

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 52.581$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-16; Ambient Temp: 21.2; Tissue Temp: 21.7

2450 MHz System Verification

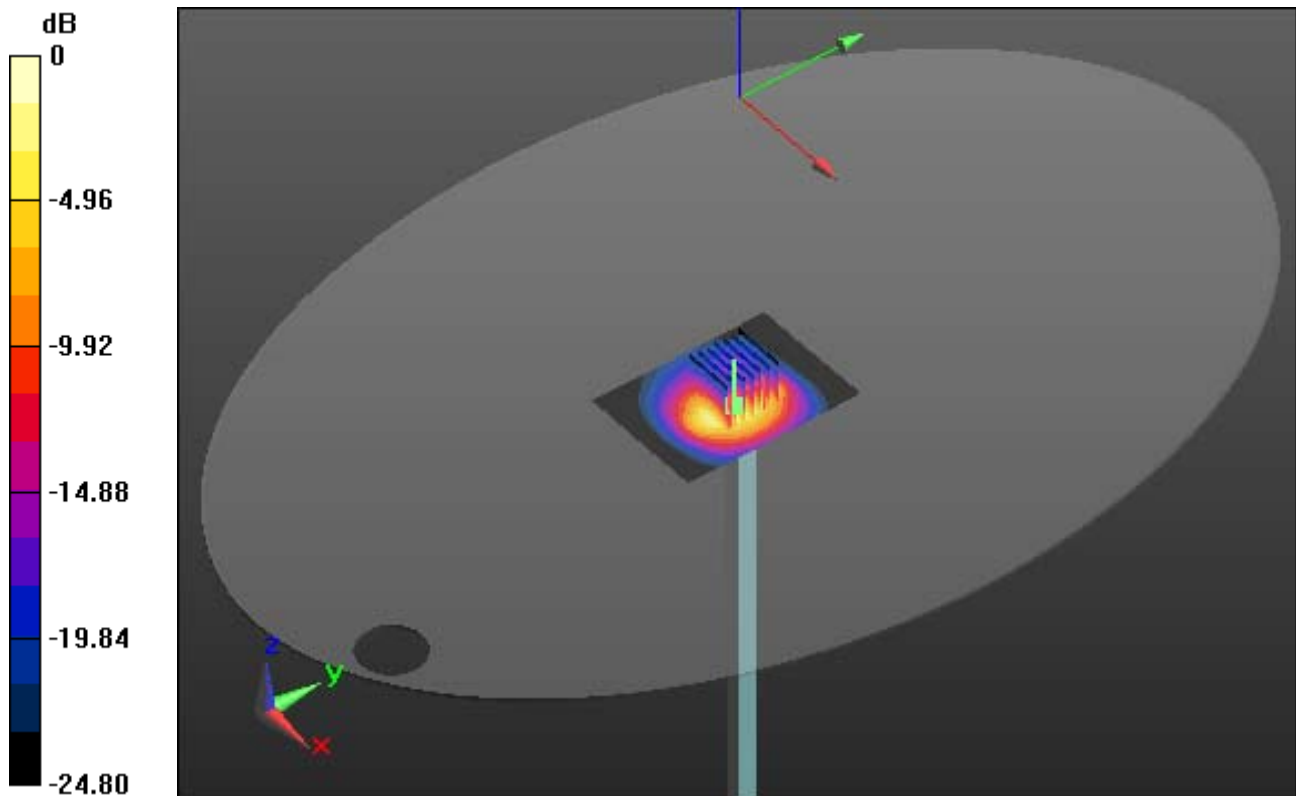
Area Scan (51x71x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 29.5 W/kg

SAR(1 g) = 11.9 W/kg; SAR(10 g) = 5.62 W/kg



0 dB = 18.2 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 52.581$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-16; Ambient Temp: 21.2; Tissue Temp: 21.7

2450 MHz System Verification

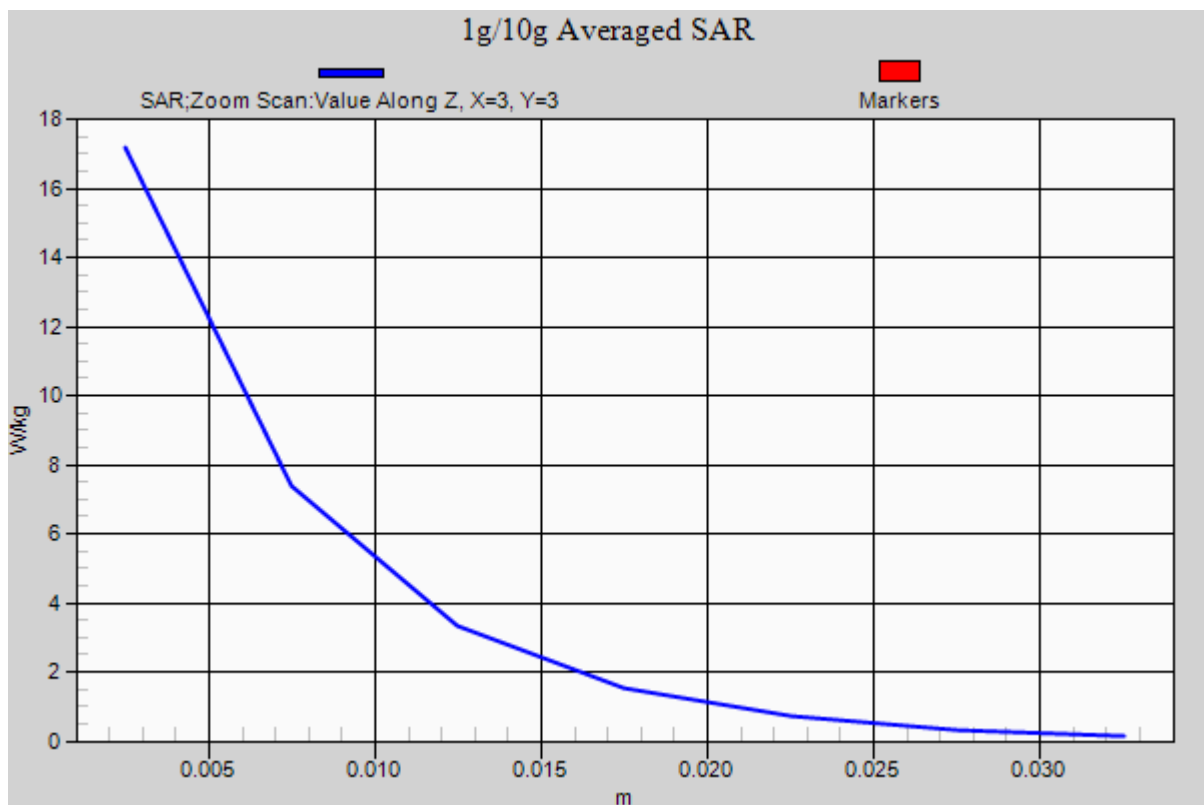
Area Scan (51x71x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 29.5 W/kg

SAR(1 g) = 11.9 W/kg; SAR(10 g) = 5.62 W/kg



DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.386$ S/m; $\epsilon_r = 48.574$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-21; Ambient Temp: 20.9; Tissue Temp: 21.4

5300 MHz System Verification

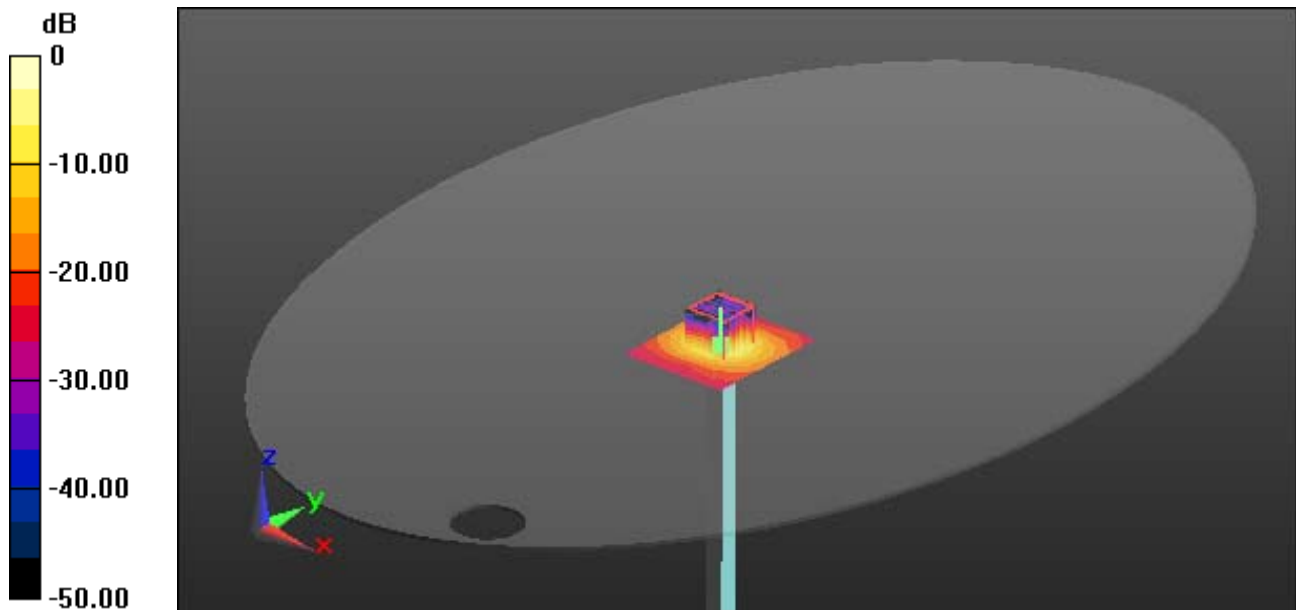
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 37.6 W/kg

SAR(1 g) = 7.36 W/kg; SAR(10 g) = 2.14 W/kg



0 dB = 16.7 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.386$ S/m; $\epsilon_r = 48.574$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-21; Ambient Temp: 20.9; Tissue Temp: 21.4

5300 MHz System Verification

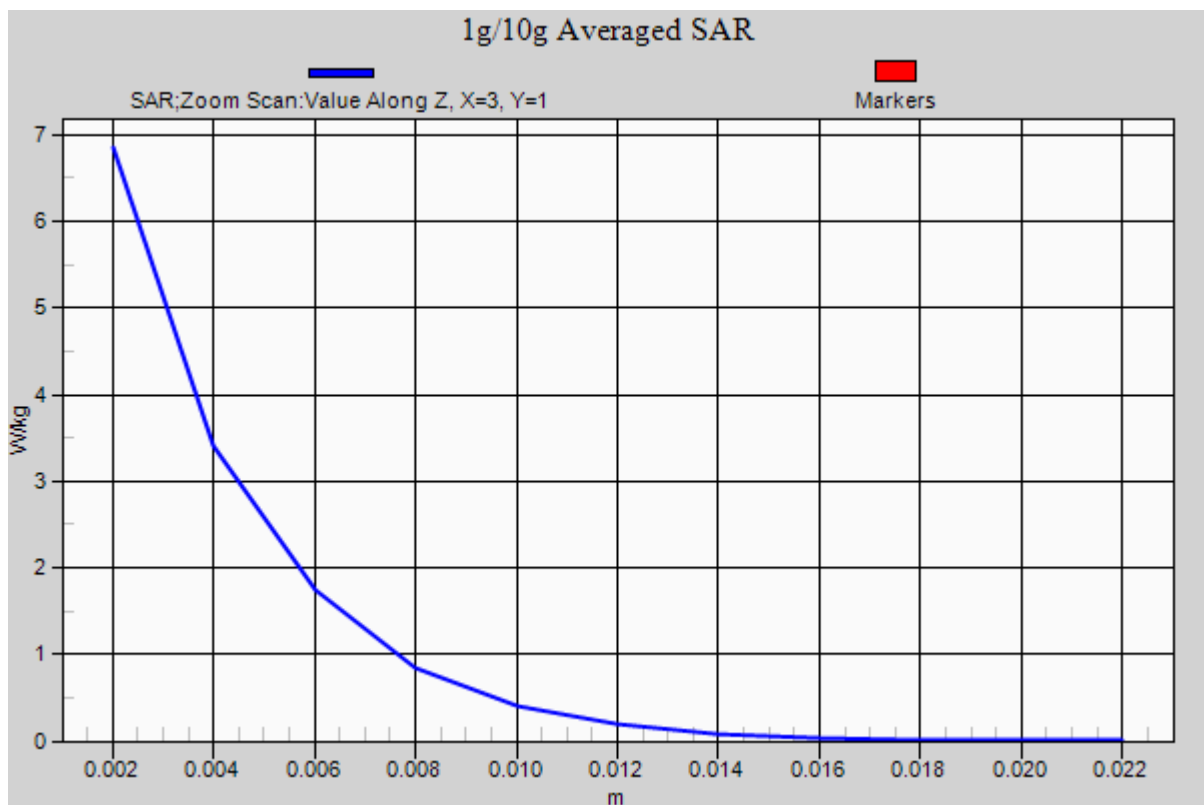
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 37.6 W/kg

SAR(1 g) = 7.36 W/kg; SAR(10 g) = 2.14 W/kg



DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.548$ S/m; $\epsilon_r = 48.454$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.72, 3.72, 3.72); Calibrated: 5/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

5500 MHz System Verification

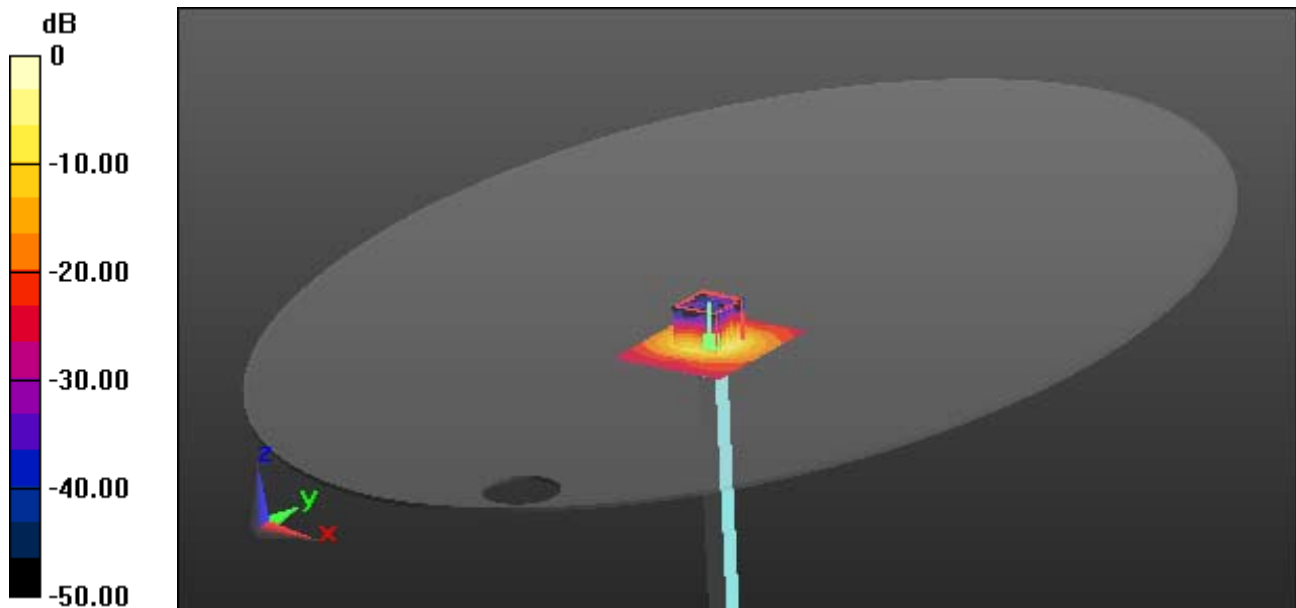
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 38.7 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.19 W/kg



0 dB = 17.6 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.548$ S/m; $\epsilon_r = 48.454$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.72, 3.72, 3.72); Calibrated: 5/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

5500 MHz System Verification

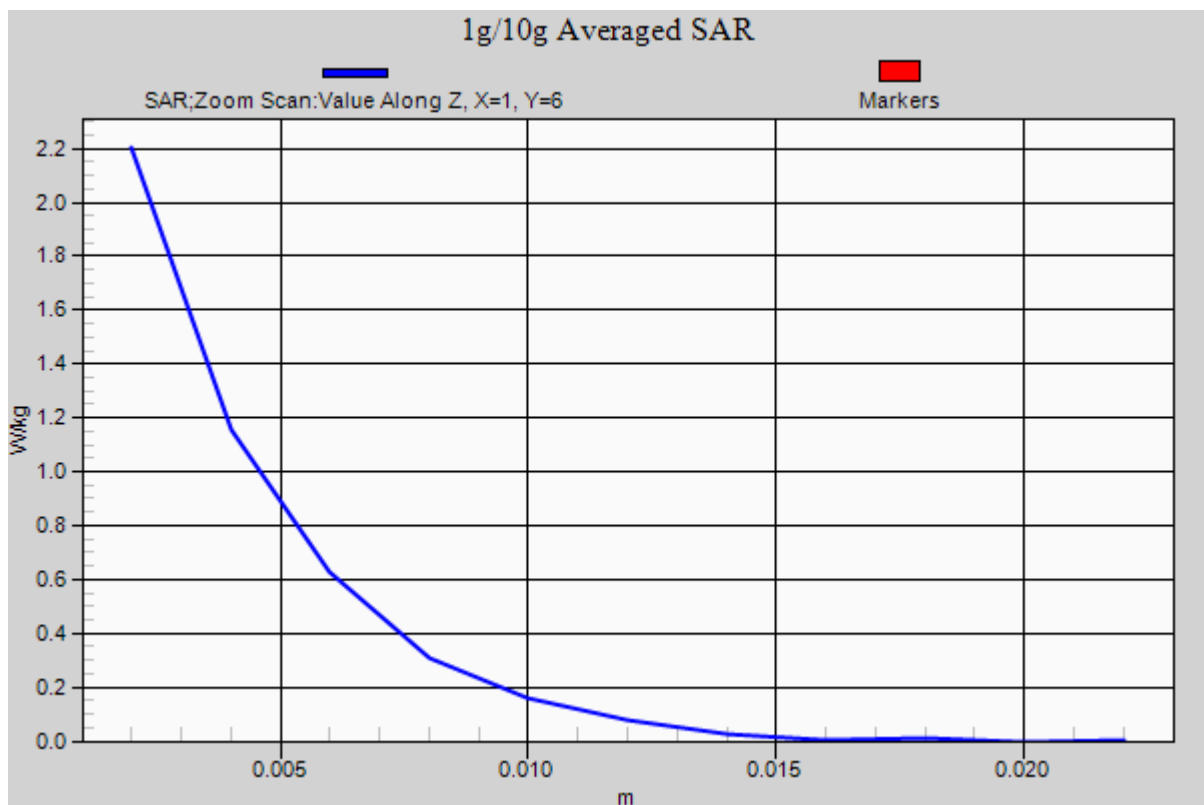
Area Scan (61x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 38.7 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.19 W/kg



DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.685$ S/m; $\epsilon_r = 48.258$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

5600 MHz System Verification

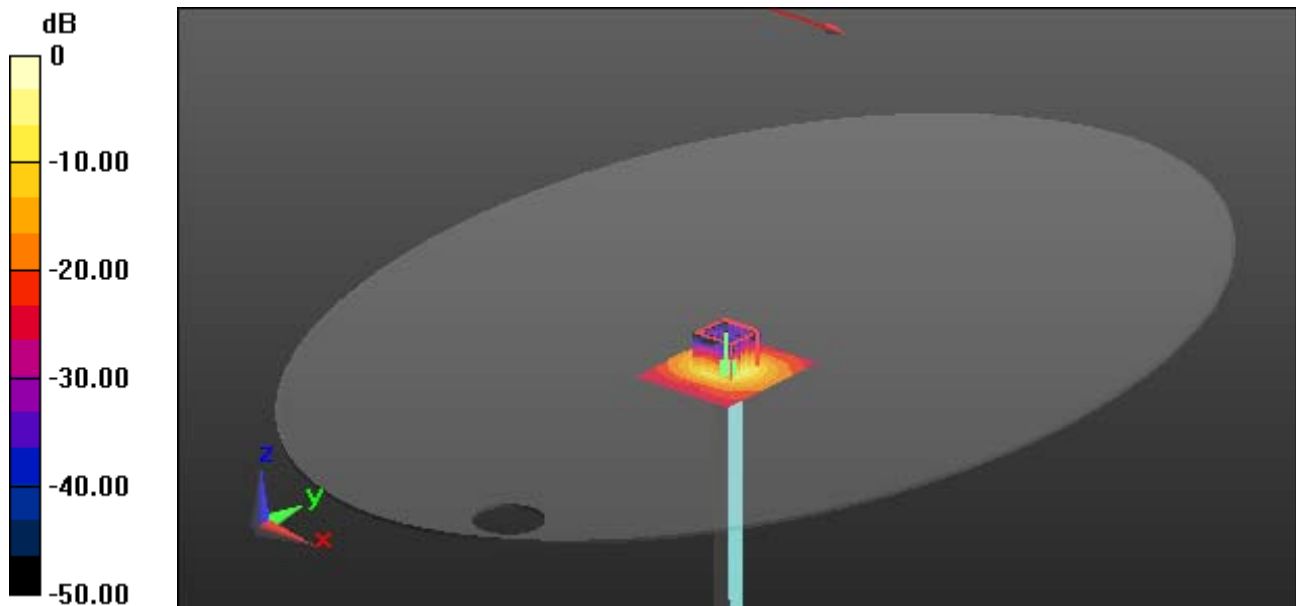
Area Scan (61x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 40.4 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.22 W/kg



0 dB = 17.8 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.685$ S/m; $\epsilon_r = 48.258$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

5600 MHz System Verification

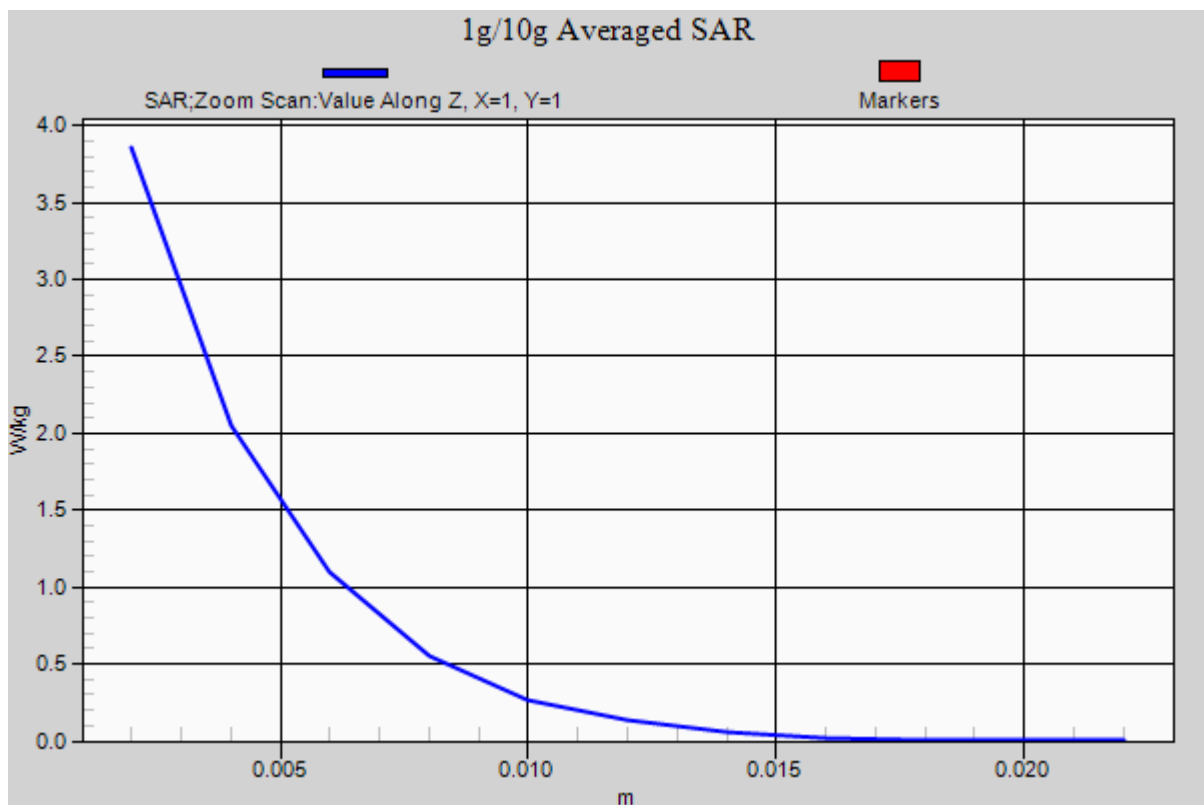
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 40.4 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.22 W/kg



DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.829$ S/m; $\epsilon_r = 47.046$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-23; Ambient Temp: 21.4; Tissue Temp: 21.9

5800 MHz System Verification

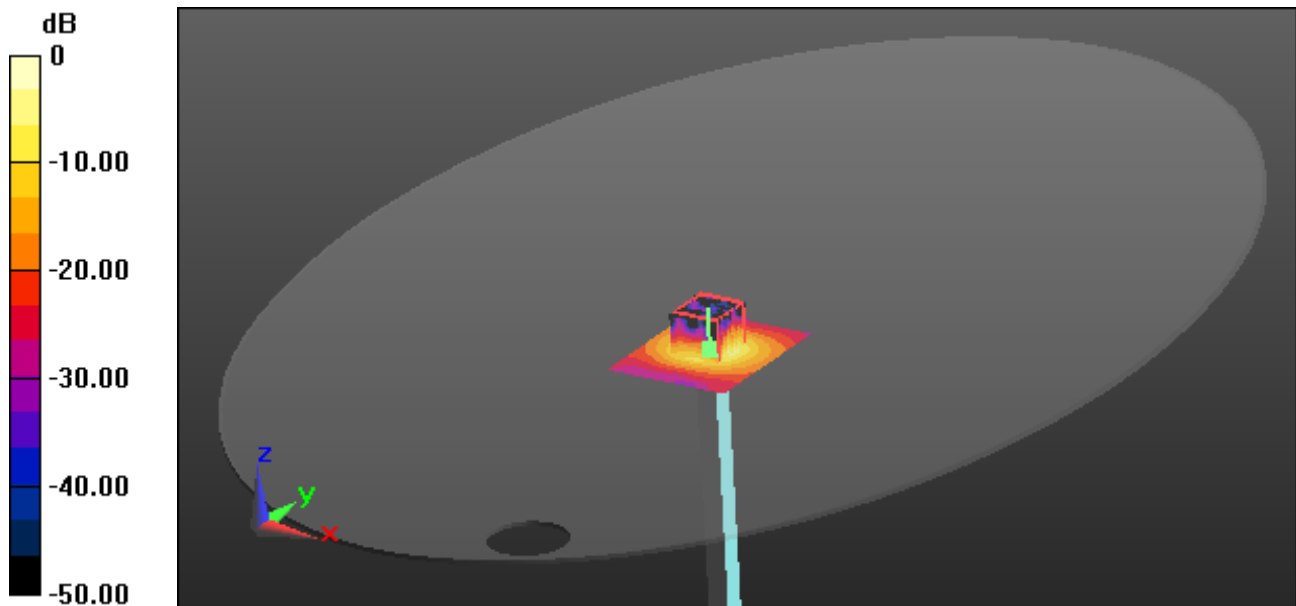
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.2 W/kg



0 dB = 17.1 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.829$ S/m; $\epsilon_r = 47.046$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-23; Ambient Temp: 21.4; Tissue Temp: 21.9

5800 MHz System Verification

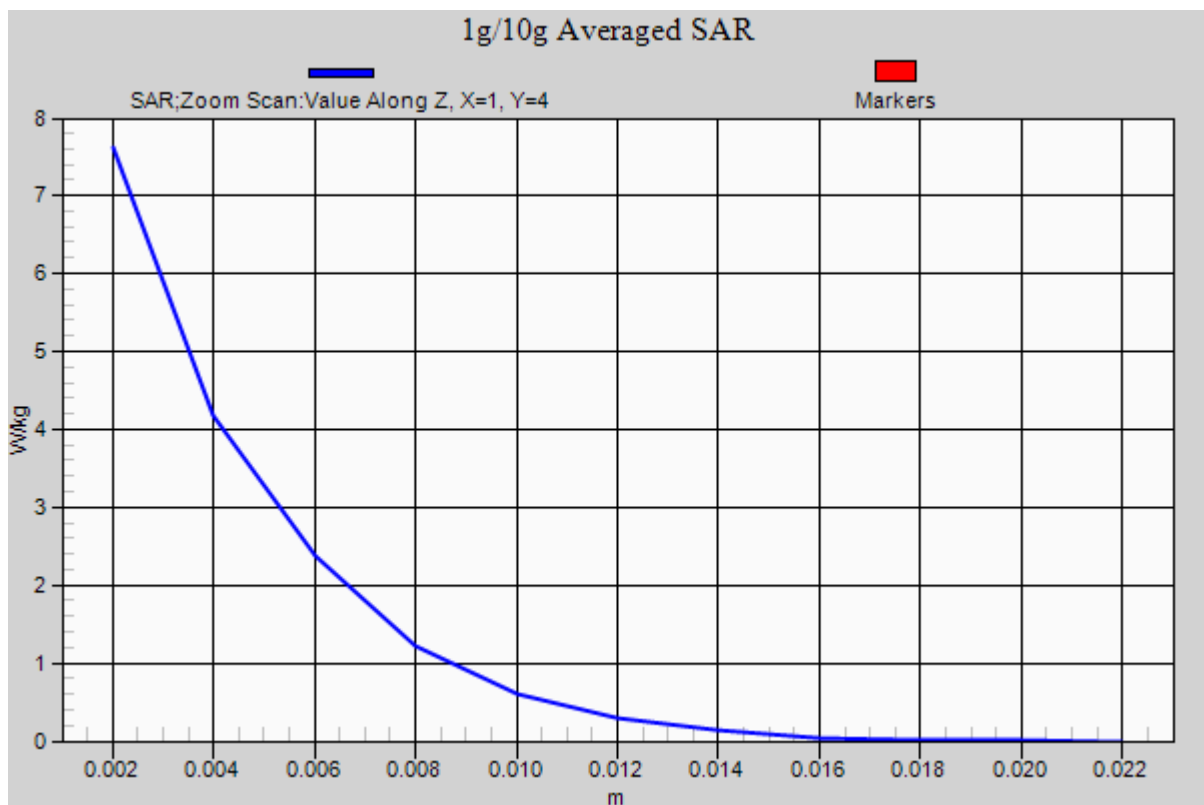
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.2 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 52.564$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

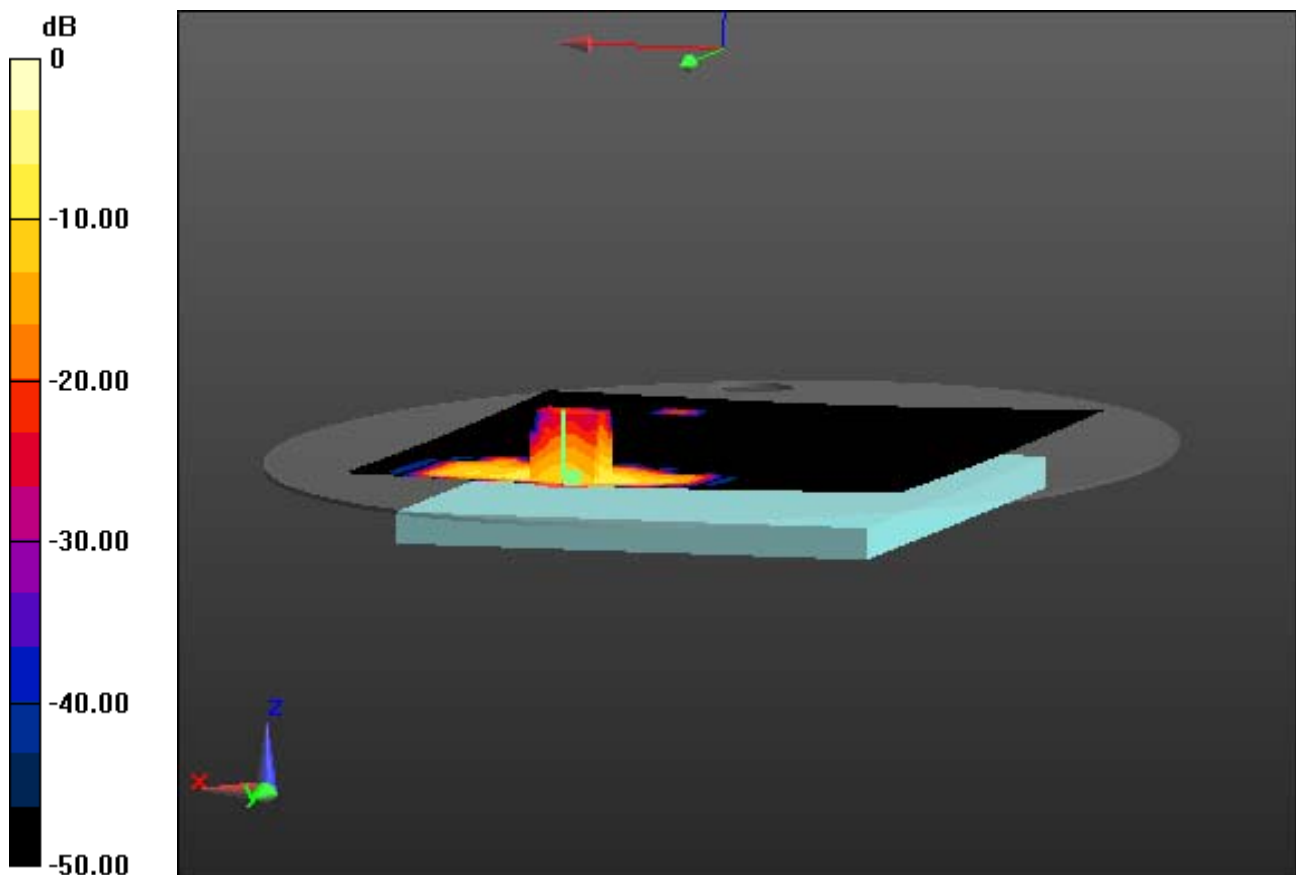
Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11b) Ch.11,

Ant Internal, Ant.1

Area Scan (211x291x1): 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 = 0.03 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.443 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 52.564$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

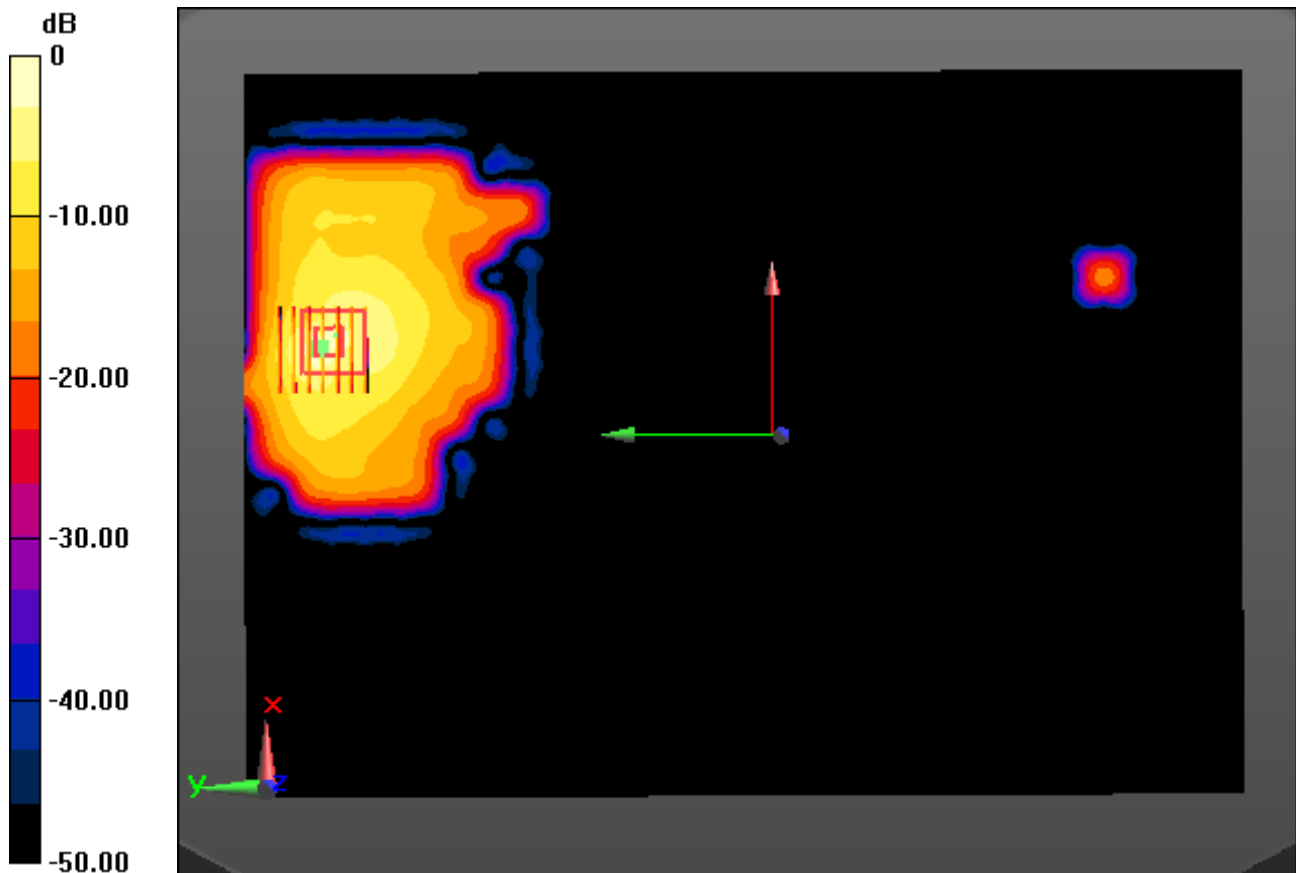
Test Date: 2015-04-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11b) Ch.11,

Ant Internal, Ant.1

With Enlarge plot Image

Area Scan (211x291x1): 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 = 0.03 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.443 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 52.564$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

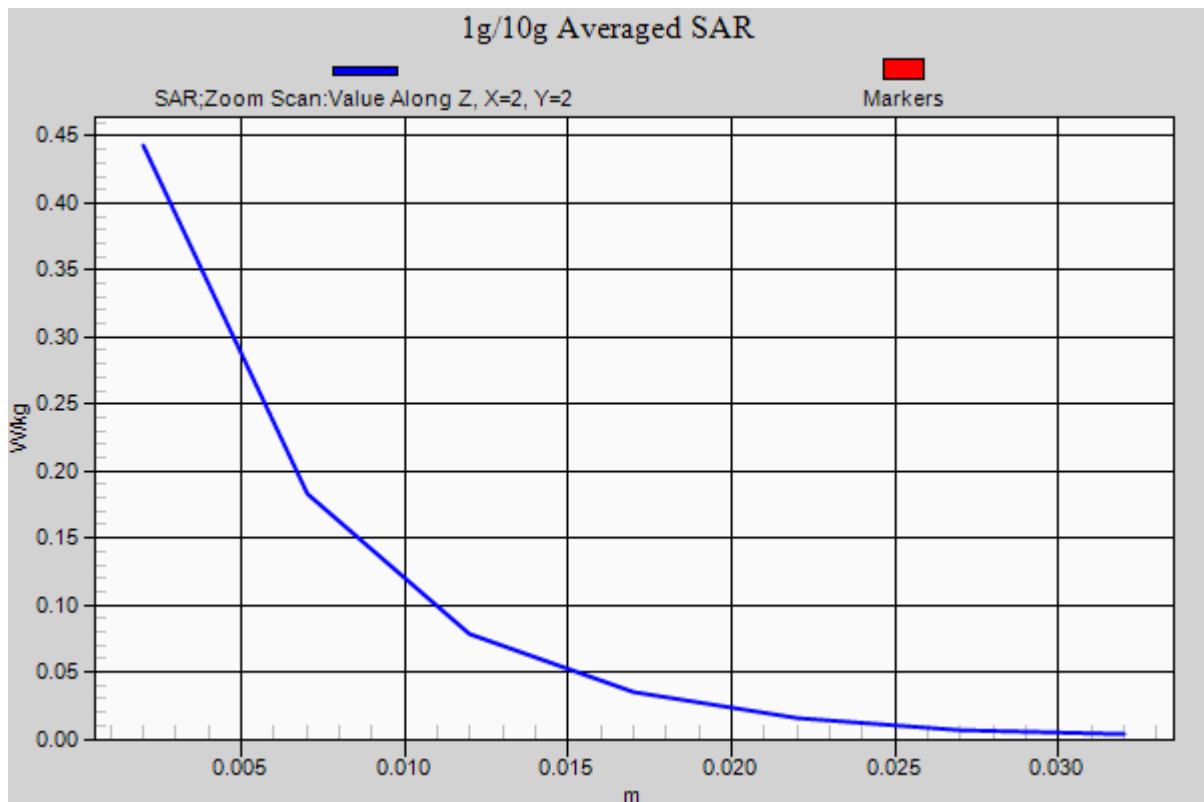
Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11b) Ch.11,

Ant Internal, Ant.1

Area Scan (211x291x1): 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 = 0.03 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.095 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 52.564$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

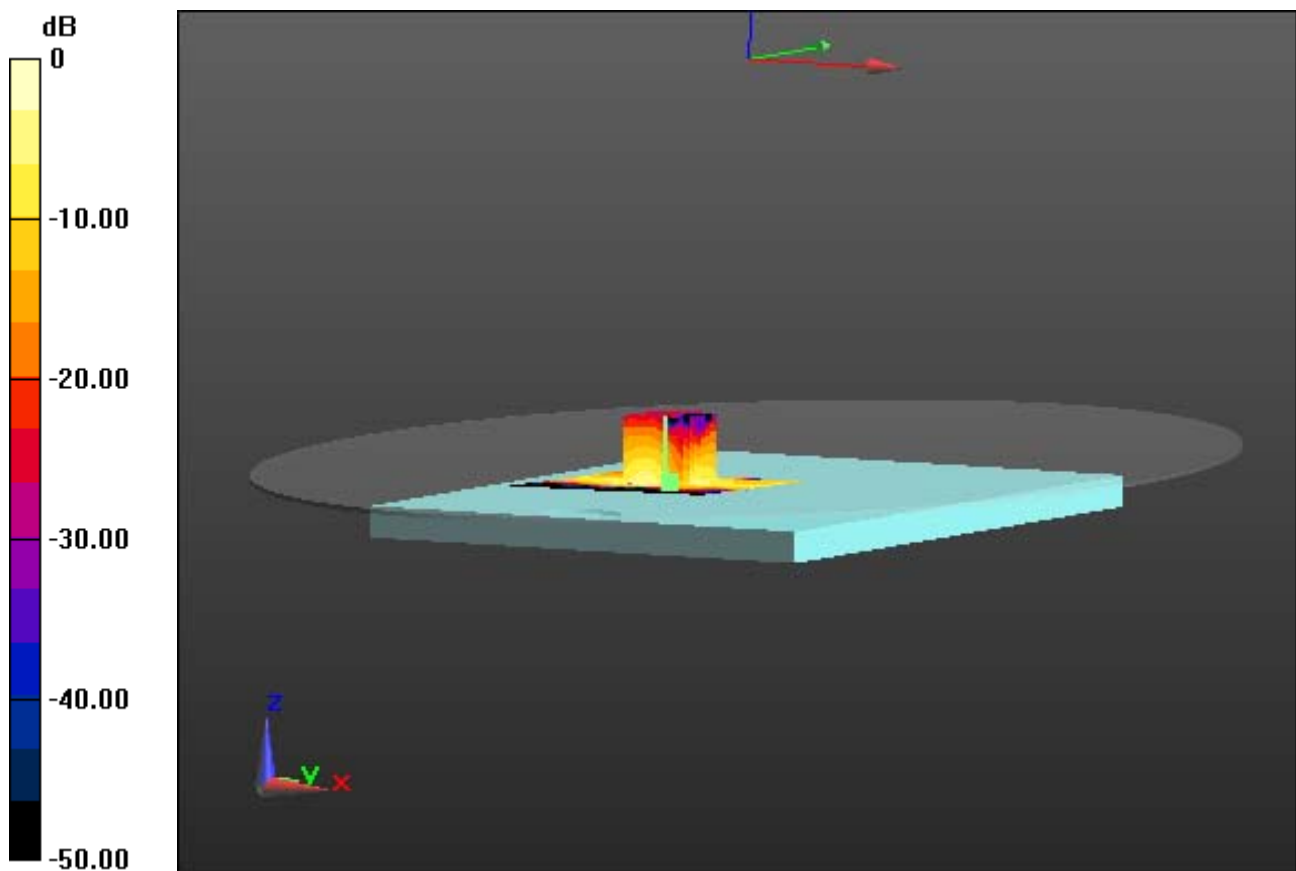
Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11b) Ch. 11,

Ant Internal, Ant.2

Area Scan (81x81x1): 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 = -0.10 dB
Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.110 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.922 \text{ S/m}$; $\epsilon_r = 52.564$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

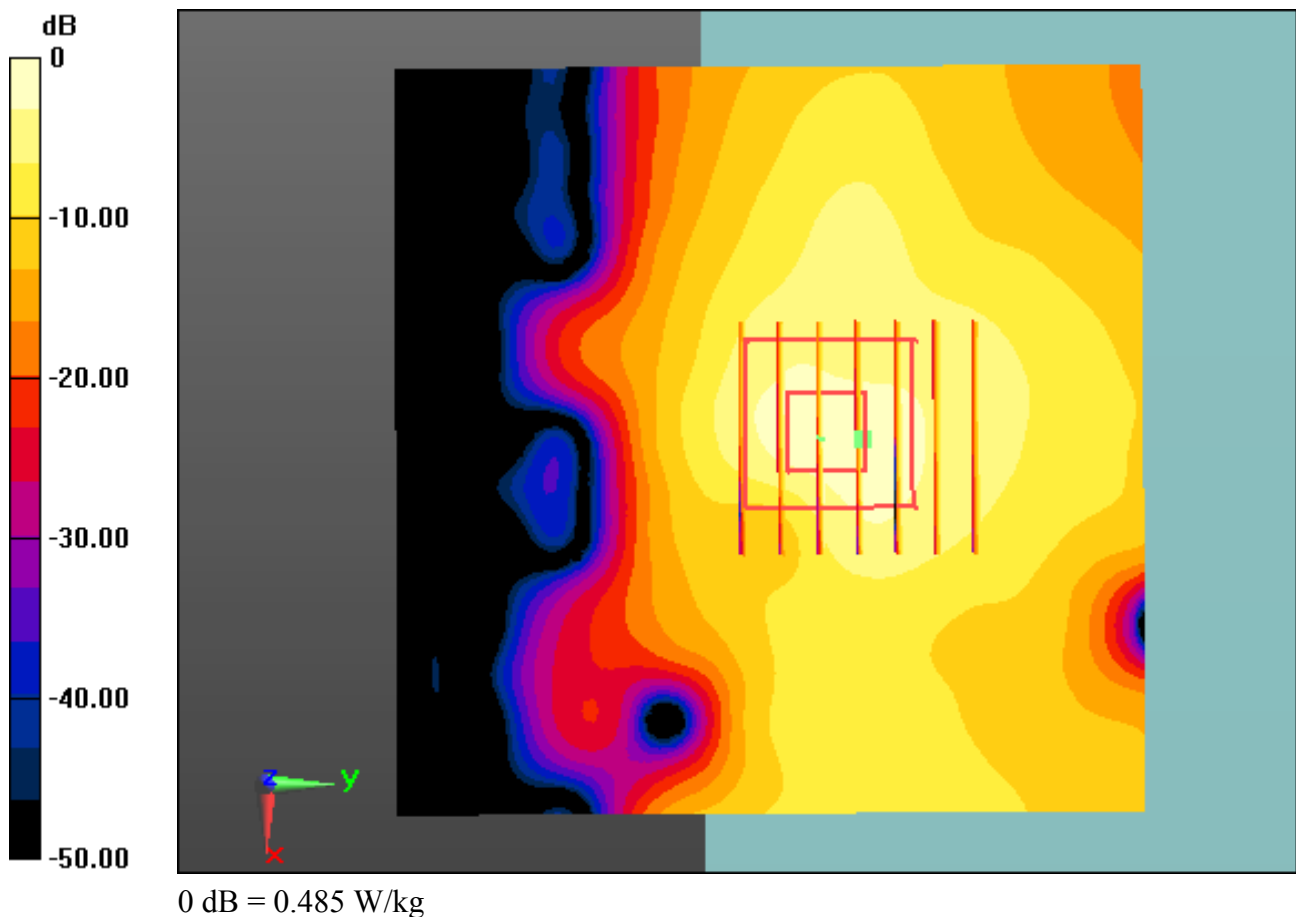
Test Date: 2015-04-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11b) Ch. 11,

Ant Internal, Ant.2

With Enlarge plot image

Area Scan (81x81x1): 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 = -0.10 dB
Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.110 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 52.564$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11b) Ch. 11,

Ant Internal, Ant.2

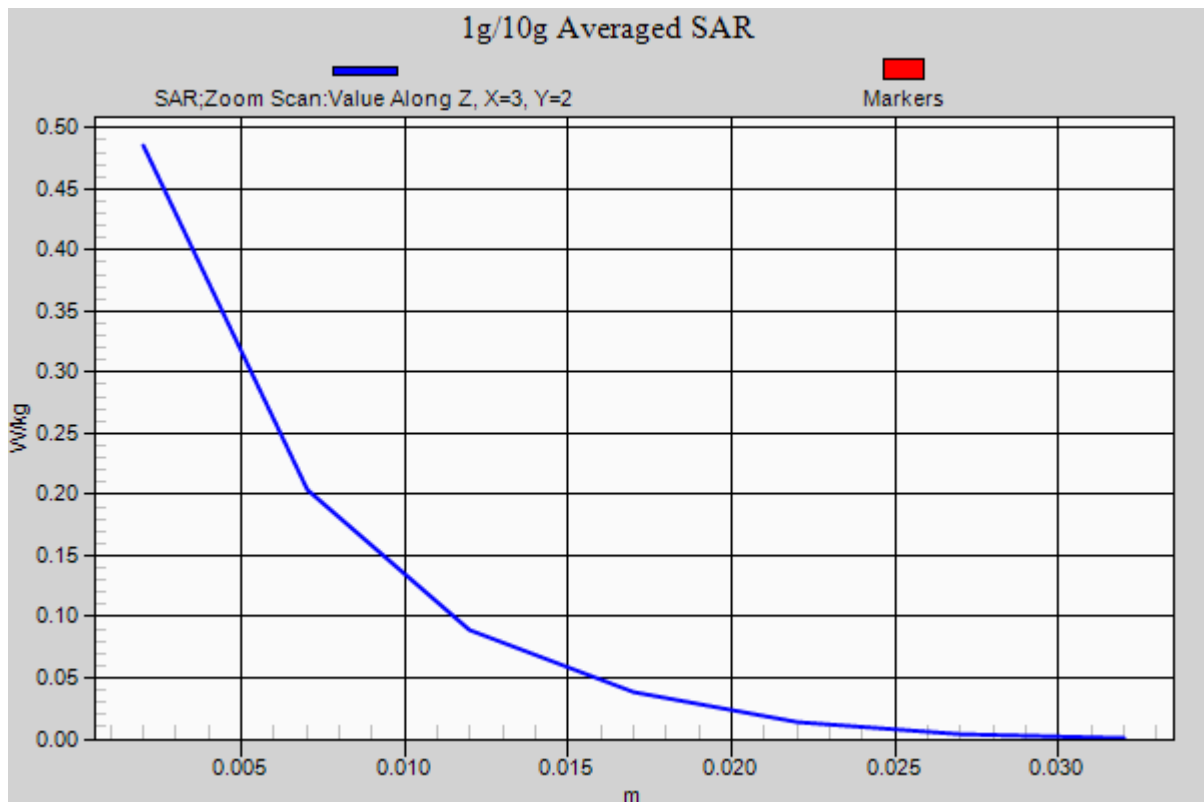
Area Scan (81x81x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.110 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.332$ S/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-21; Ambient Temp: 20.9; Tissue Temp: 21.4

Touch from Body, Rear, W-LAN(802.11a 5.3G) Ch.52,

Ant Internal, Ant.1

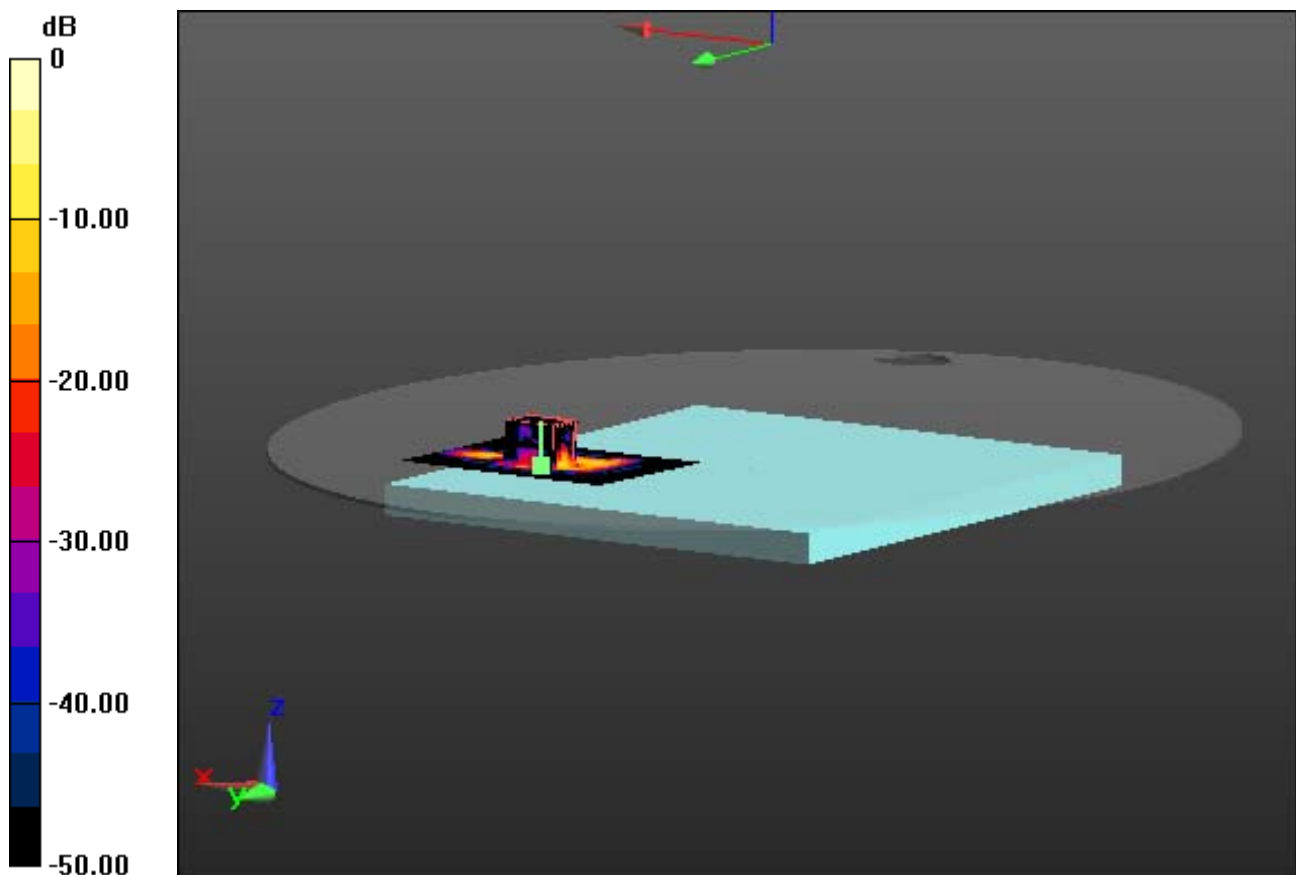
Area Scan (101x101x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 1.42 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.332$ S/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-21; Ambient Temp: 20.9; Tissue Temp: 21.4

Touch from Body, Rear, W-LAN(802.11a 5.3G) Ch.52,

Ant Internal, Ant.1

With Enlarge plot Image

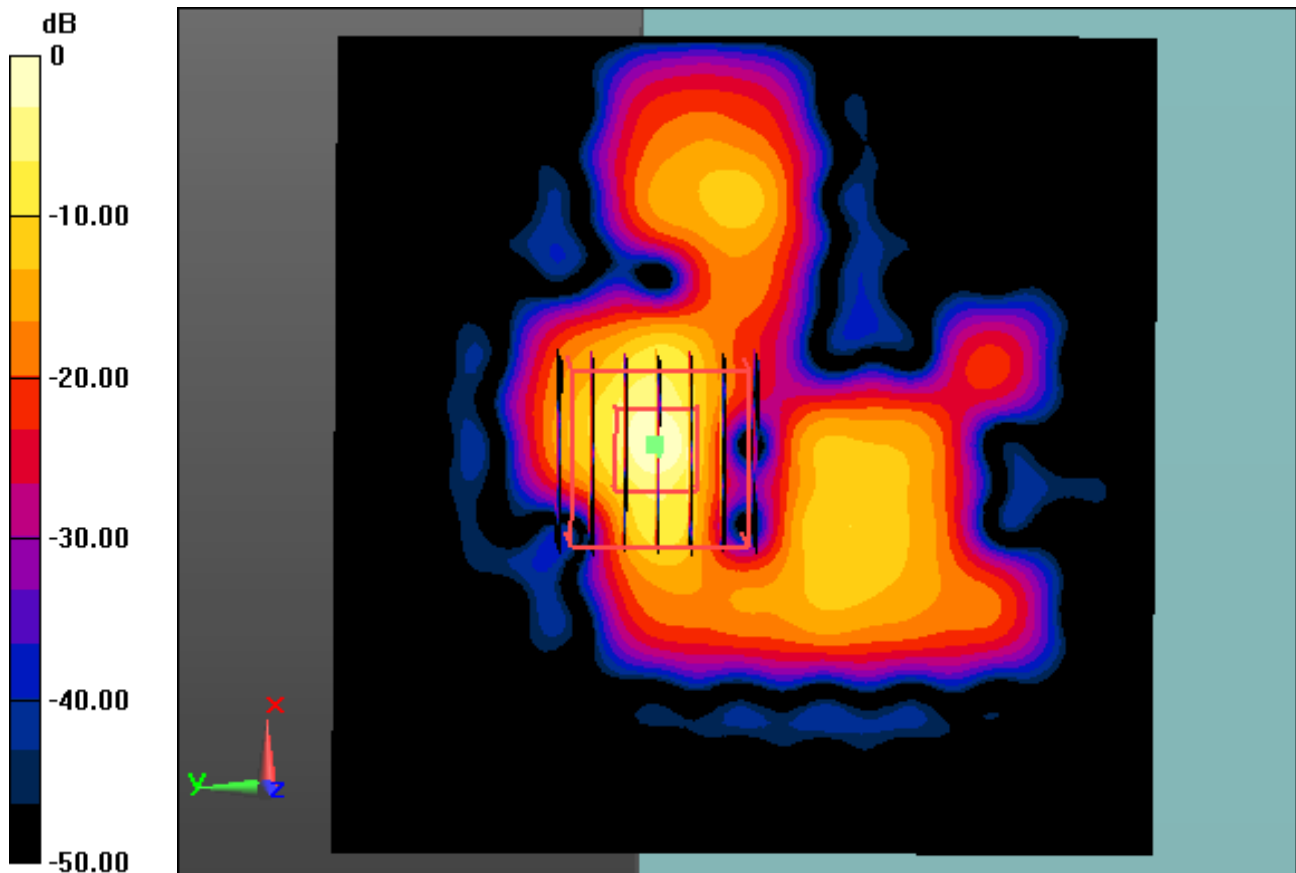
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 1.42 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.332$ S/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-21; Ambient Temp: 20.9; Tissue Temp: 21.4

Touch from Body, Rear, W-LAN(802.11a 5.3G) Ch.52,

Ant Internal, Ant.1

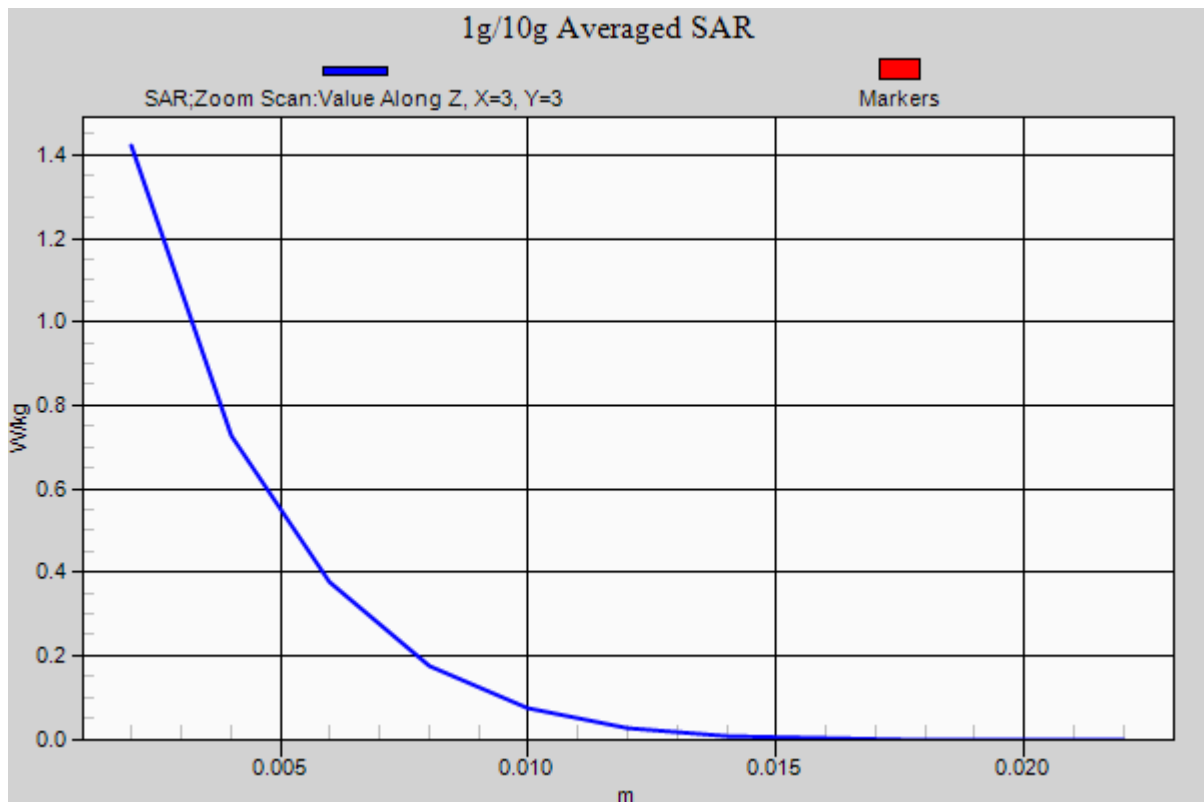
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.095 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.65$ S/m; $\epsilon_r = 48.298$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11a 5.5G) Ch.116,

Ant Internal, Ant.1

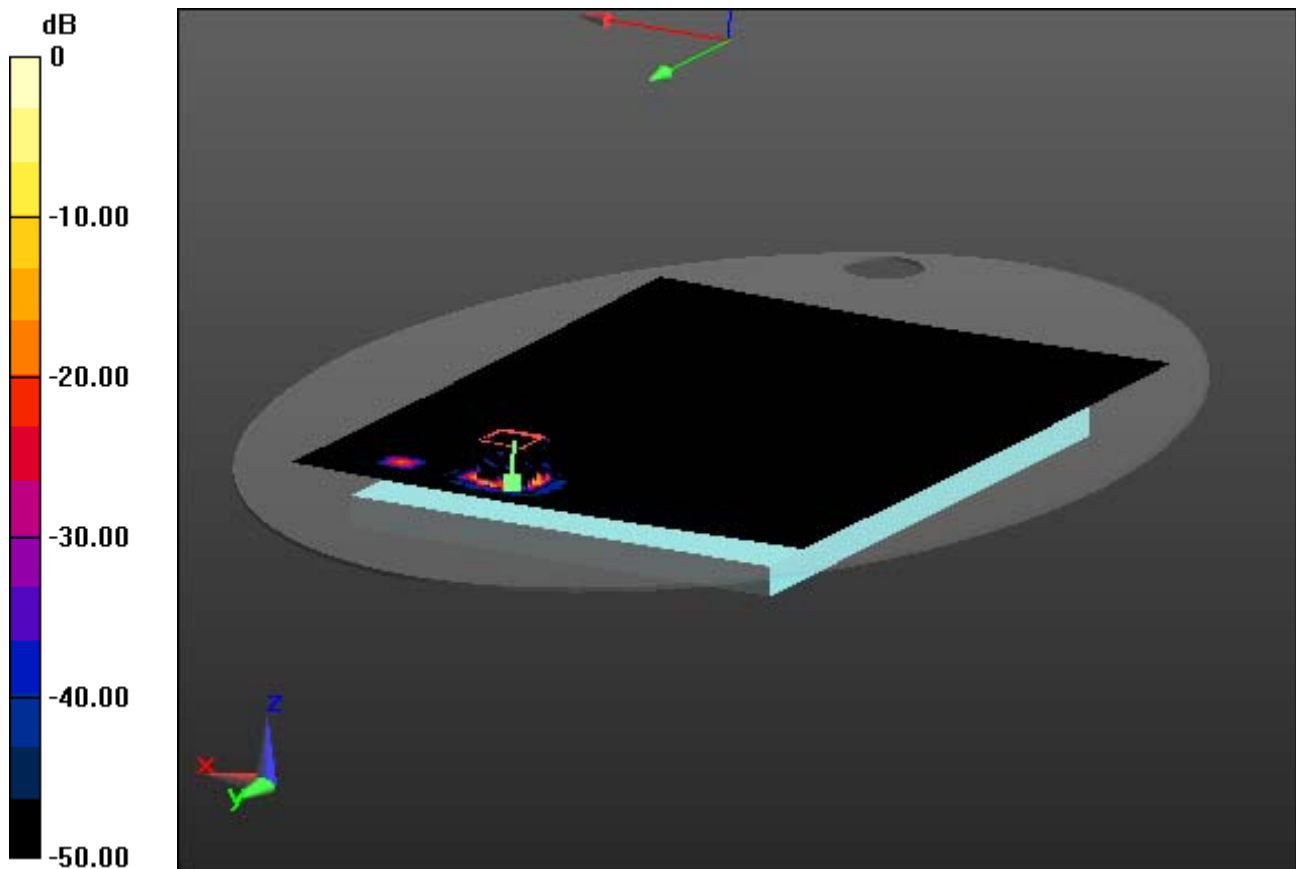
Area Scan (261x351x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.133 W/kg



0 dB = 1.76 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.65$ S/m; $\epsilon_r = 48.298$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11a 5.5G) Ch.116,

Ant Internal, Ant.1

With Enlarge plot Image

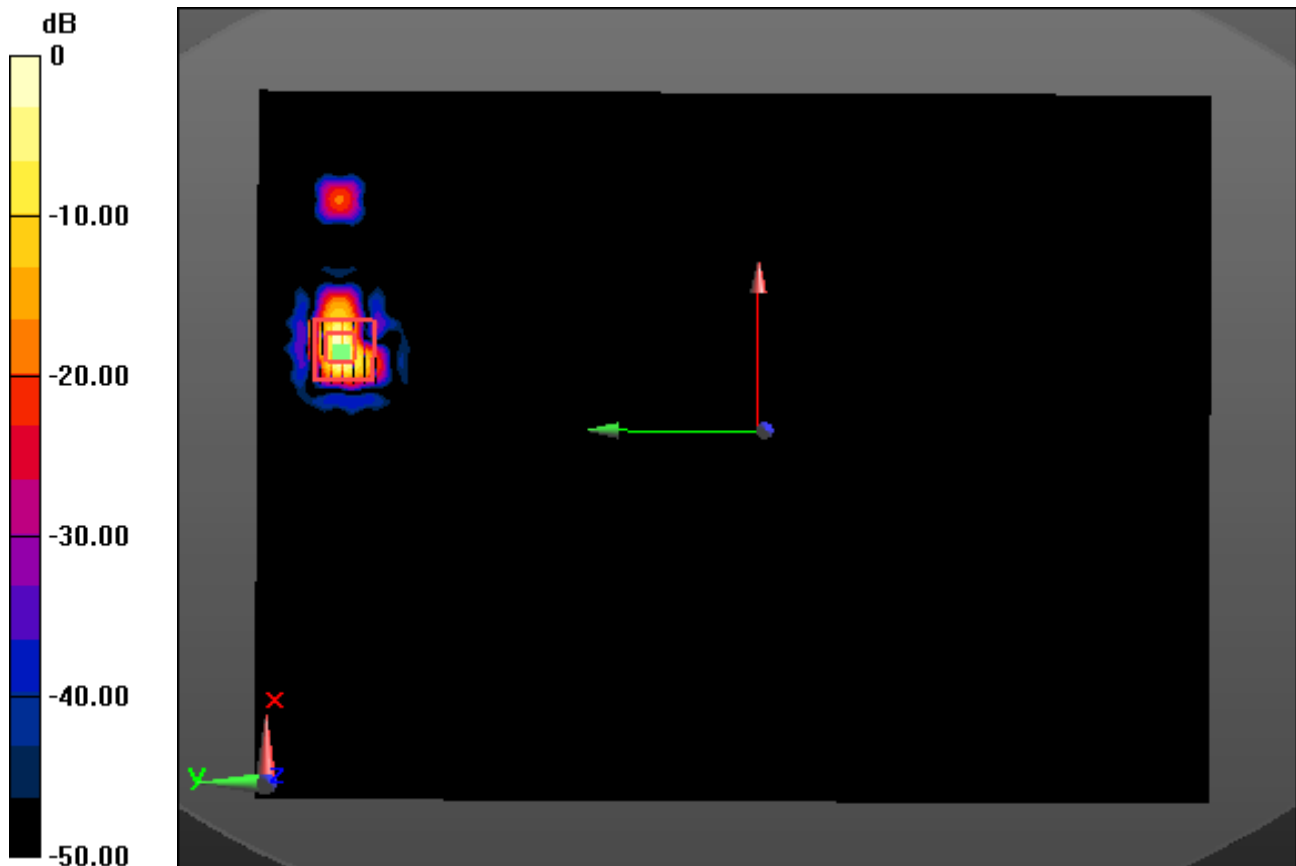
Area Scan (261x351x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm

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

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Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.133 W/kg



0 dB = 1.76 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.65$ S/m; $\epsilon_r = 48.298$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11a 5.5G) Ch.116,

Ant Internal, Ant.1

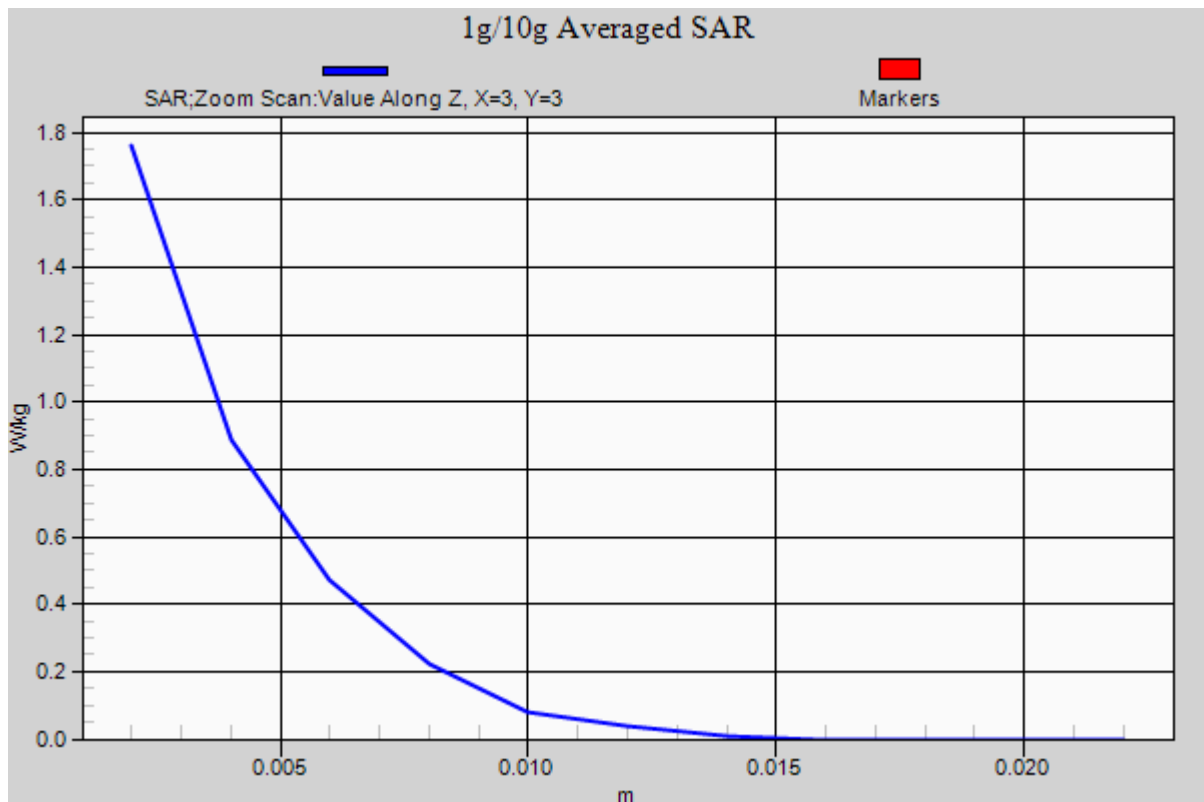
Area Scan (261x351x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.133 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.757$ S/m; $\epsilon_r = 47.148$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-23; Ambient Temp: 21.4; Tissue Temp: 21.9

Touch from Body, Rear, W-LAN(802.11a 5.8G) Ch.149,

Ant Internal, Ant.1

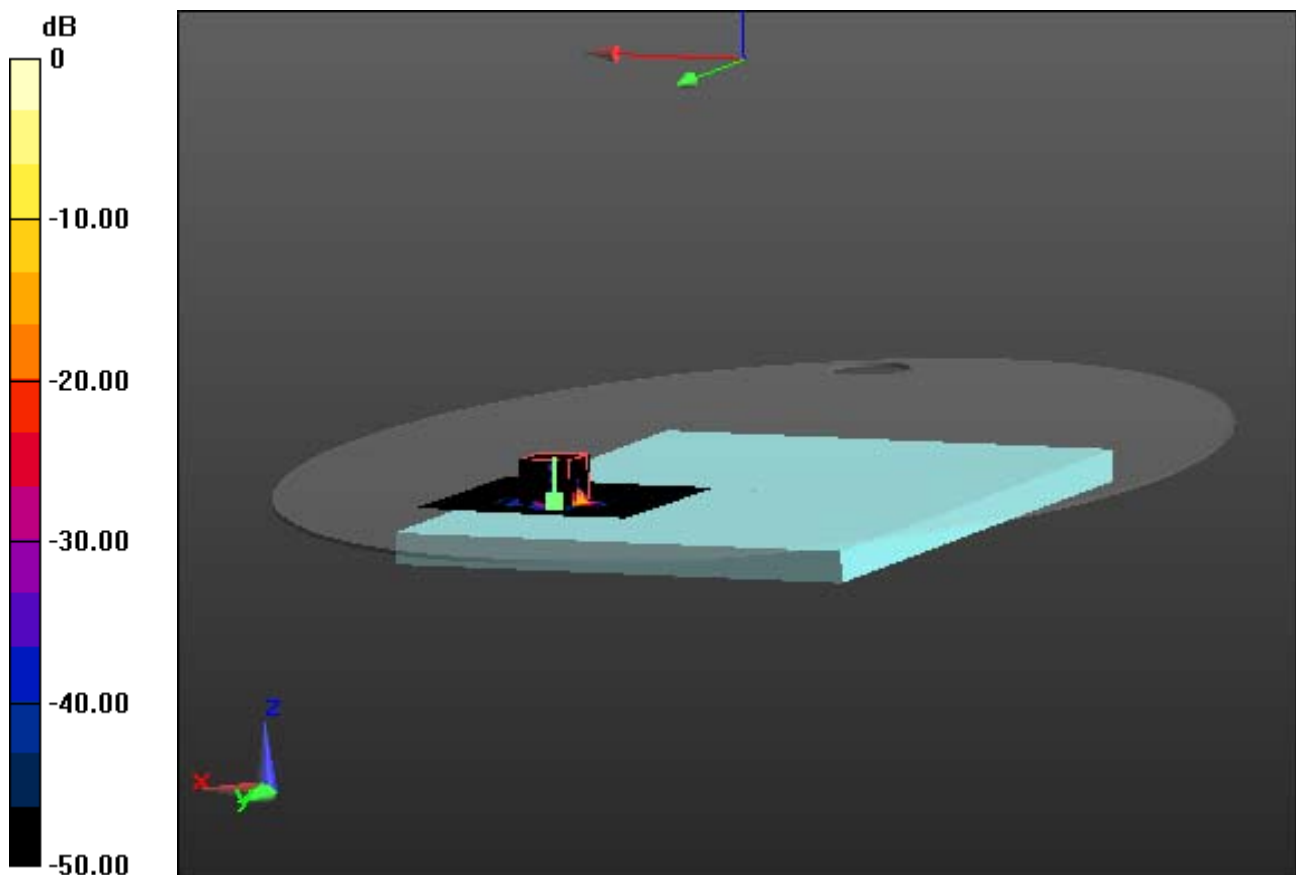
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.773 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.757$ S/m; $\epsilon_r = 47.148$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-23; Ambient Temp: 21.4; Tissue Temp: 21.9

Touch from Body, Rear, W-LAN(802.11a 5.8G) Ch.149,

Ant Internal, Ant.1

With Enlarge plot Image

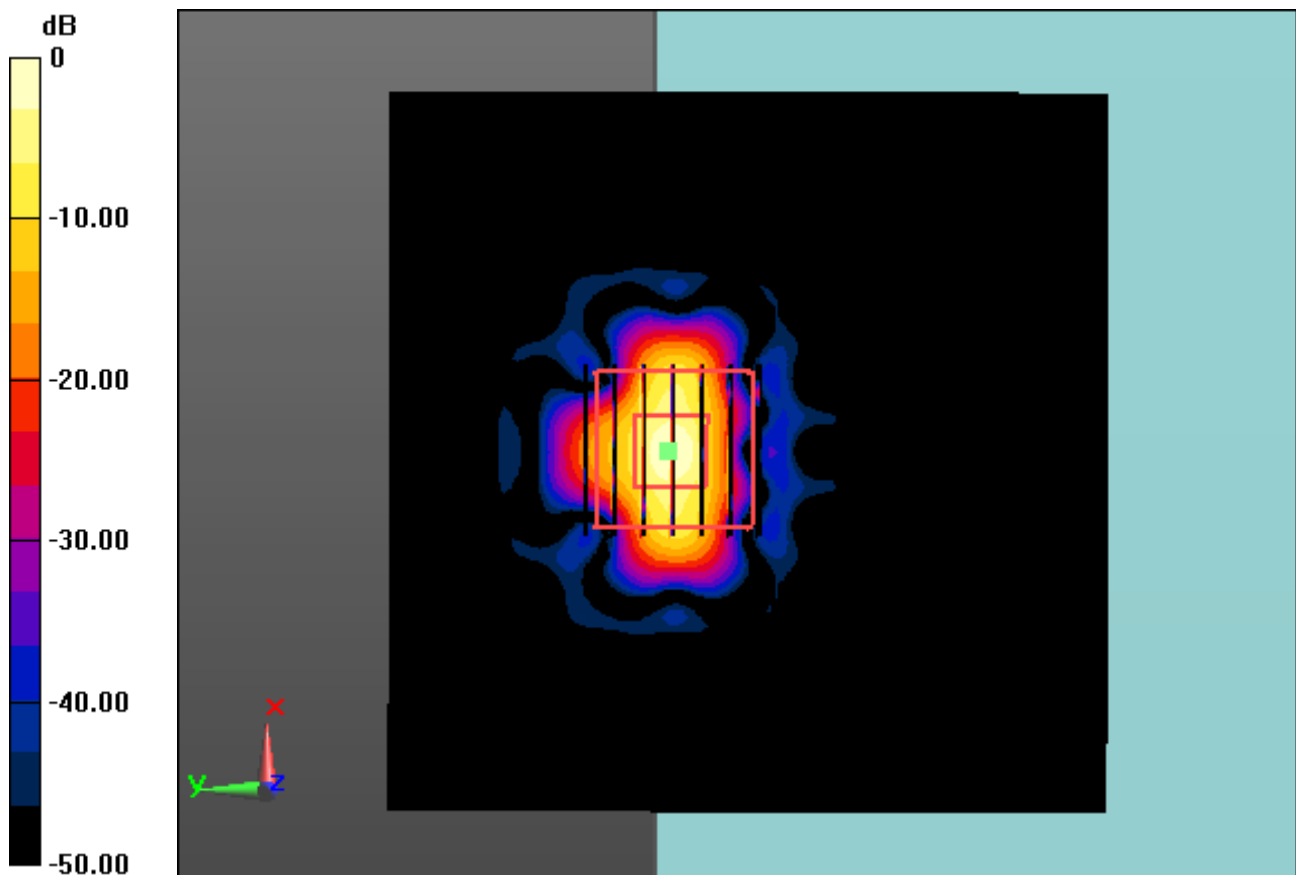
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

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0 dB = 0.773 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.757$ S/m; $\epsilon_r = 47.148$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-23; Ambient Temp: 21.4; Tissue Temp: 21.9

Touch from Body, Rear, W-LAN(802.11a 5.8G) Ch.149,

Ant Internal, Ant.1

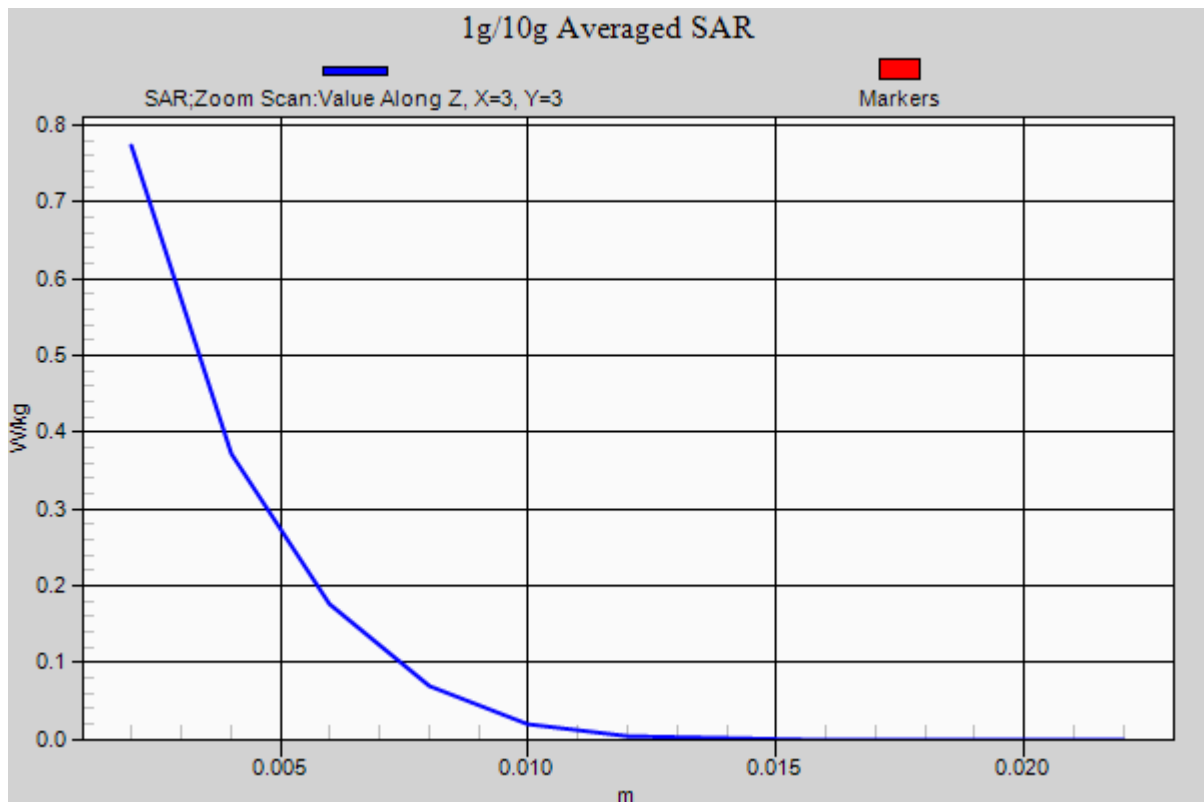
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.049 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.332$ S/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-21; Ambient Temp: 20.9; Tissue Temp: 21.4

Touch from Body, Rear, W-LAN(802.11a 5.3G) Ch.52,

Ant Internal, Ant.2

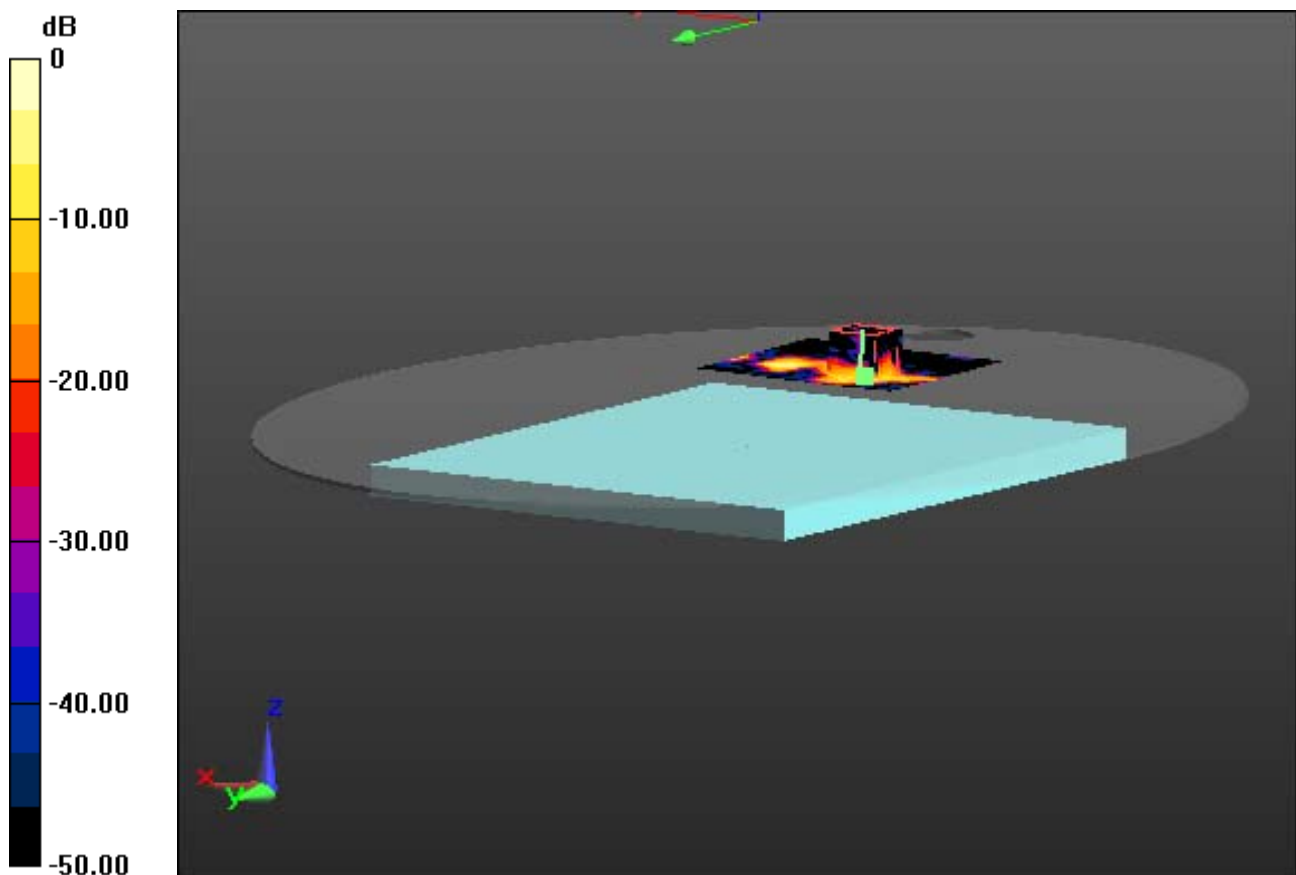
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.718 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.332$ S/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-21; Ambient Temp: 20.9; Tissue Temp: 21.4

Touch from Body, Rear, W-LAN(802.11a 5.3G) Ch.52,

Ant Internal, Ant.2

With Enlarge plot Image

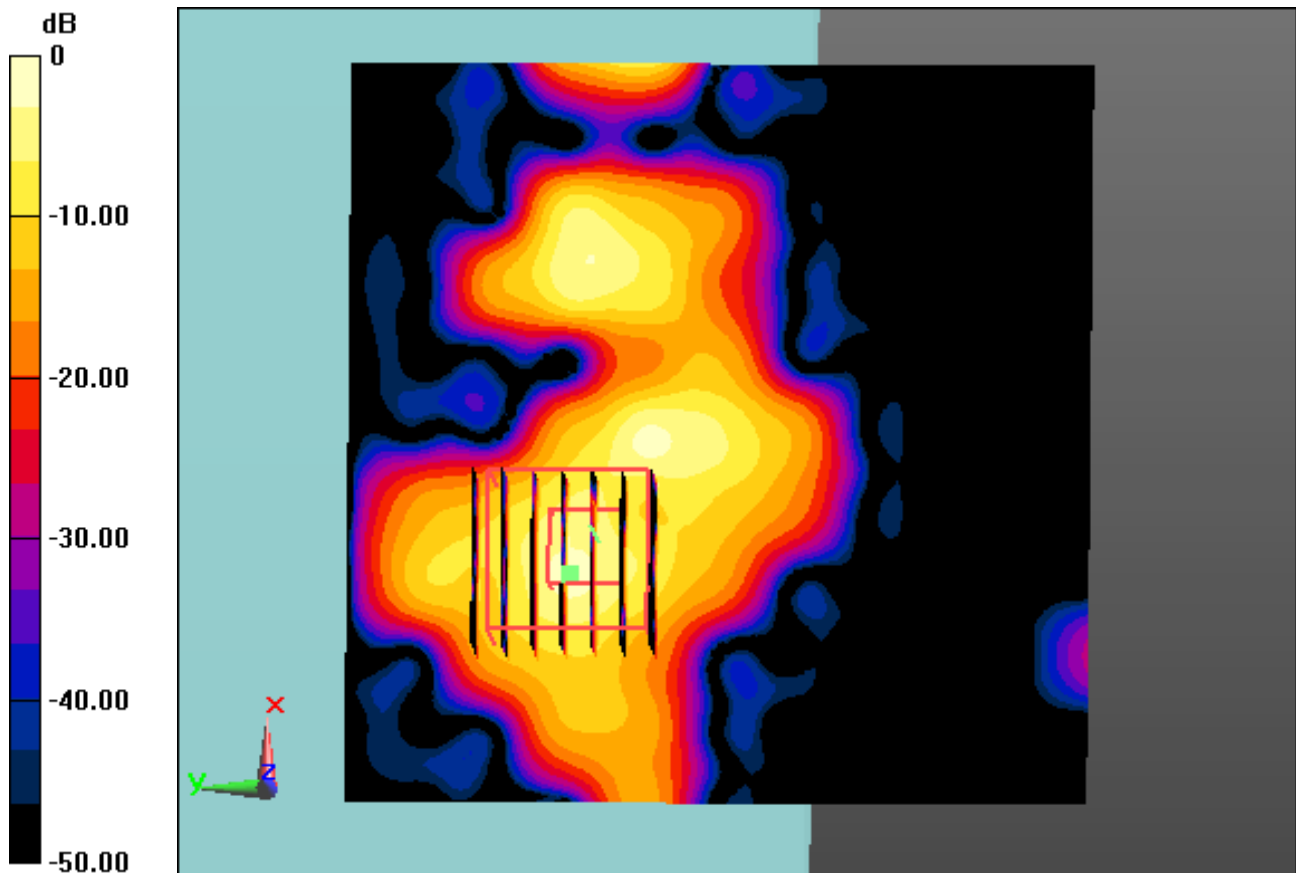
Area Scan (101x101x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm

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

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0 dB = 0.718 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.332$ S/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-21; Ambient Temp: 20.9; Tissue Temp: 21.4

Touch from Body, Rear, W-LAN(802.11a 5.3G) Ch.52,

Ant Internal, Ant.2

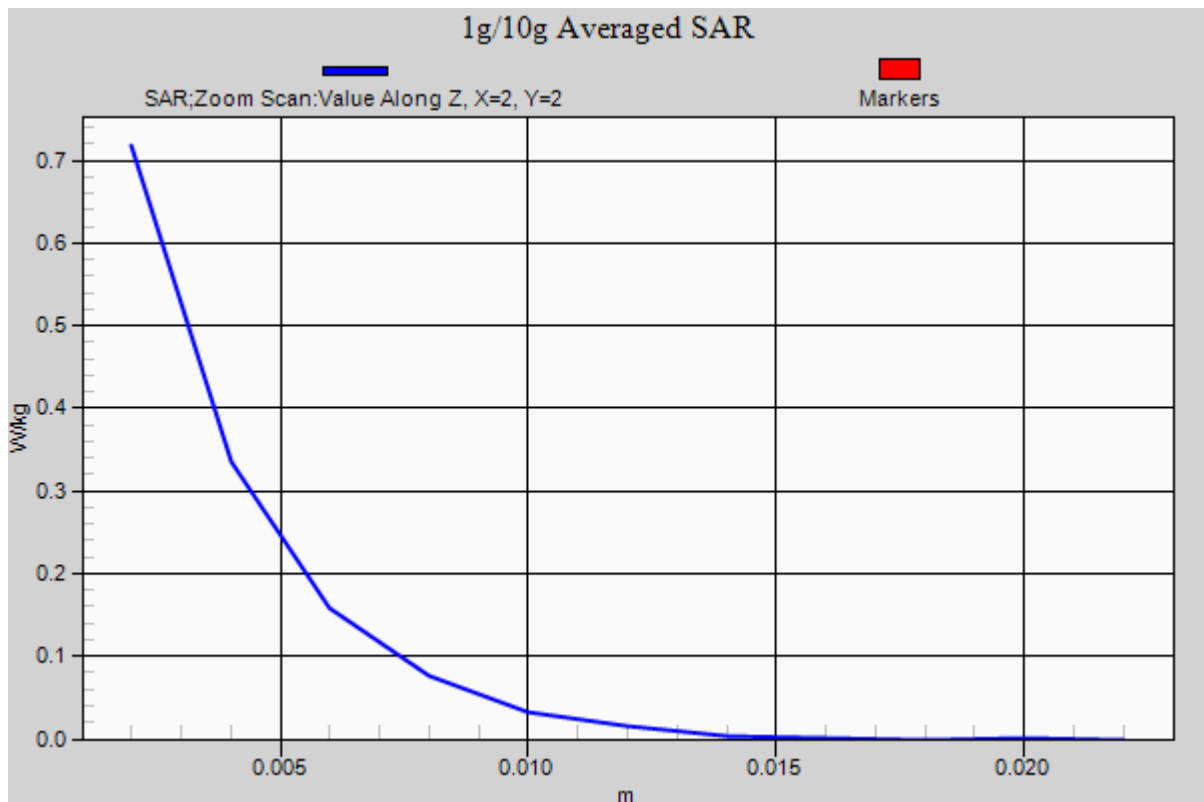
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.047 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.65 \text{ S/m}$; $\epsilon_r = 48.298$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11a 5.5G) Ch.116,

Ant Internal, Ant.2

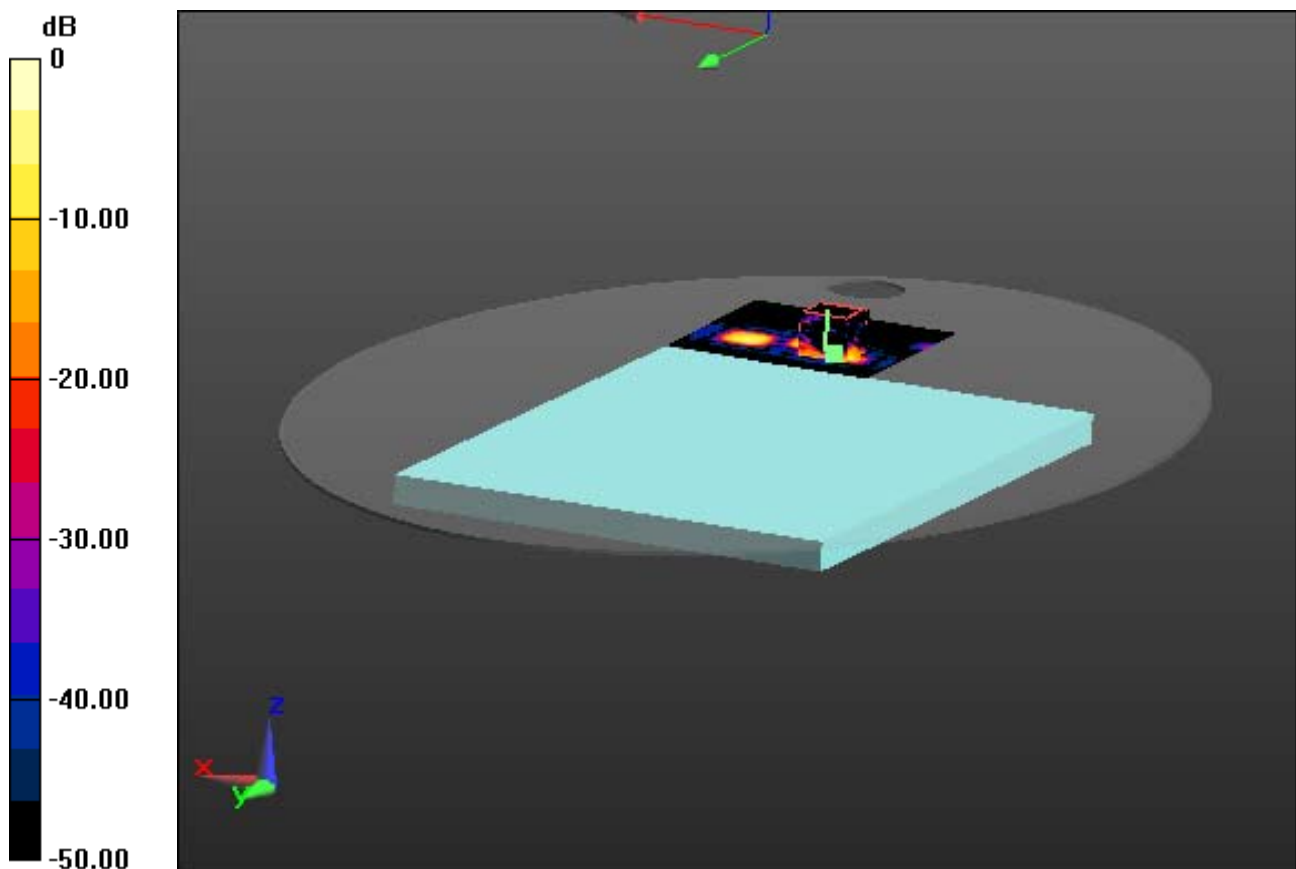
Area Scan (101x101x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.482 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.65 \text{ S/m}$; $\epsilon_r = 48.298$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11a 5.5G) Ch.116,

Ant Internal, Ant.2

With Enlarge plot Image

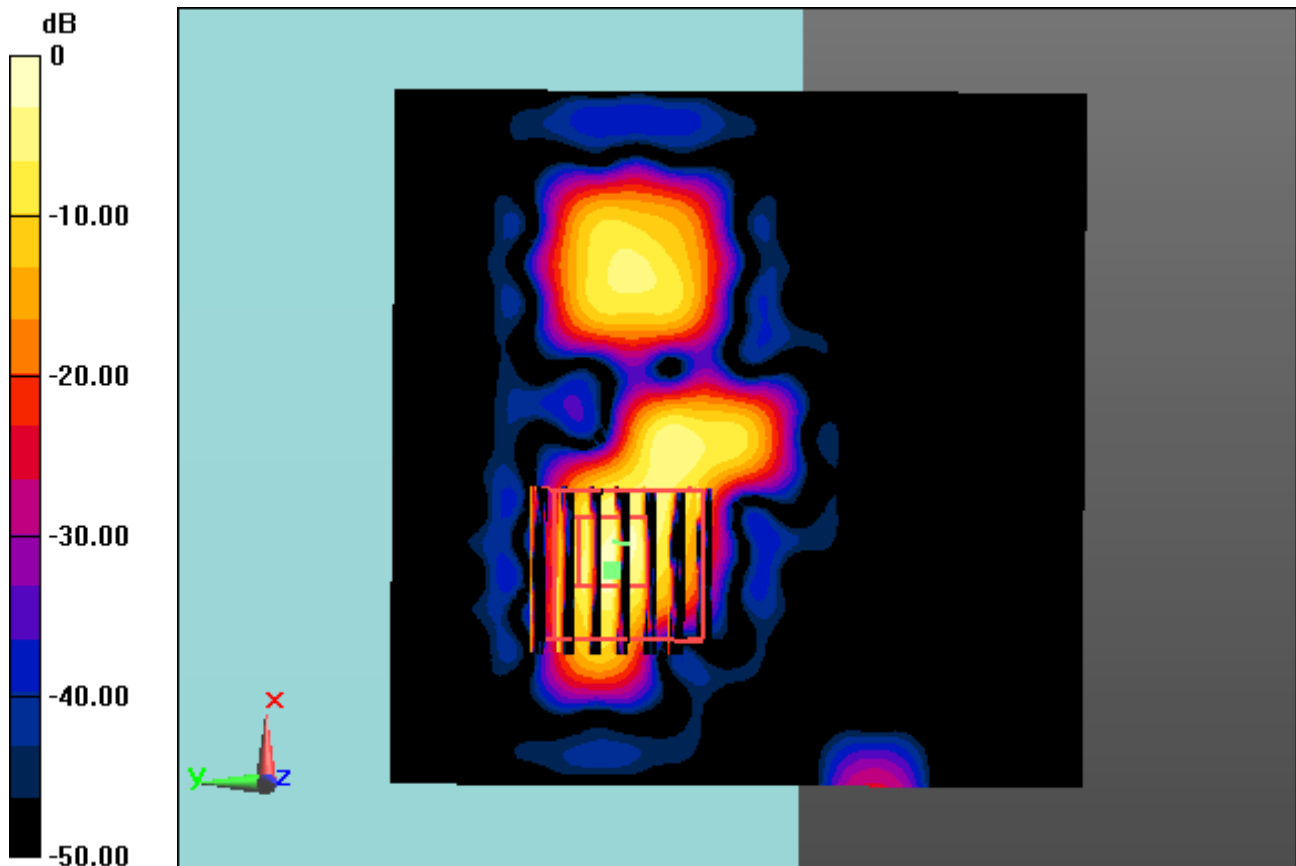
Area Scan (101x101x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.13 dB

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DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.65$ S/m; $\epsilon_r = 48.298$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-22; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11a 5.5G) Ch.116,

Ant Internal, Ant.2

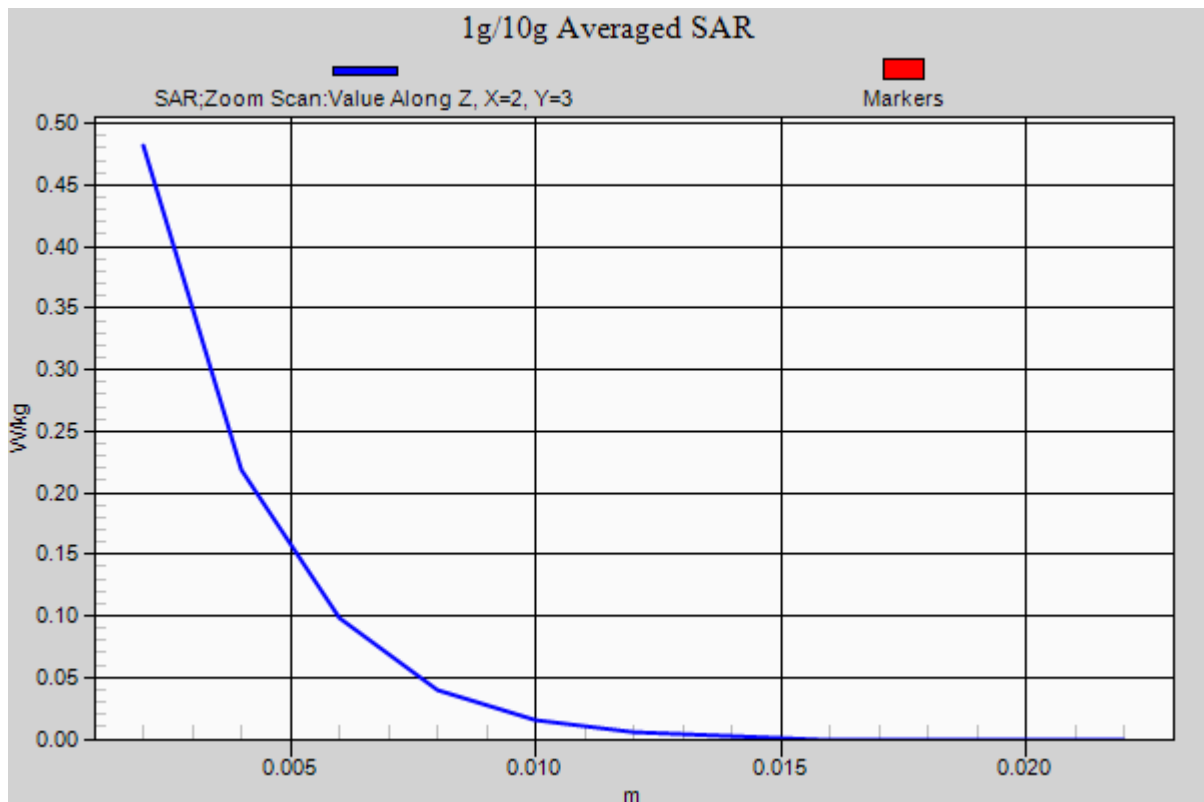
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.027 W/kg



DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.757$ S/m; $\epsilon_r = 47.148$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-23; Ambient Temp: 21.4; Tissue Temp: 21.9

Touch from Body, Rear, W-LAN(802.11a 5.8G) Ch.149,

Ant Internal, Ant.2

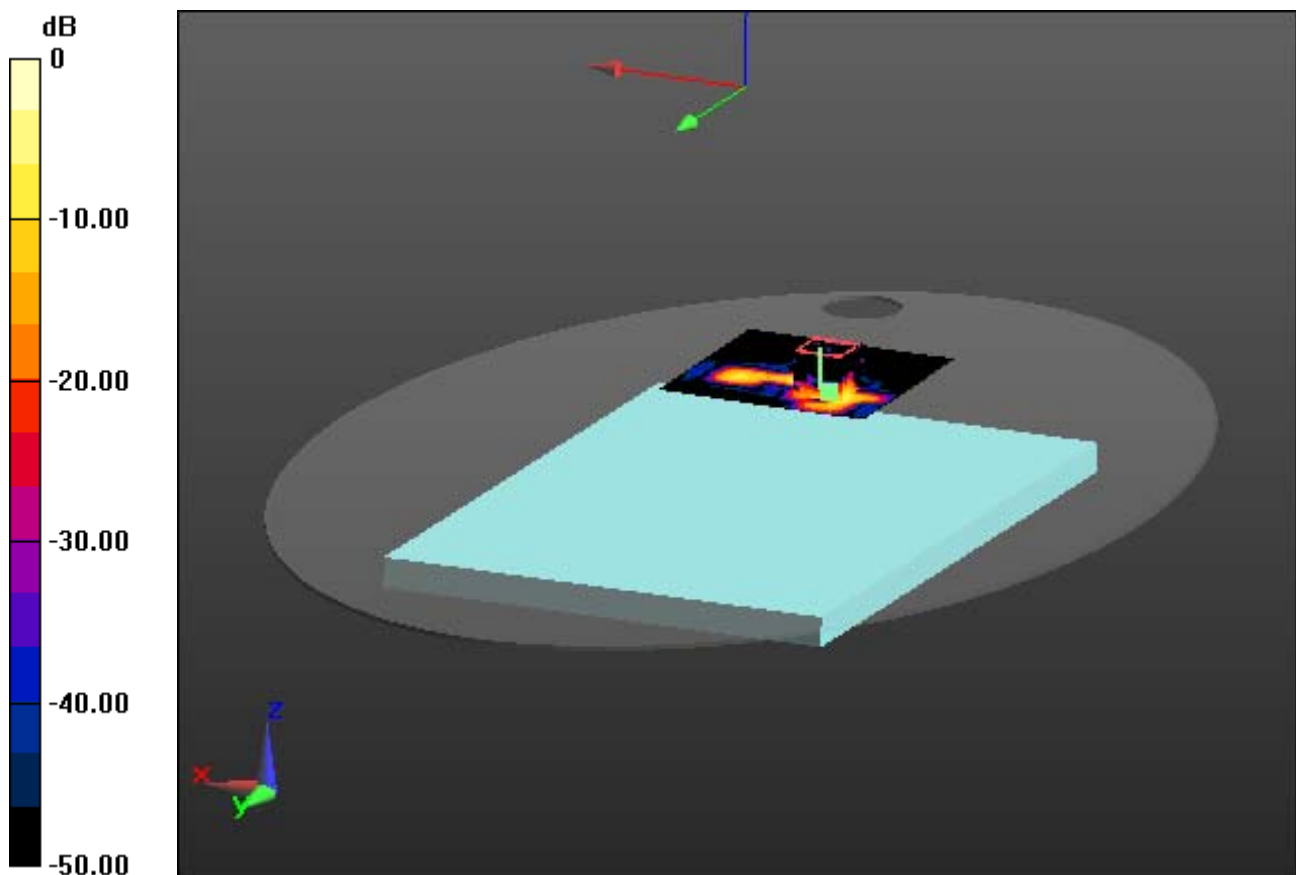
Area Scan (101x101x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.920 W/kg

DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.757$ S/m; $\epsilon_r = 47.148$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-23; Ambient Temp: 21.4; Tissue Temp: 21.9

Touch from Body, Rear, W-LAN(802.11a 5.8G) Ch.149,

Ant Internal, Ant.2

With Enlarge plot Image

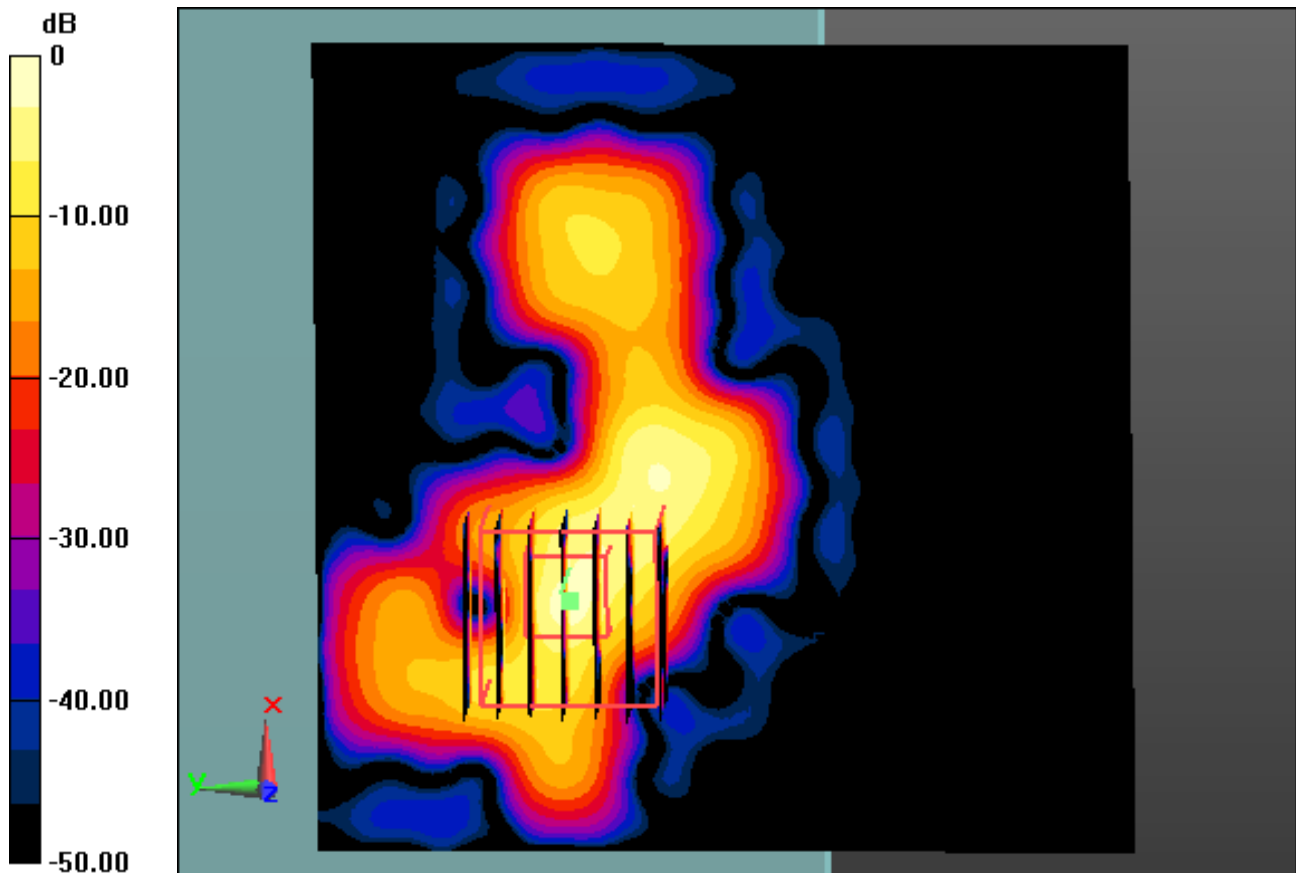
Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.12 dB

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DT&C Co., Ltd.

DUT: LG13Z94; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.757$ S/m; $\epsilon_r = 47.148$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 05/20/2014; Electronics: DAE4 Sn1396
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-04-23; Ambient Temp: 21.4; Tissue Temp: 21.9

Touch from Body, Rear, W-LAN(802.11a 5.8G) Ch.149,

Ant Internal, Ant.2

Area Scan (101x101x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.12 dB

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