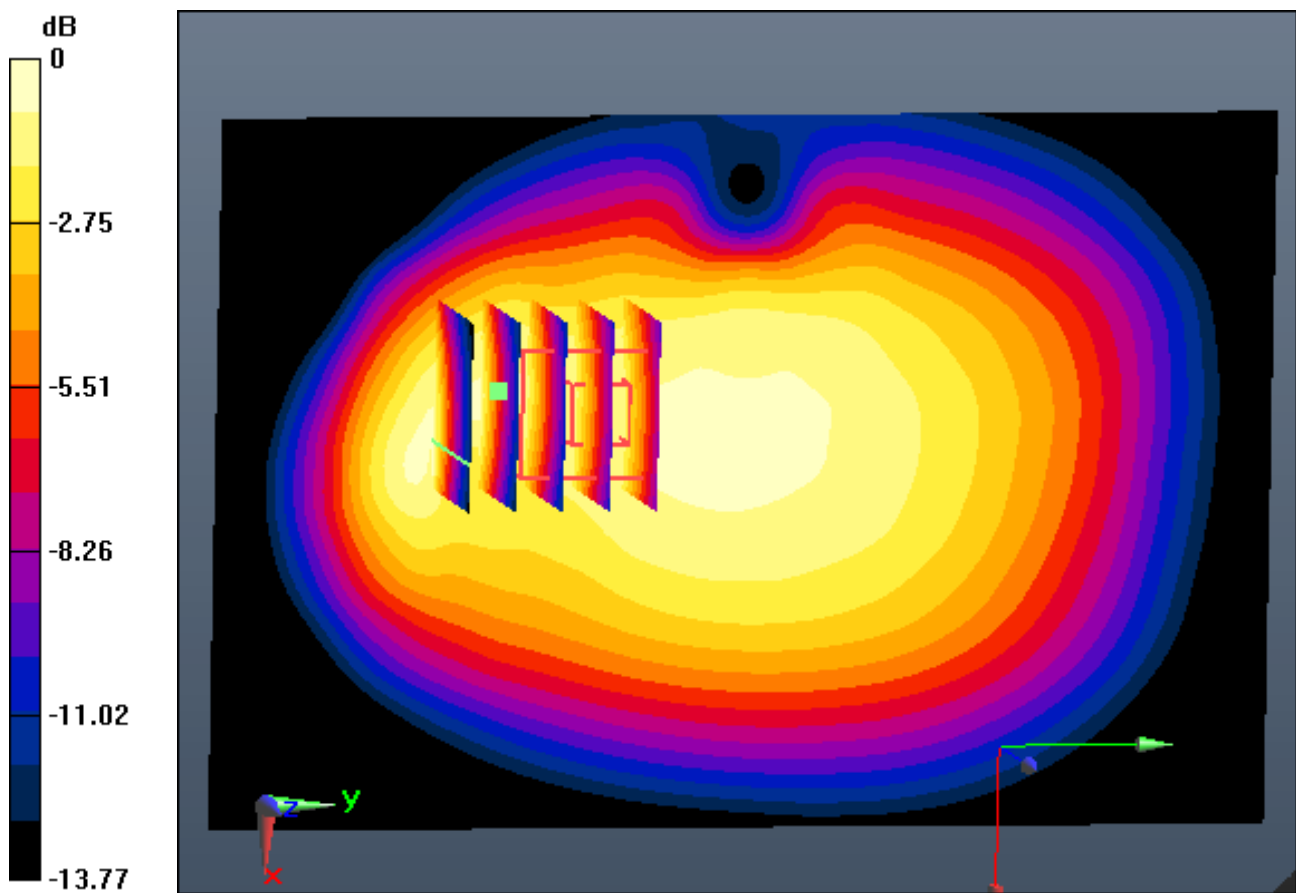
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.838 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.294 W/kg



0 dB = 0.643 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.988$ S/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

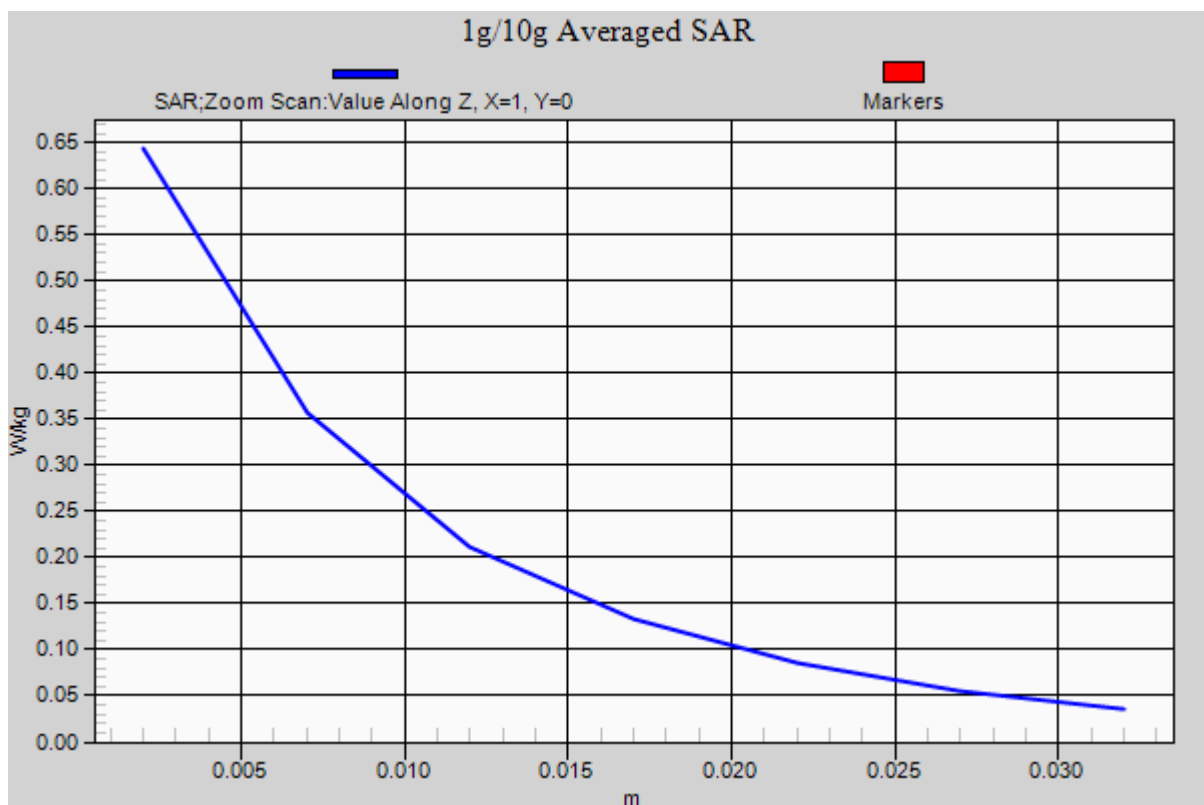
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.838 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.294 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

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

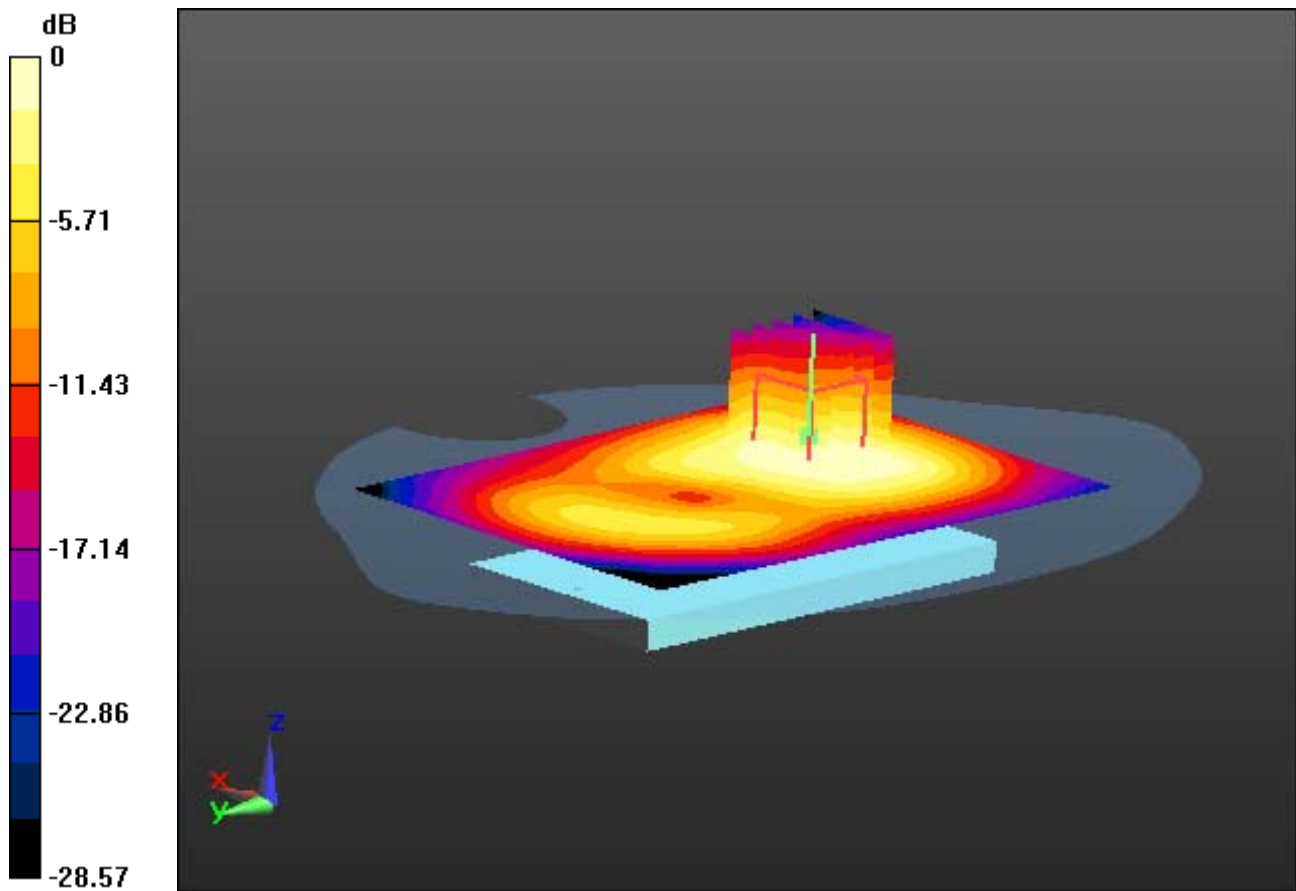
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.197 W/kg



0 dB = 0.503 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

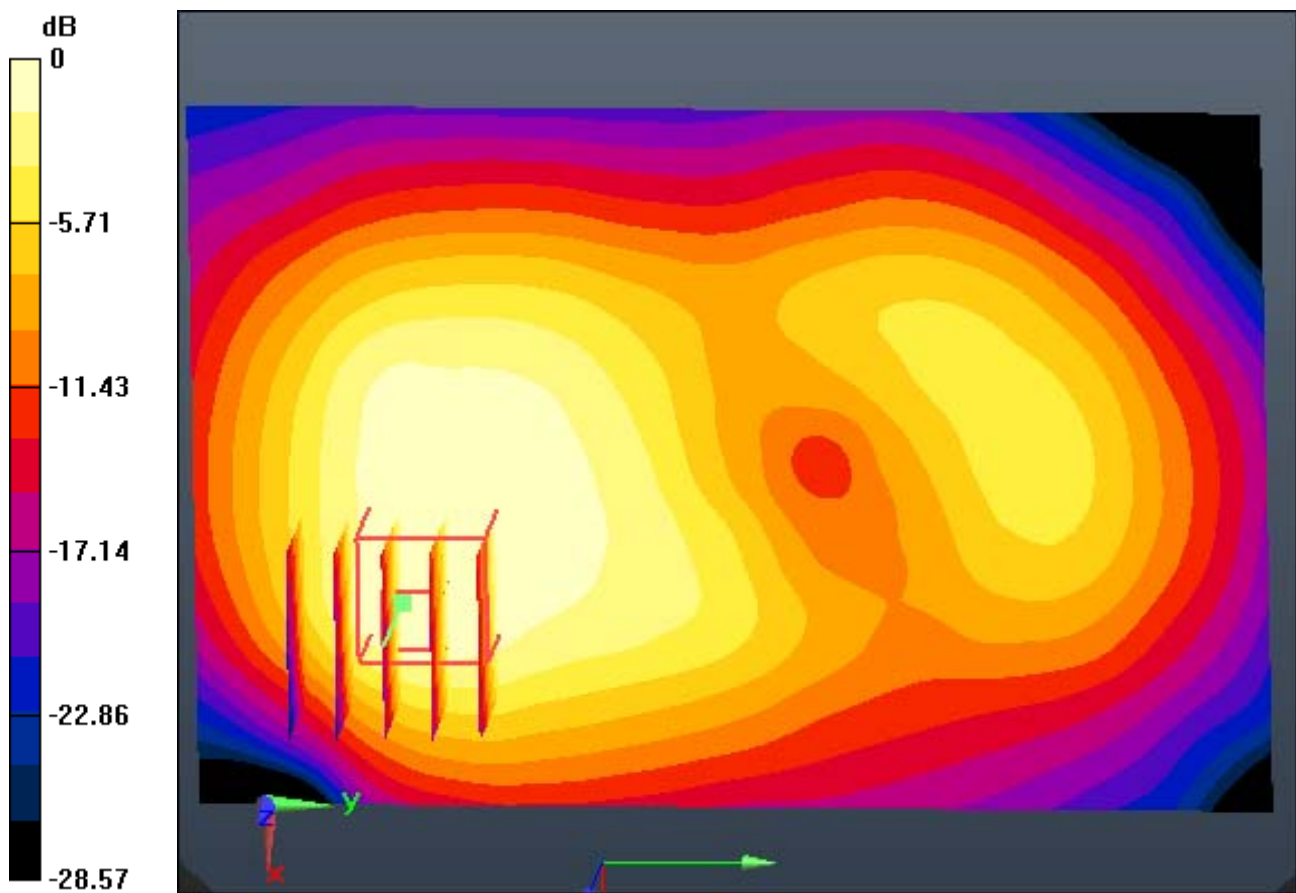
Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

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

With Enlarge plot image

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.197 W/kg



0 dB = 0.503 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

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

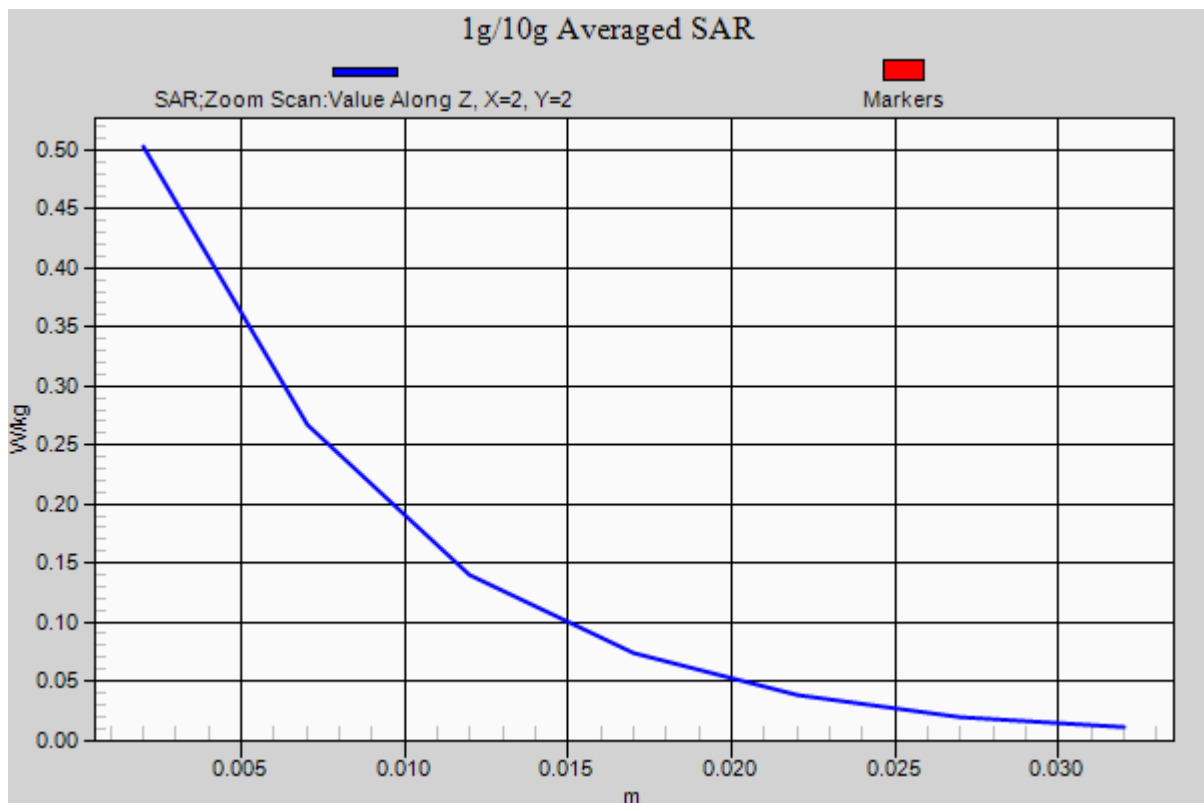
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.197 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

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

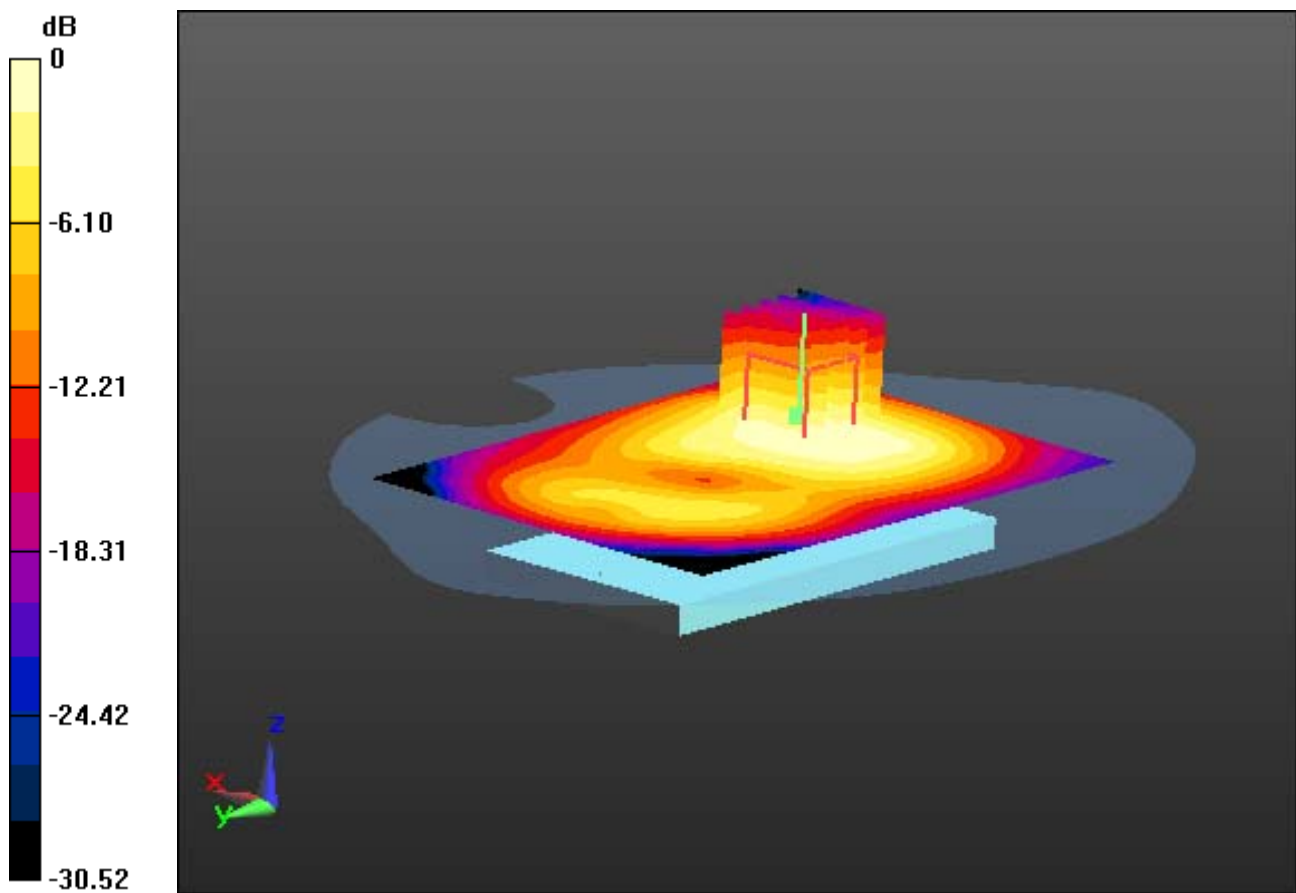
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.221 W/kg



0 dB = 0.574 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

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

With Enlarge plot image

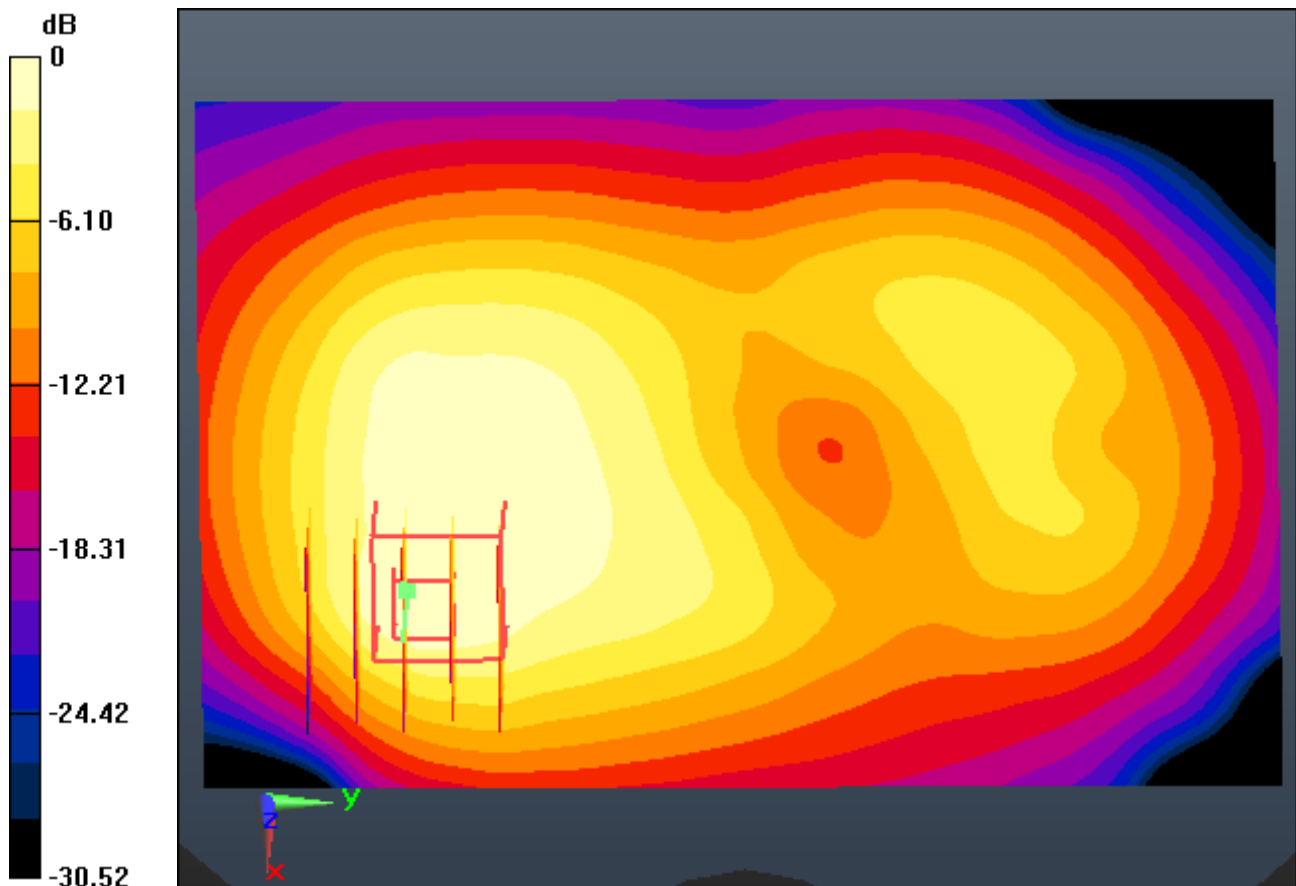
Area Scan (81x121x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.221 W/kg



0 dB = 0.574 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679

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

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

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

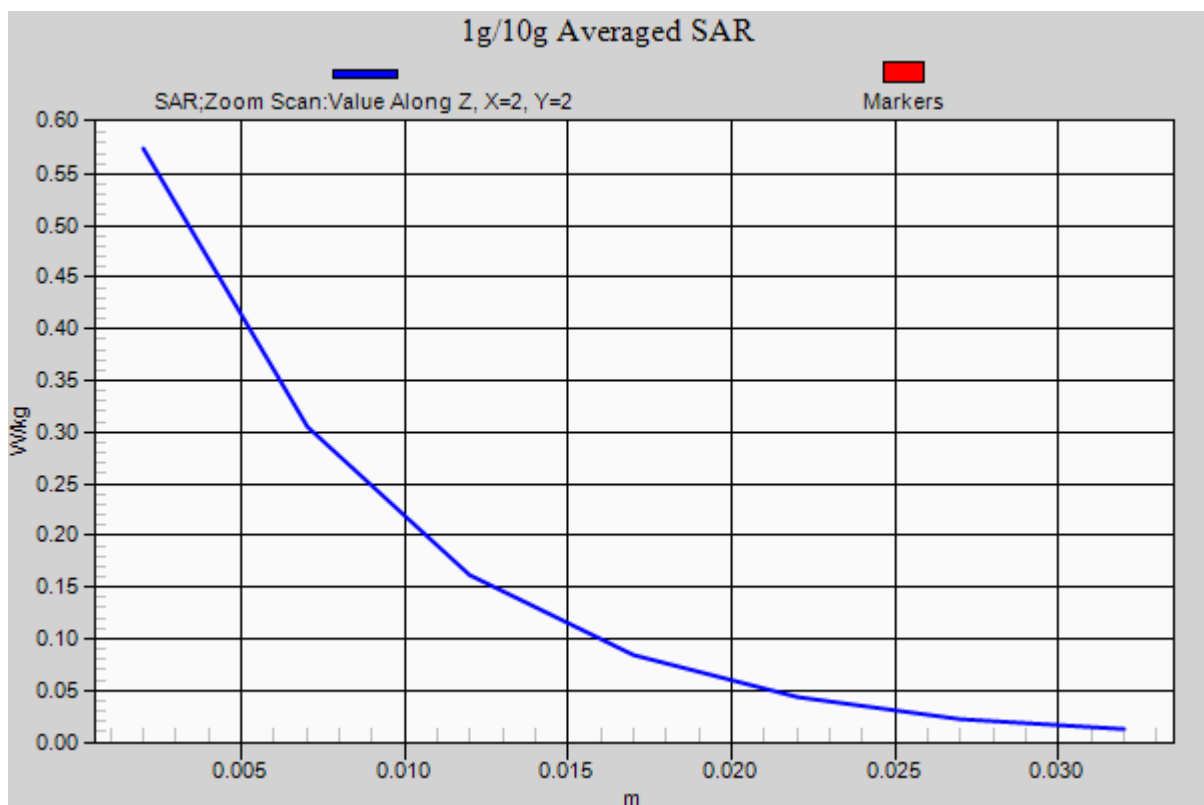
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.221 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ S/m}$; $\epsilon_r = 54.825$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

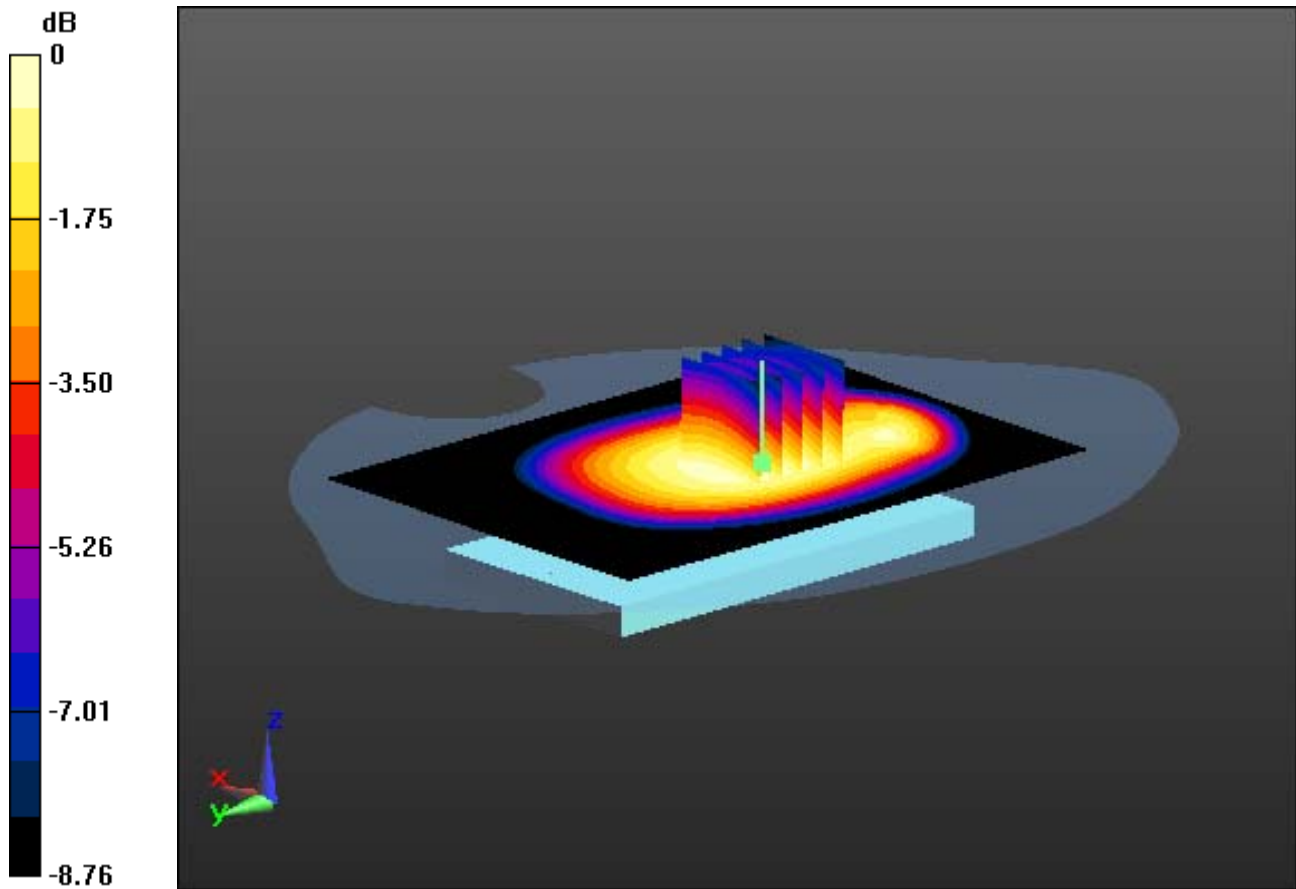
1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

Area Scan (81x121x1): Interpolated 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 = -0.03 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.446 W/kg



0 dB = 0.678 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.989$ S/m; $\epsilon_r = 54.825$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

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

With Enlarge plot image

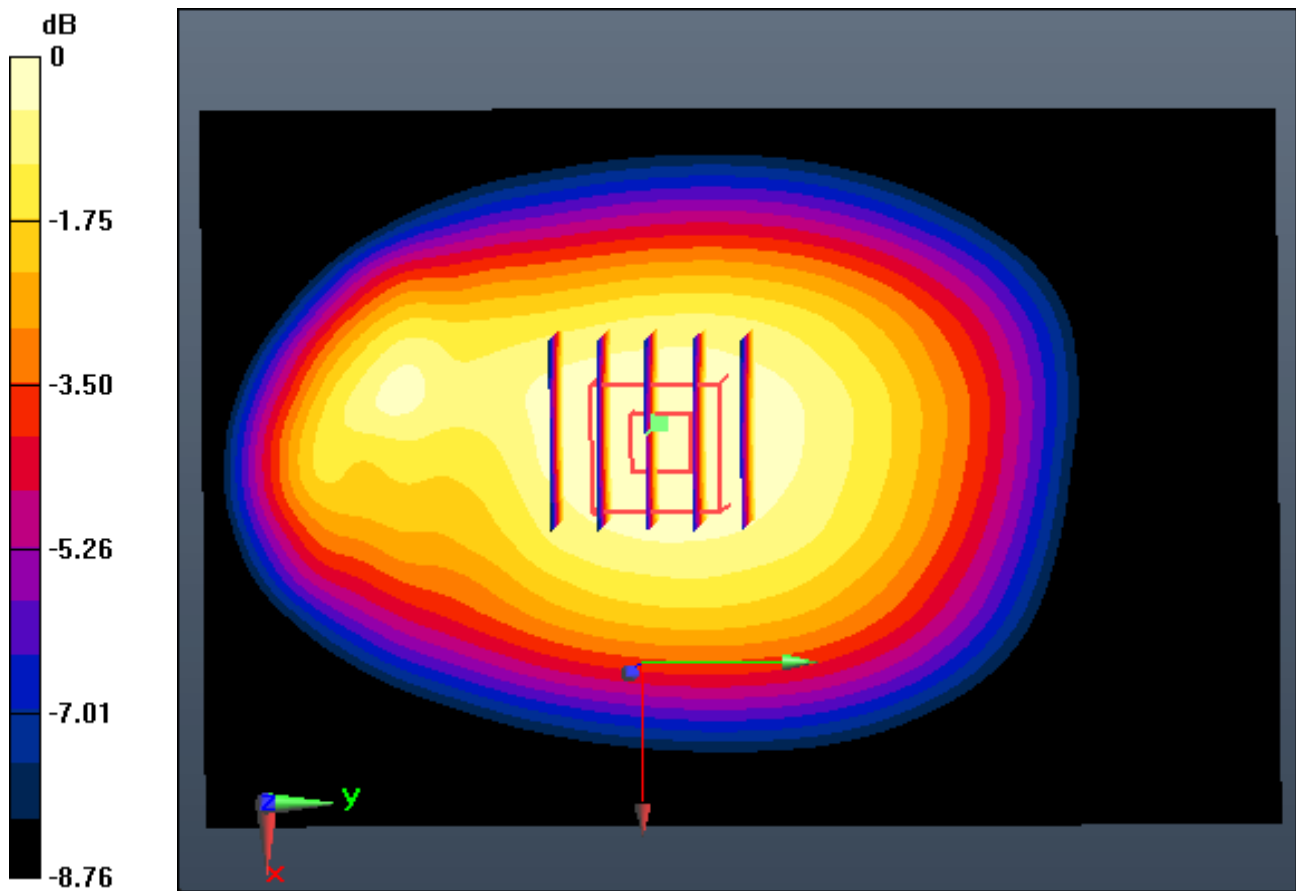
Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.446 W/kg



0 dB = 0.678 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.989 \text{ S/m}$; $\epsilon_r = 54.825$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

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

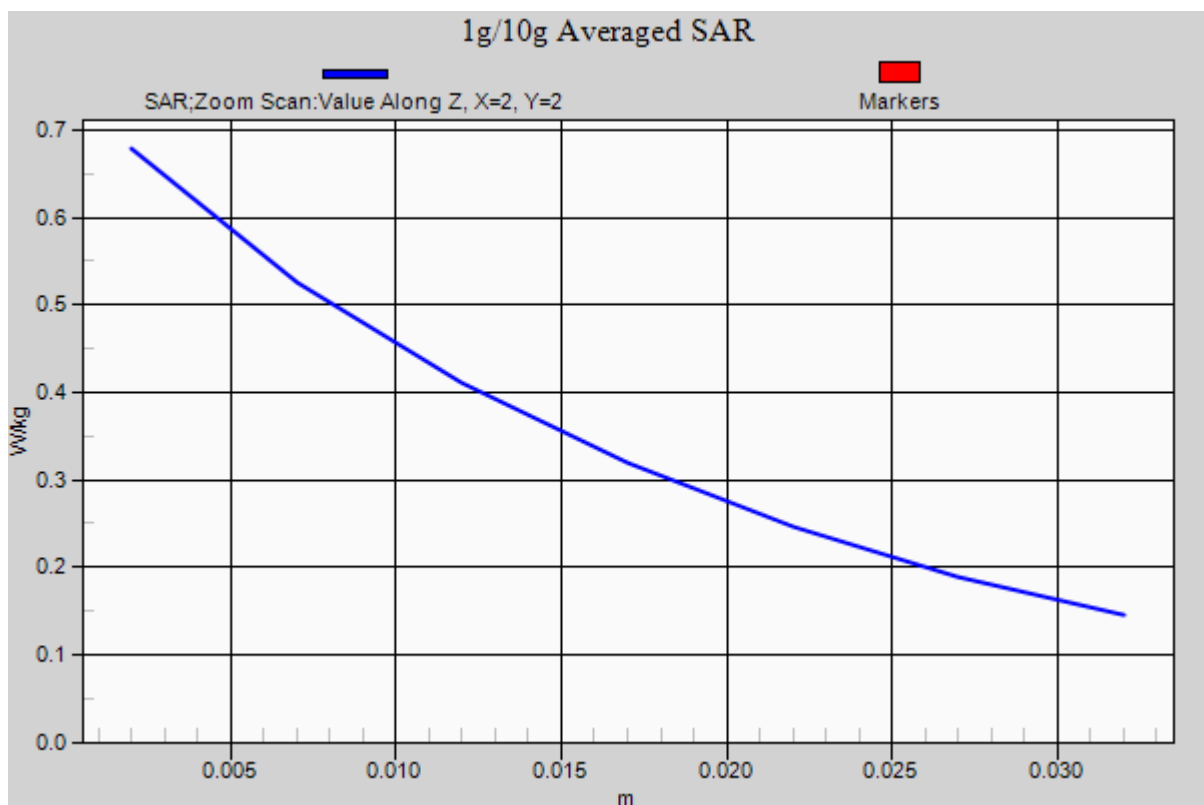
Area Scan (81x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.446 W/kg



DT&C CO., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2.022 \text{ S/m}$; $\epsilon_r = 52.397$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

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

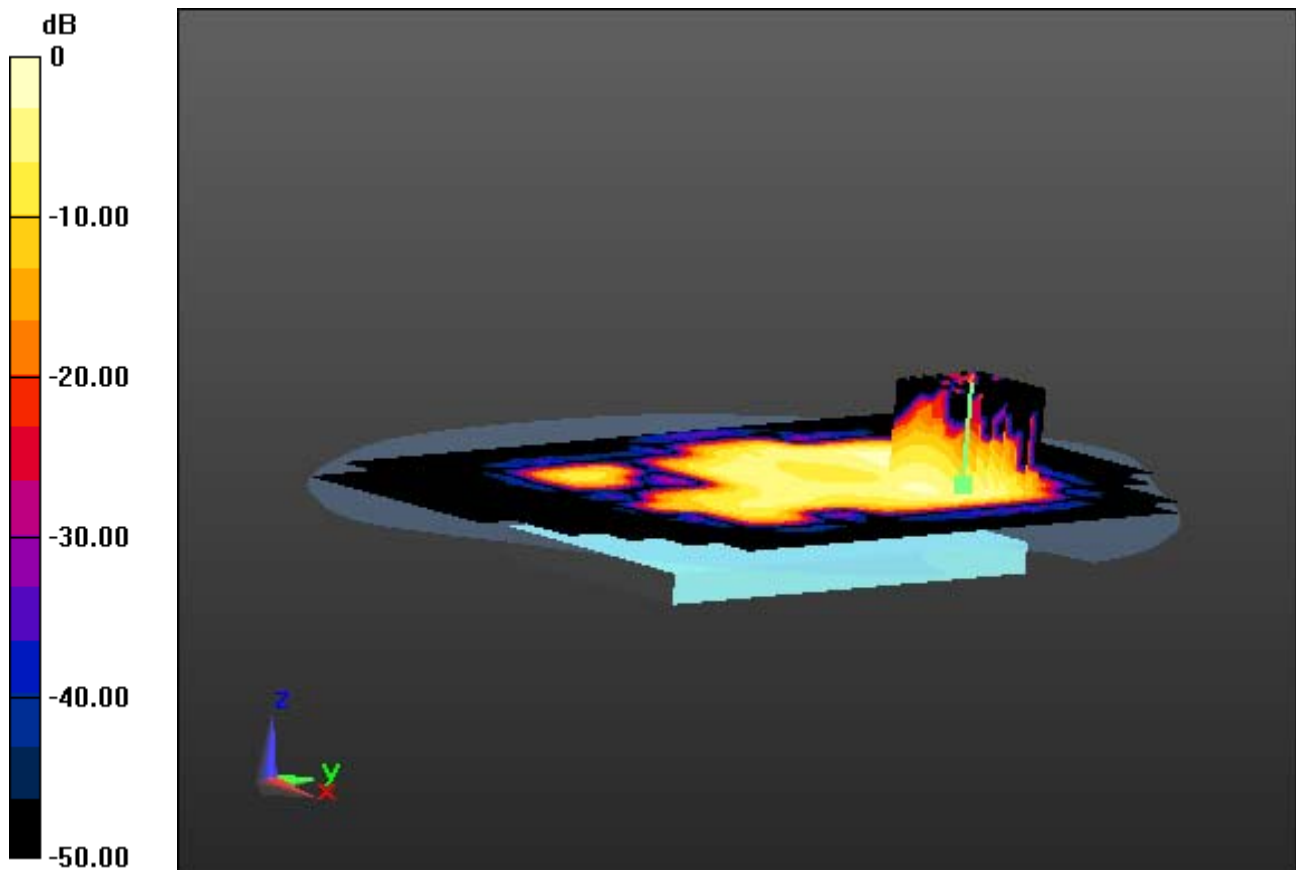
Area Scan (121x211x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.0606 W/kg

DT&C CO., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 2.022$ S/m; $\epsilon_r = 52.397$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

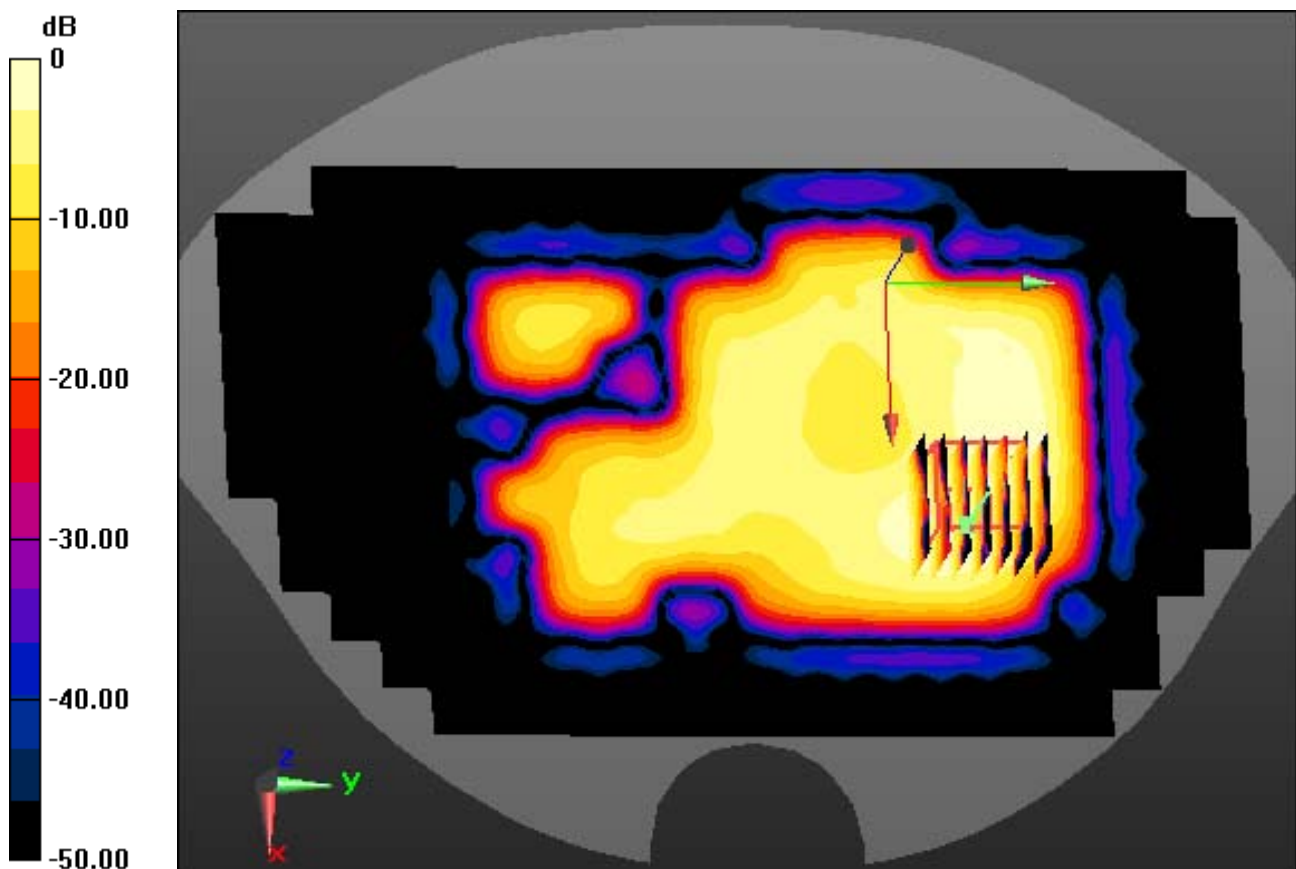
Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

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

With Enlarge plot image

Area Scan (121x211x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.0606 W/kg

DT&C CO., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 2.022$ S/m; $\epsilon_r = 52.397$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

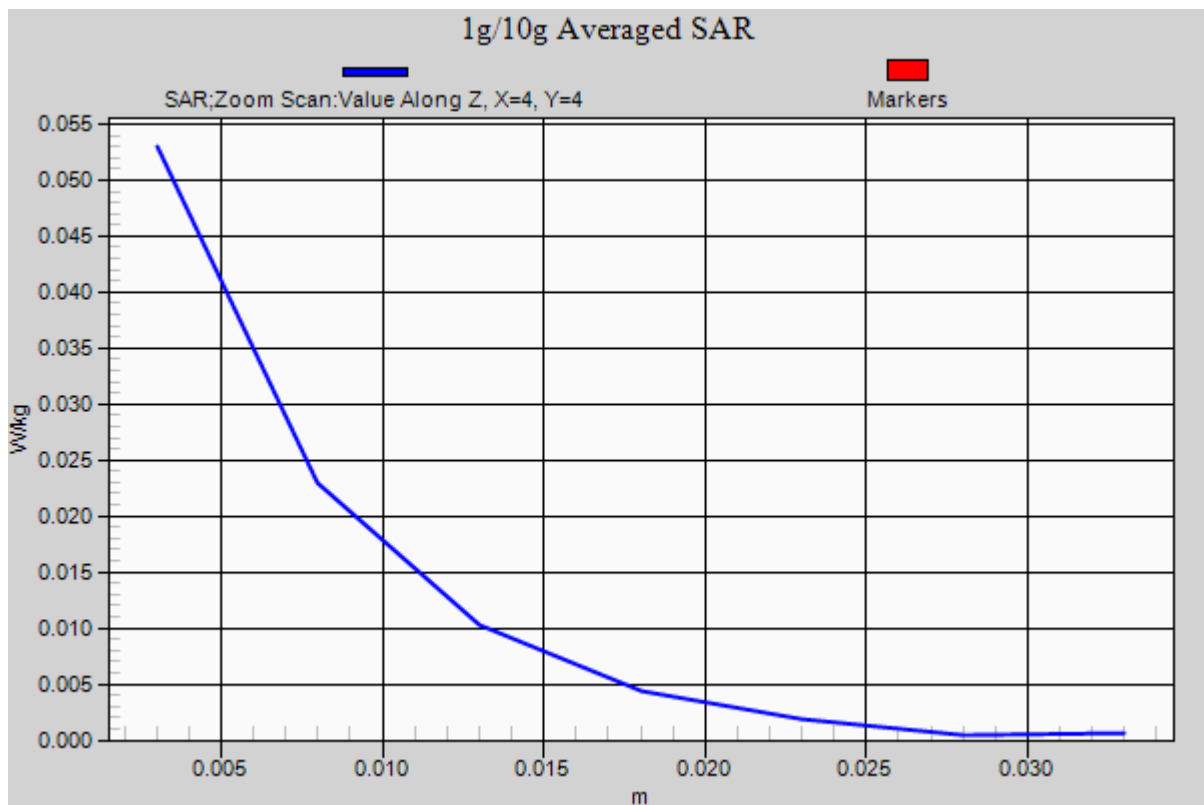
DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

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

Area Scan (121x211x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.817$ S/m; $\epsilon_r = 47.979$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal

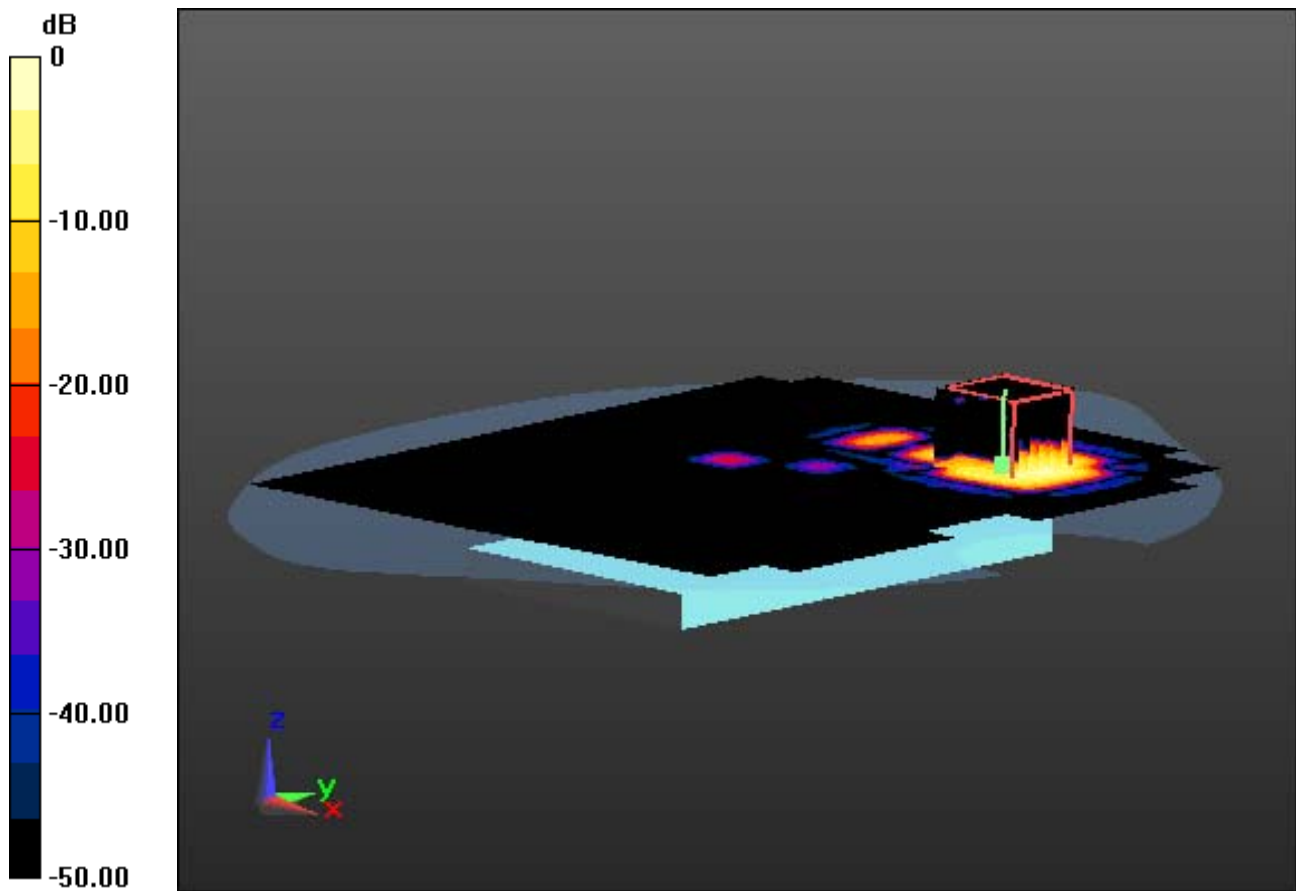
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.044 W/kg



0 dB = 0.316 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.817$ S/m; $\epsilon_r = 47.979$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal

With Enlarge plot image

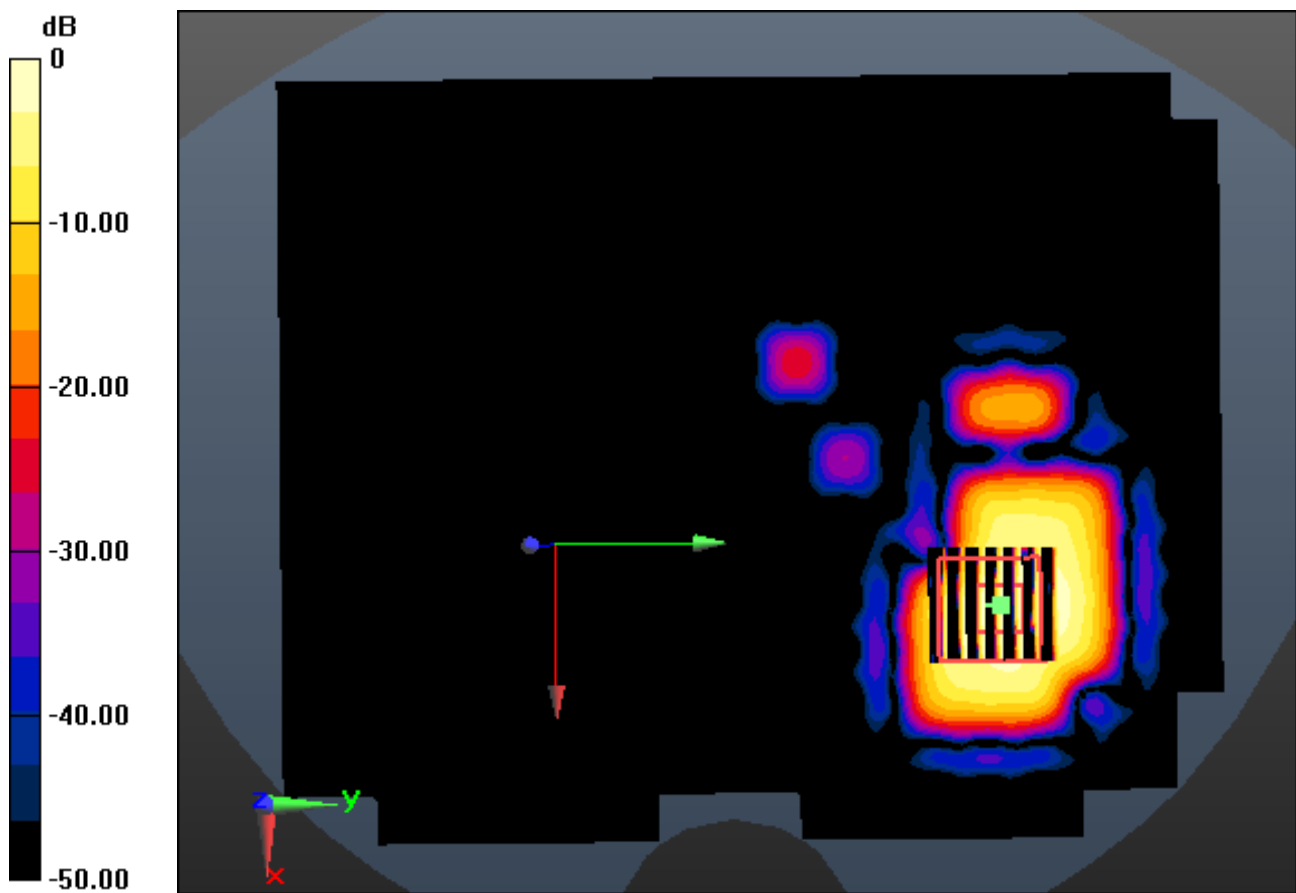
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.044 W/kg



0 dB = 0.316 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.817$ S/m; $\epsilon_r = 47.979$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal

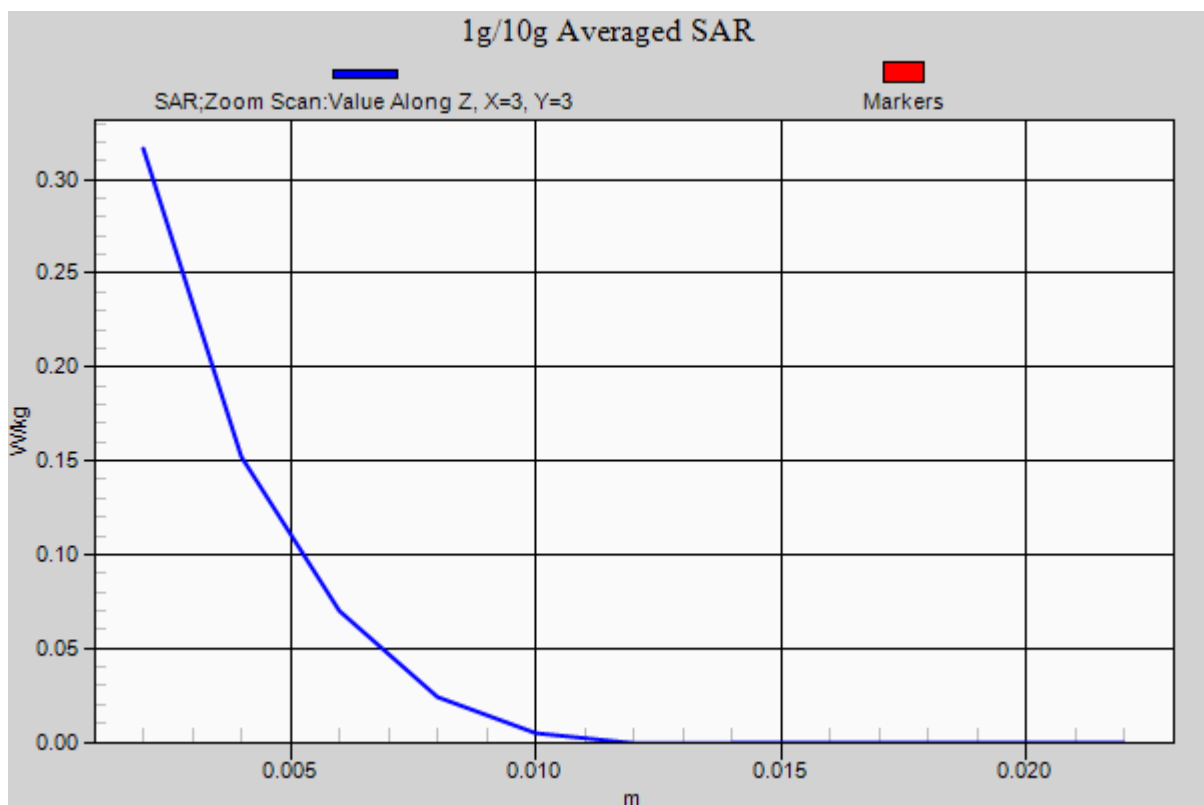
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.044 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.076$ S/m; $\epsilon_r = 48.856$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

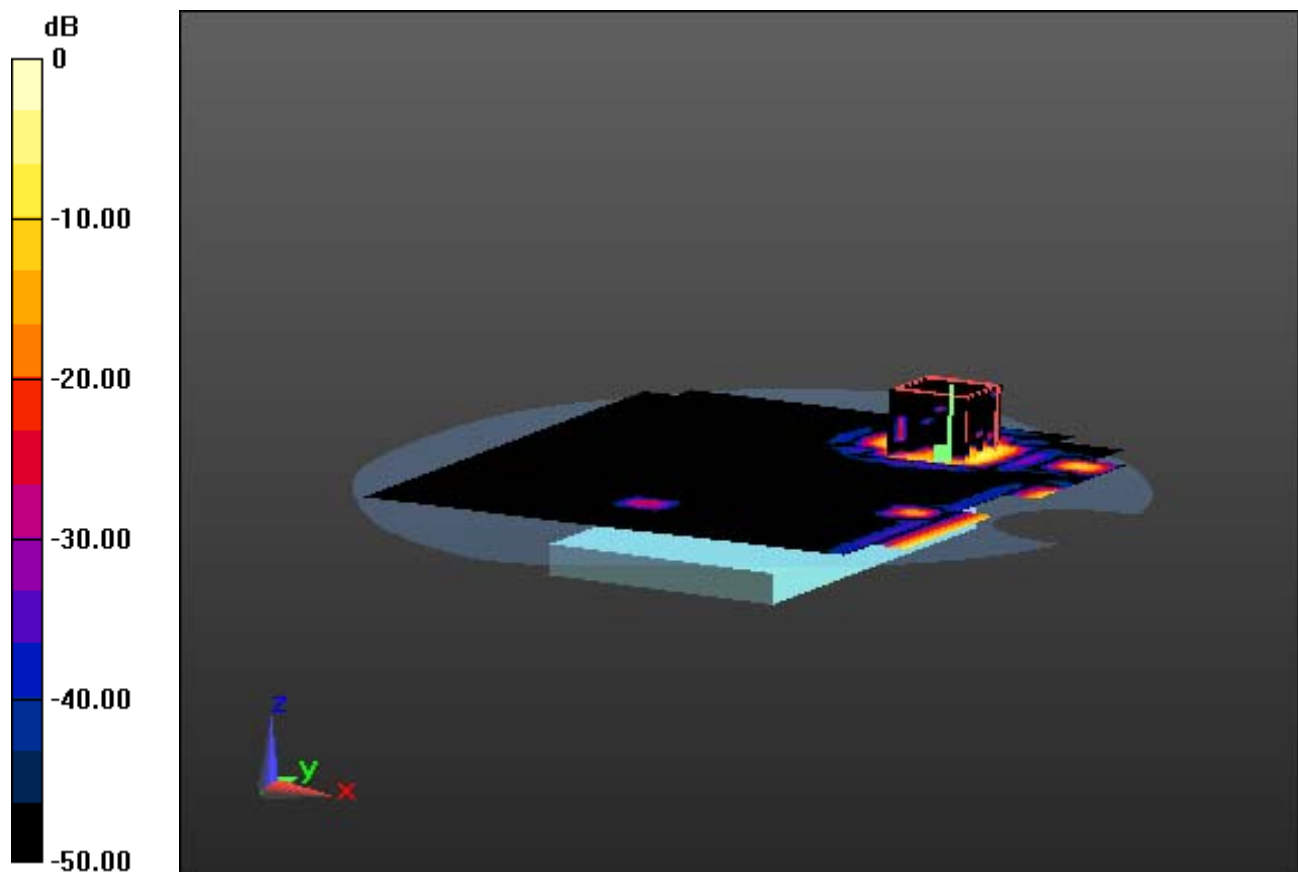
DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

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

Rear/Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.018 W/kg



0 dB = 0.142 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.076$ S/m; $\epsilon_r = 48.856$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

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

With Enlarge plot image

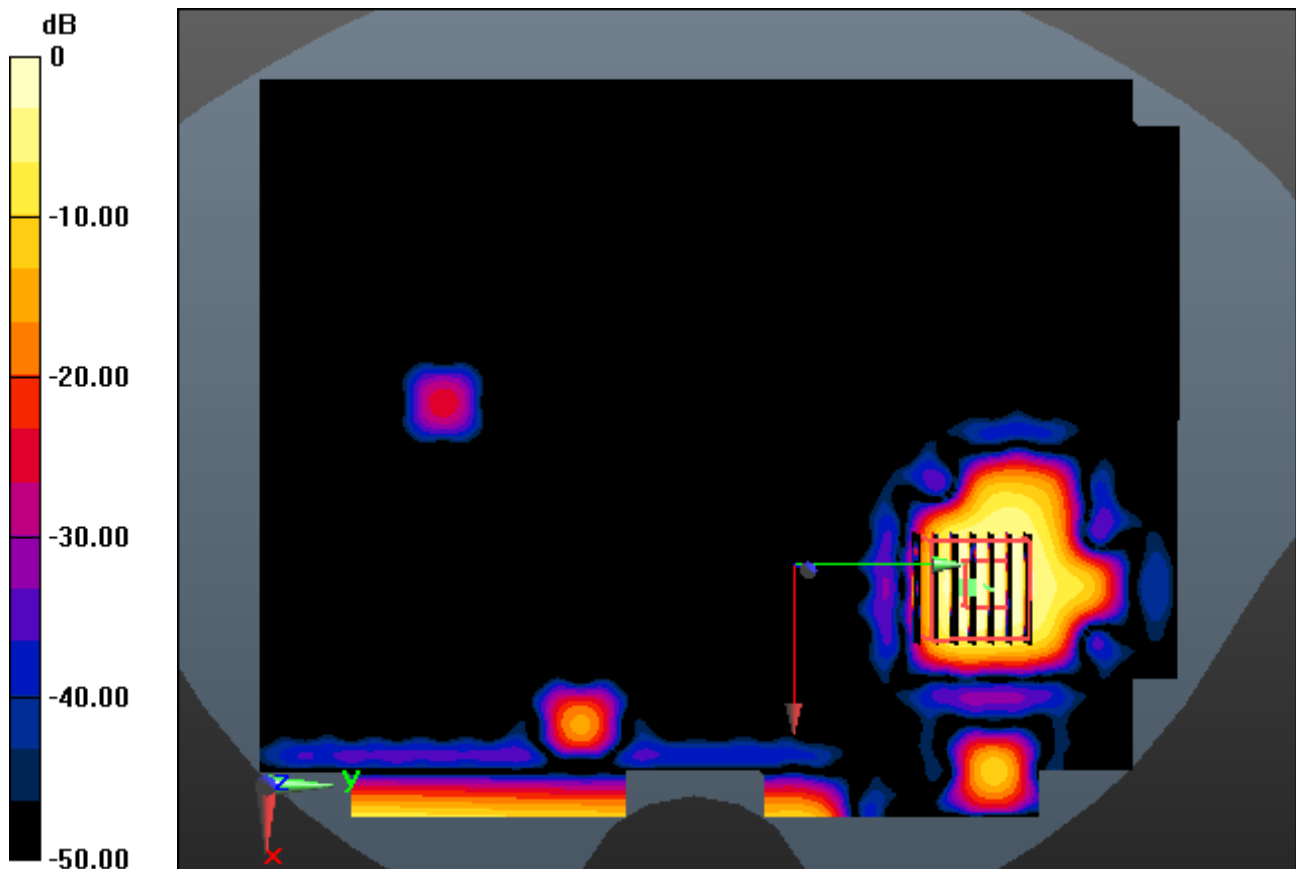
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.018 W/kg



0 dB = 0.142 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.076$ S/m; $\epsilon_r = 48.856$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

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

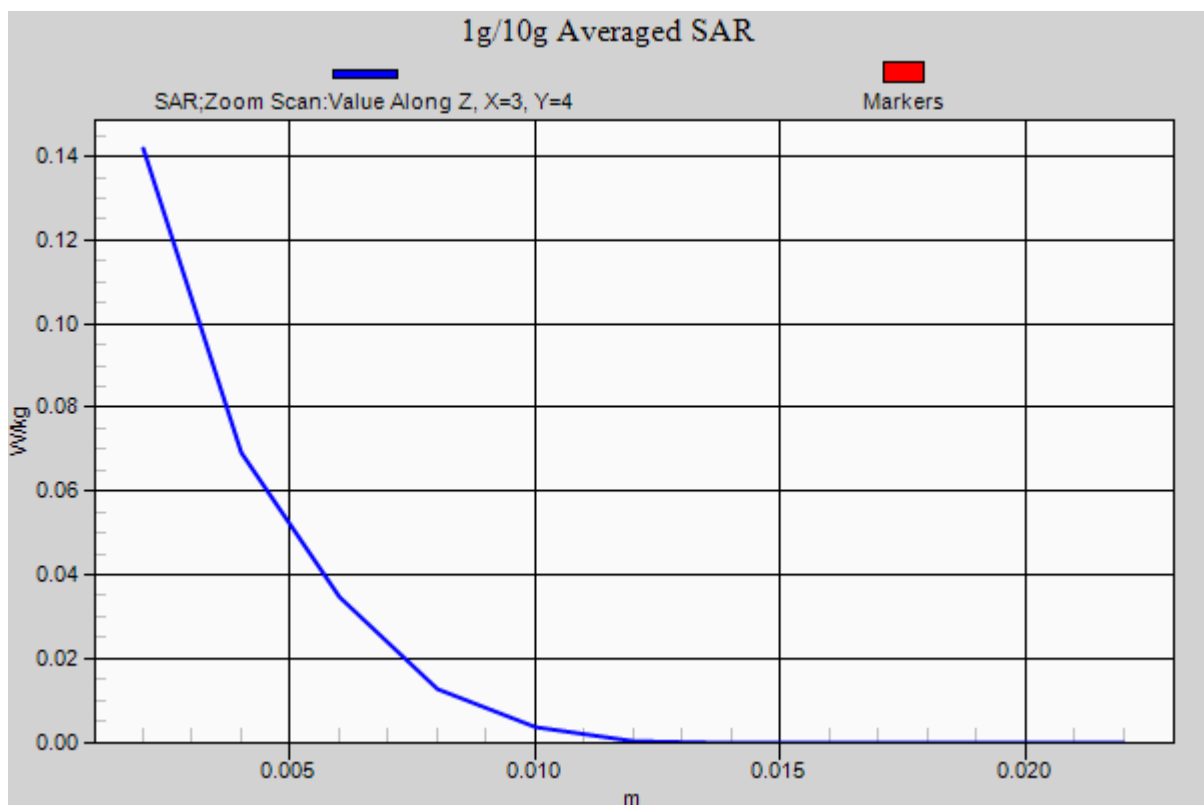
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.018 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.188$ S/m; $\epsilon_r = 48.748$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal

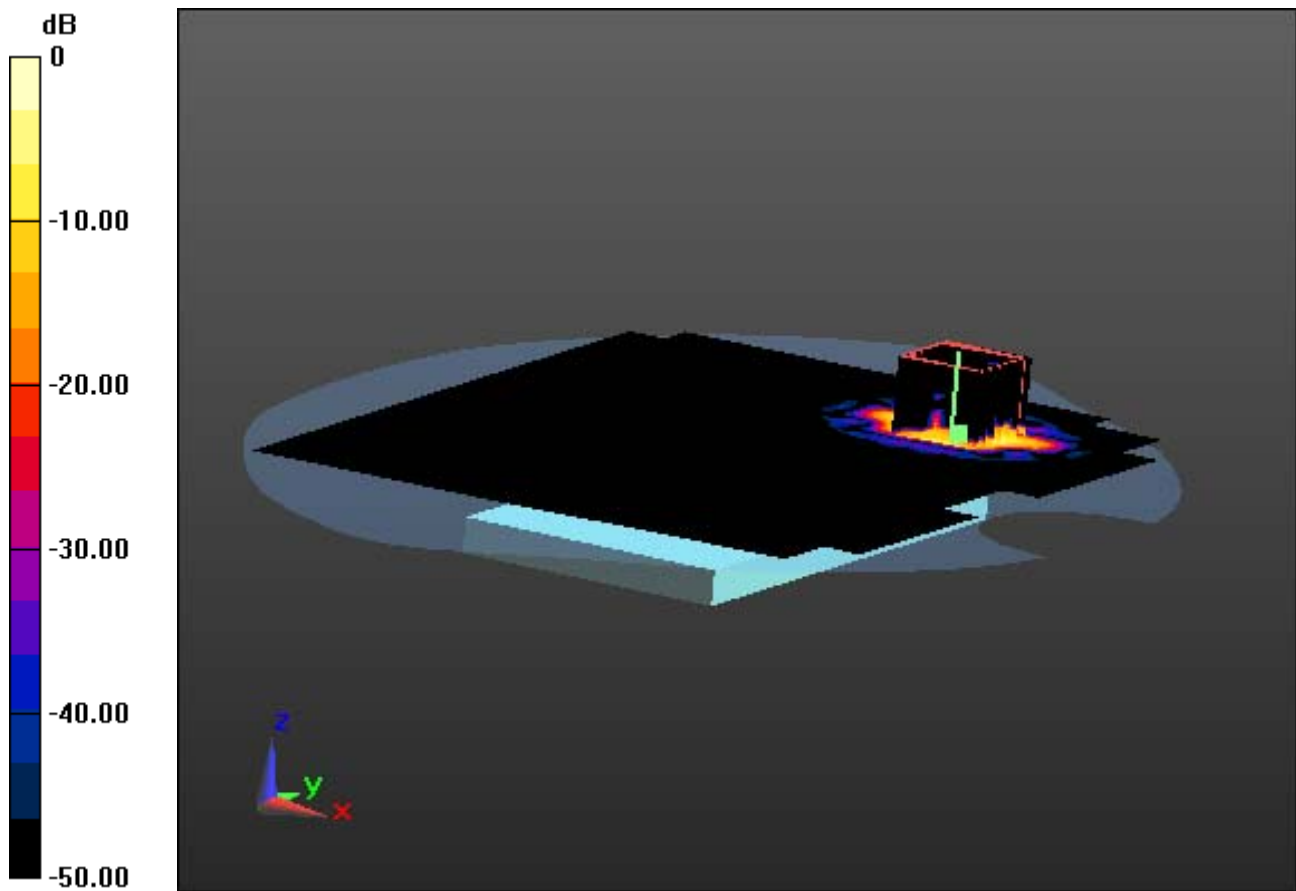
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.180 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.188$ S/m; $\epsilon_r = 48.748$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal

With Enlarge plot image

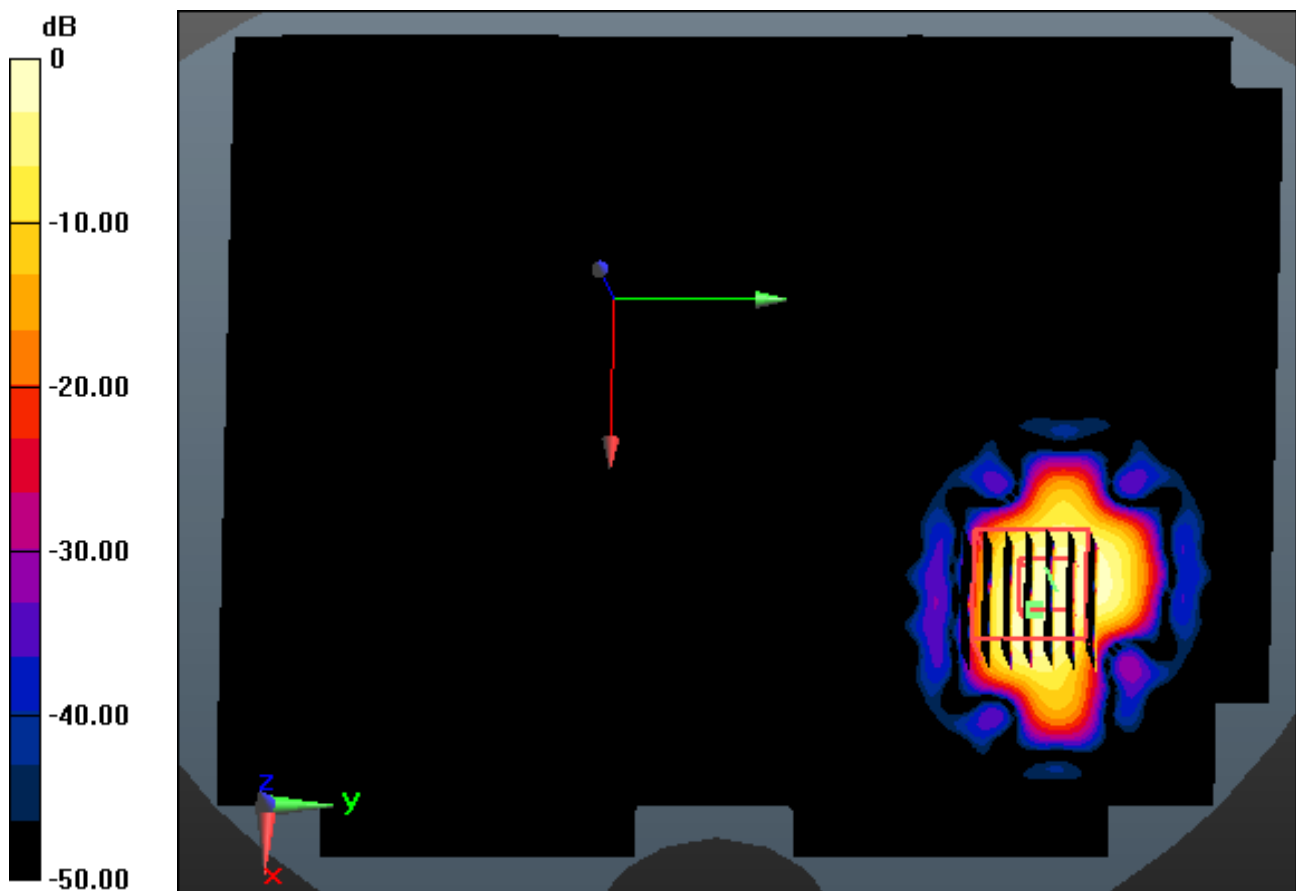
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.180 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.188$ S/m; $\epsilon_r = 48.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal

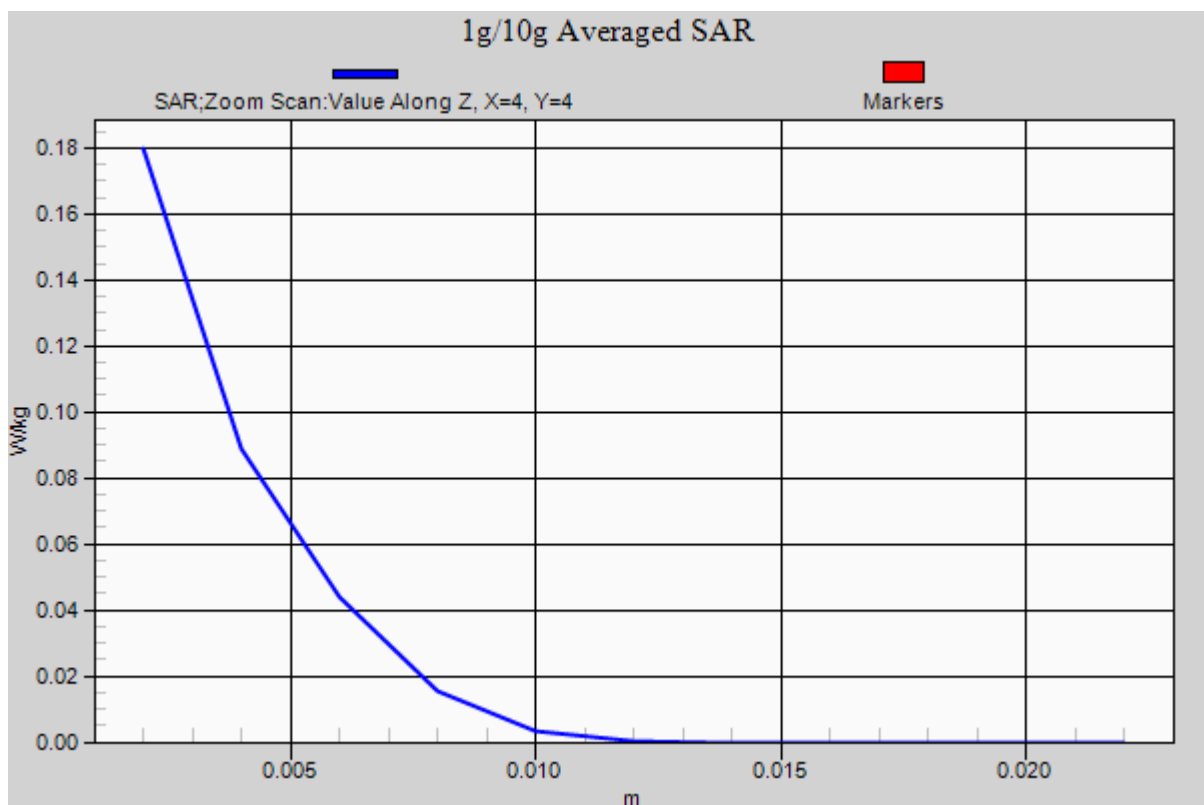
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.022 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.616$ S/m; $\epsilon_r = 48.192$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal

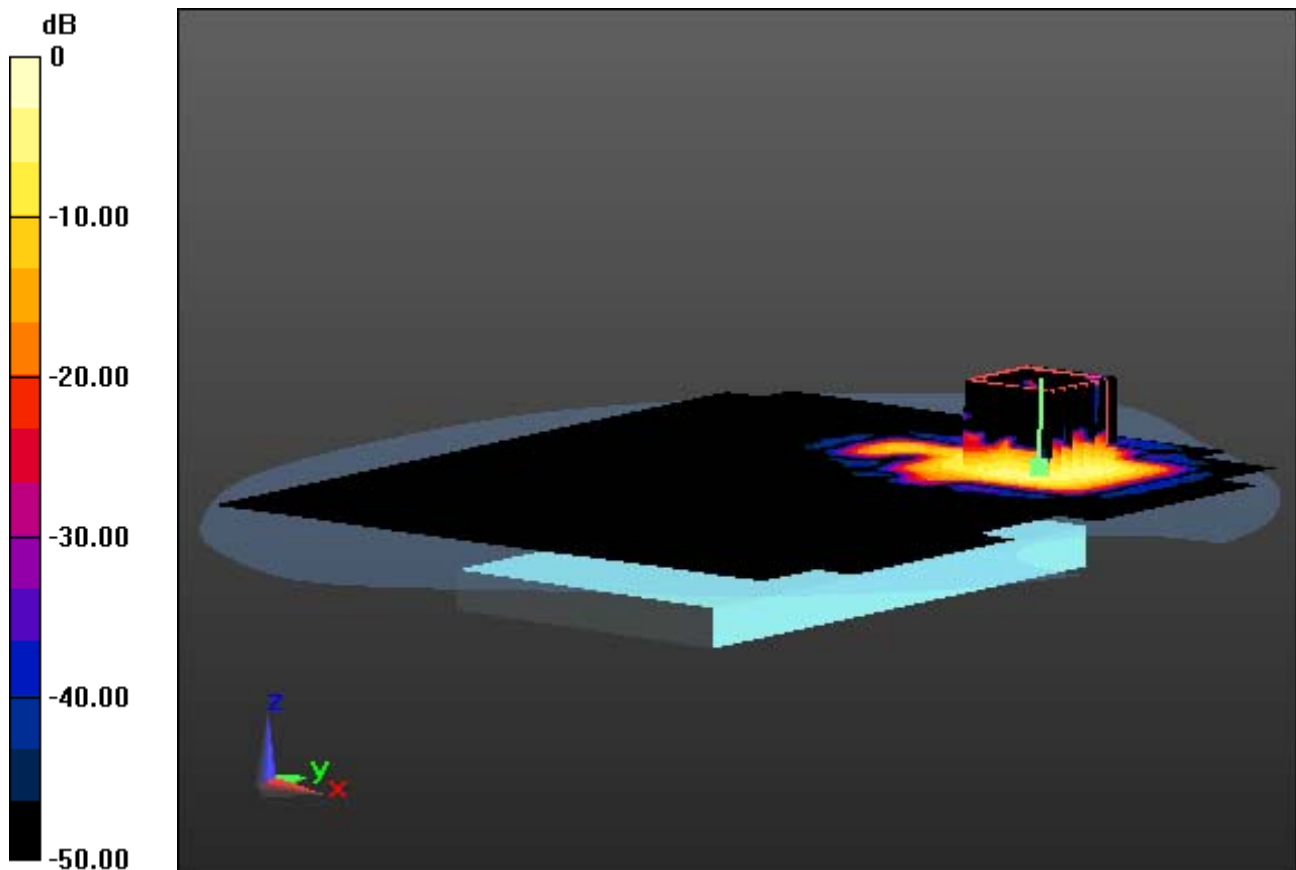
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.073 W/kg



0 dB = 0.483 W/kg

DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.616$ S/m; $\epsilon_r = 48.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal

With Enlarge plot image

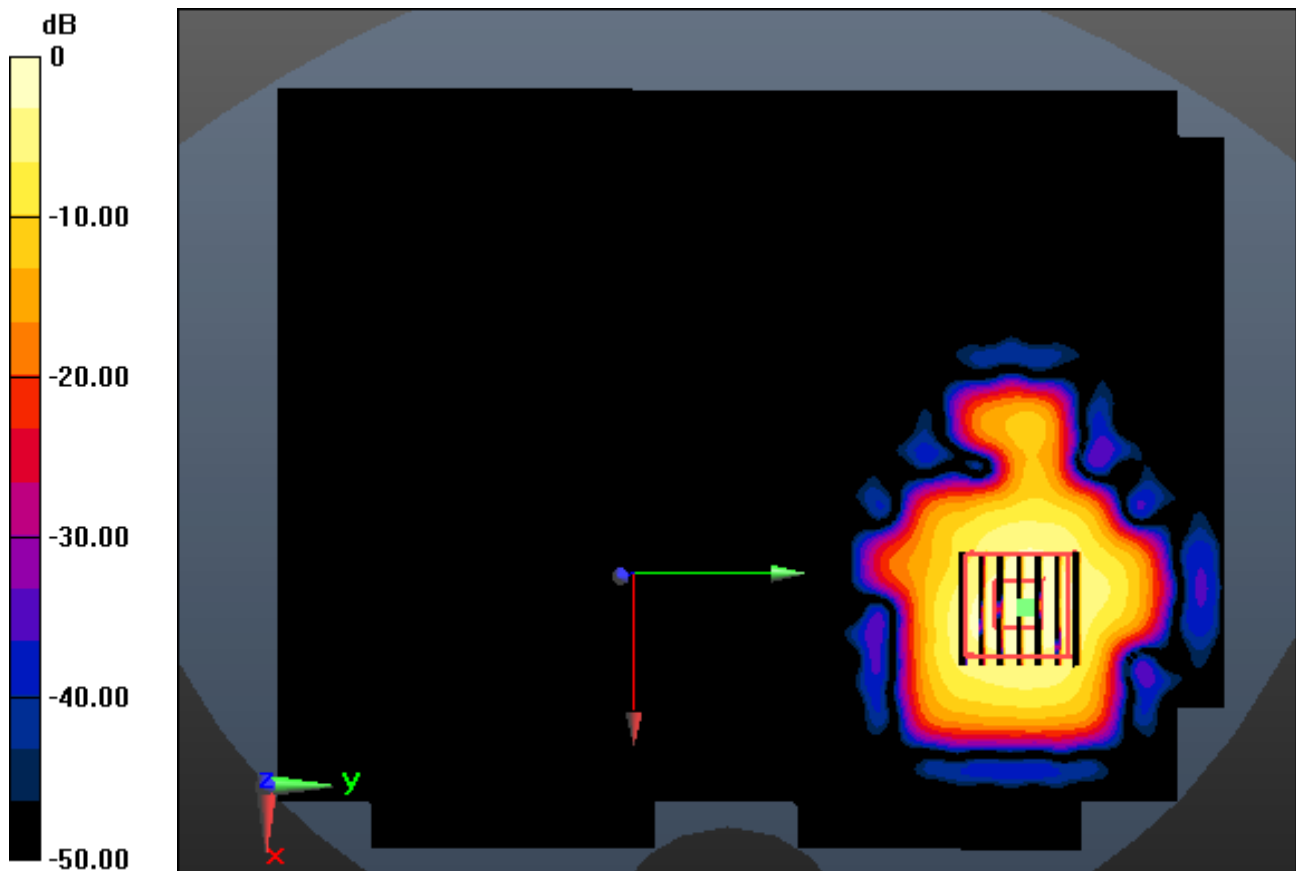
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.073 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.616$ S/m; $\epsilon_r = 48.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal

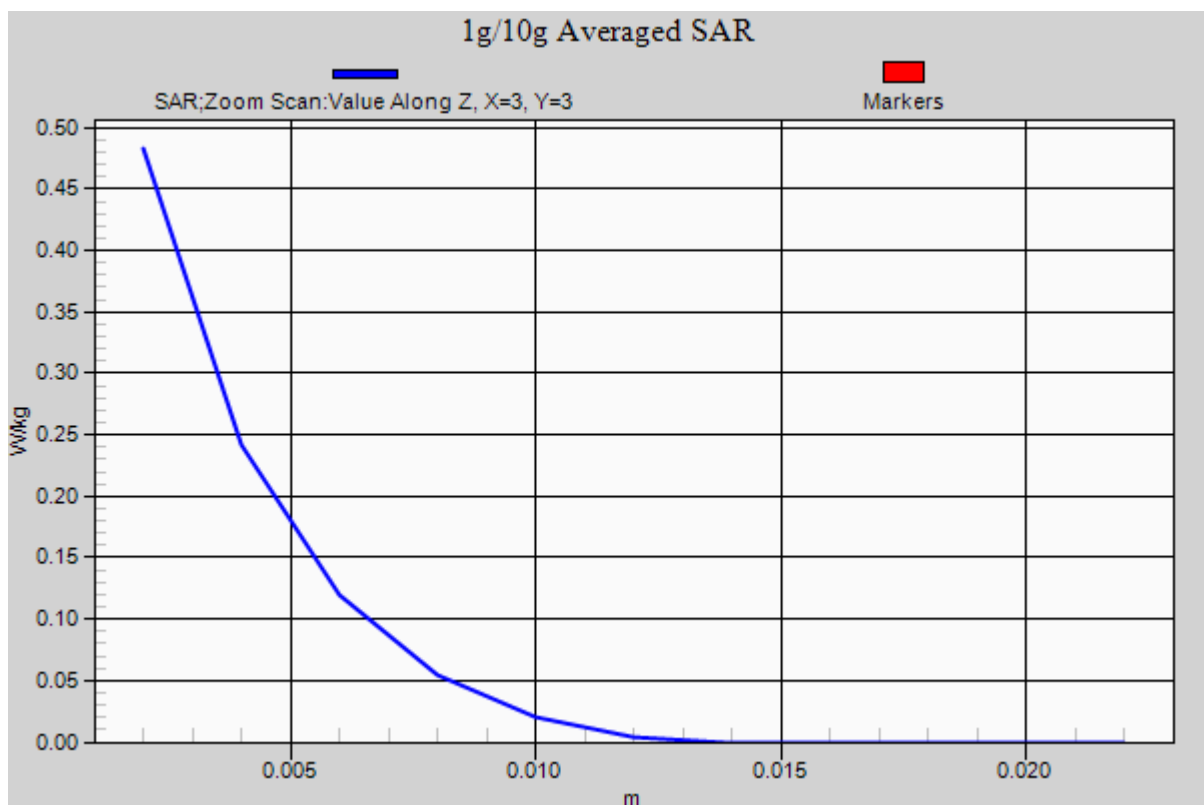
Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.073 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.988 \text{ S/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Right, GSM850 GPRS 1Tx Ch. 190, Ant Internal

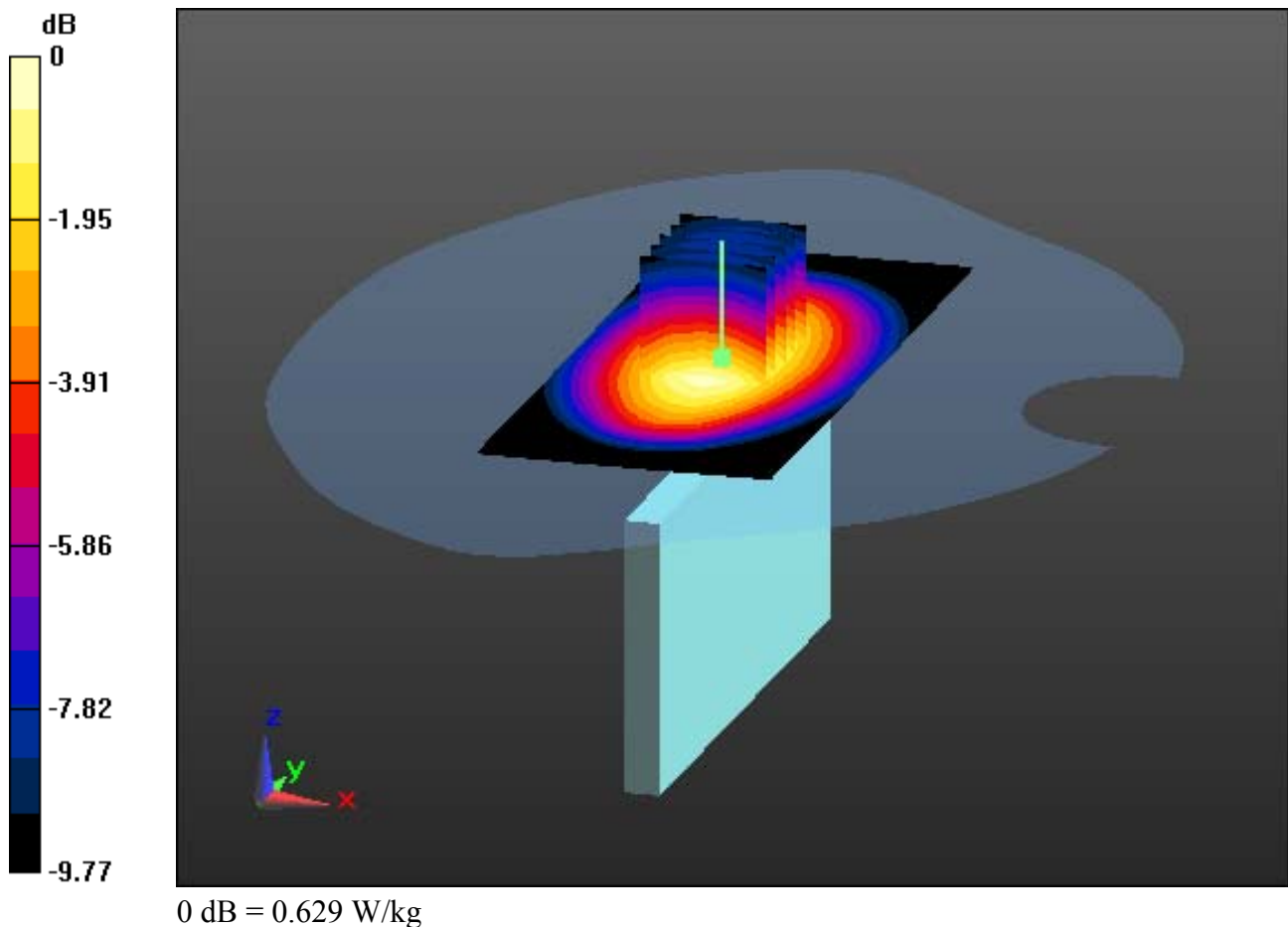
Area Scan (51x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 25.566 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.351 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.988$ S/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Right, GSM850 GPRS 1Tx Ch. 190, Ant Internal

With Enlarge plot image

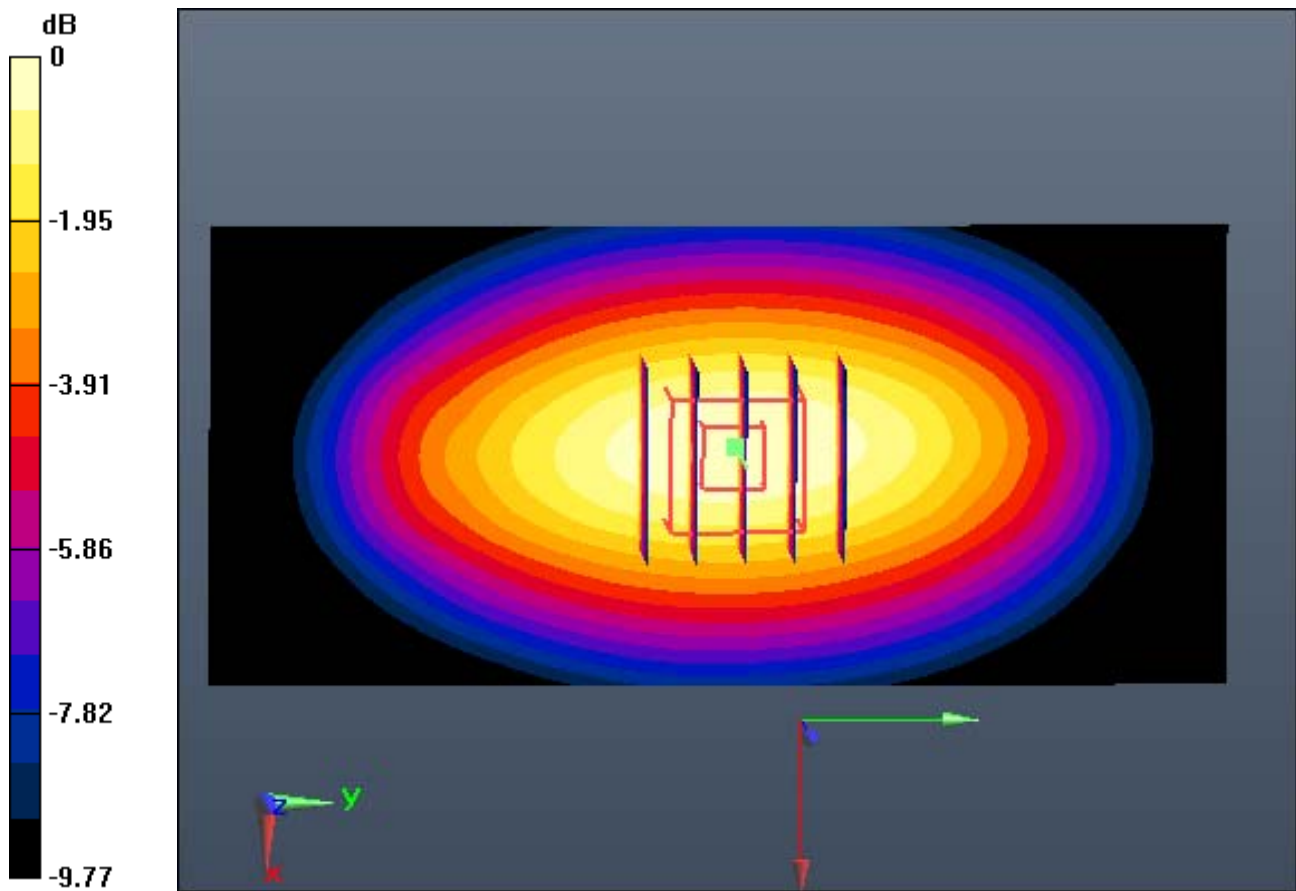
Area Scan (51x111x1): Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.351 W/kg



DT&C Co., Ltd.

DUT: LG-D722J; Type:

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.988 \text{ S/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Right, GSM850 GPRS 1Tx Ch. 190, Ant Internal

Area Scan (51x111x1): Interpolated 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 = -0.00 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.351 W/kg

