

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.974$ S/m; $\epsilon_r = 51.139$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp: 20.9; Tissue Temp: 21.3

2450 MHz System Verification

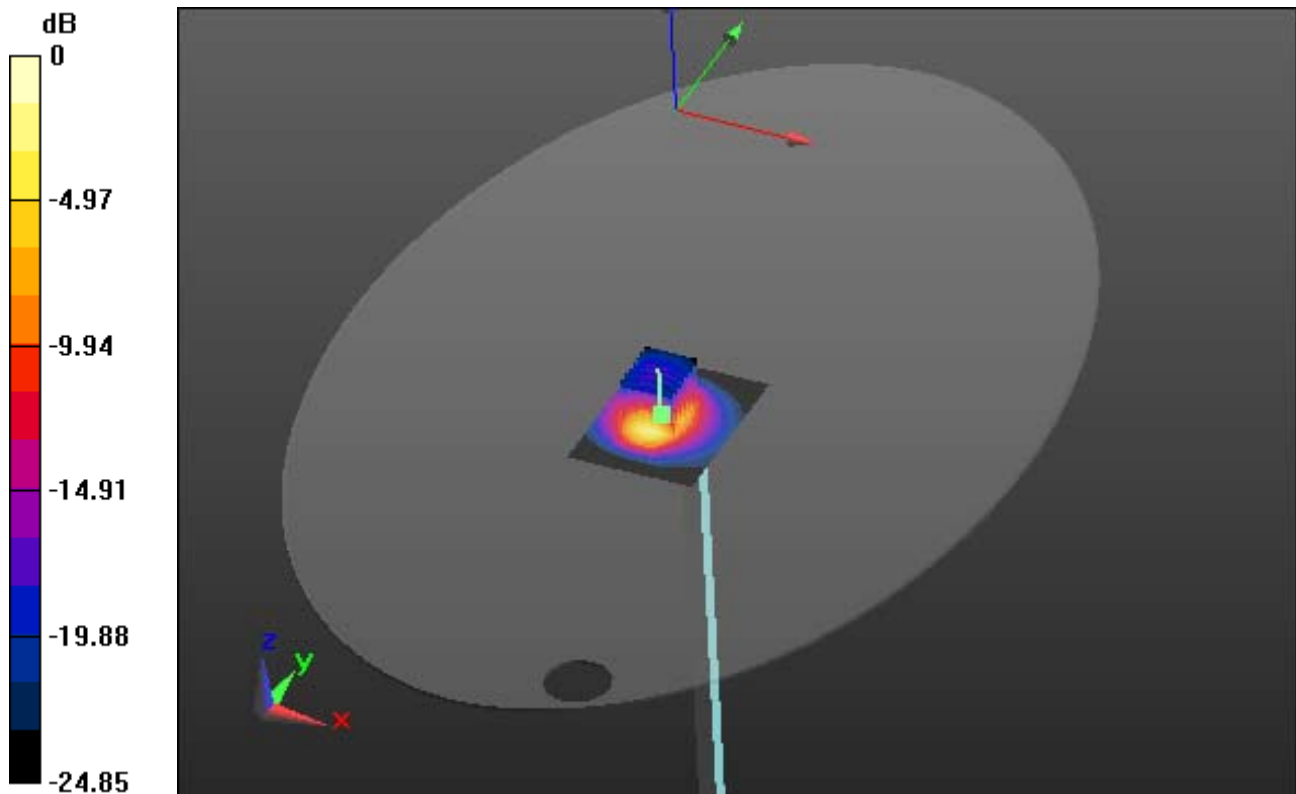
Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.03 W/kg



0 dB = 20.2 W/kg

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.974$ S/m; $\epsilon_r = 51.139$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp: 20.9; Tissue Temp: 21.3

2450 MHz System Verification

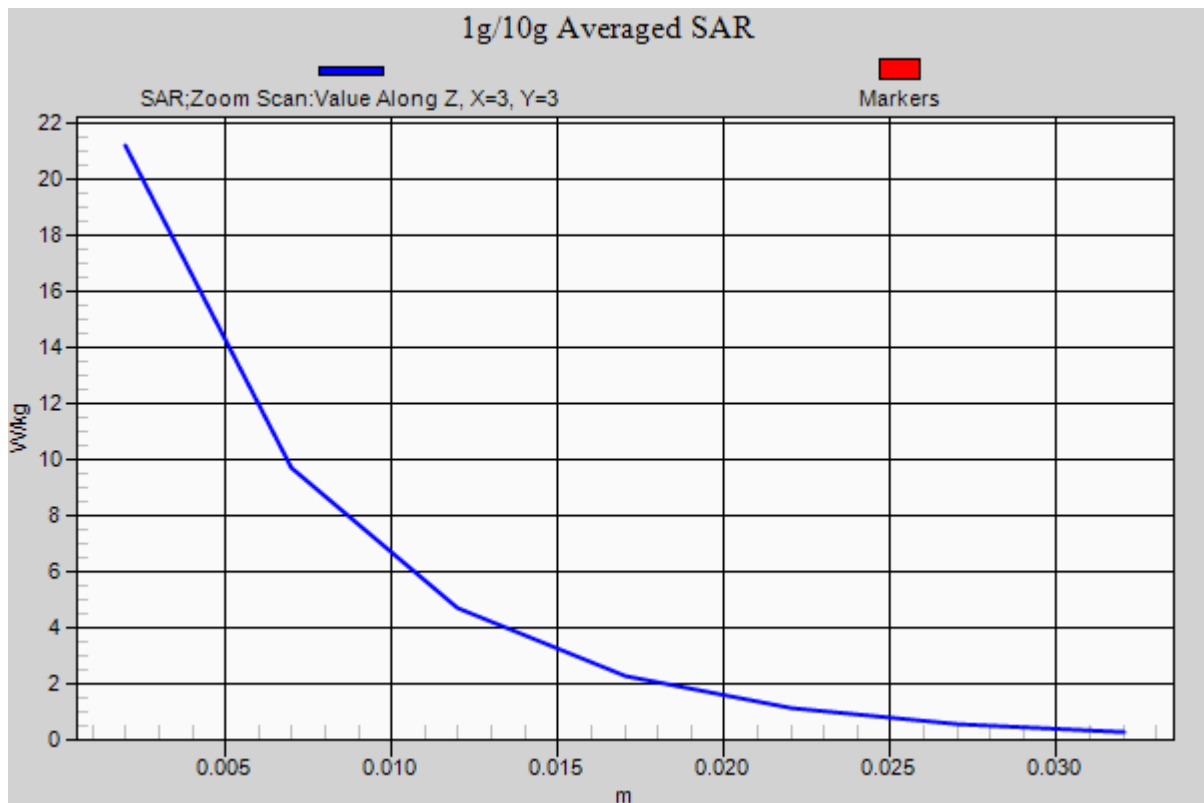
Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.03 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.244$ S/m; $\epsilon_r = 49.485$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396

Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223

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

Test Date: 2015-12-17; Ambient Temp: 20.5; Tissue Temp: 21.0

5200 MHz System Verification

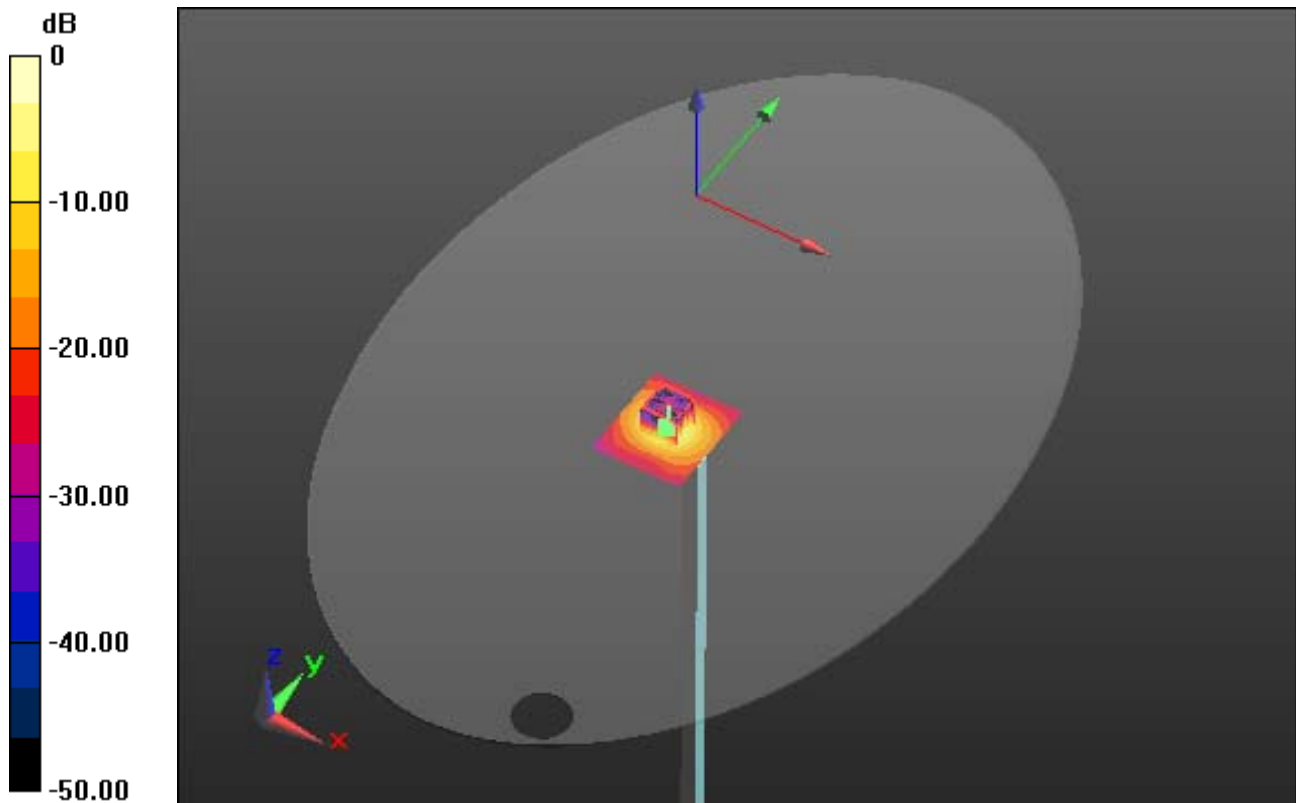
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.17 W/kg



0 dB = 15.4 W/kg

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.244$ S/m; $\epsilon_r = 49.485$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396

Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223

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

Test Date: 2015-12-17; Ambient Temp: 20.5; Tissue Temp: 21.0

5200 MHz System Verification

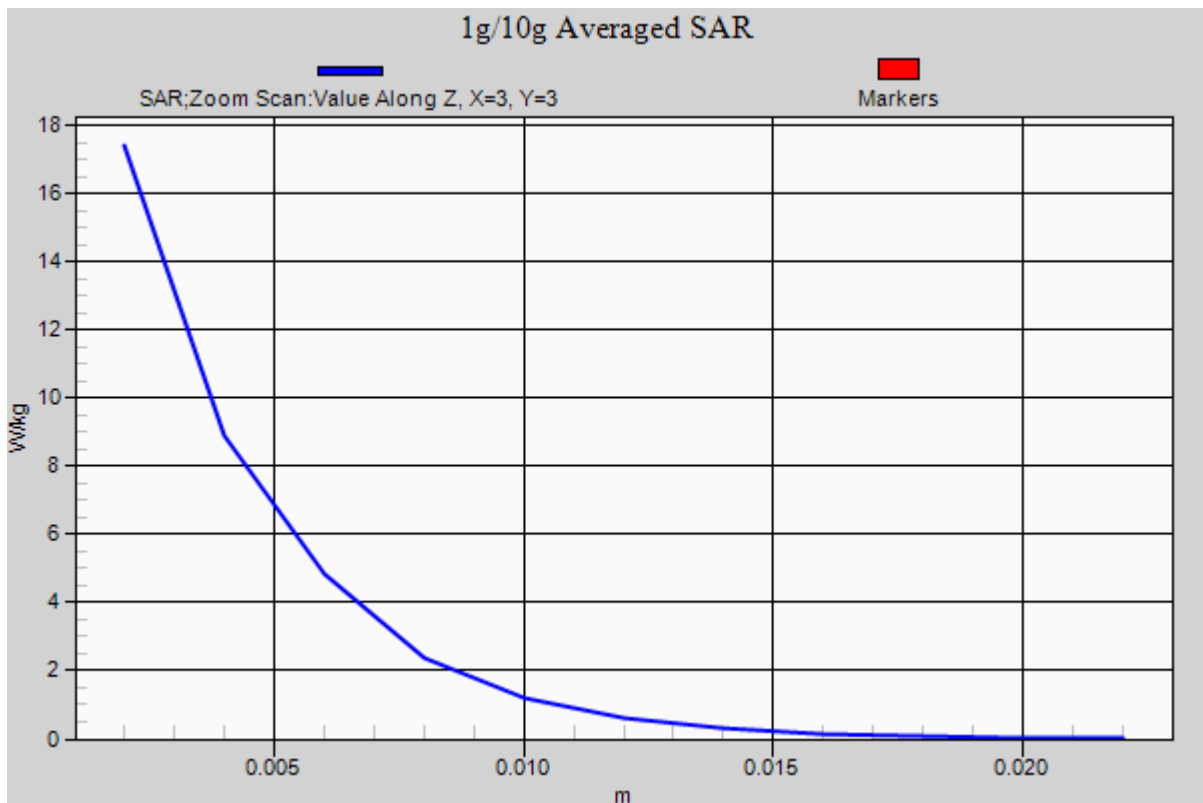
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.17 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; $\sigma = 5.378$ S/m; $\epsilon_r = 49.307$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.65, 4.65, 4.65); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396

Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223

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

Test Date: 2015-12-17; Ambient Temp: 20.5; Tissue Temp: 21.0

5300 MHz System Verification

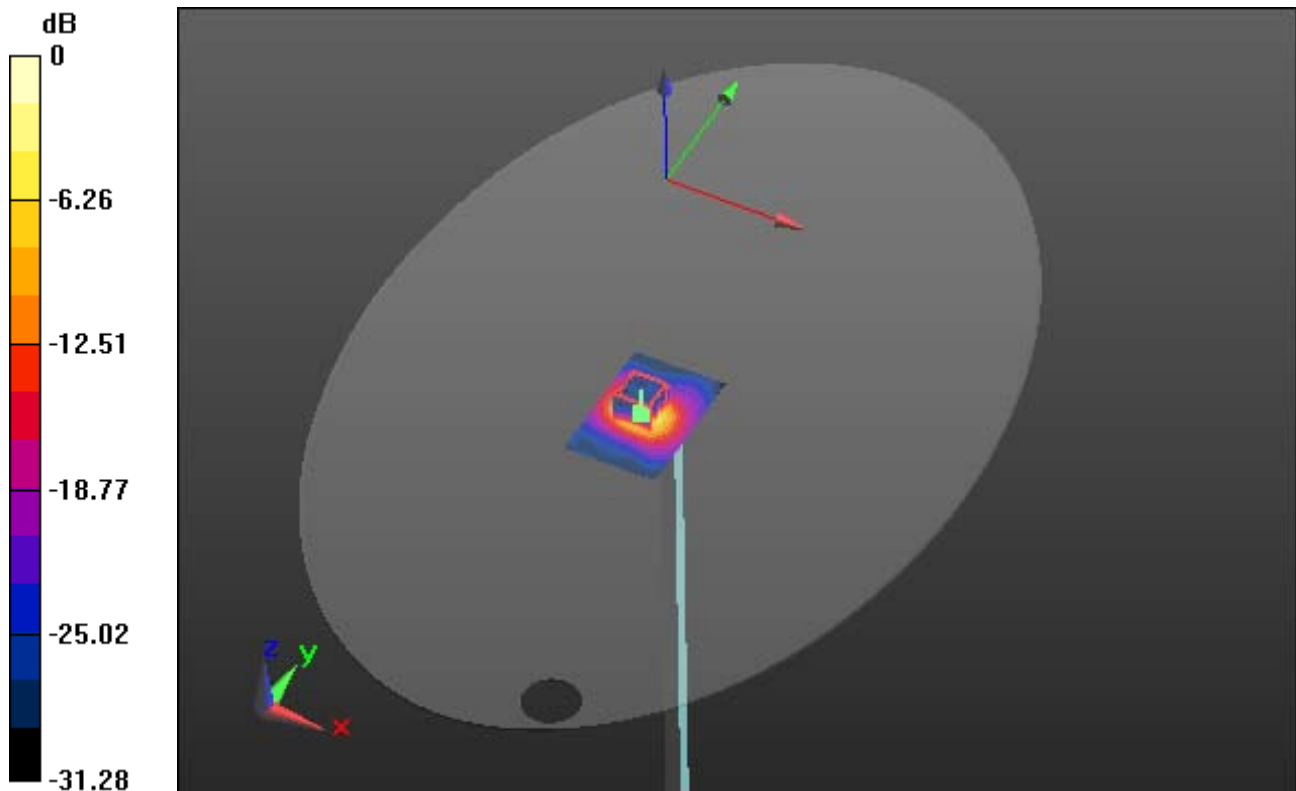
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 36.1 W/kg

SAR(1 g) = 7.22 W/kg; SAR(10 g) = 2.06 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 (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 49.307$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.65, 4.65, 4.65); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp: 20.5; Tissue Temp: 21.0

5300 MHz System Verification

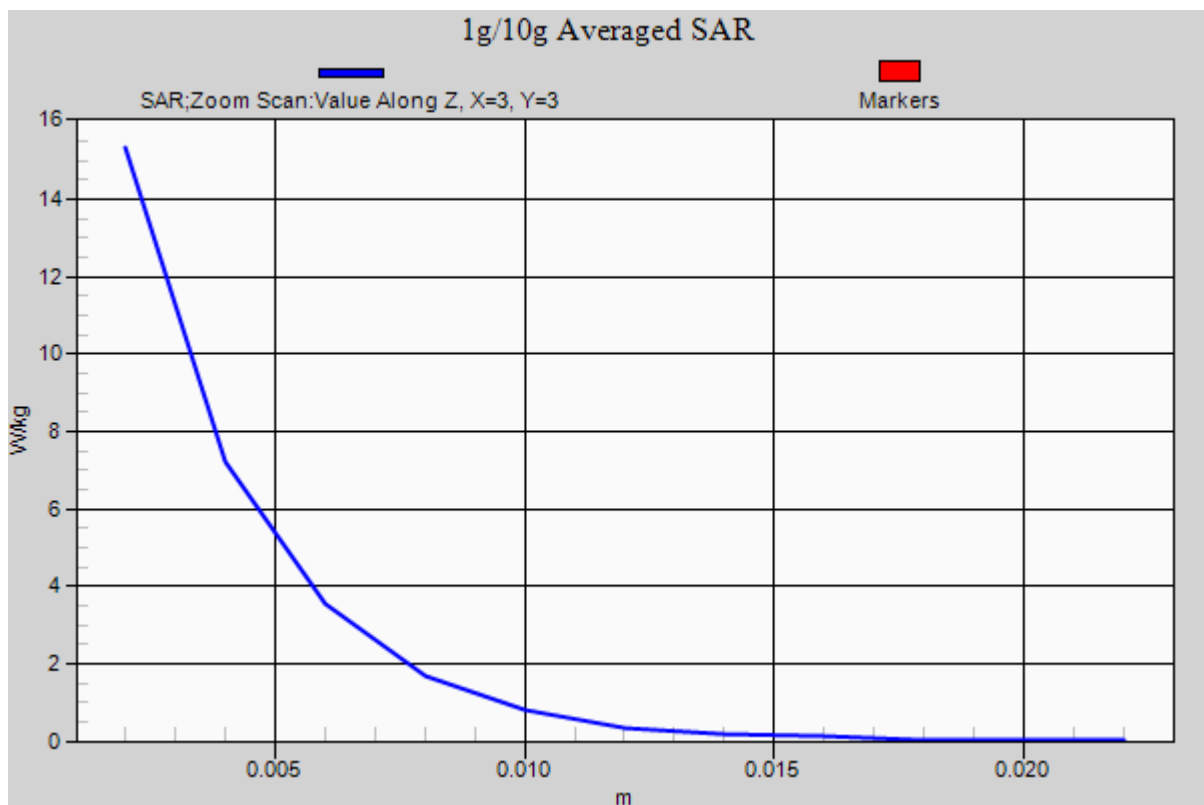
Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 36.1 W/kg

SAR(1 g) = 7.22 W/kg; SAR(10 g) = 2.06 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.594$ S/m; $\epsilon_r = 48.319$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.26, 4.26, 4.26); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396

Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223

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

Test Date: 2015-12-18; Ambient Temp: 20.7; Tissue Temp: 20.9

5500 MHz System Verification

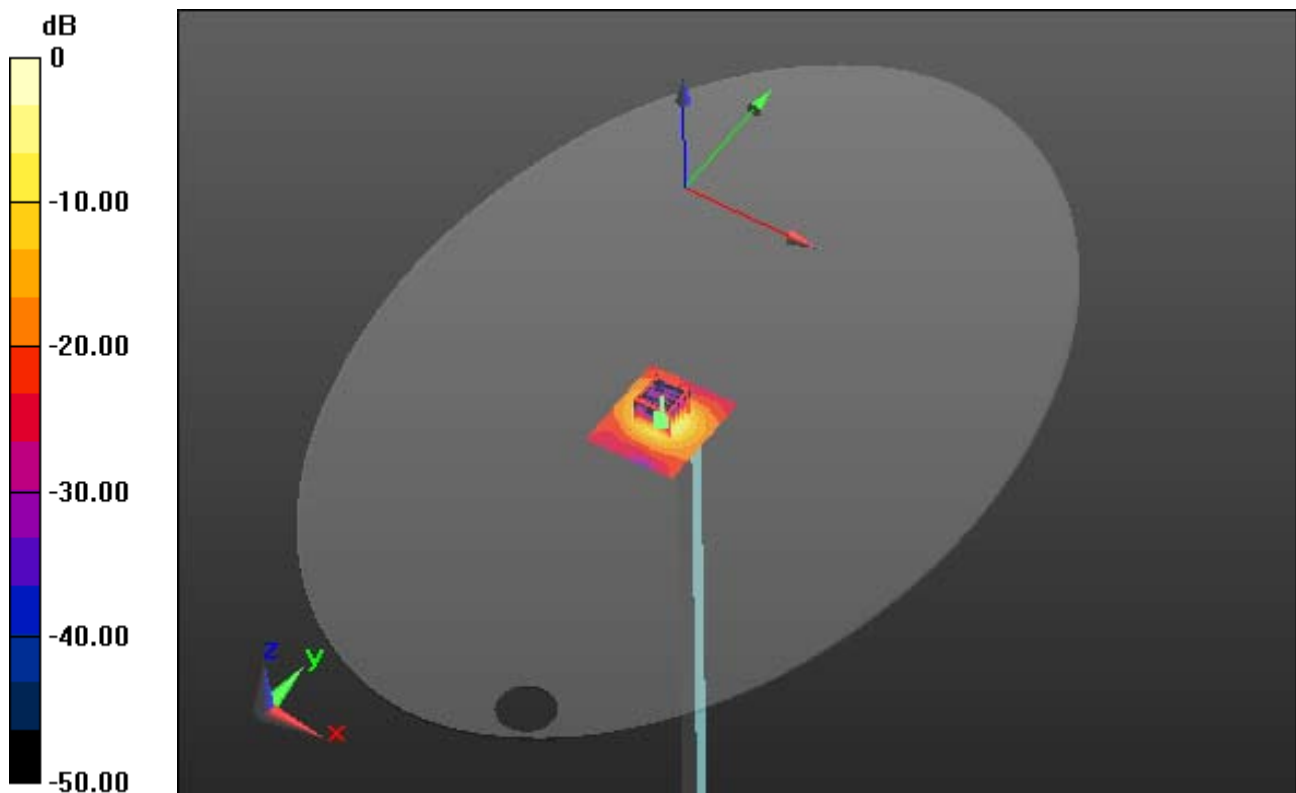
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 36.2 W/kg

SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.15 W/kg



0 dB = 16.1 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.594$ S/m; $\epsilon_r = 48.319$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.26, 4.26, 4.26); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396

Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223

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

Test Date: 2015-12-18; Ambient Temp: 20.7; Tissue Temp: 20.9

5500 MHz System Verification

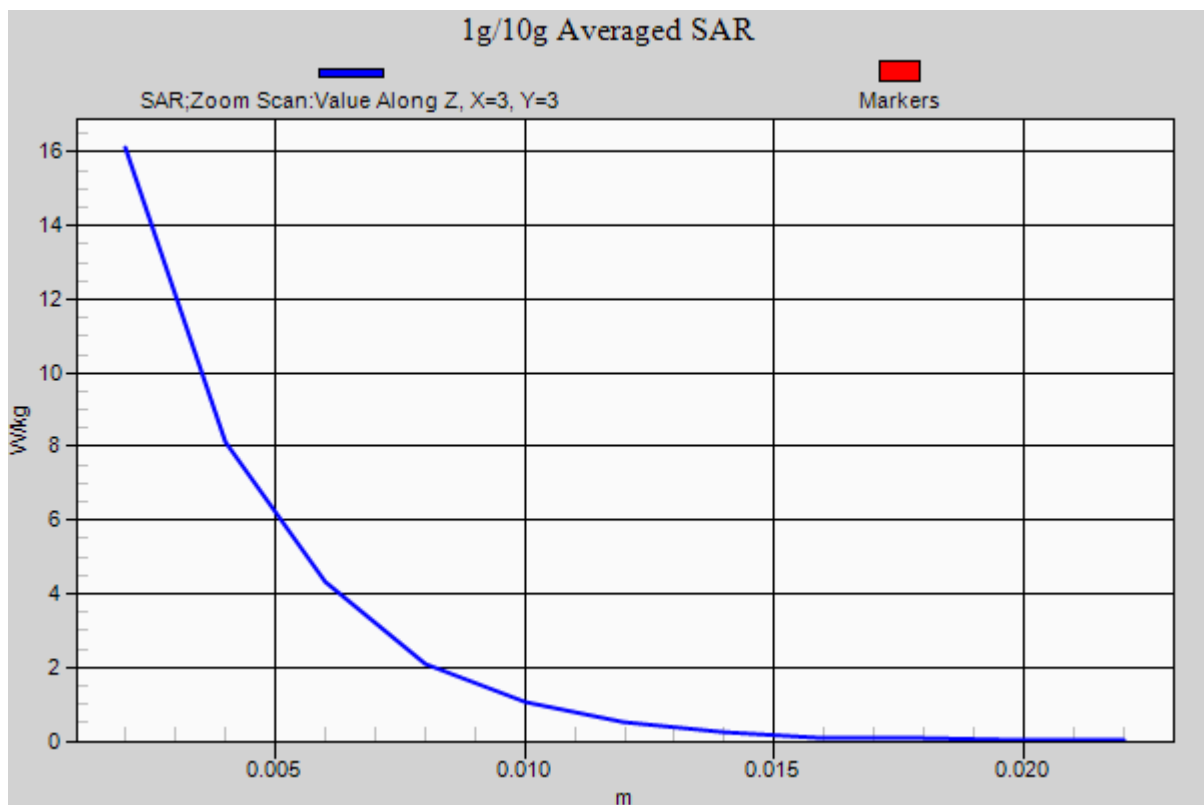
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 36.2 W/kg

SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.15 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; $\sigma = 5.733$ S/m; $\epsilon_r = 48.145$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.98, 3.98, 3.98); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396

Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223

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

Test Date: 2015-12-18; Ambient Temp: 20.7; Tissue Temp: 20.9

5600 MHz System Verification

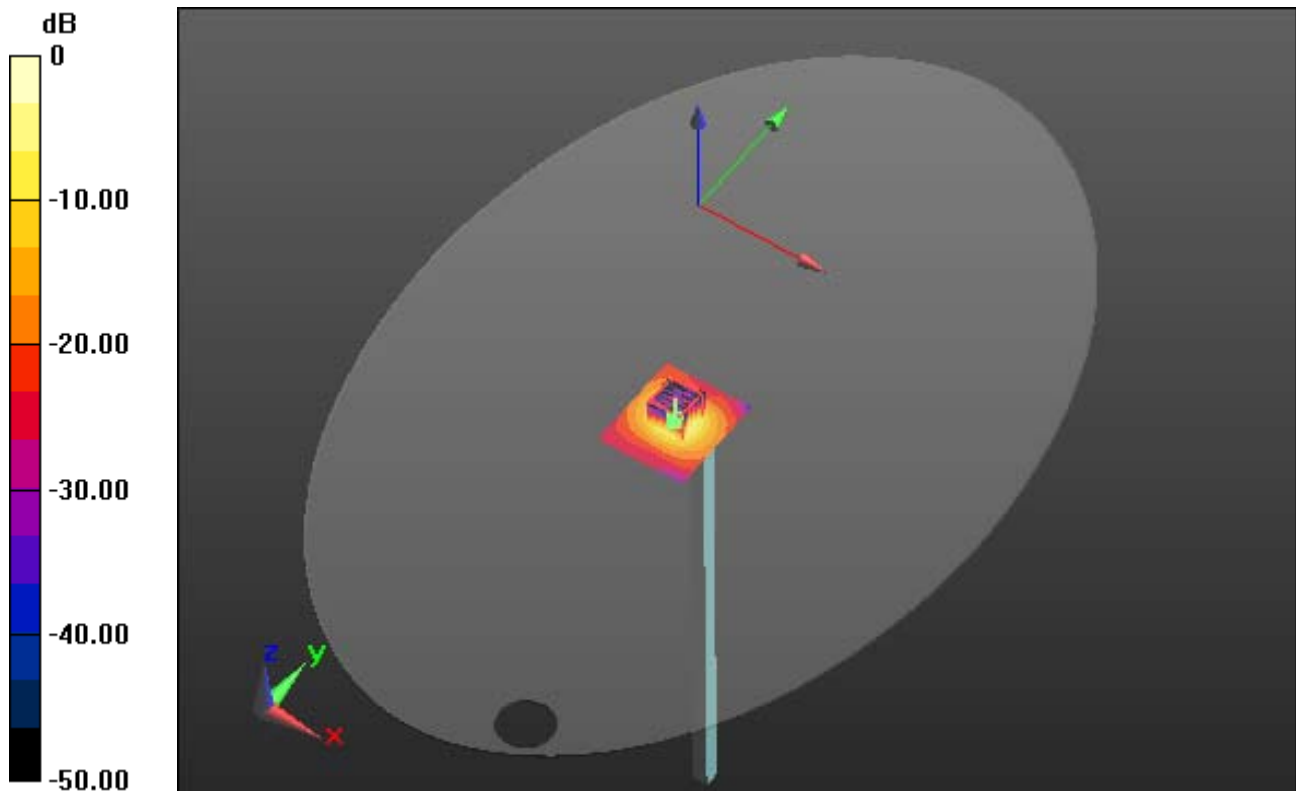
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 37.2 W/kg

SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.2 W/kg



0 dB = 17.2 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; $\sigma = 5.733$ S/m; $\epsilon_r = 48.145$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.98, 3.98, 3.98); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396

Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223

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

Test Date: 2015-12-18; Ambient Temp: 20.7; Tissue Temp: 20.9

5600 MHz System Verification

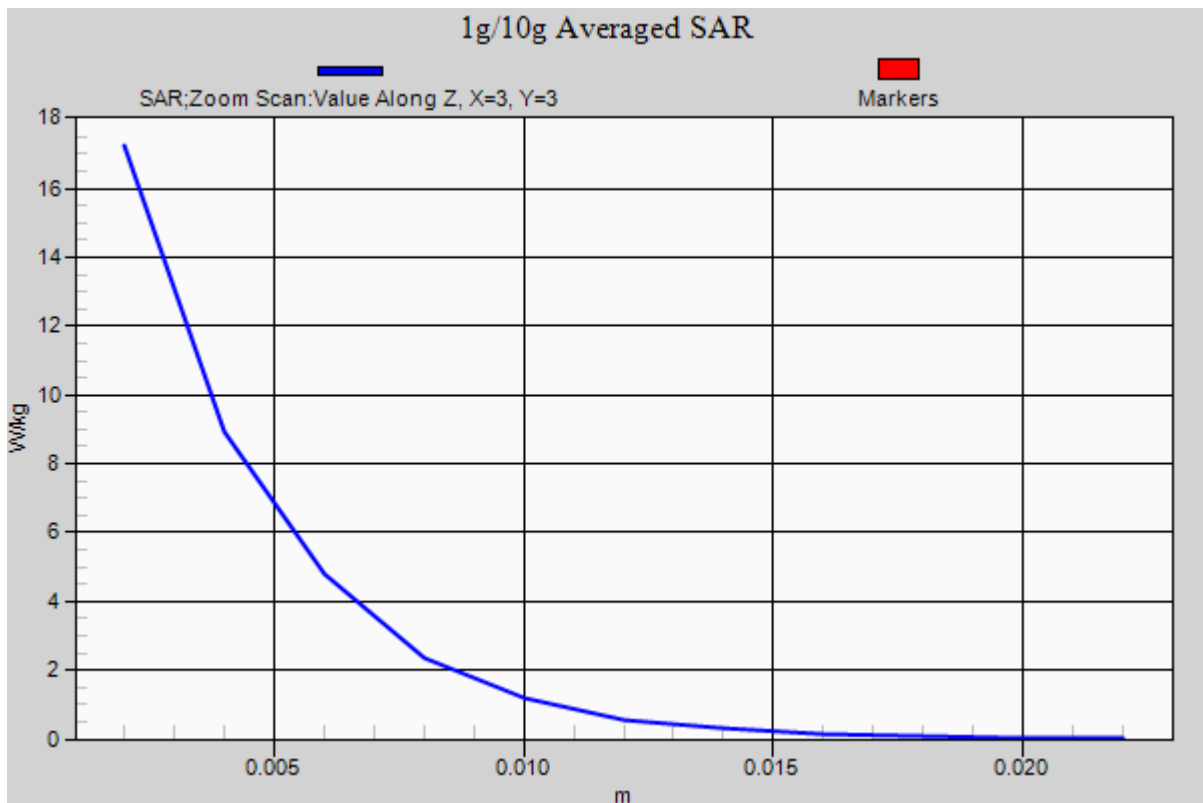
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 37.2 W/kg

SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.2 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; $\sigma = 6.013$ S/m; $\epsilon_r = 47.81$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp: 20.7; Tissue Temp: 20.9

5800 MHz System Verification

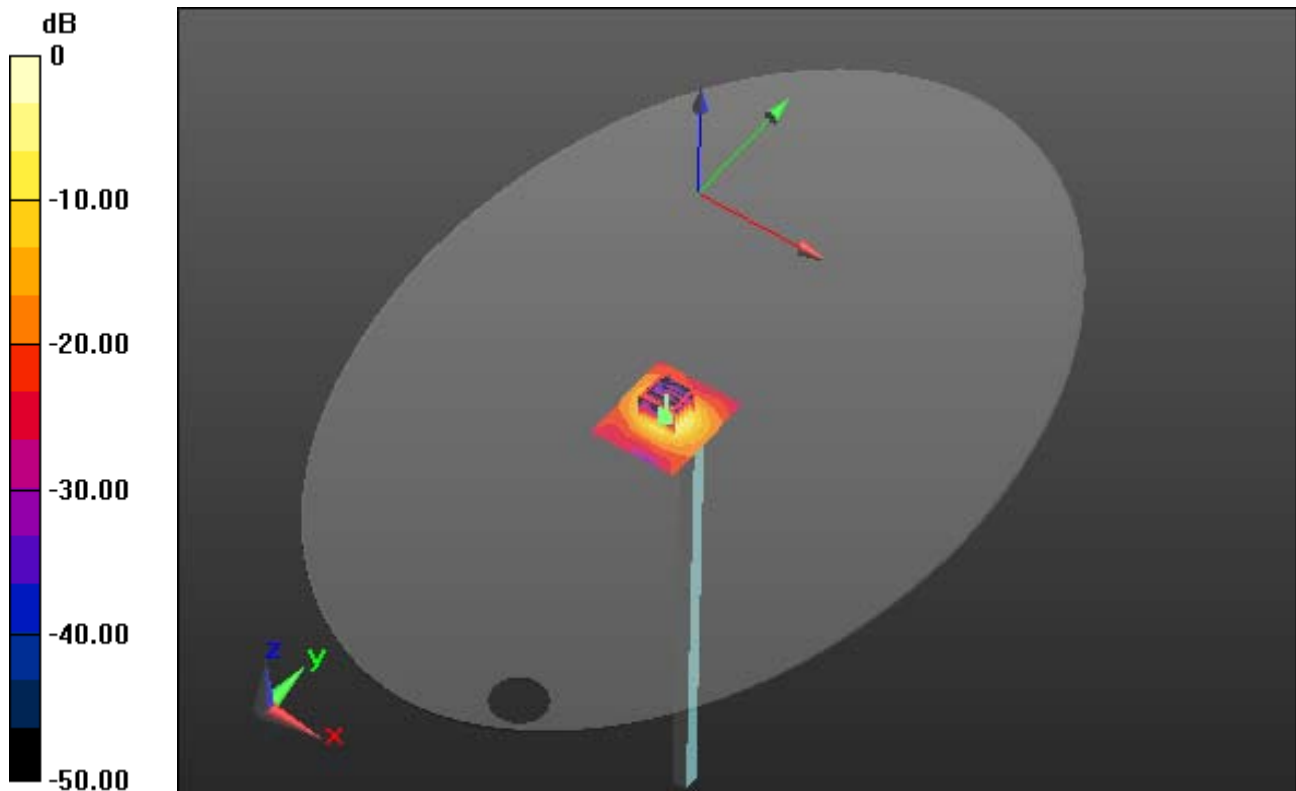
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 7.8 W/kg; SAR(10 g) = 2.12 W/kg



0 dB = 16.4 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; $\sigma = 6.013$ S/m; $\epsilon_r = 47.81$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; ; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp: 20.7; Tissue Temp: 20.9

5800 MHz System Verification

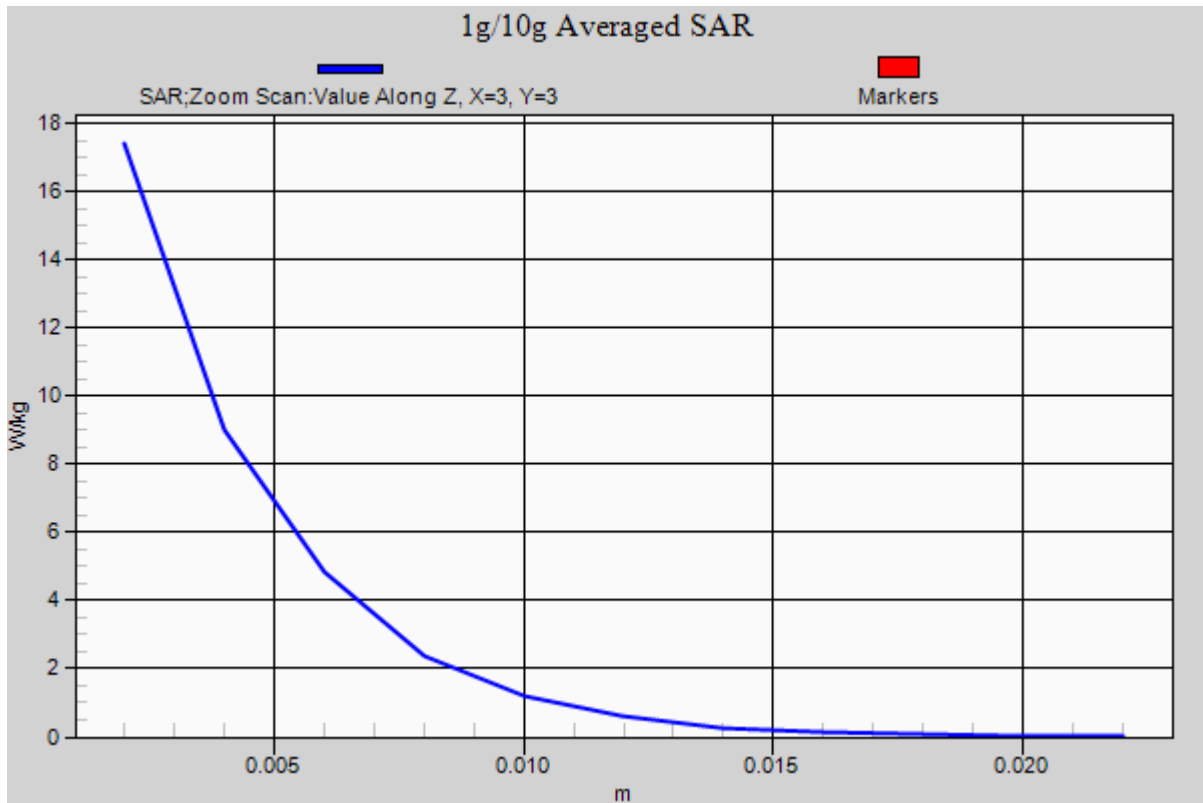
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 7.8 W/kg; SAR(10 g) = 2.12 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant Internal, Main

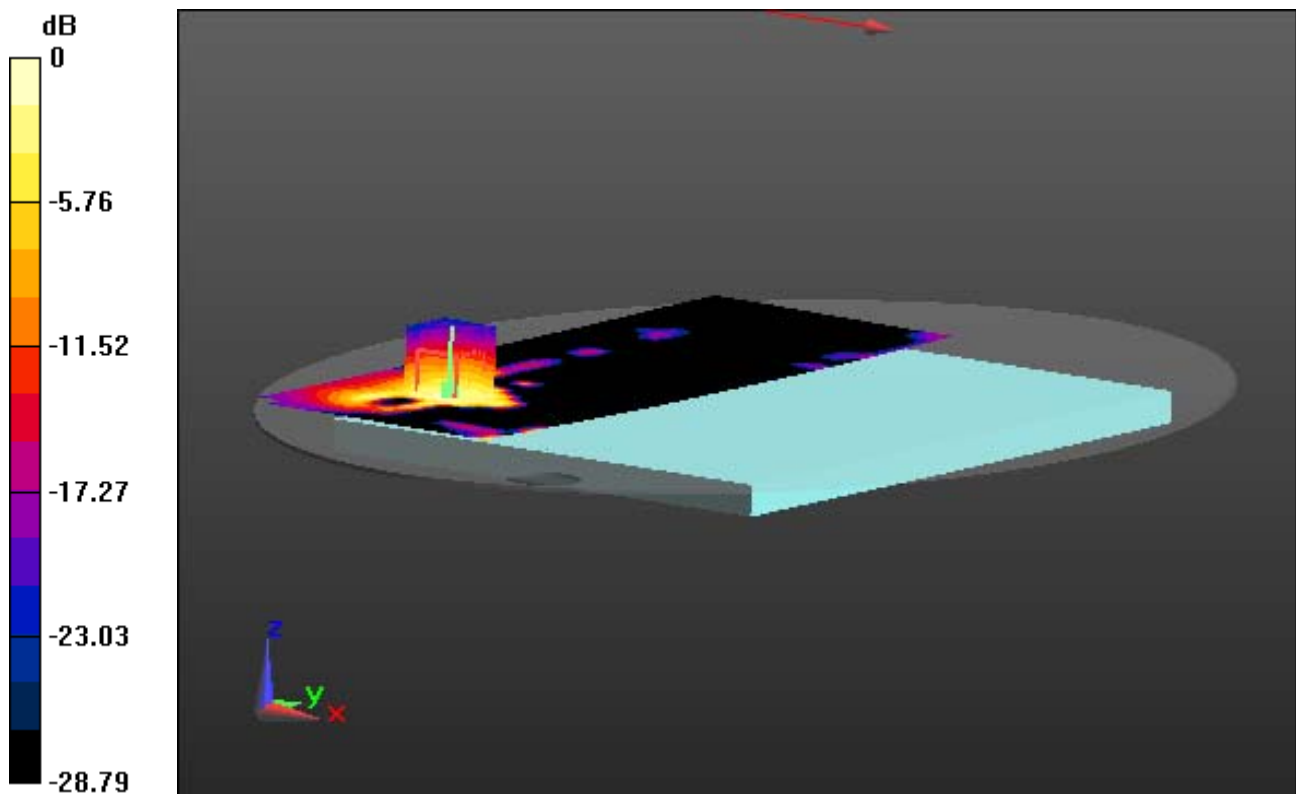
Area Scan (111x331x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.254 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant Internal, Main

With Enlarge Plot image

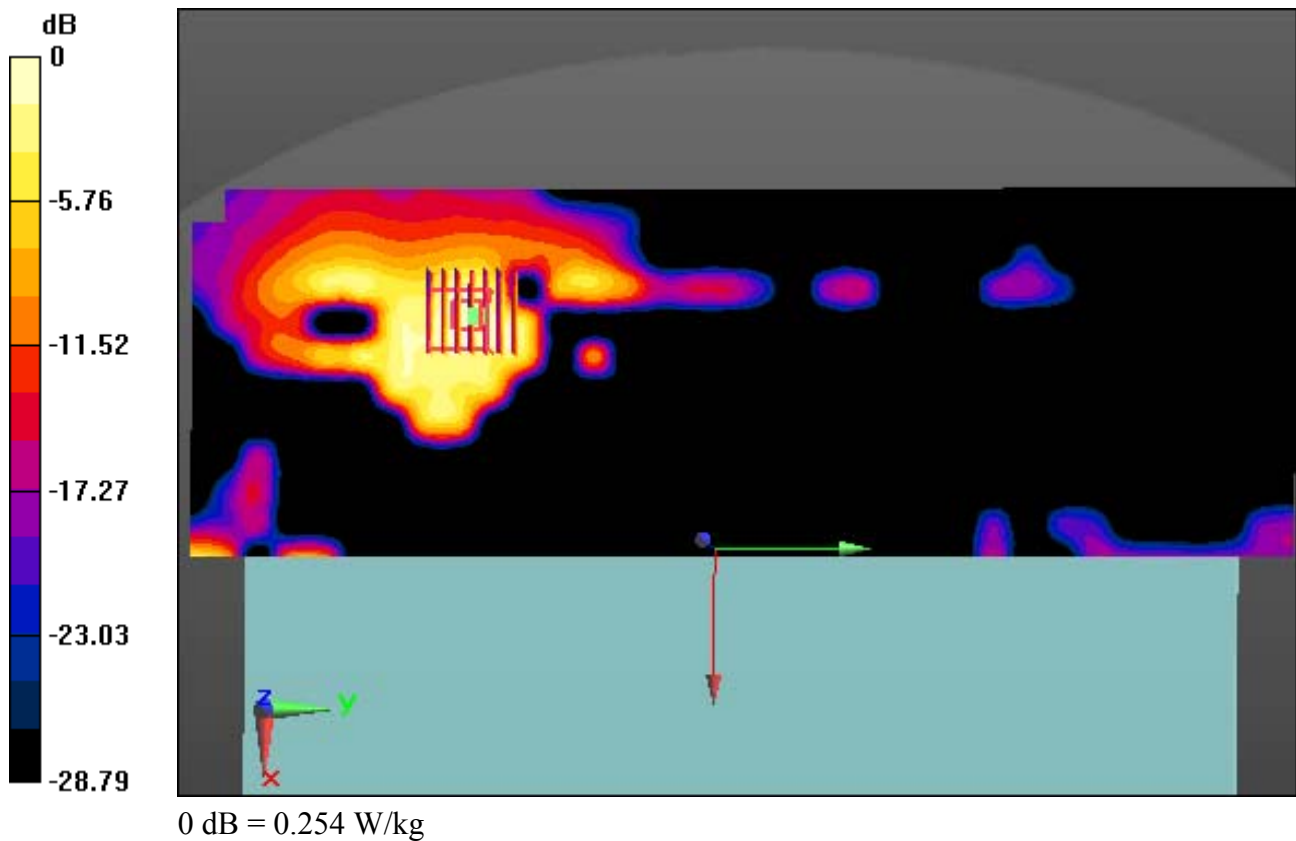
Area Scan (111x331x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.081 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant Internal, Main

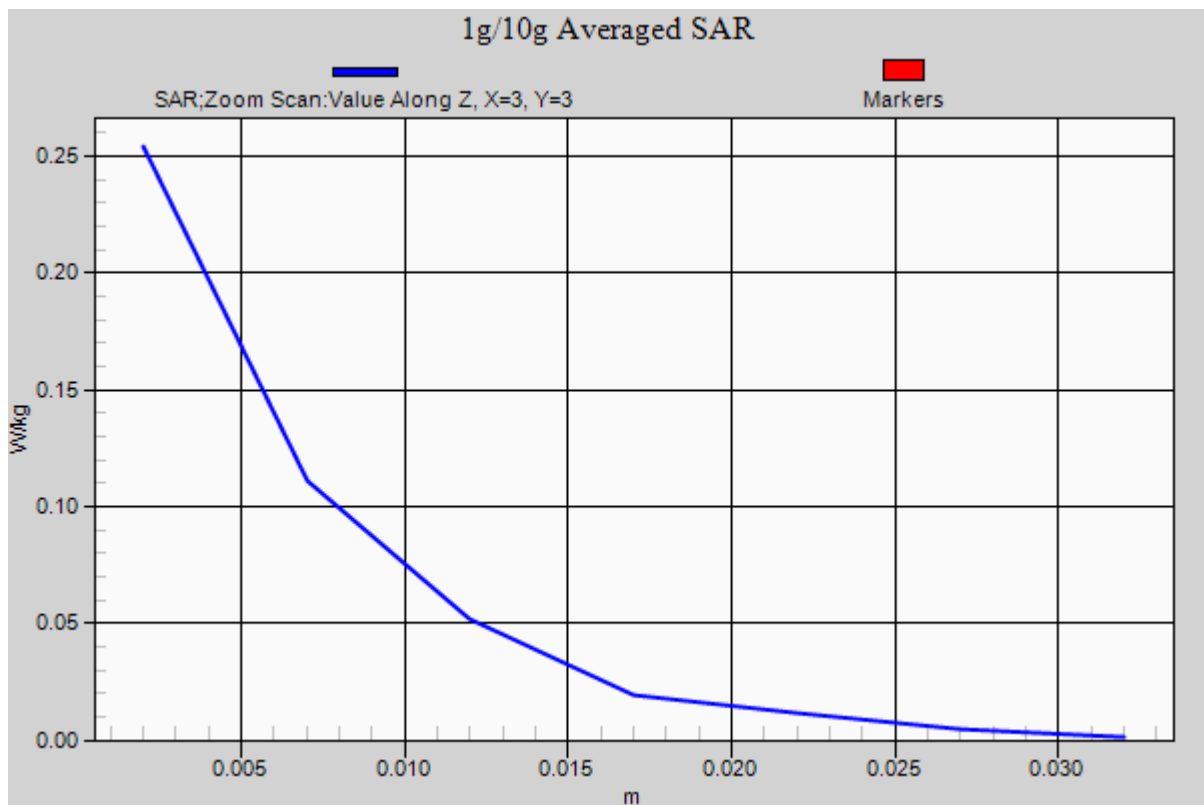
Area Scan (111x331x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.081 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant Internal, Aux

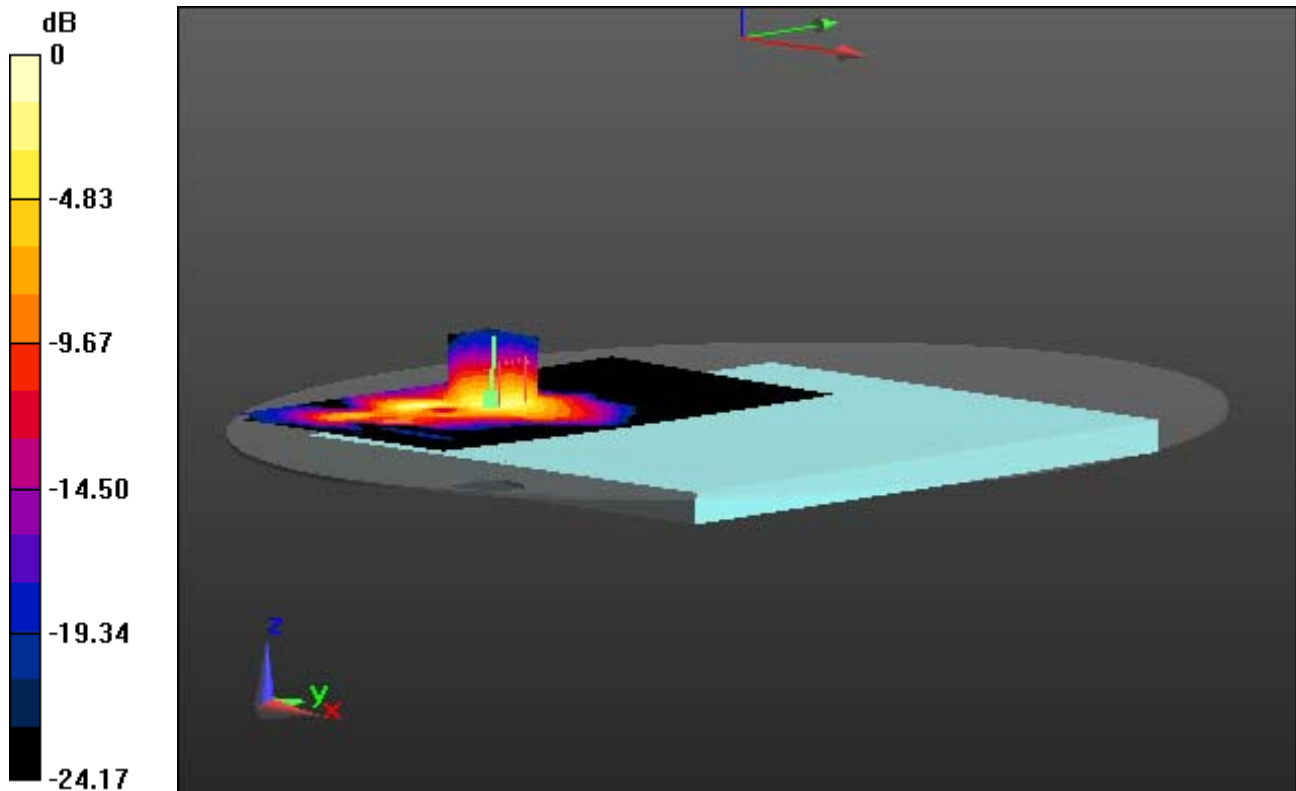
Area Scan (111x251x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.184 W/kg



0 dB = 0.601 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant Internal, Aux

With Enlarge Plot image

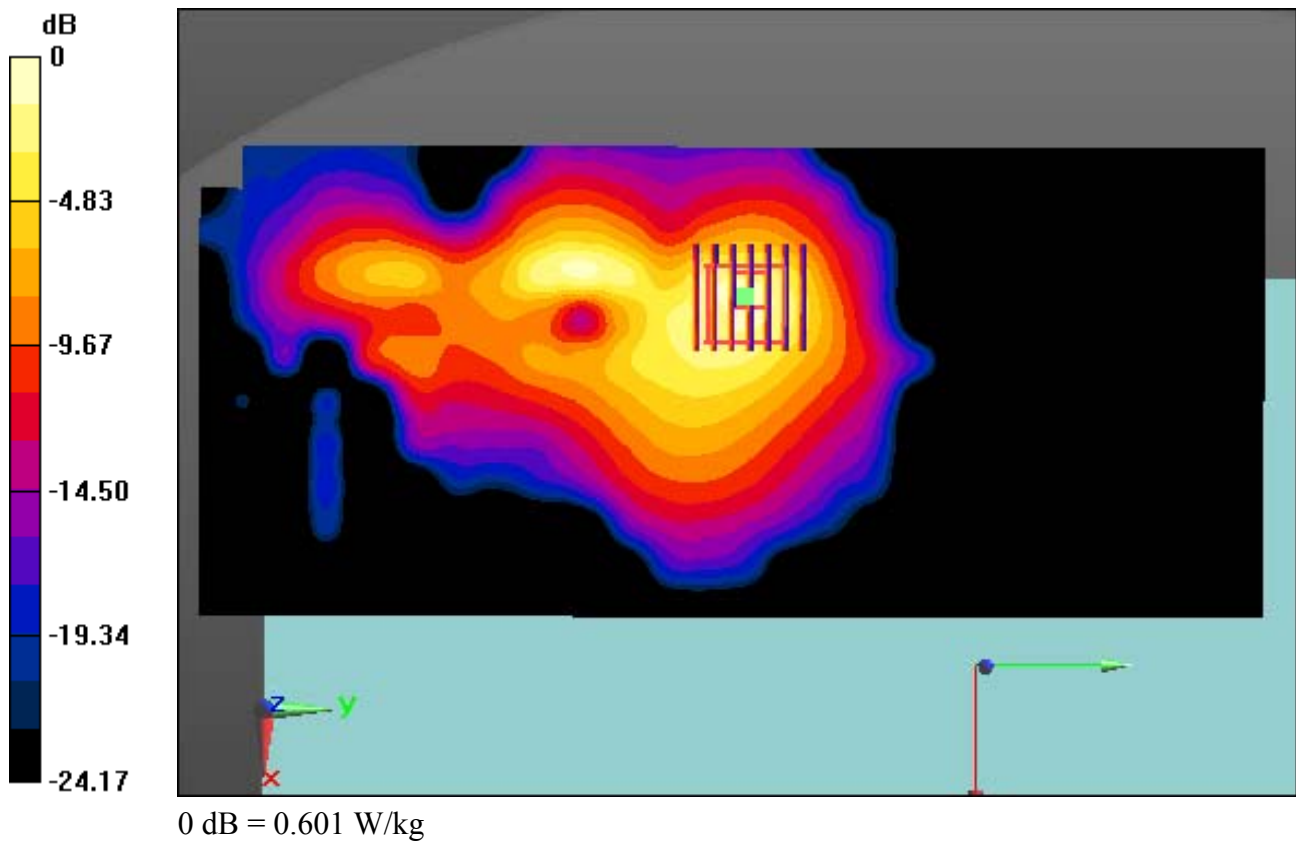
Area Scan (111x251x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.184 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant Internal, Aux

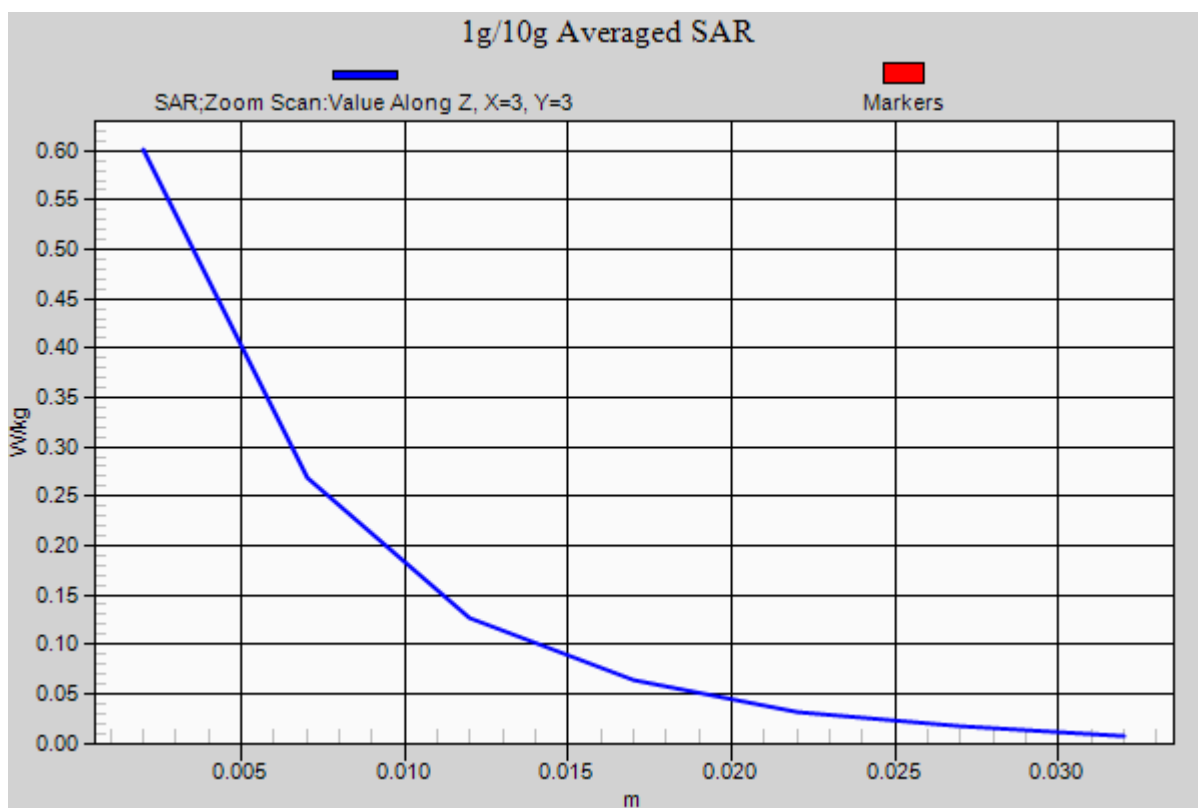
Area Scan (111x251x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.184 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11n HT40) Ch. 6, Ant Internal, MIMO

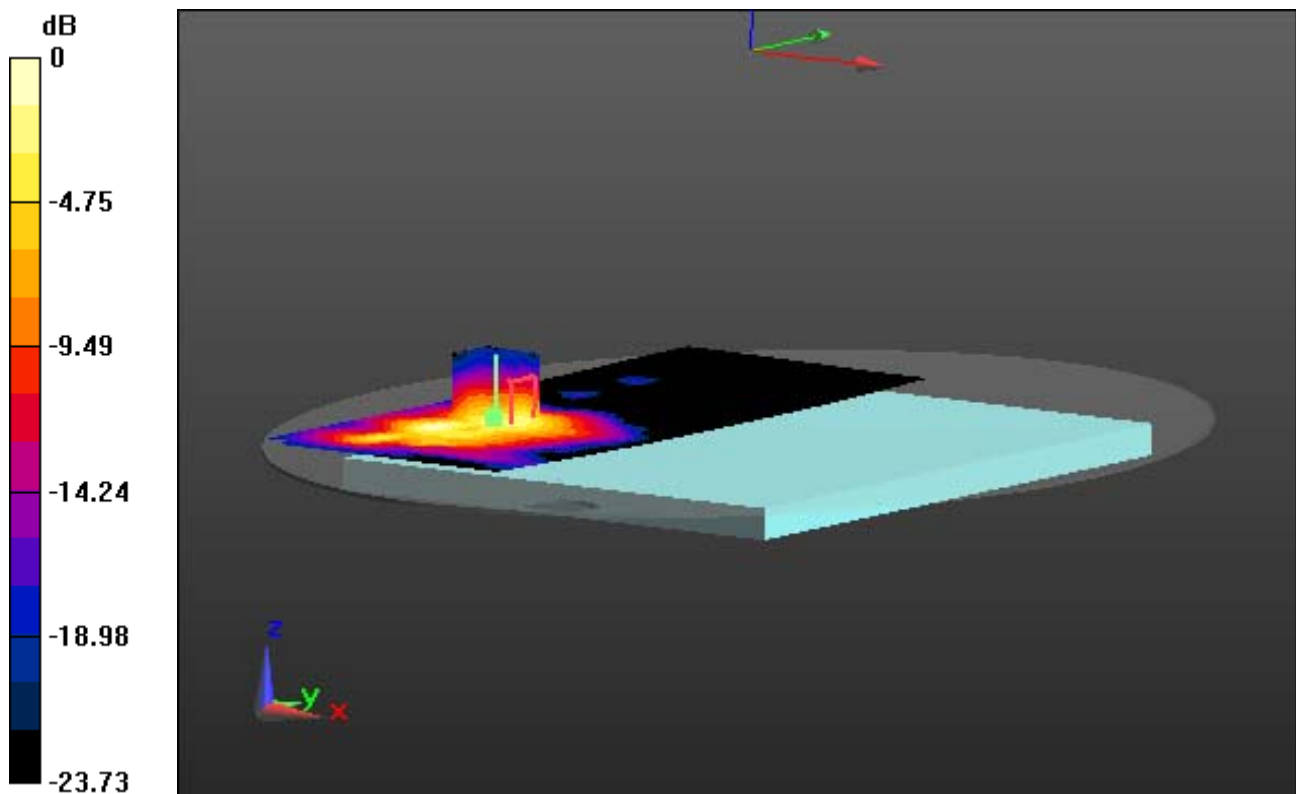
Area Scan (111x331x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.174 W/kg



0 dB = 0.588 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11n HT40) Ch. 6, Ant Internal, MIMO

With Enlarge Plot image

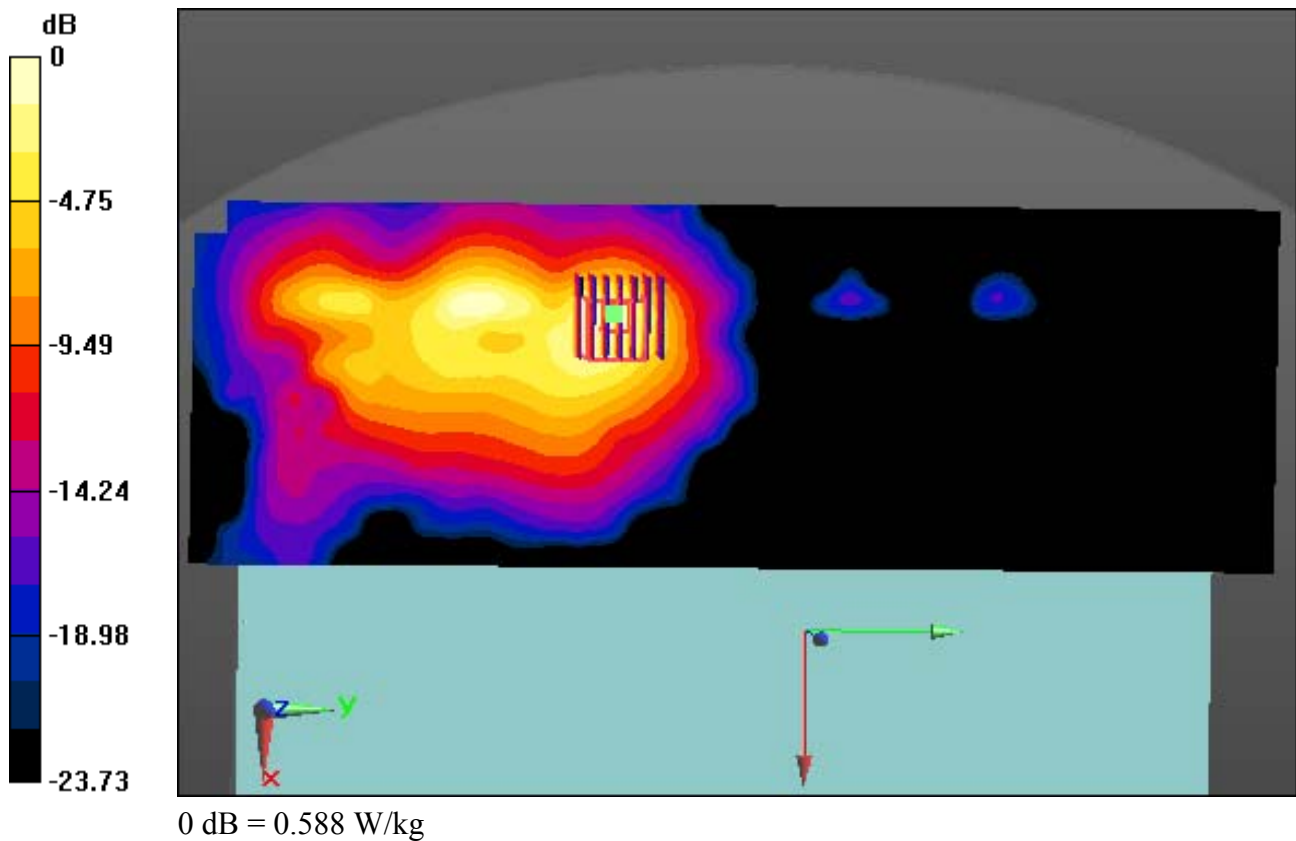
Area Scan (111x331x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.174 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.63, 7.63, 7.63); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-16; Ambient Temp; 20.9; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(2.4G 802.11n HT40) Ch. 6, Ant Internal, MIMO

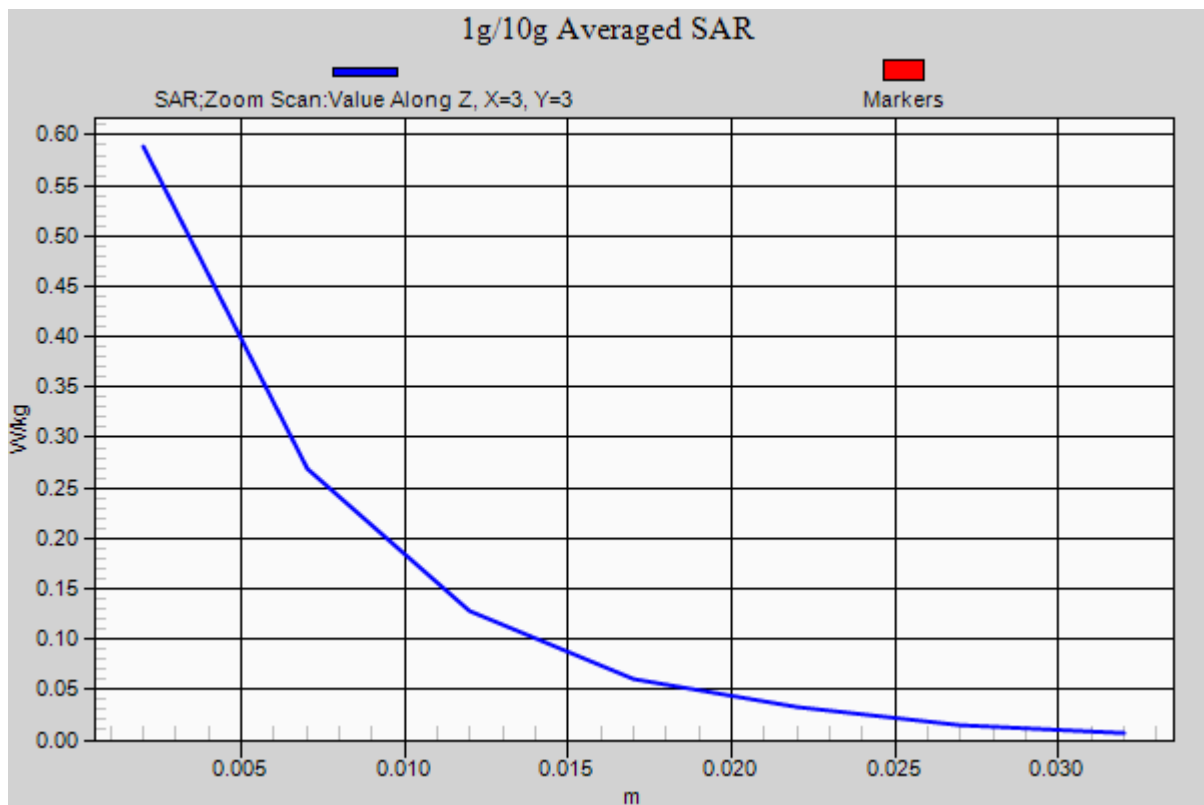
Area Scan (111x331x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.174 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: 802.11ac_HT80 (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5290$ MHz; $\sigma = 5.366$ S/m; $\epsilon_r = 49.333$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.65, 4.65, 4.65); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11ac VHT80) Ch. 58, Ant Internal, Main

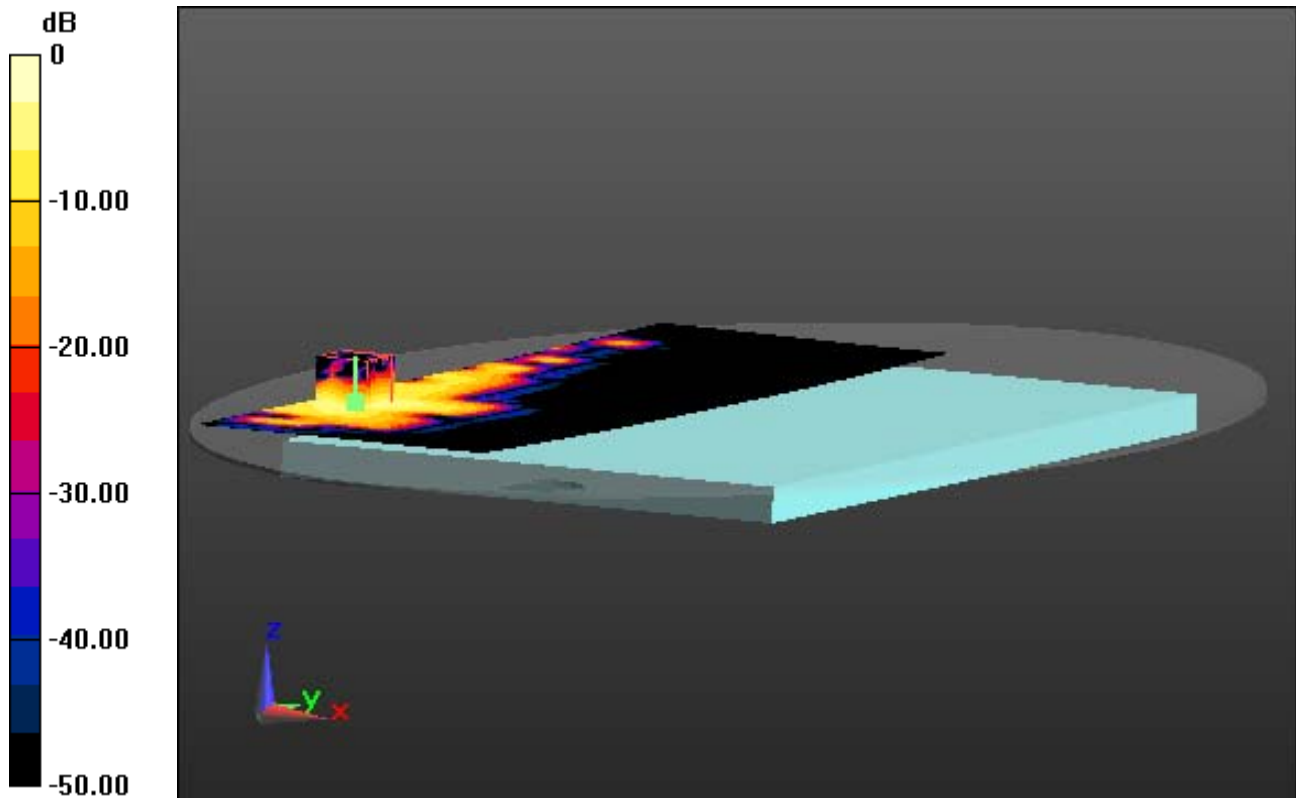
Area Scan (91x261x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.119 W/kg



0 dB = 0.673 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: 802.11ac_HT80 (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5290$ MHz; $\sigma = 5.366$ S/m; $\epsilon_r = 49.333$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.65, 4.65, 4.65); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11ac VHT80) Ch. 58, Ant Internal, Main

With Enlarge Plot image

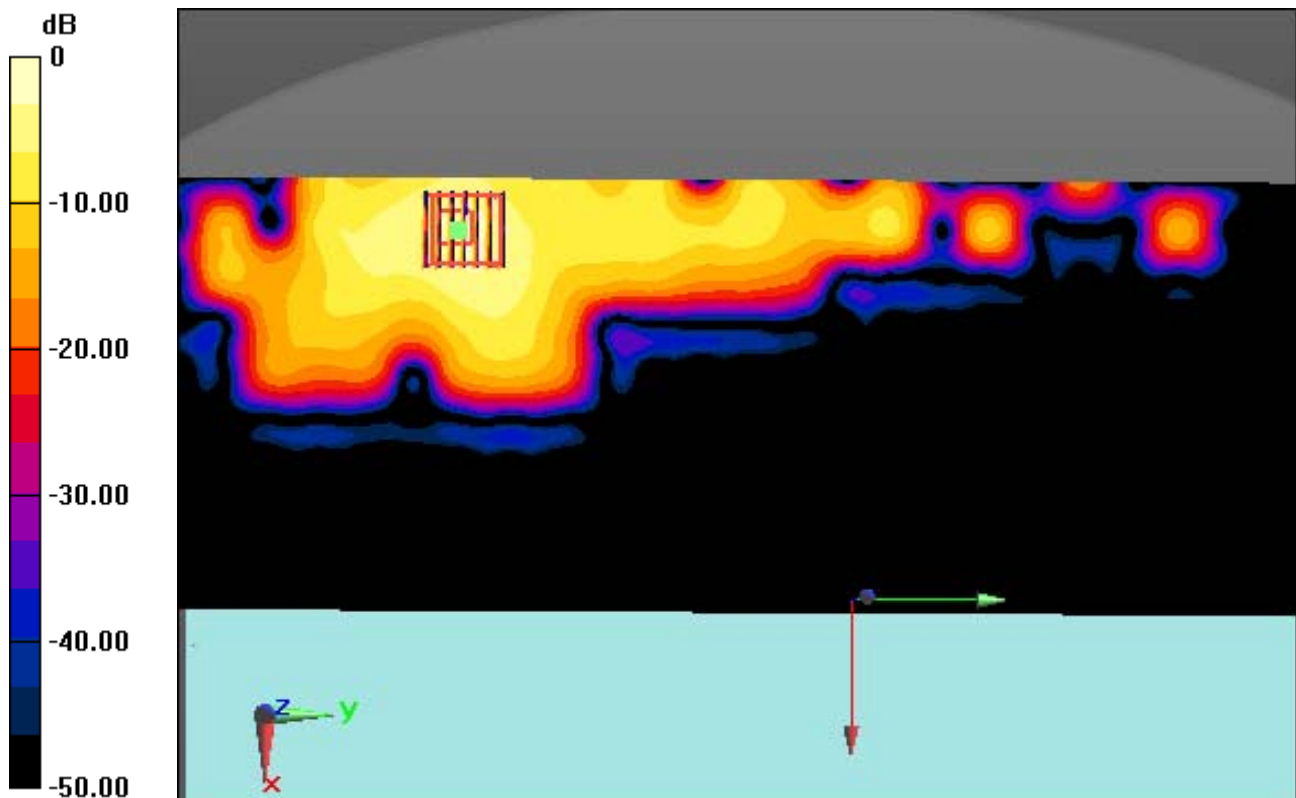
Area Scan (91x261x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.119 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: 802.11ac_HT80 (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5290$ MHz; $\sigma = 5.366$ S/m; $\epsilon_r = 49.333$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.65, 4.65, 4.65); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11ac VHT80) Ch. 58, Ant Internal, Main

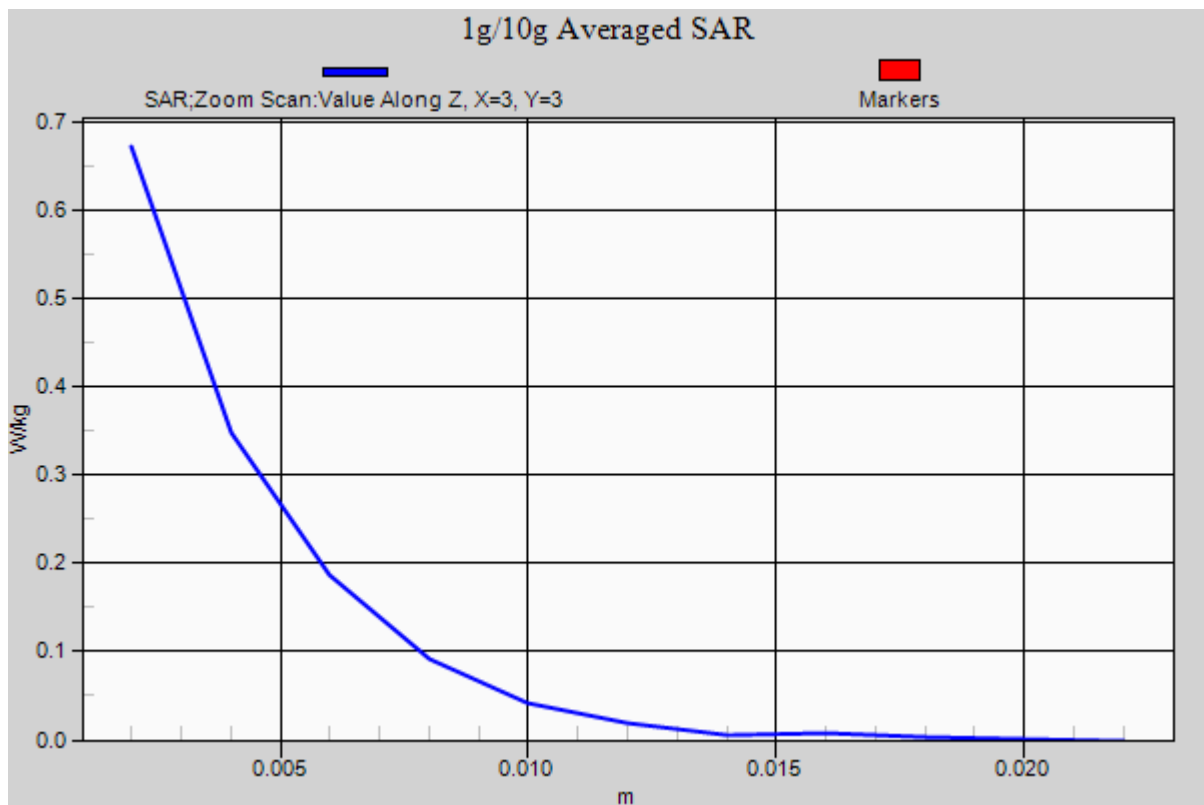
Area Scan (91x261x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.119 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5710 \text{ MHz}$; $\sigma = 5.889 \text{ S/m}$; $\epsilon_r = 47.961$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11n HT40) Ch. 142, Ant Internal, Main

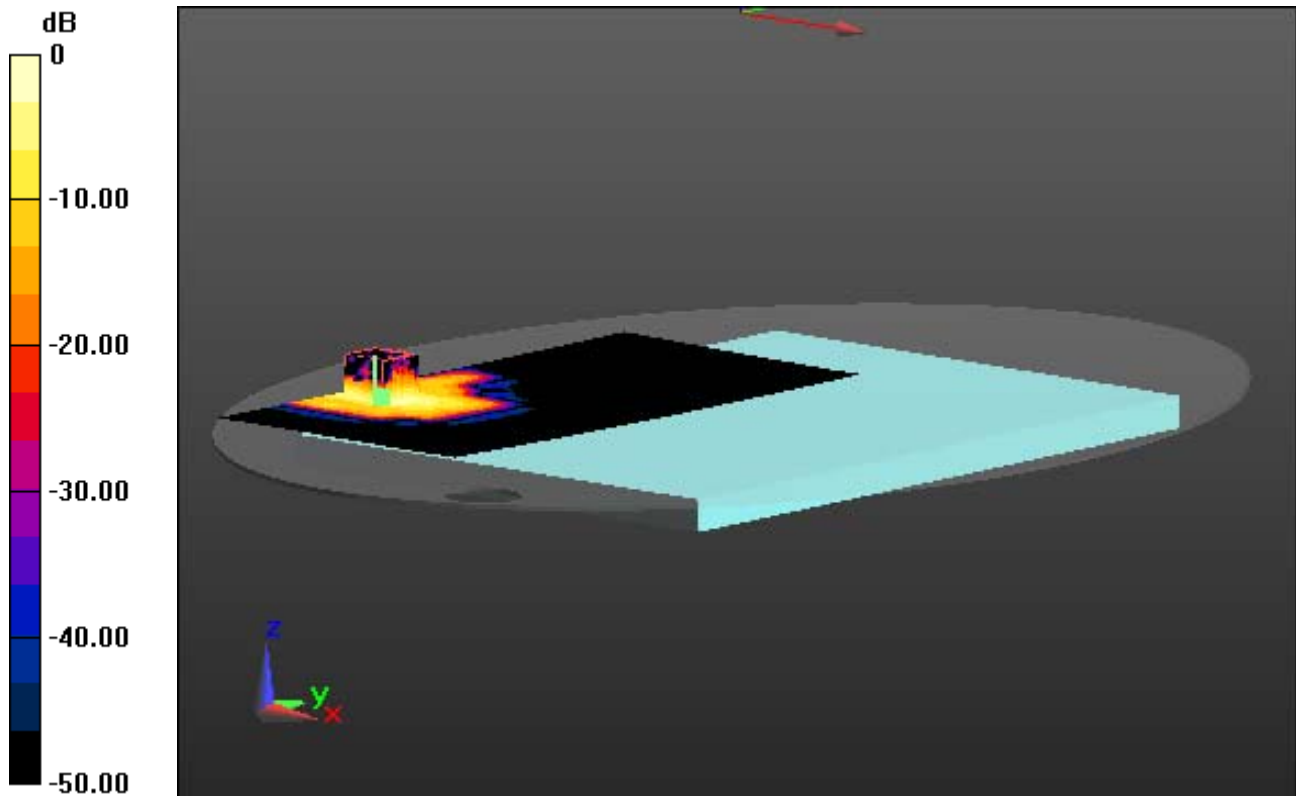
Area Scan (91x201x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.086 W/kg



0 dB = 0.453 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5710 \text{ MHz}$; $\sigma = 5.889 \text{ S/m}$; $\epsilon_r = 47.961$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11n HT40) Ch. 142, Ant Internal, Main

With Enlarge Plot image

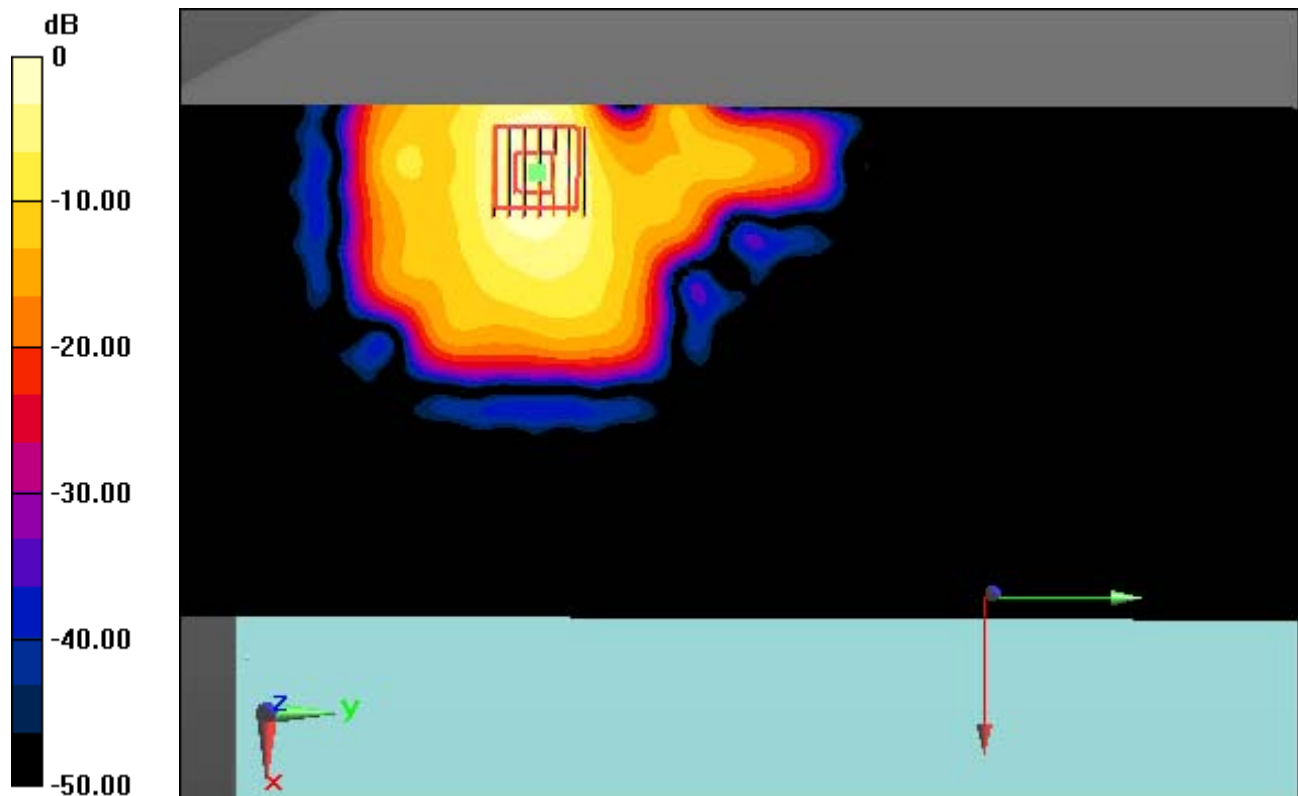
Area Scan (91x201x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.086 W/kg



0 dB = 0.453 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5710$ MHz; $\sigma = 5.889$ S/m; $\epsilon_r = 47.961$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11n HT40) Ch. 142, Ant Internal, Main

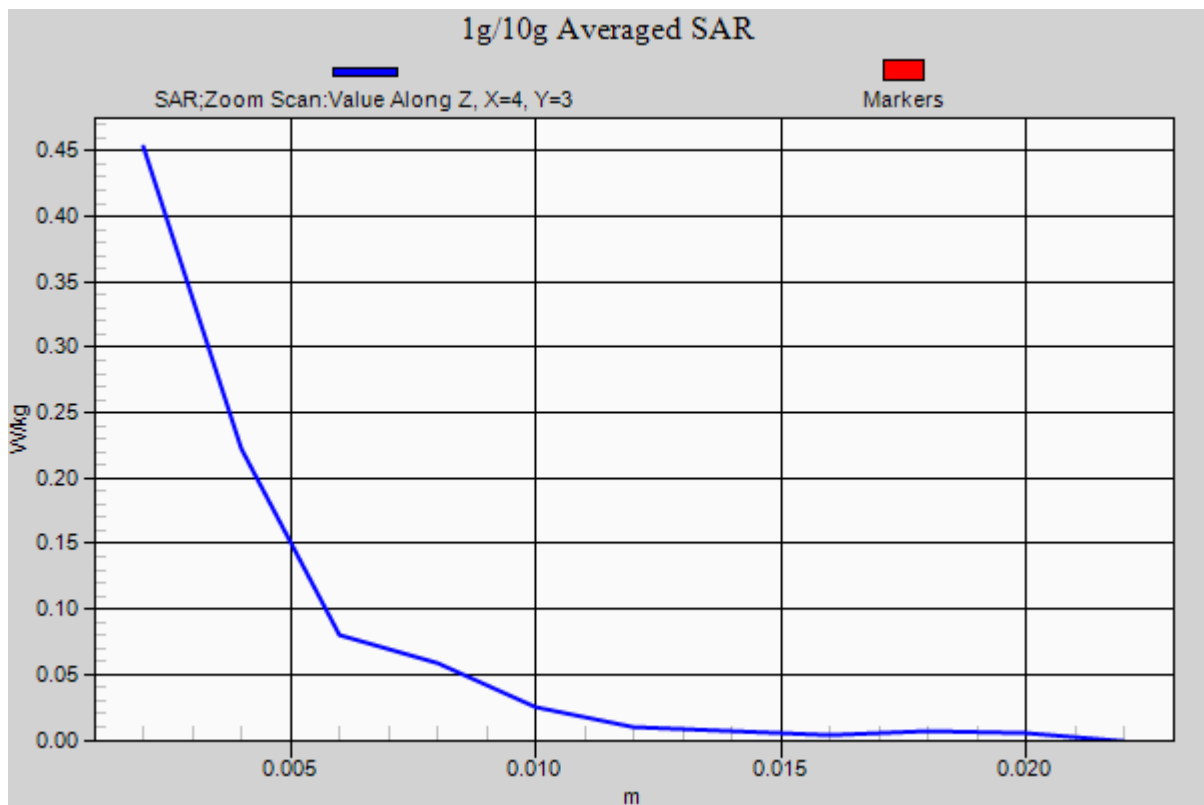
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.086 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.052$ S/m; $\epsilon_r = 47.777$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal, Main

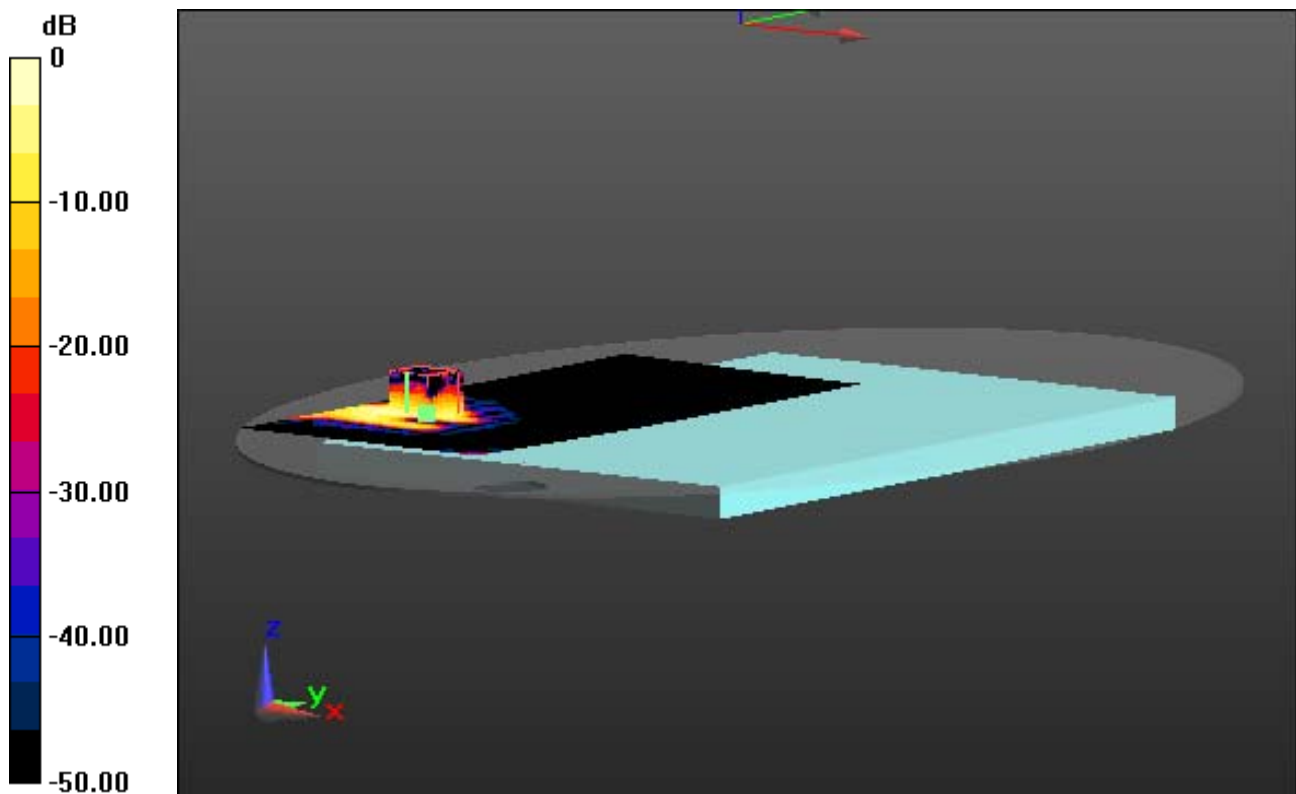
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.096 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.052$ S/m; $\epsilon_r = 47.777$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal, Main

With Enlarge Plot image

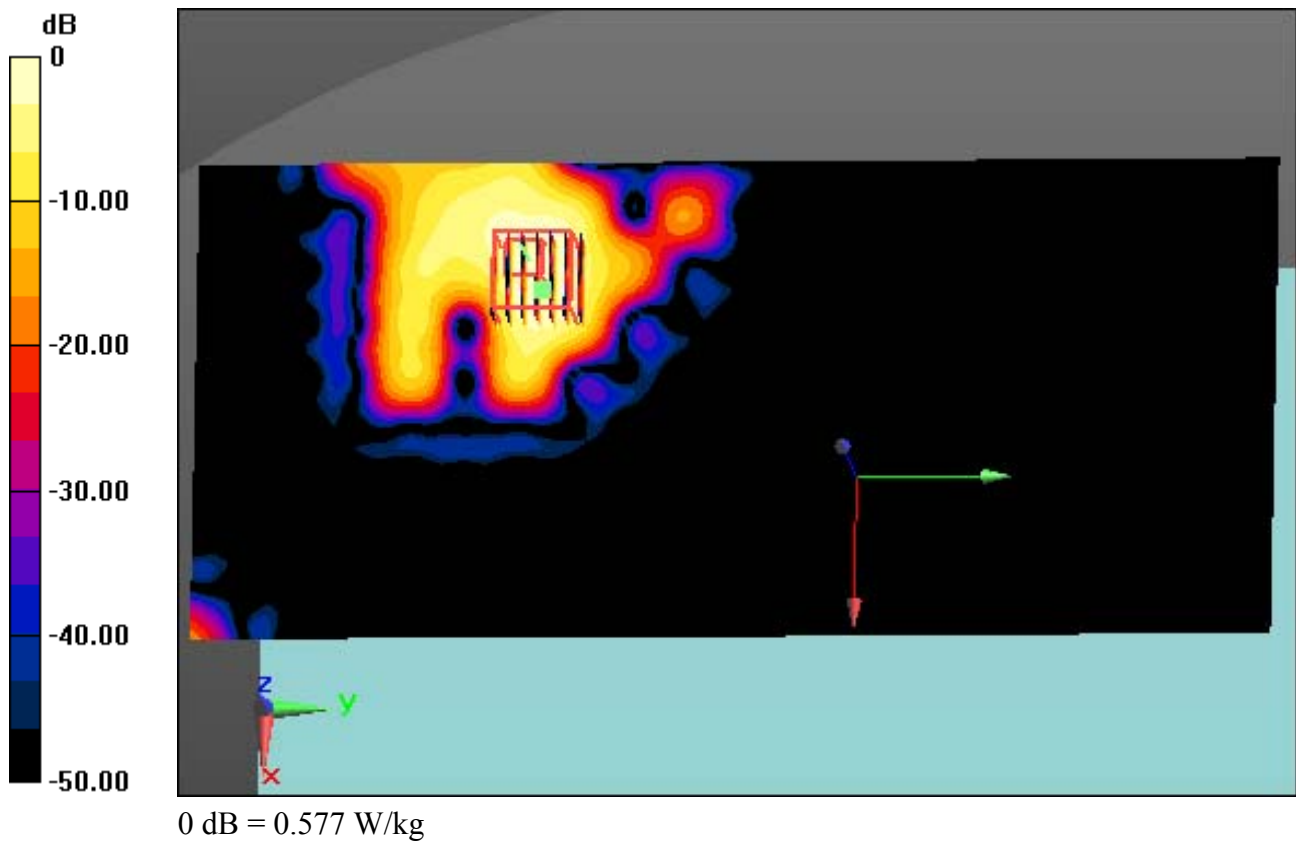
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.096 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.052$ S/m; $\epsilon_r = 47.777$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal, Main

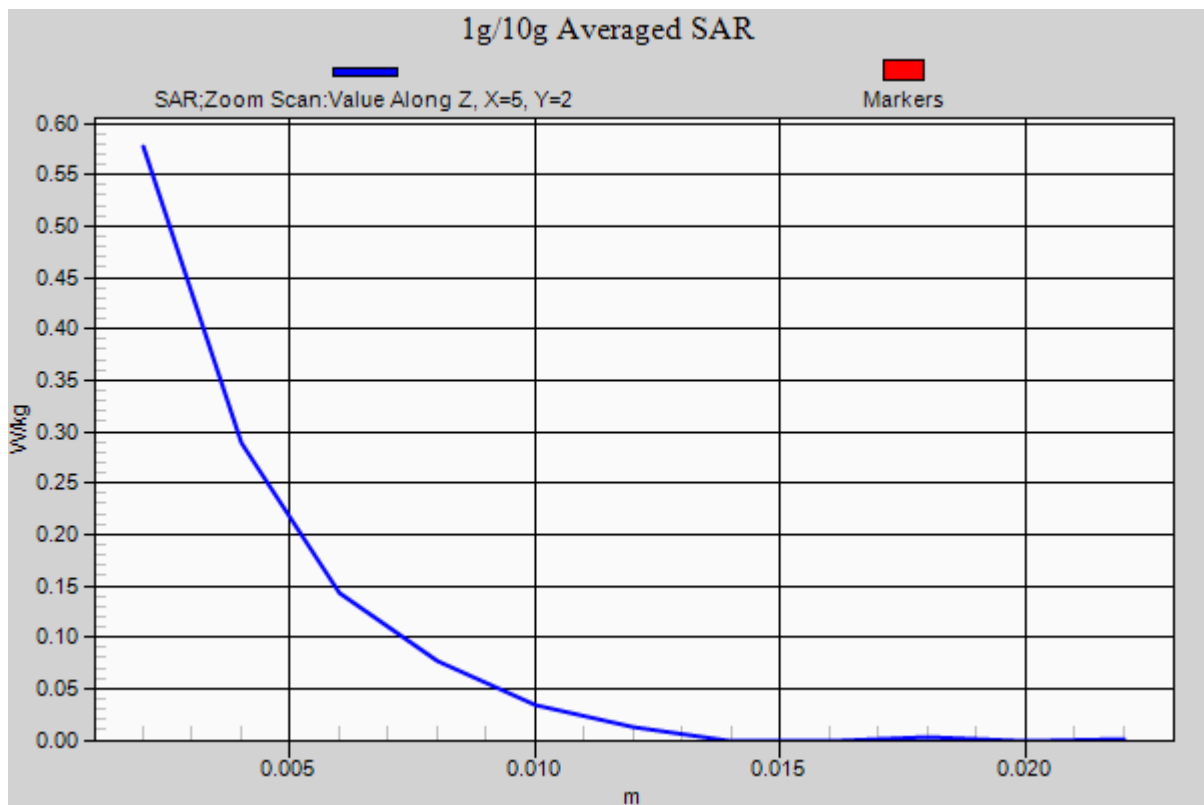
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.096 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5230$ MHz; $\sigma = 5.288$ S/m; $\epsilon_r = 49.447$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11n HT40) Ch. 46, Ant Internal, Aux

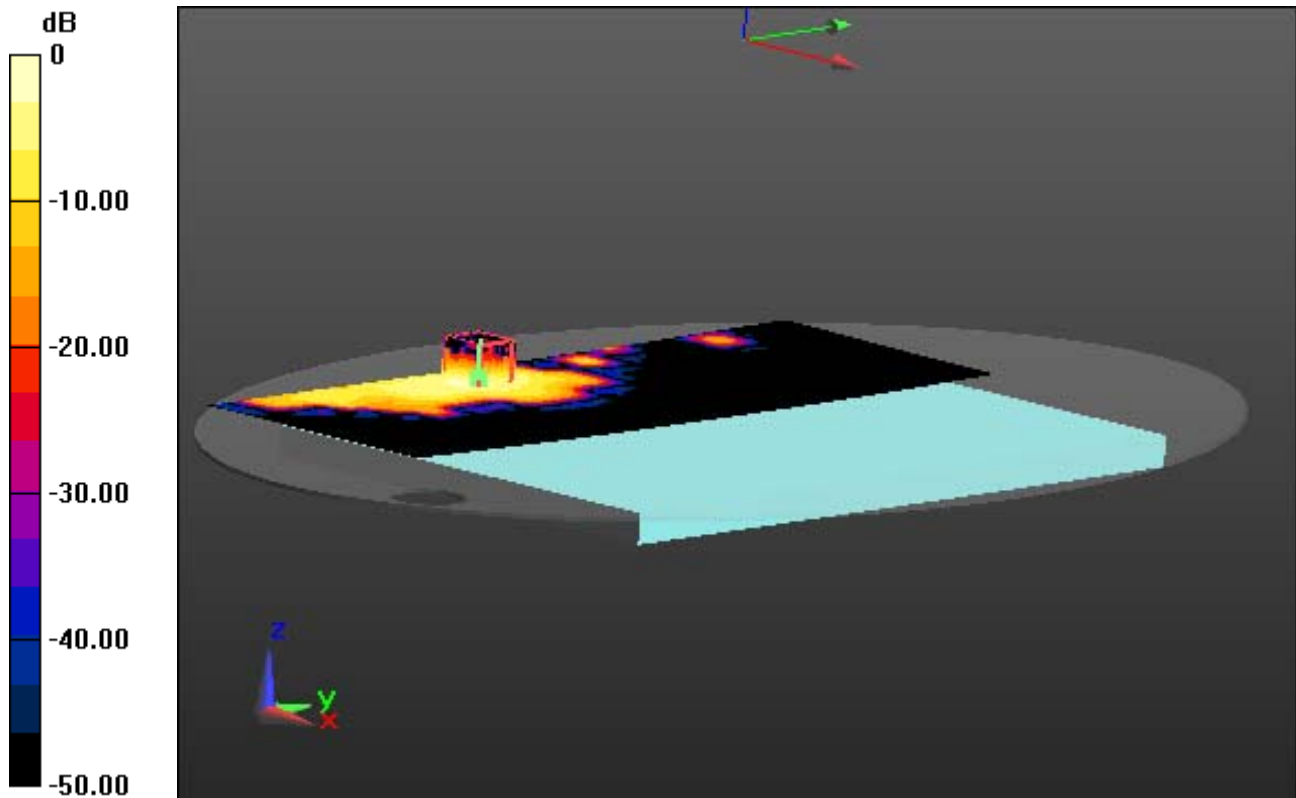
Area Scan (91x261x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.420 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5230 \text{ MHz}$; $\sigma = 5.288 \text{ S/m}$; $\epsilon_r = 49.447$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11n HT40) Ch. 46, Ant Internal, Aux

With Enlarge Plot image

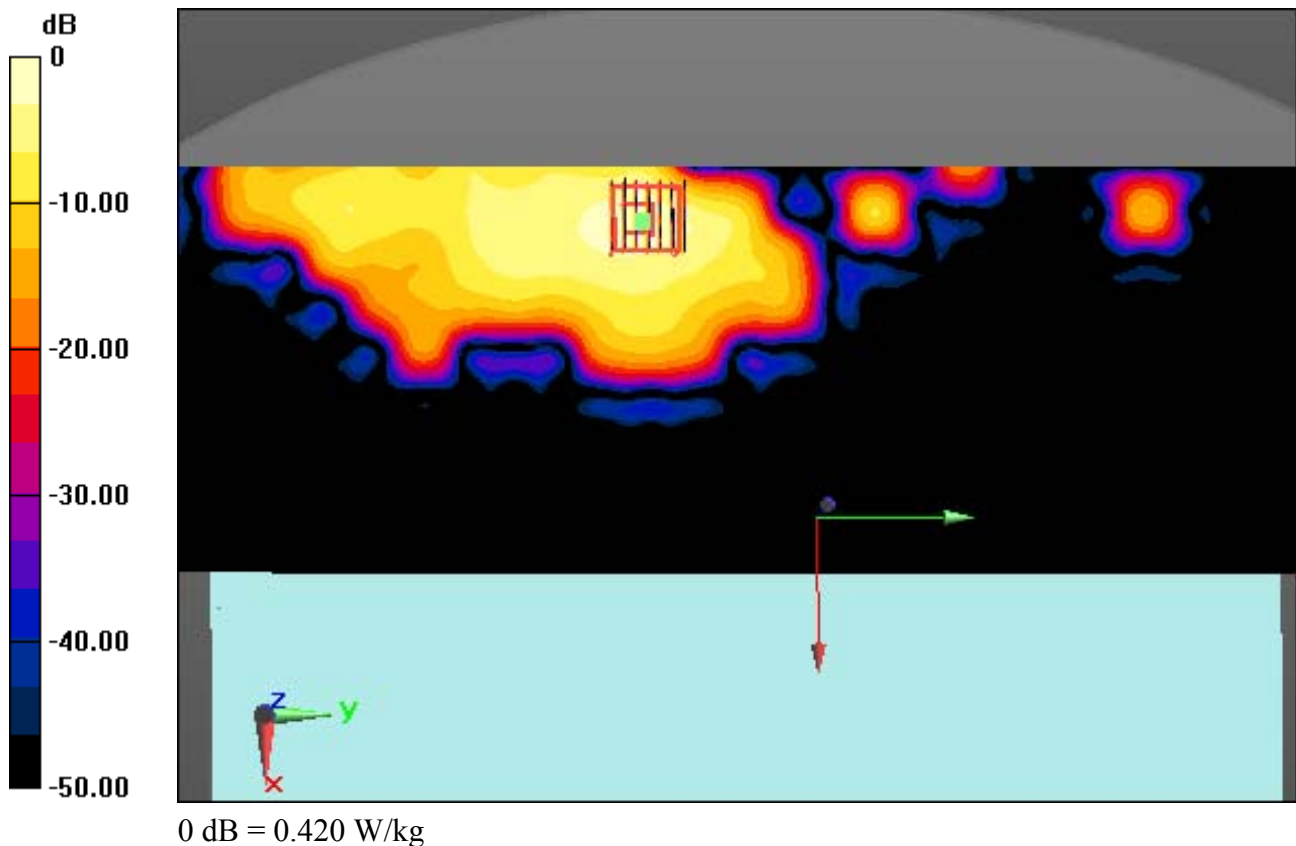
Area Scan (91x261x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.074 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5230$ MHz; $\sigma = 5.288$ S/m; $\epsilon_r = 49.447$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11n HT40) Ch. 46, Ant Internal, Aux

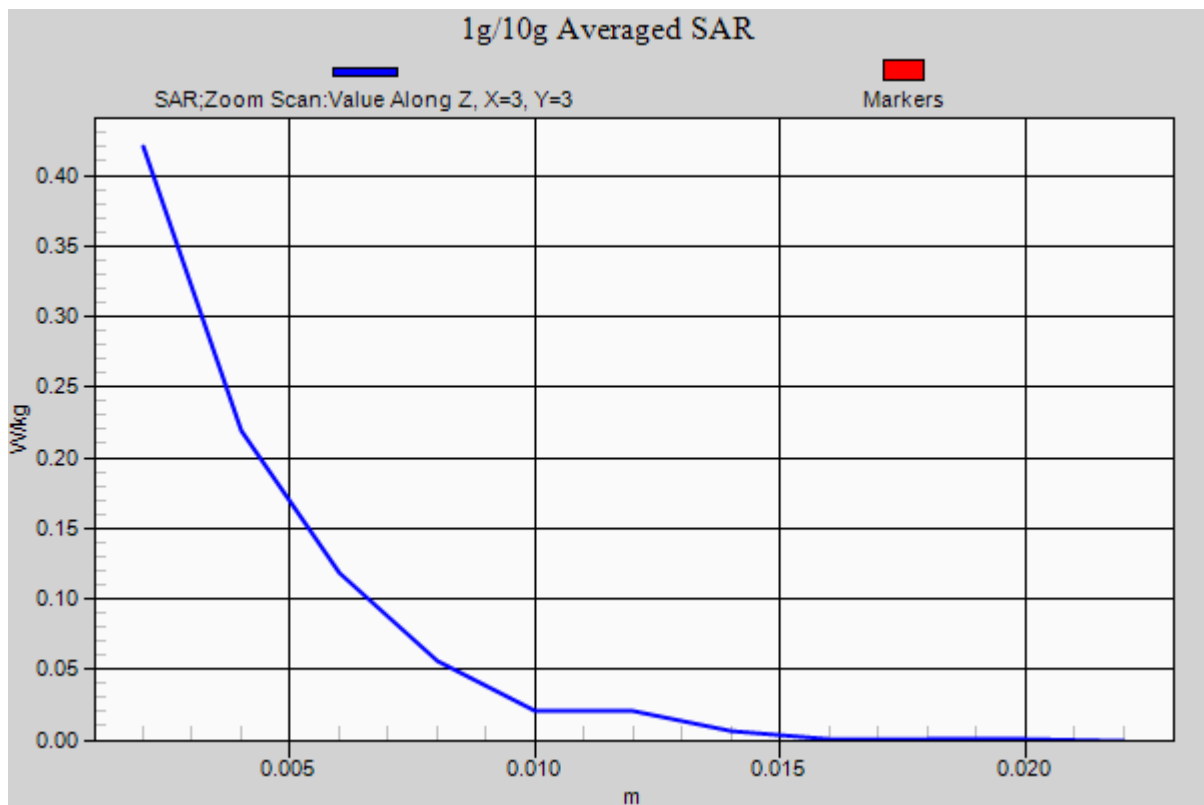
Area Scan (91x261x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.074 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5550 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5550$ MHz; $\sigma = 5.662$ S/m; $\epsilon_r = 48.235$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.26, 4.26, 4.26); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11n HT40) Ch. 110, Ant Internal, Aux

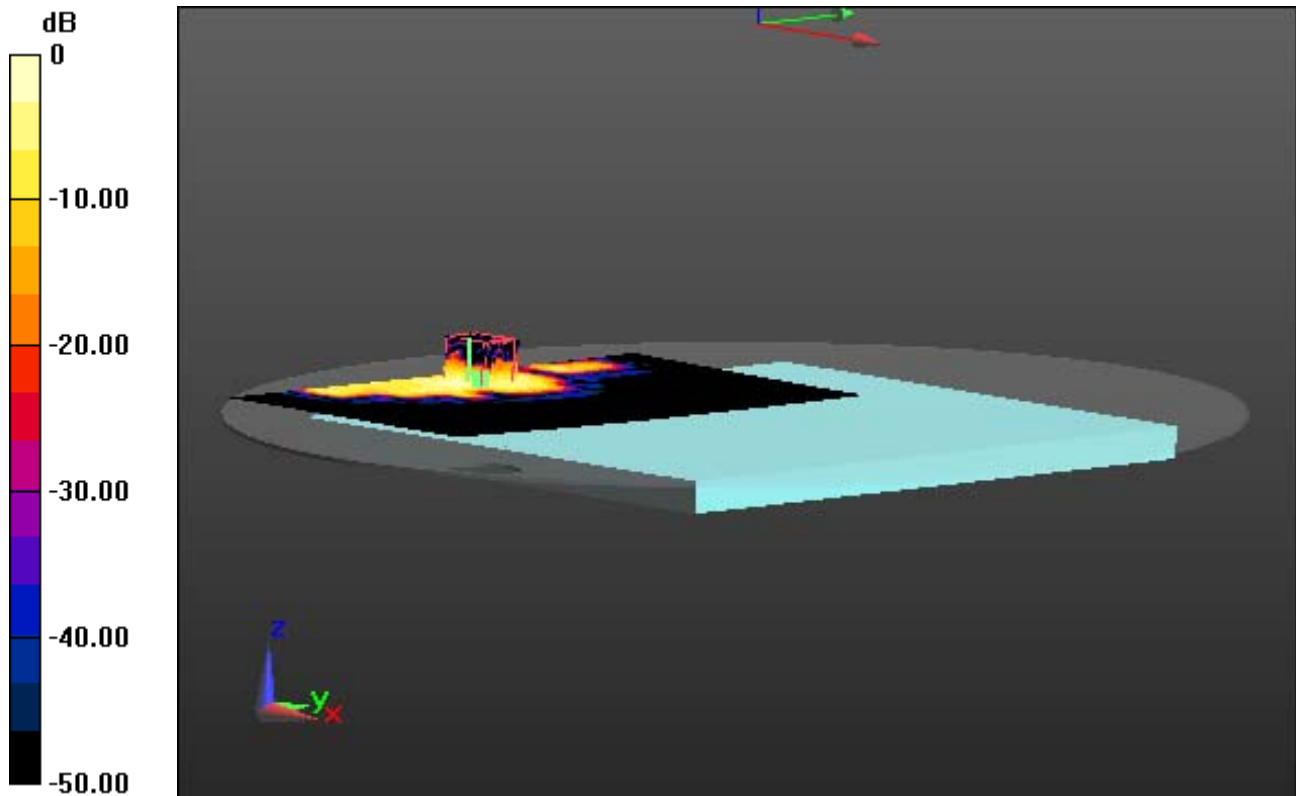
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.060 W/kg



0 dB = 0.364 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5550 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5550$ MHz; $\sigma = 5.662$ S/m; $\epsilon_r = 48.235$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.26, 4.26, 4.26); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11n HT40) Ch. 110, Ant Internal, Aux

With Enlarge Plot image

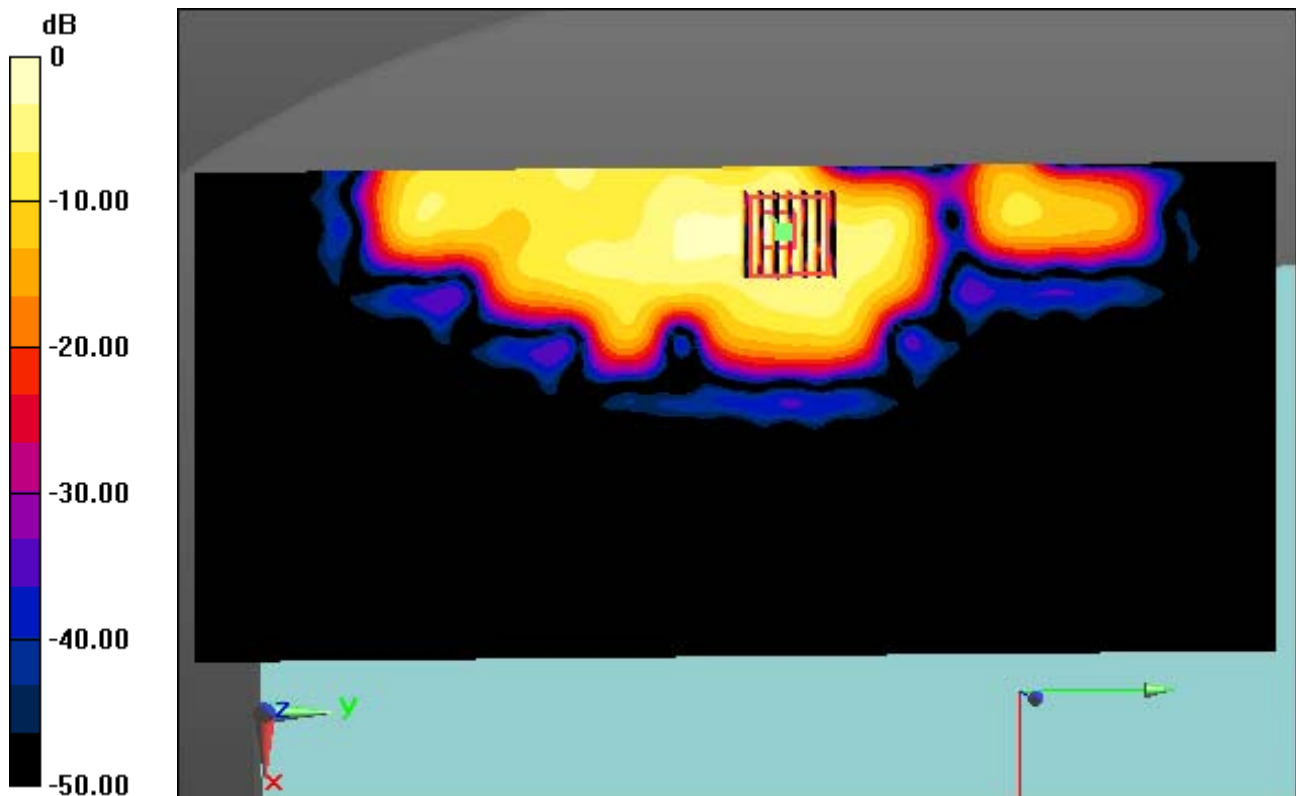
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.060 W/kg



0 dB = 0.364 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5550 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5550$ MHz; $\sigma = 5.662$ S/m; $\epsilon_r = 48.235$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.26, 4.26, 4.26); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11n HT40) Ch. 110, Ant Internal, Aux

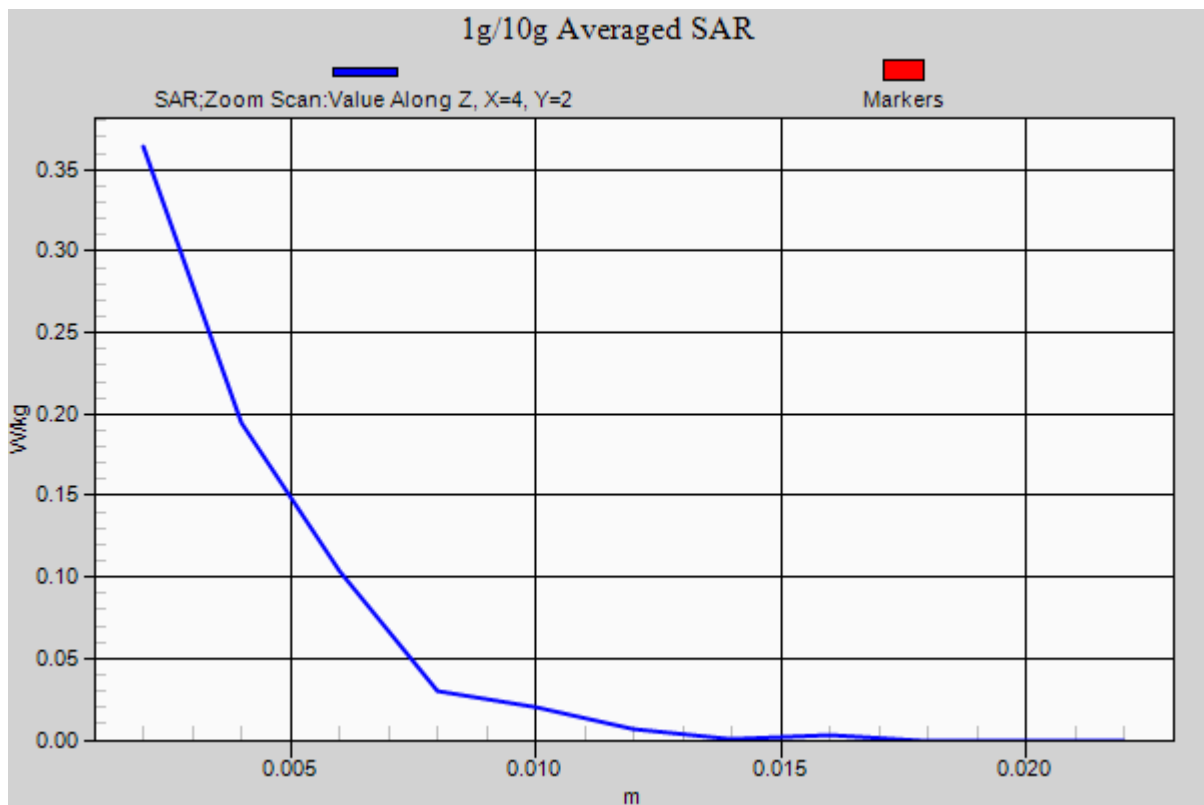
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.060 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5795 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5795$ MHz; $\sigma = 6.006$ S/m; $\epsilon_r = 47.819$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11n HT40) Ch. 159, Ant Internal, Aux

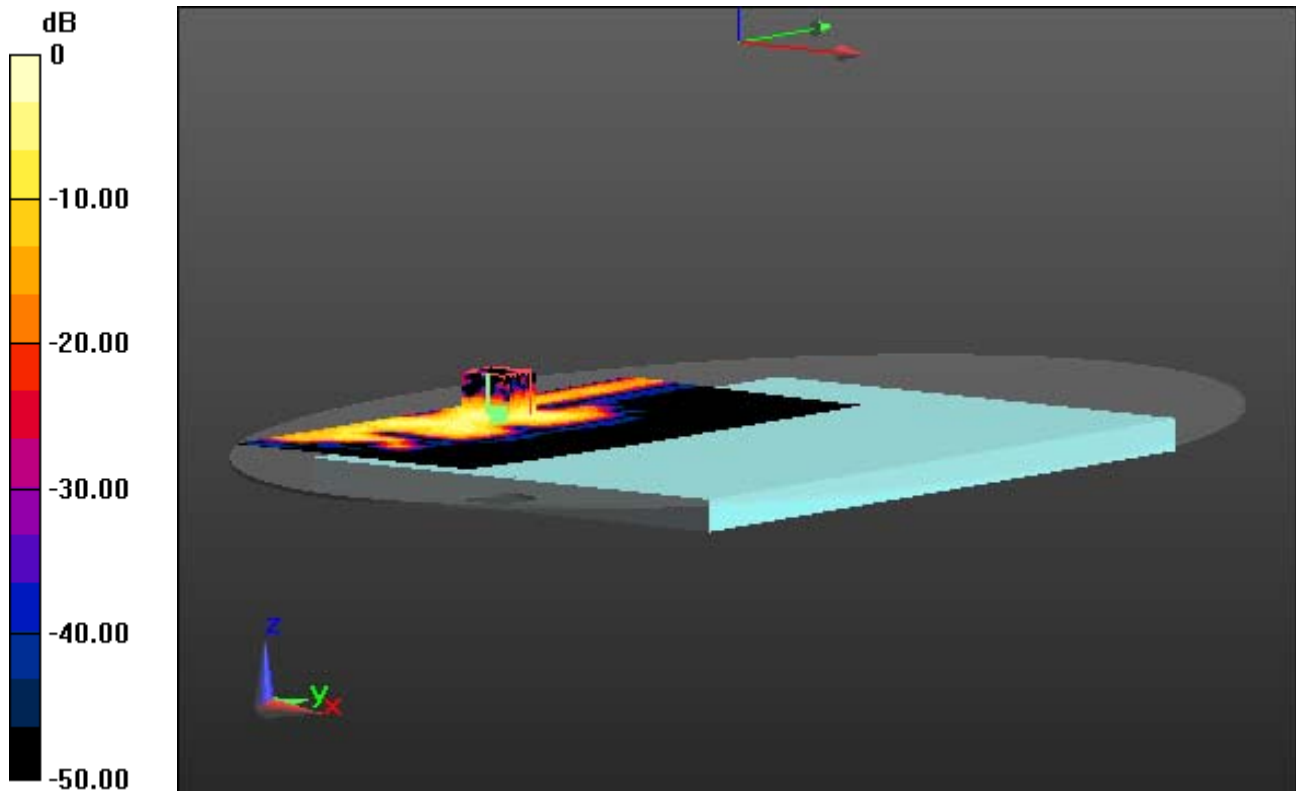
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.690 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5795 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5795$ MHz; $\sigma = 6.006$ S/m; $\epsilon_r = 47.819$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11n HT40) Ch. 159, Ant Internal, Aux

With Enlarge Plot image

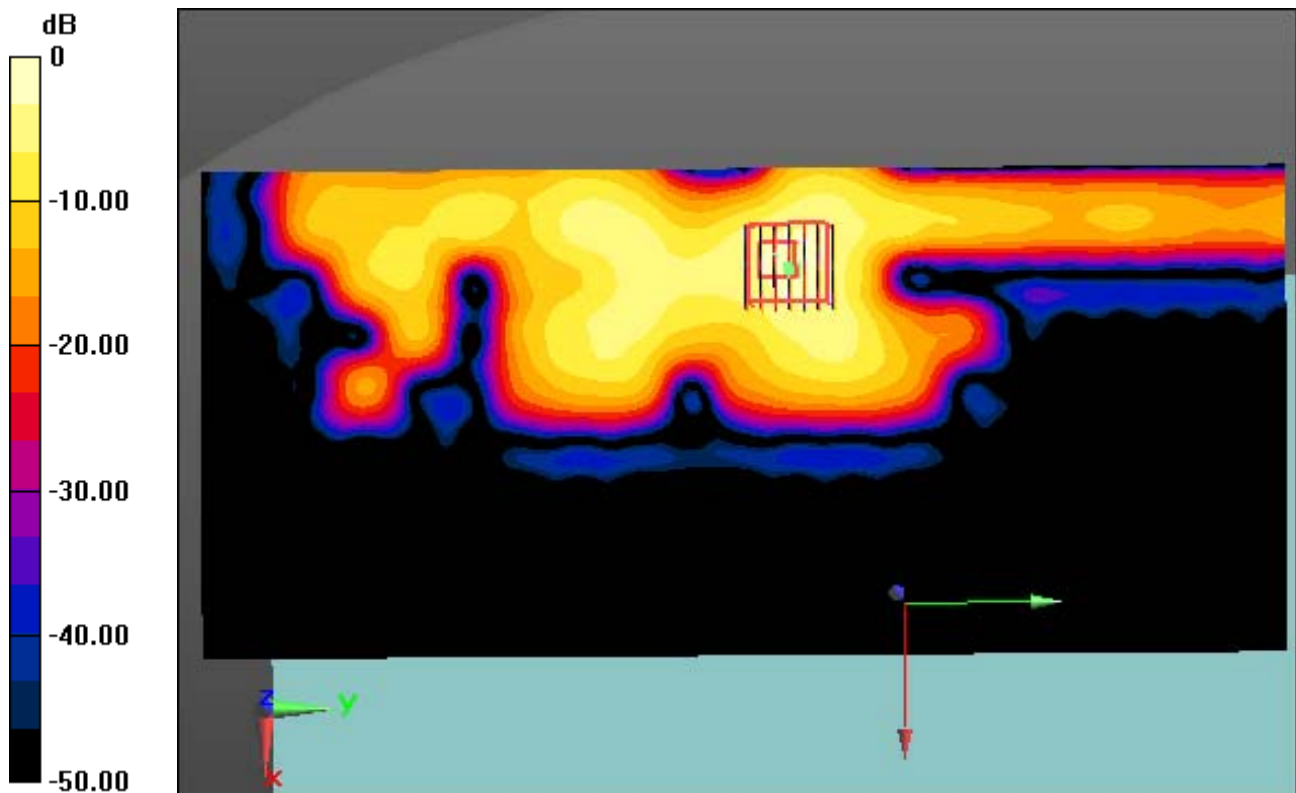
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.690 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: WLAN_802.11n-HT40_5GHz (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5795$ MHz; $\sigma = 6.006$ S/m; $\epsilon_r = 47.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396

Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223

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

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11n HT40) Ch. 159, Ant Internal, Aux

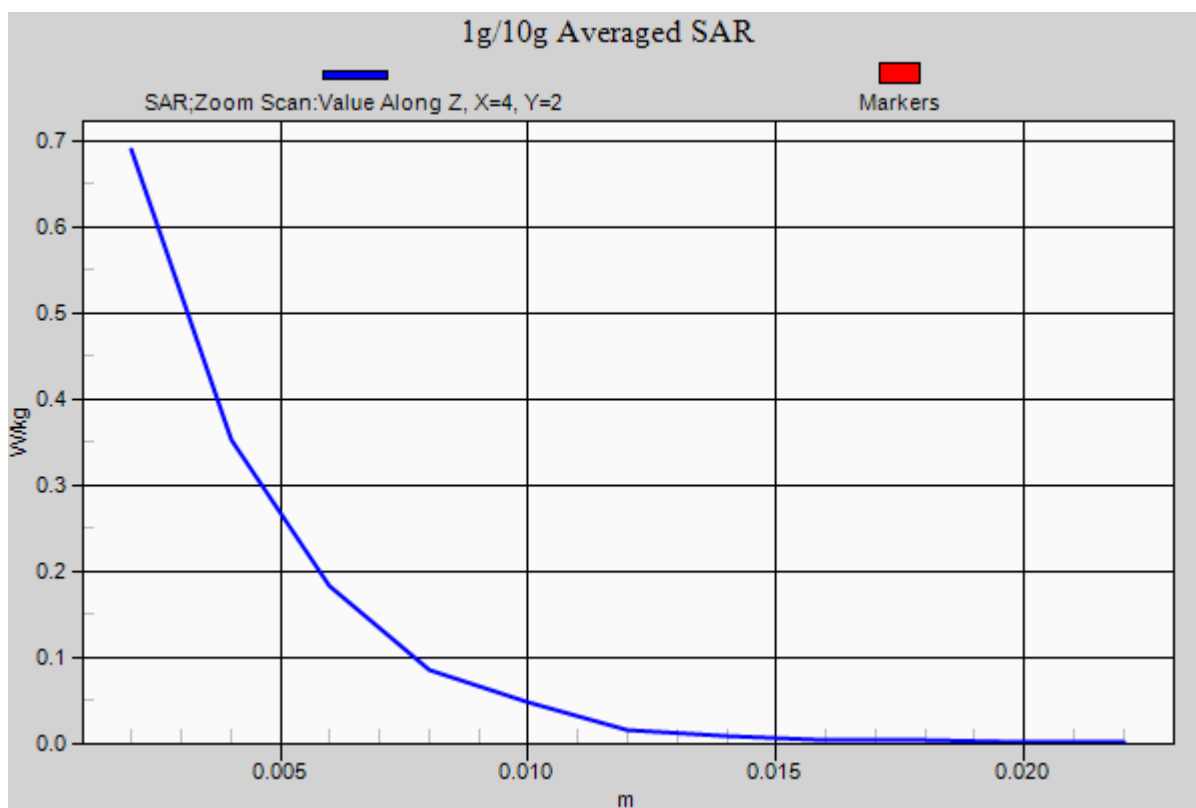
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.110 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 49.307$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.65, 4.65, 4.65); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11n HT20) Ch. 60, Ant Internal, MIMO

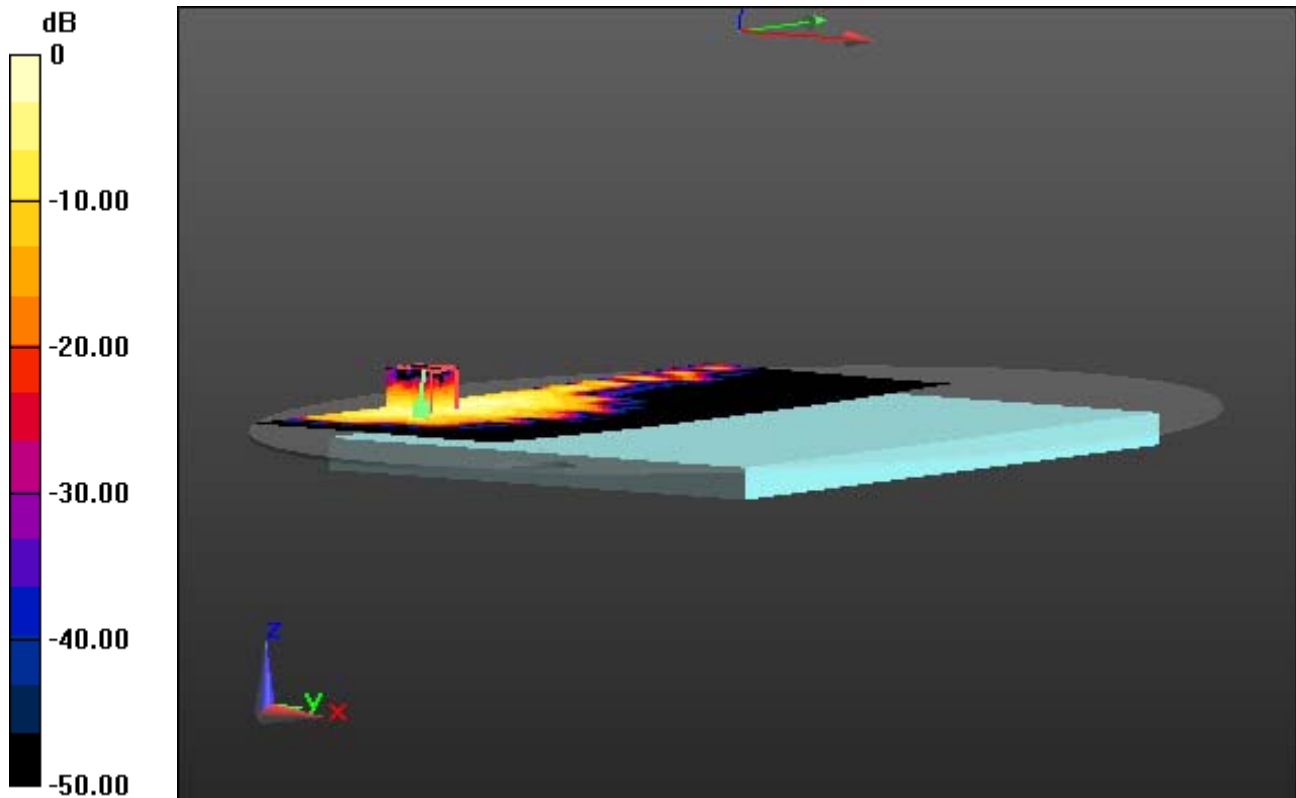
Area Scan (91x261x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.136 W/kg



0 dB = 0.755 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 49.307$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.65, 4.65, 4.65); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11n HT20) Ch. 60, Ant Internal, MIMO

With Enlarge Plot image

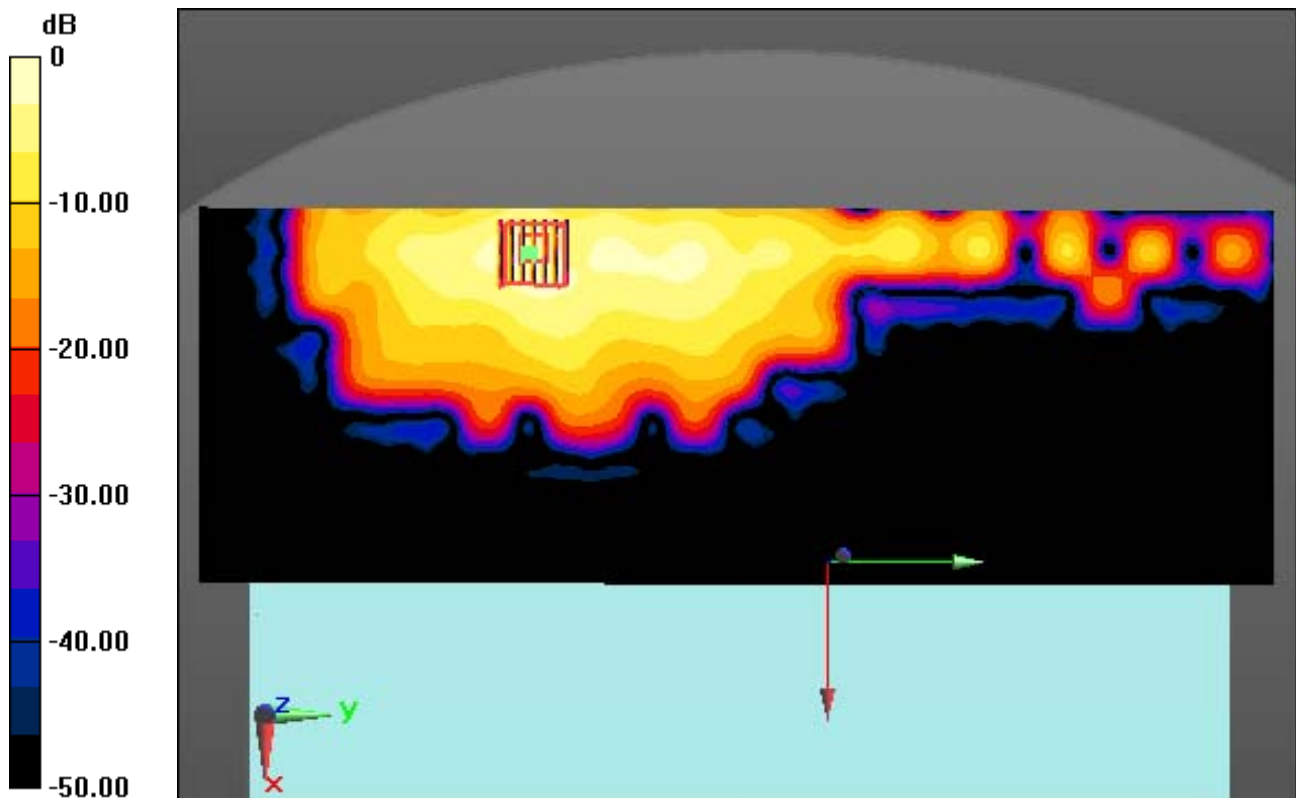
Area Scan (91x261x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.136 W/kg



0 dB = 0.755 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 49.307$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.65, 4.65, 4.65); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-17; Ambient Temp; 20.5; Tissue Temp: 21.0

Touch from Body, Rear, W-LAN(5.3G 802.11n HT20) Ch. 60, Ant Internal, MIMO

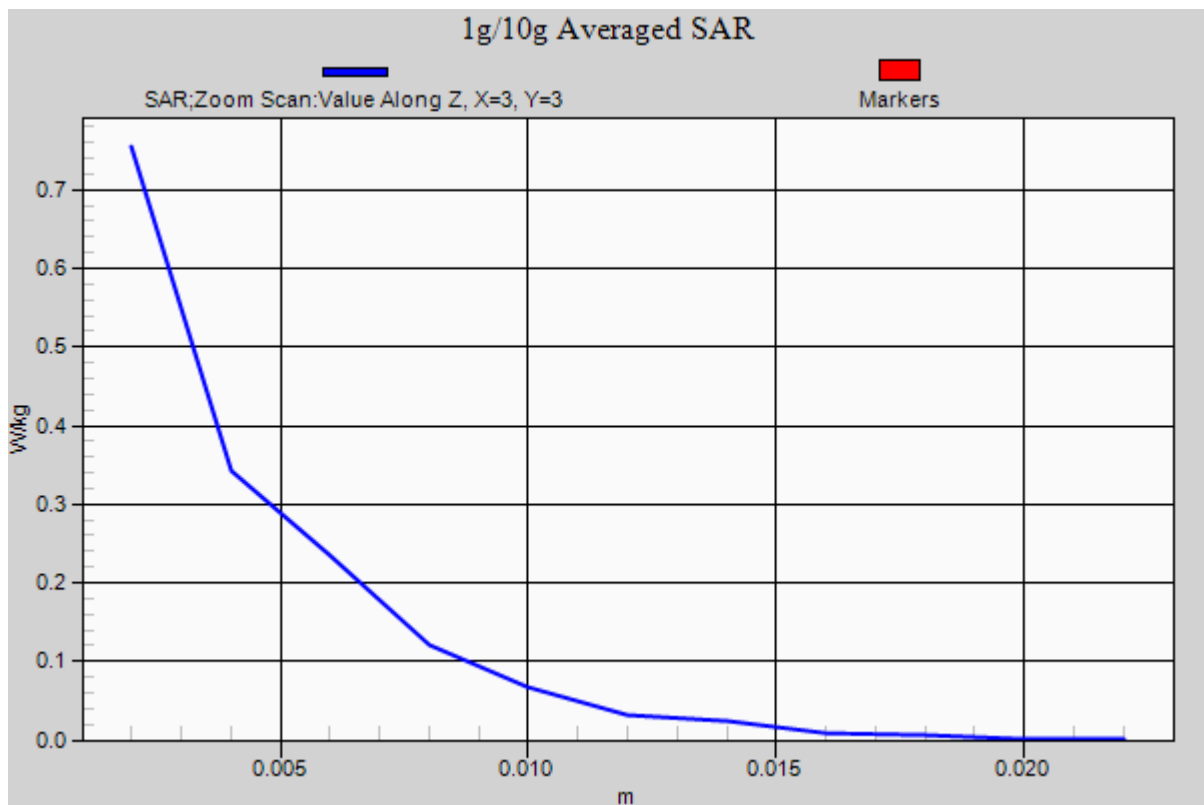
Area Scan (91x261x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.136 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: 802.11ac_HT80 (0); Frequency: 5590 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5590$ MHz; $\sigma = 5.717$ S/m; $\epsilon_r = 48.162$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.98, 3.98, 3.98); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11ac VHT80) Ch. 138, Ant Internal, MIMO

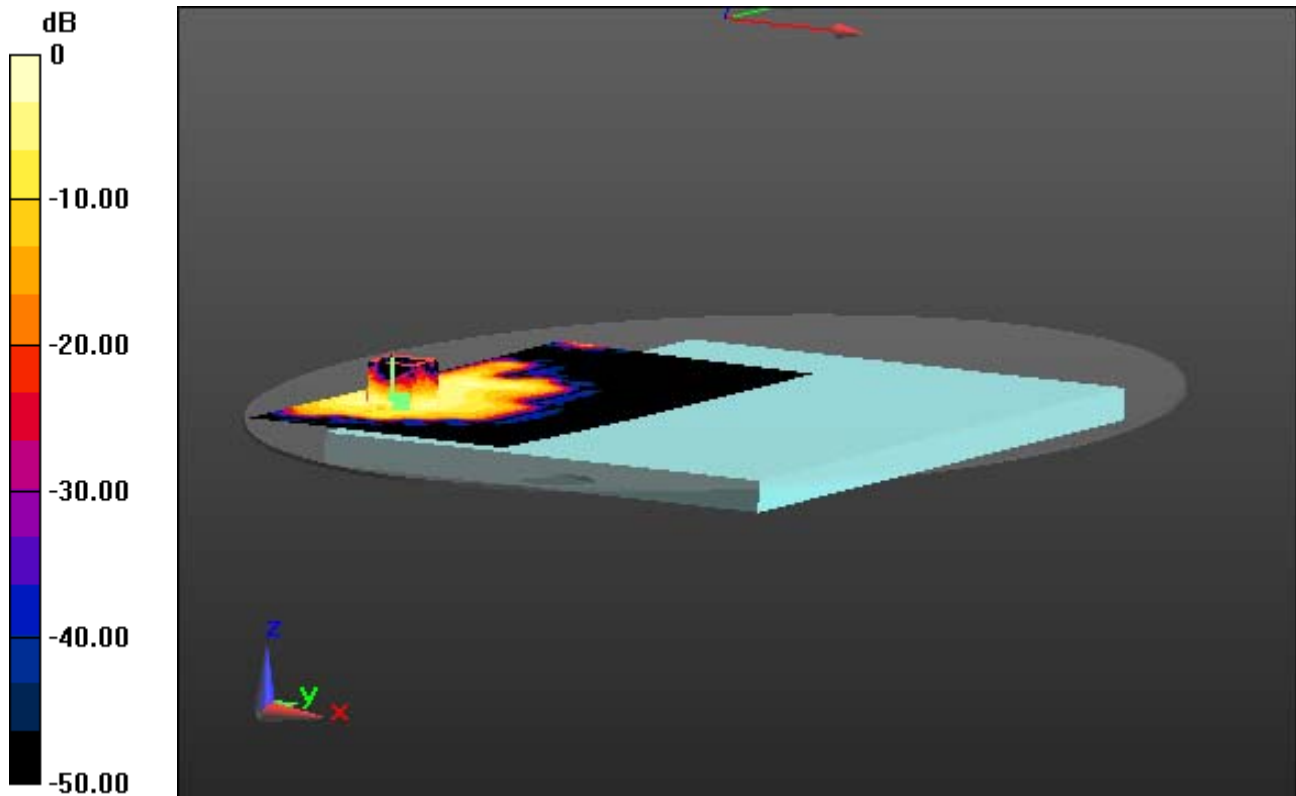
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.120 W/kg



0 dB = 0.600 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: 802.11ac_HT80 (0); Frequency: 5590 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5590$ MHz; $\sigma = 5.717$ S/m; $\epsilon_r = 48.162$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.98, 3.98, 3.98); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11ac VHT80) Ch. 138, Ant Internal, MIMO

With Enlarge Plot image

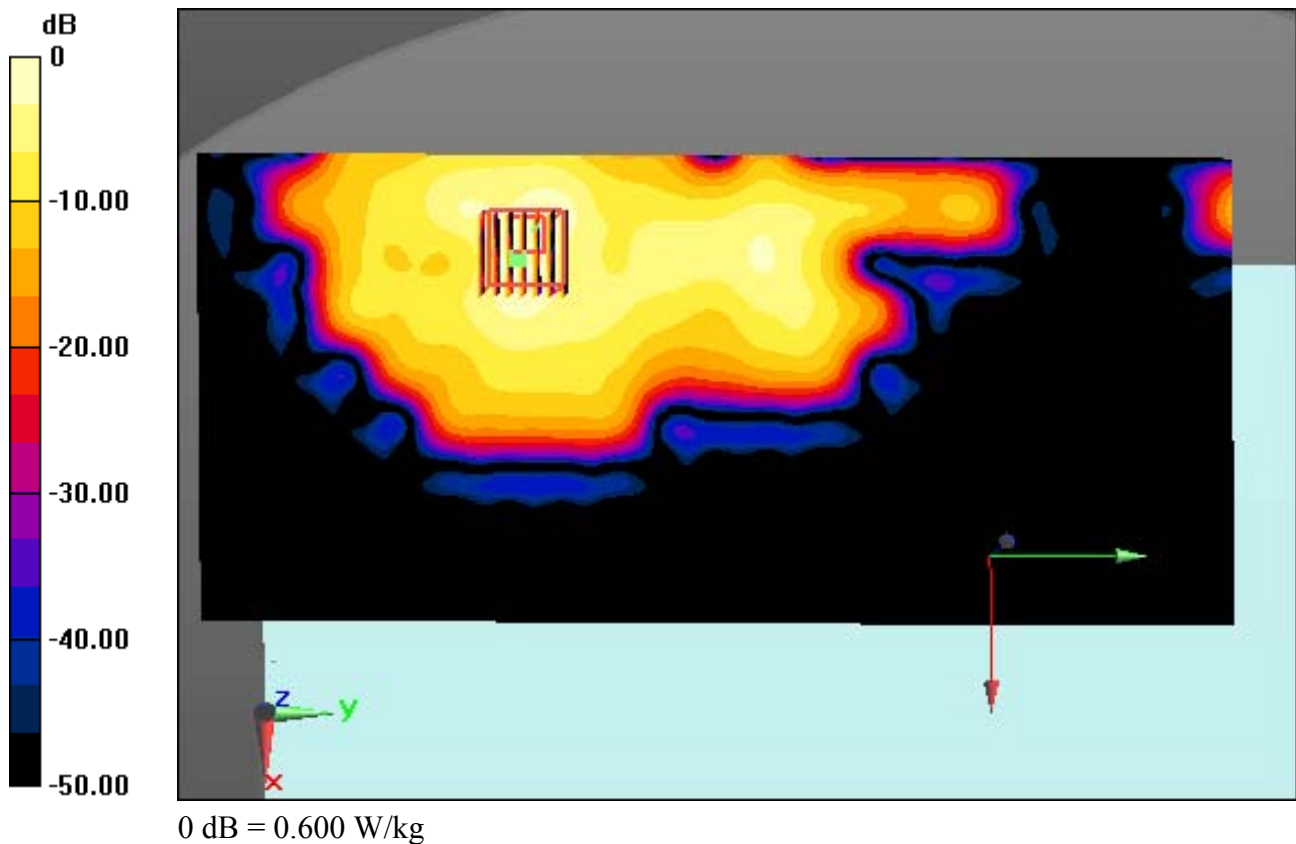
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.120 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: 802.11ac_HT80 (0); Frequency: 5590 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5590$ MHz; $\sigma = 5.717$ S/m; $\epsilon_r = 48.162$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.98, 3.98, 3.98); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.6G 802.11ac VHT80) Ch. 138, Ant Internal, MIMO

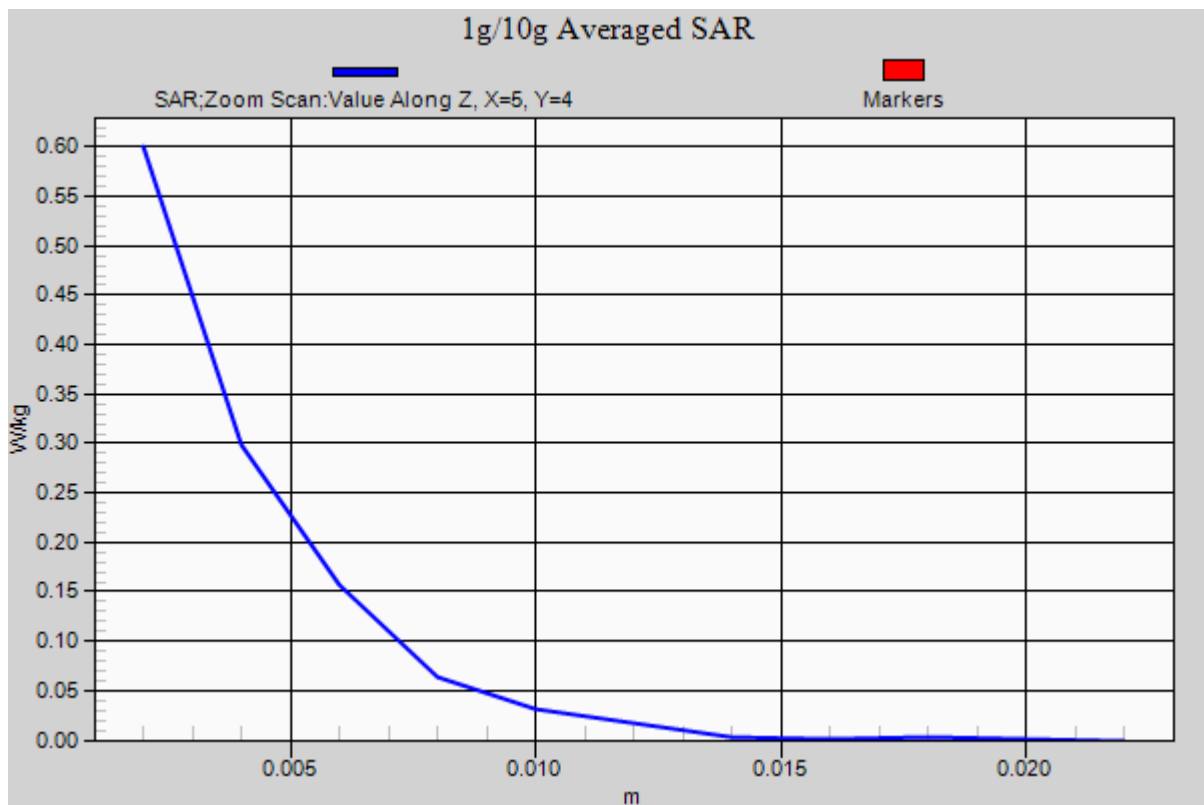
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.120 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785$ MHz; $\sigma = 5.99$ S/m; $\epsilon_r = 47.839$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11n HT20) Ch. 157, Ant Internal, MIMO

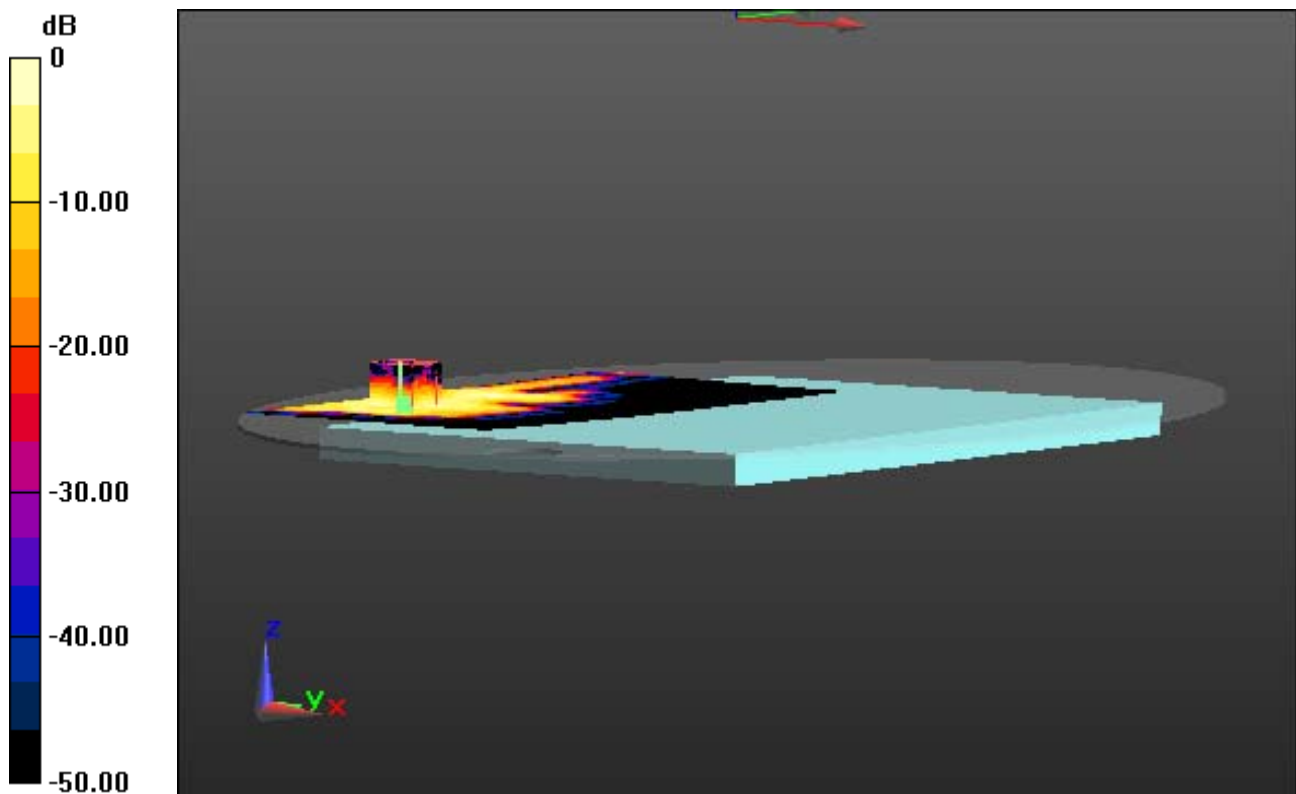
Area Scan (91x201x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.717 W/kg

DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.99 \text{ S/m}$; $\epsilon_r = 47.839$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11n HT20) Ch. 157, Ant Internal, MIMO

With Enlarge Plot image

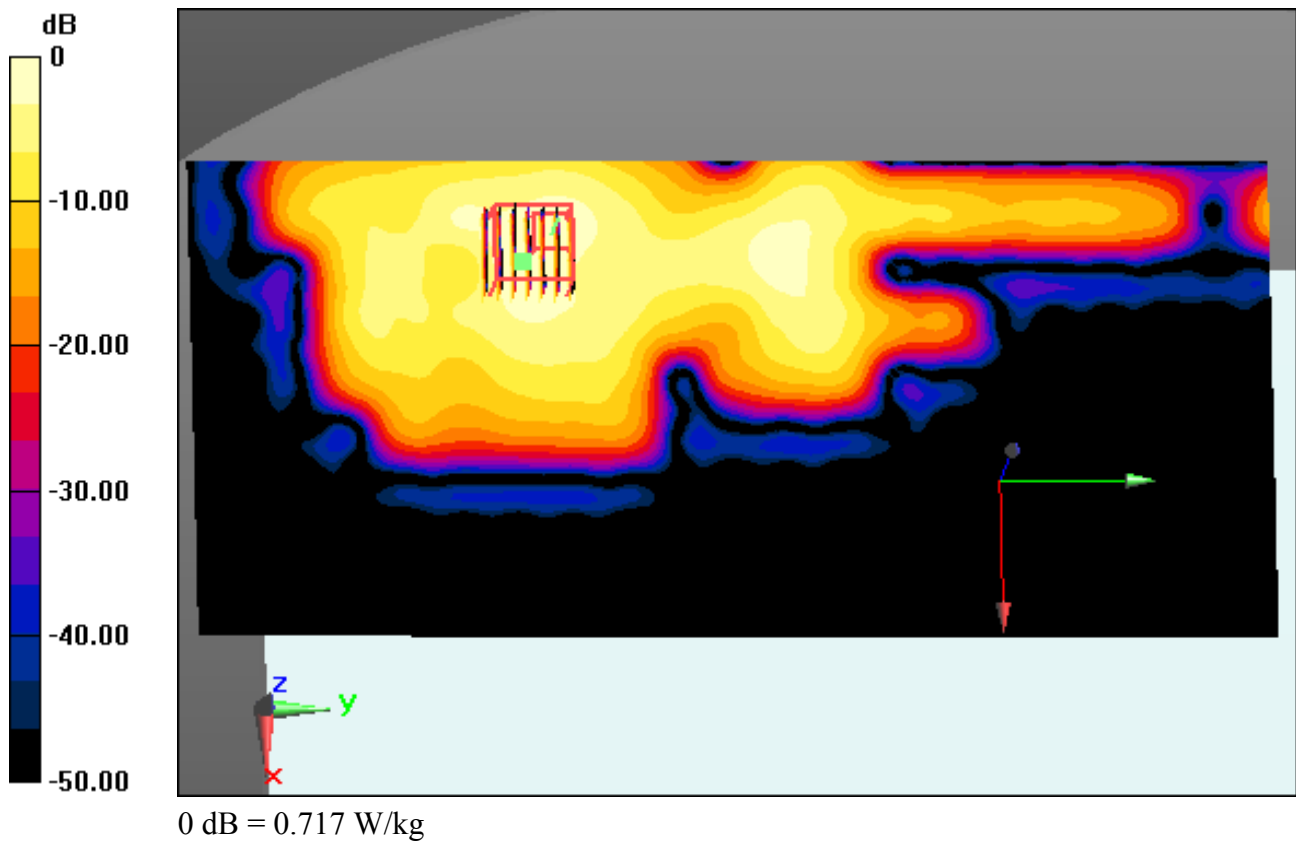
Area Scan (91x201x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.137 W/kg



DT&C Co., Ltd.

DUT: LG15Z96; Type: Notebook Computer

Communication System: W-LAN_5800 (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.99 \text{ S/m}$; $\epsilon_r = 47.839$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.07, 4.07, 4.07); Calibrated: 9/29/2015; Electronics: DAE4 Sn1396
Phantom: ELI v5.0_2013_10_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-18; Ambient Temp; 20.7; Tissue Temp: 20.9

Touch from Body, Rear, W-LAN(5.8G 802.11n HT20) Ch. 157, Ant Internal, MIMO

Area Scan (91x201x1): 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 = -0.16 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.137 W/kg

