

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; $\sigma = 1.78$ S/m; $\epsilon_r = 40.293$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.51, 7.51, 7.51); 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: 2015-10-28; Ambient Temp: 21.1; Tissue Temp: 21.6

2450 MHz System Verification

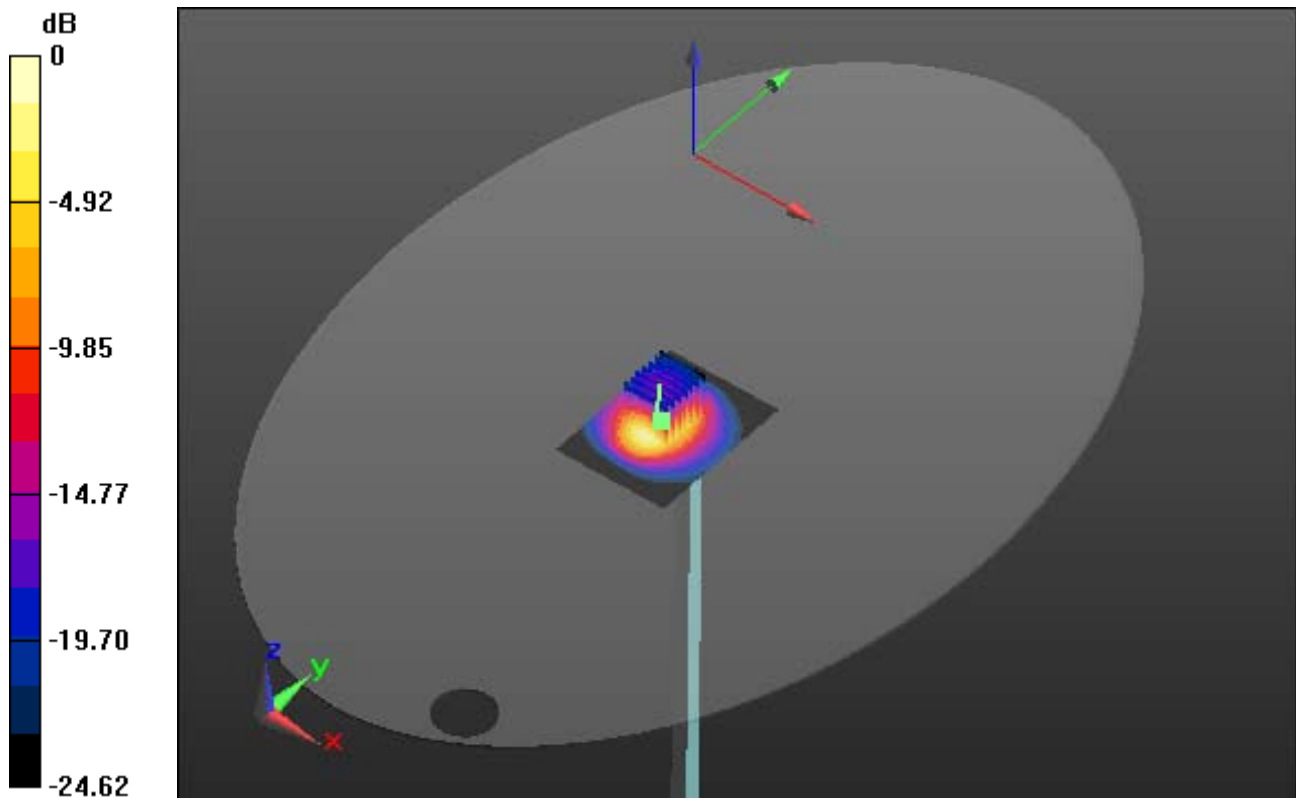
Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.08 W/kg



0 dB = 19.1 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; $\sigma = 1.78$ S/m; $\epsilon_r = 40.293$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.51, 7.51, 7.51); 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: 2015-10-28; Ambient Temp: 21.1; Tissue Temp: 21.6

2450 MHz System Verification

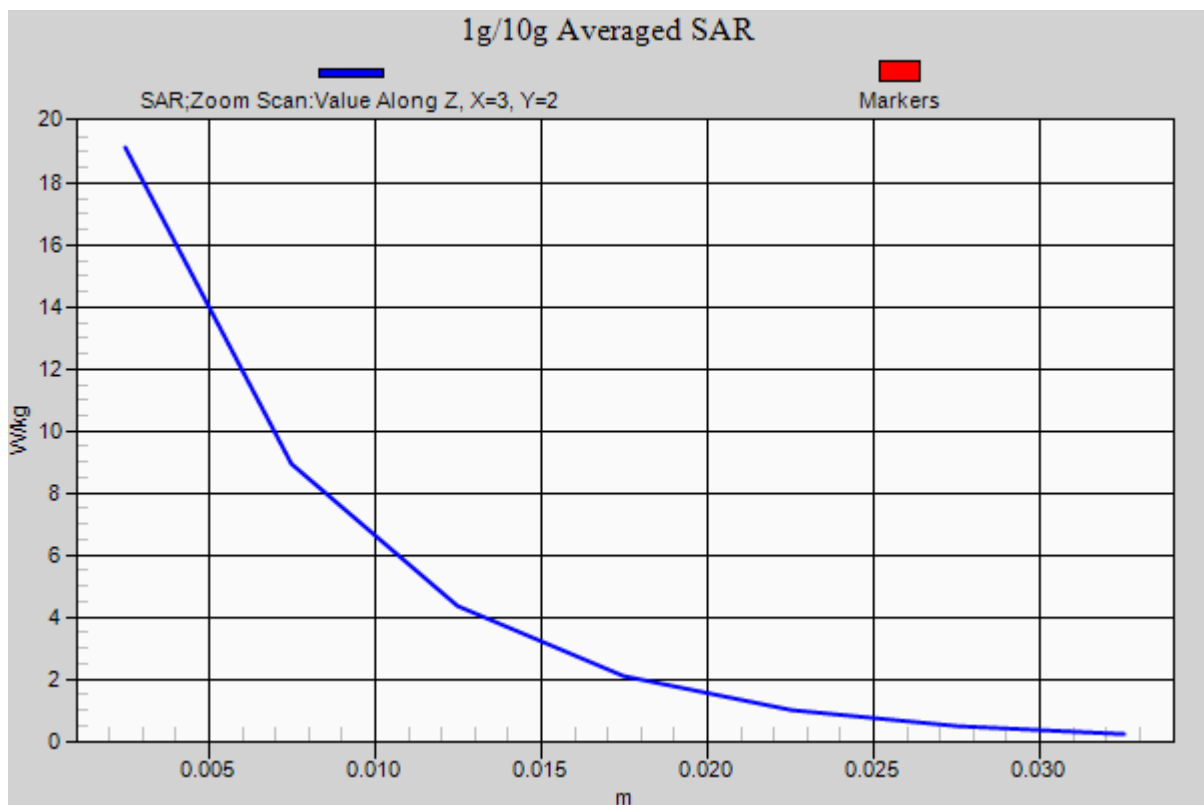
Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.08 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; $\sigma = 1.963$ S/m; $\epsilon_r = 50.945$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp: 21.1; Tissue Temp: 21.4

2450 MHz System Verification

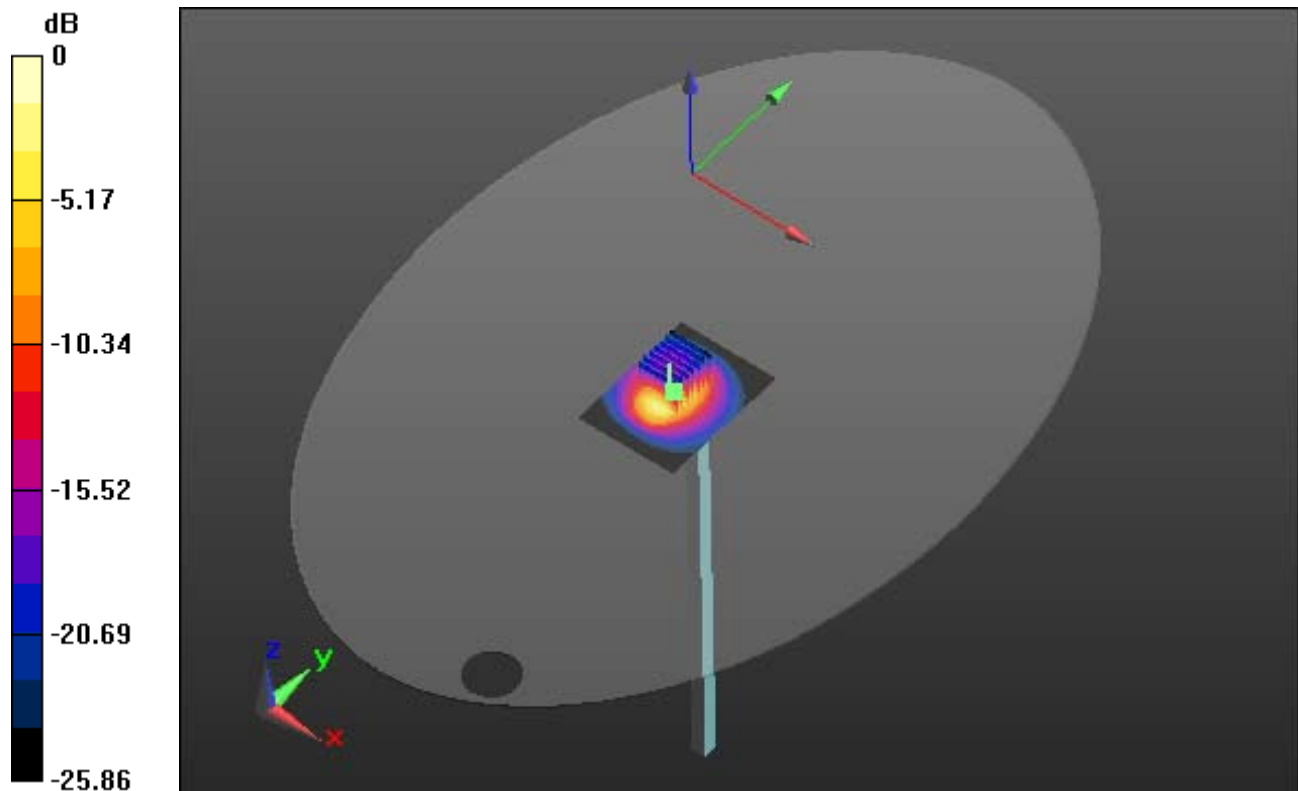
Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.78 W/kg



0 dB = 20.9 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; $\sigma = 1.963$ S/m; $\epsilon_r = 50.945$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp: 21.1; Tissue Temp: 21.4

2450 MHz System Verification

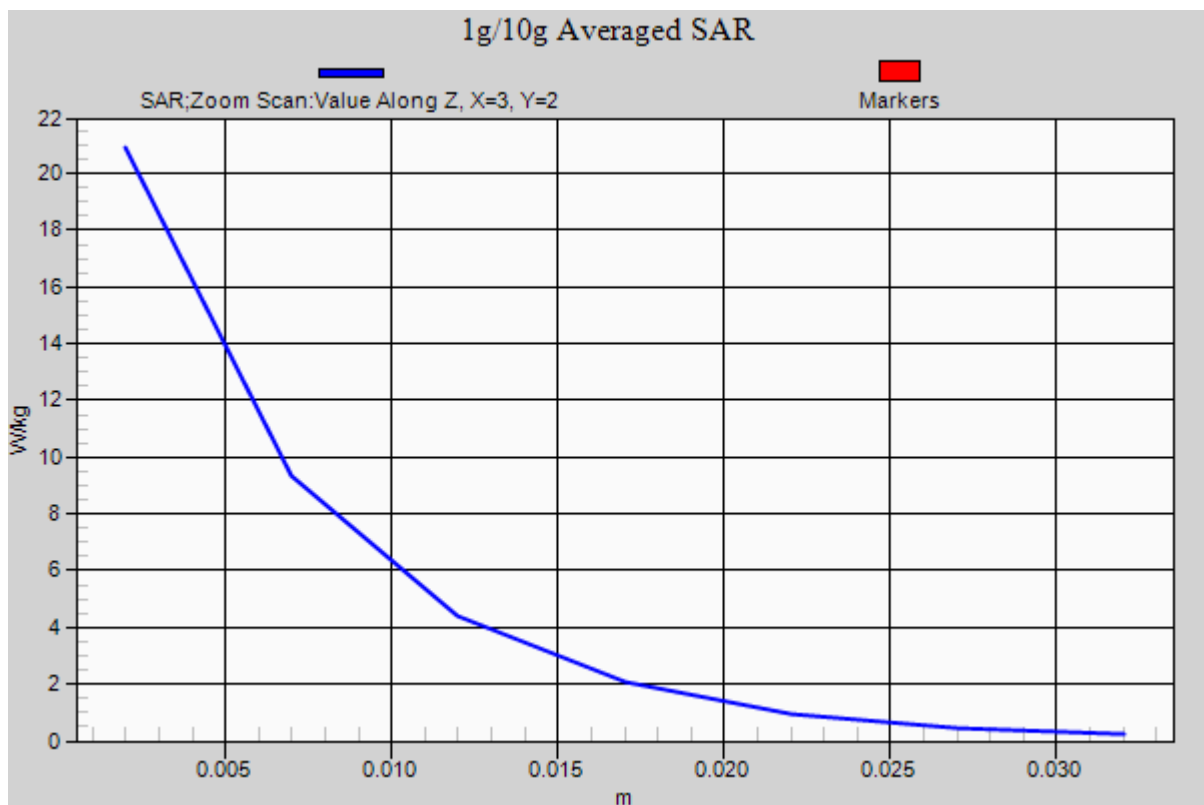
Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.78 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; $\sigma = 4.798$ S/m; $\epsilon_r = 36.05$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.25, 5.25, 5.25); 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: 2015-10-28; Ambient Temp: 21.1; Tissue Temp: 21.7

5200 MHz System Verification

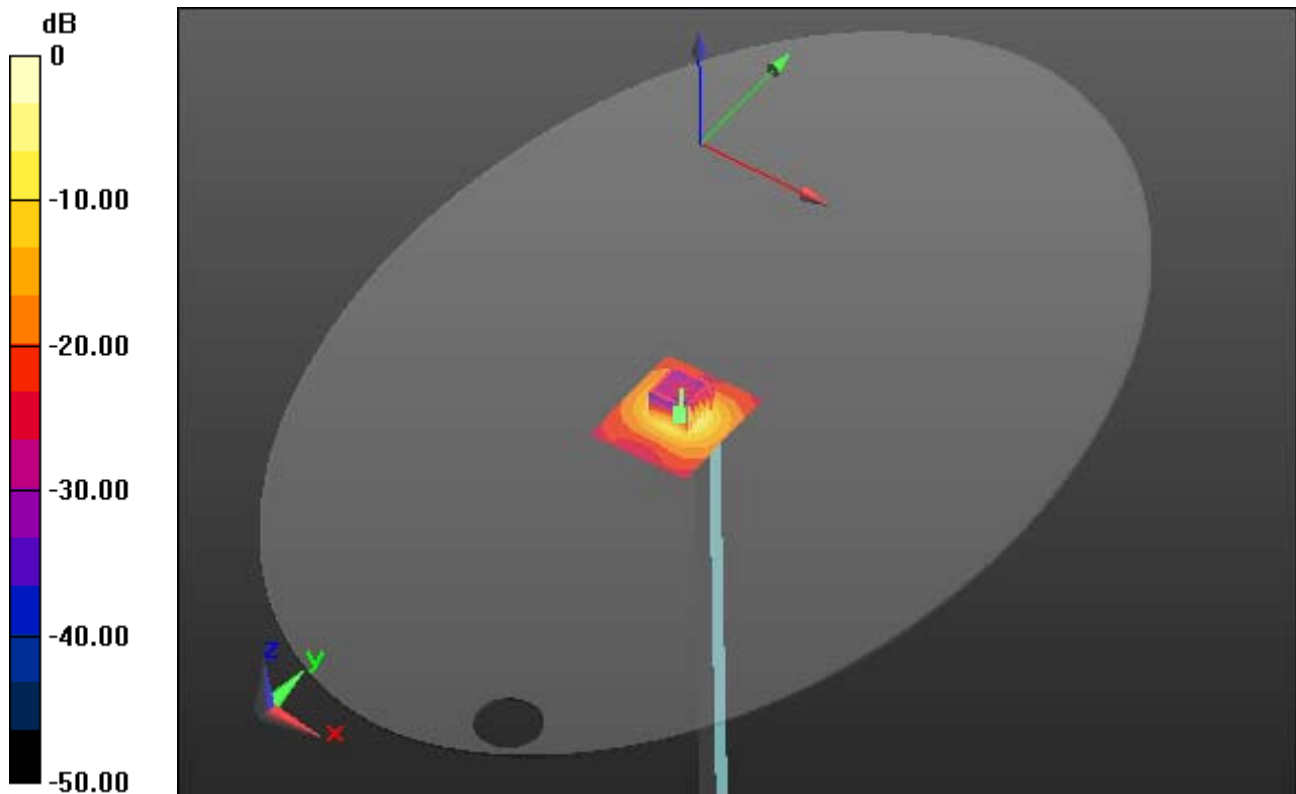
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.25 W/kg



0 dB = 16.0 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; $\sigma = 4.798$ S/m; $\epsilon_r = 36.05$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.25, 5.25, 5.25); 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: 2015-10-28; Ambient Temp: 21.1; Tissue Temp: 21.7

5200 MHz System Verification

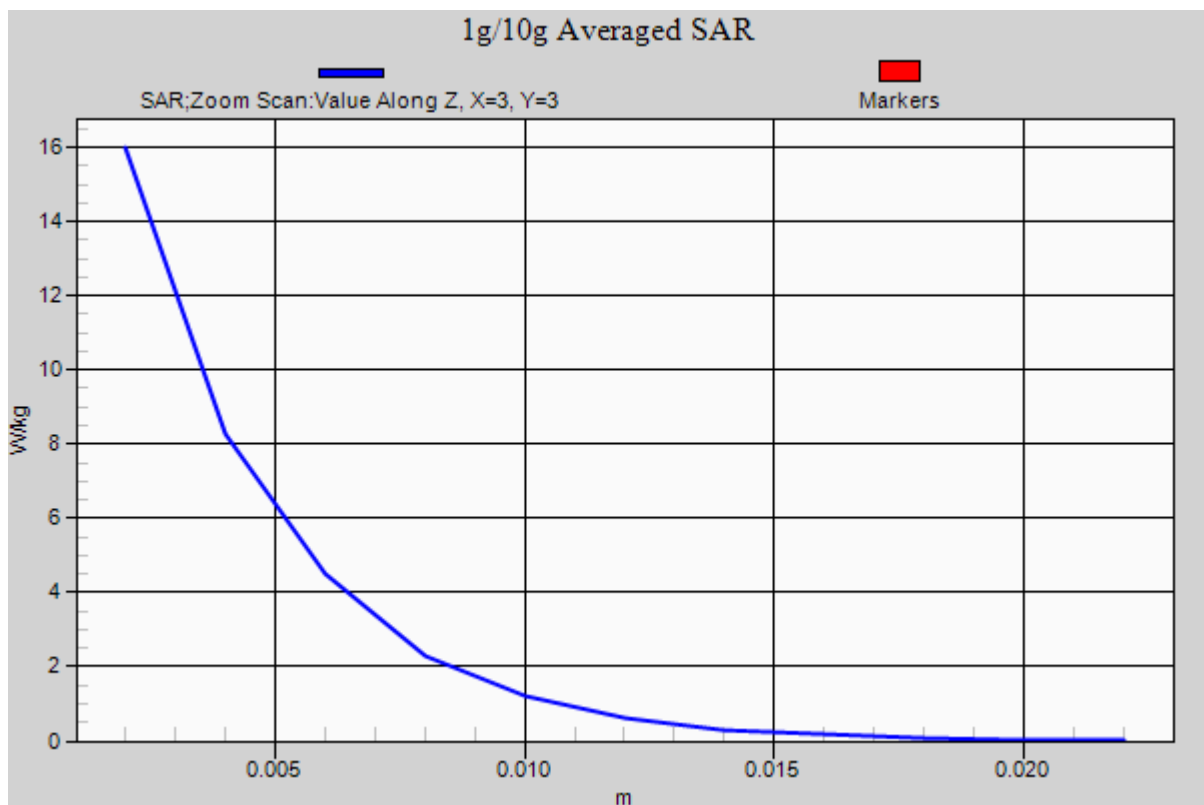
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.25 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; $\sigma = 5.219$ S/m; $\epsilon_r = 49.424$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp: 21.1; Tissue Temp: 21.5

5200 MHz System Verification

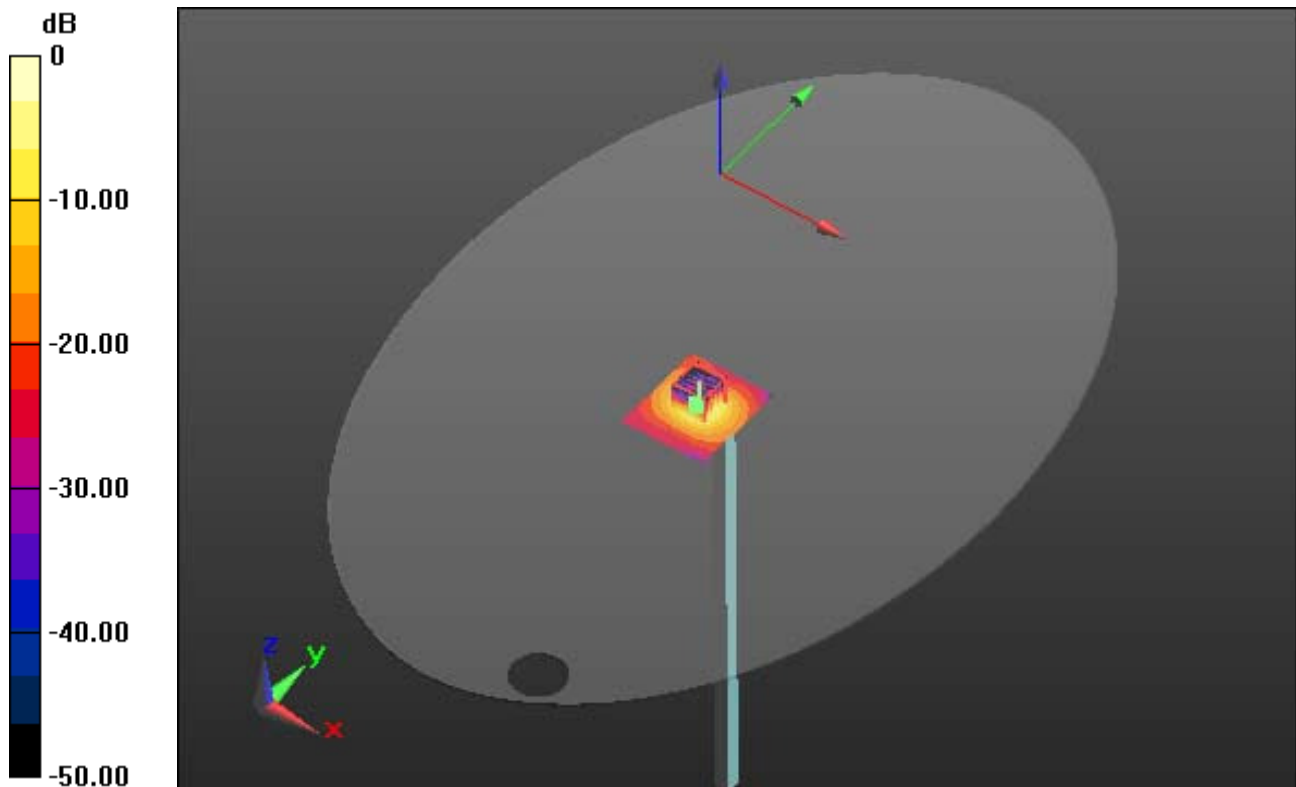
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 35.8 W/kg

SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.06 W/kg



0 dB = 16.2 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; $\sigma = 5.219$ S/m; $\epsilon_r = 49.424$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp: 21.1; Tissue Temp: 21.5

5200 MHz System Verification

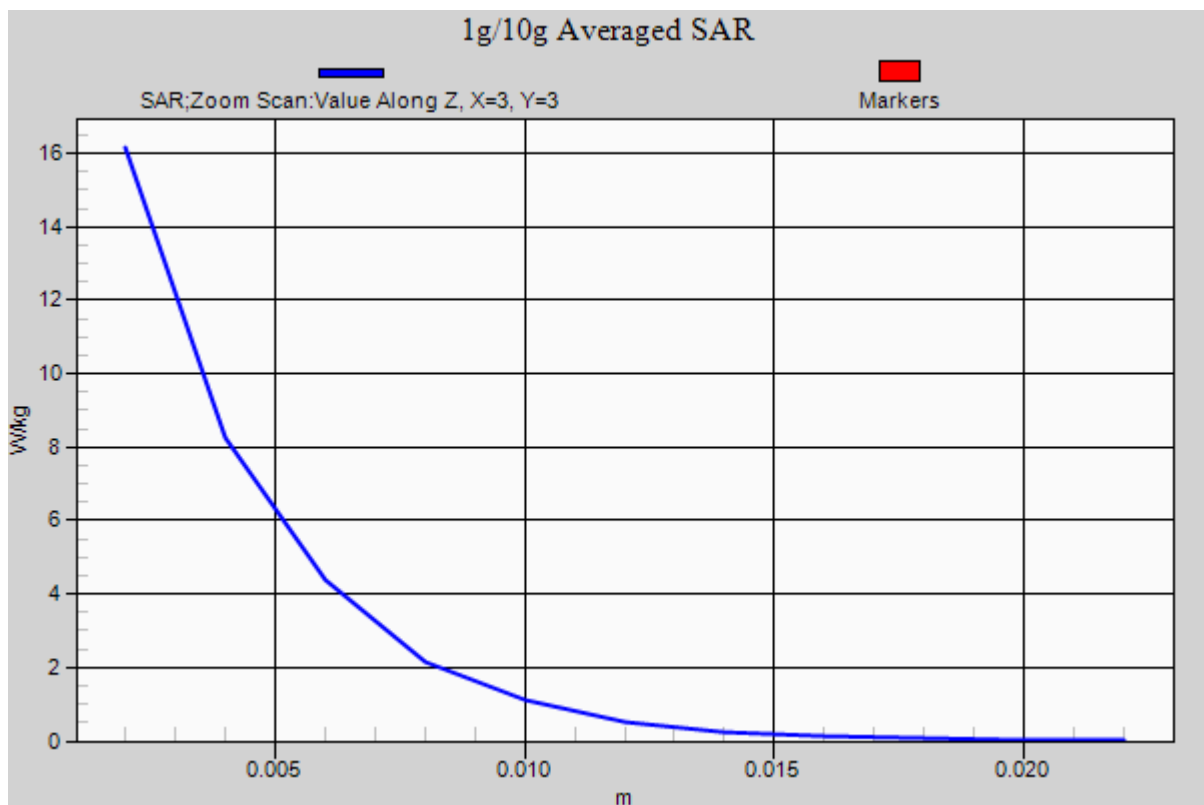
Area Scan (61x71x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 35.8 W/kg

SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.06 W/kg



DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.745$ S/m; $\epsilon_r = 40.318$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.51, 7.51, 7.51); 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.6

Touch From Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal, MIMO

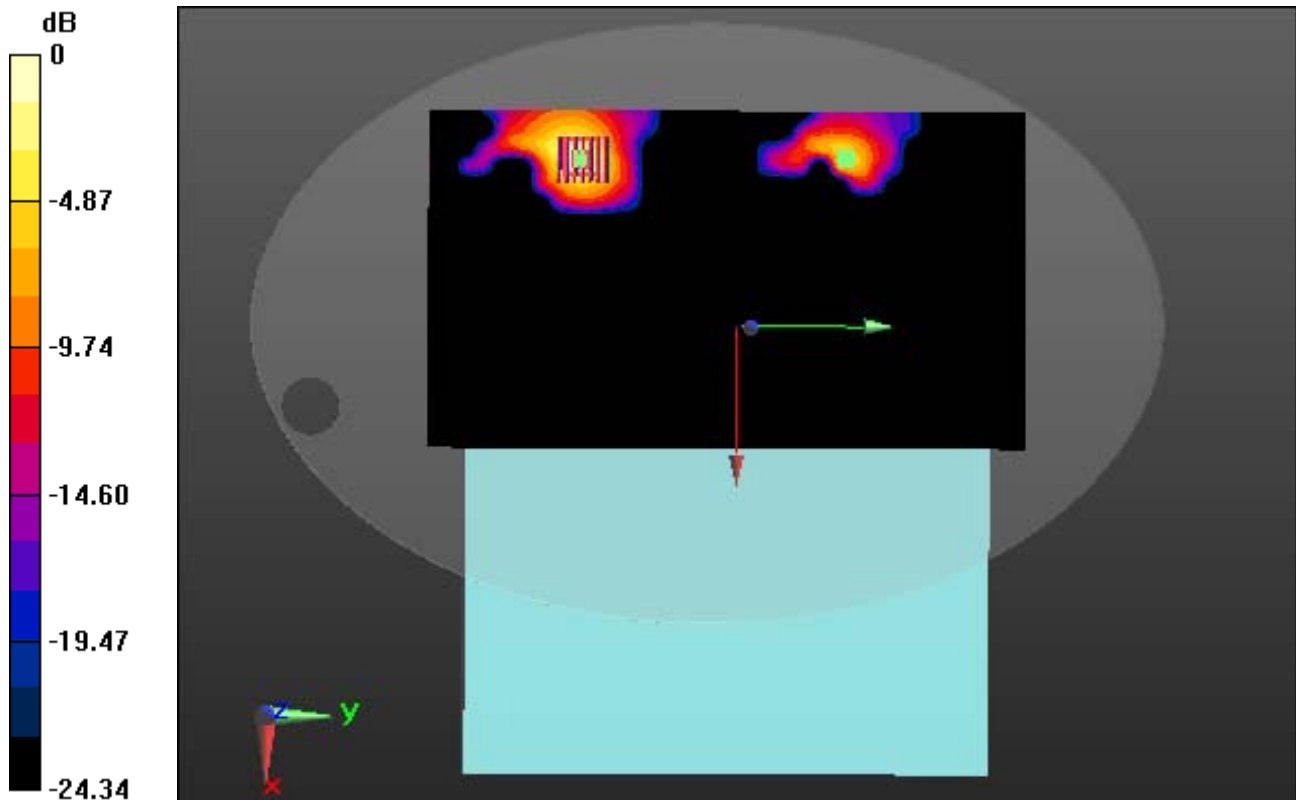
Area Scan (181x321x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 0.393 W/kg

DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.745$ S/m; $\epsilon_r = 40.318$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.51, 7.51, 7.51); 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.6

Touch From Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal, MIMO

With Enlarge Plot image

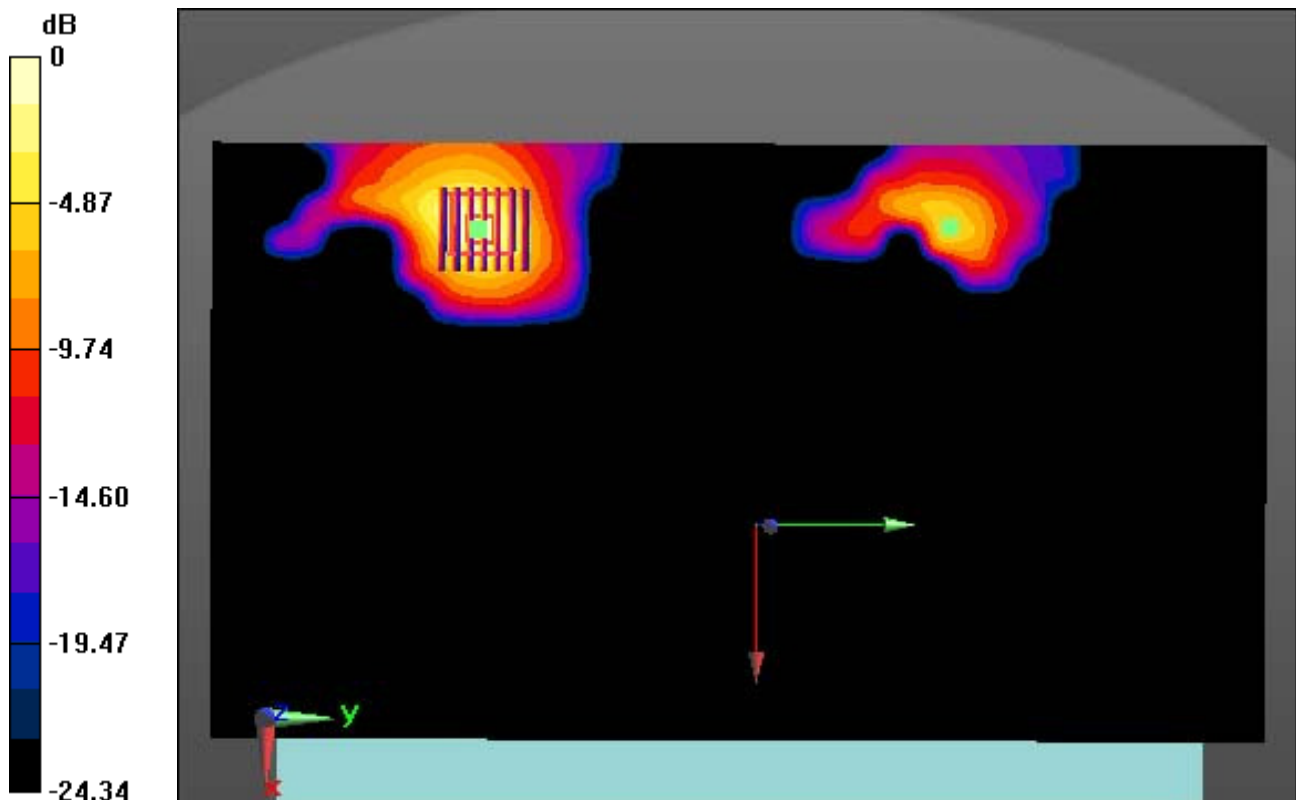
Area Scan (181x321x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 0.393 W/kg

DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.745$ S/m; $\epsilon_r = 40.318$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.51, 7.51, 7.51); 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.6

Touch From Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal, MIMO

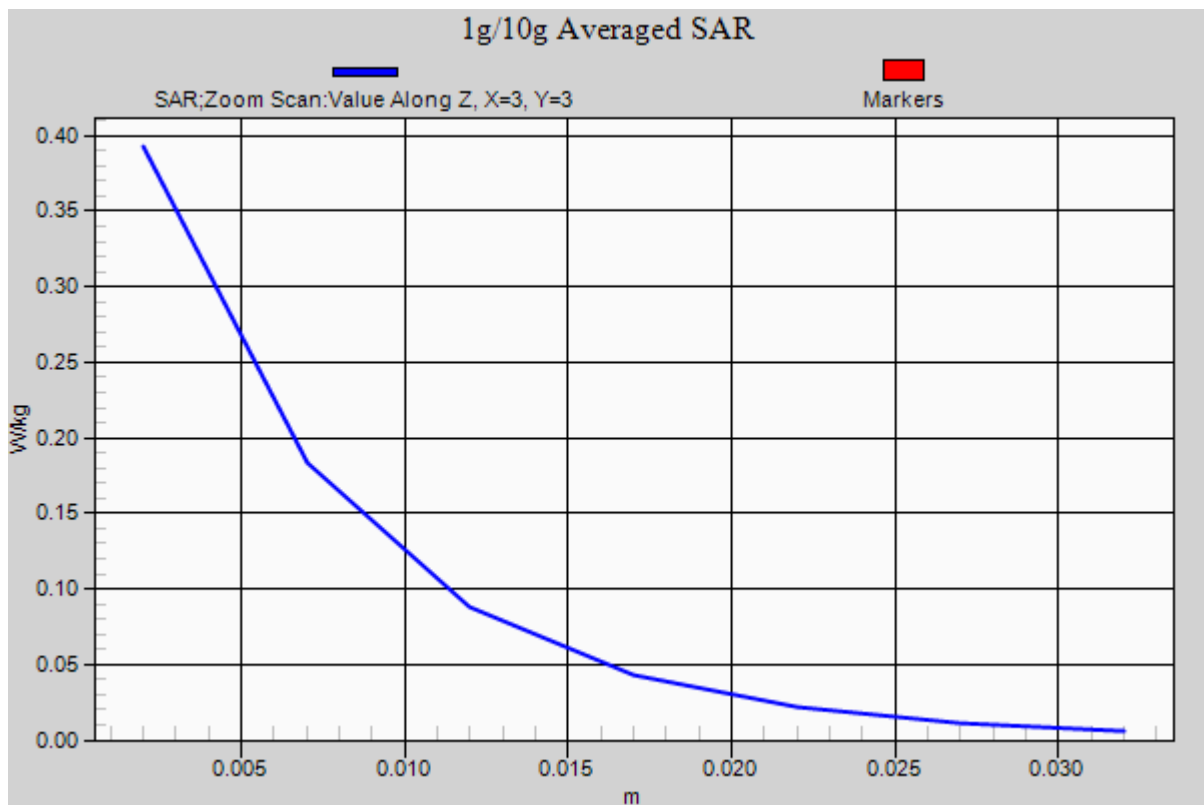
Area Scan (181x321x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.117 W/kg



DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN_5200(40,44) (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 4.843$ S/m; $\epsilon_r = 36.027$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.25, 5.25, 5.25); 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.7

Touch From Body, Front, W-LAN(802.11n HT40) Ch. 46, Ant Internal, MIMO

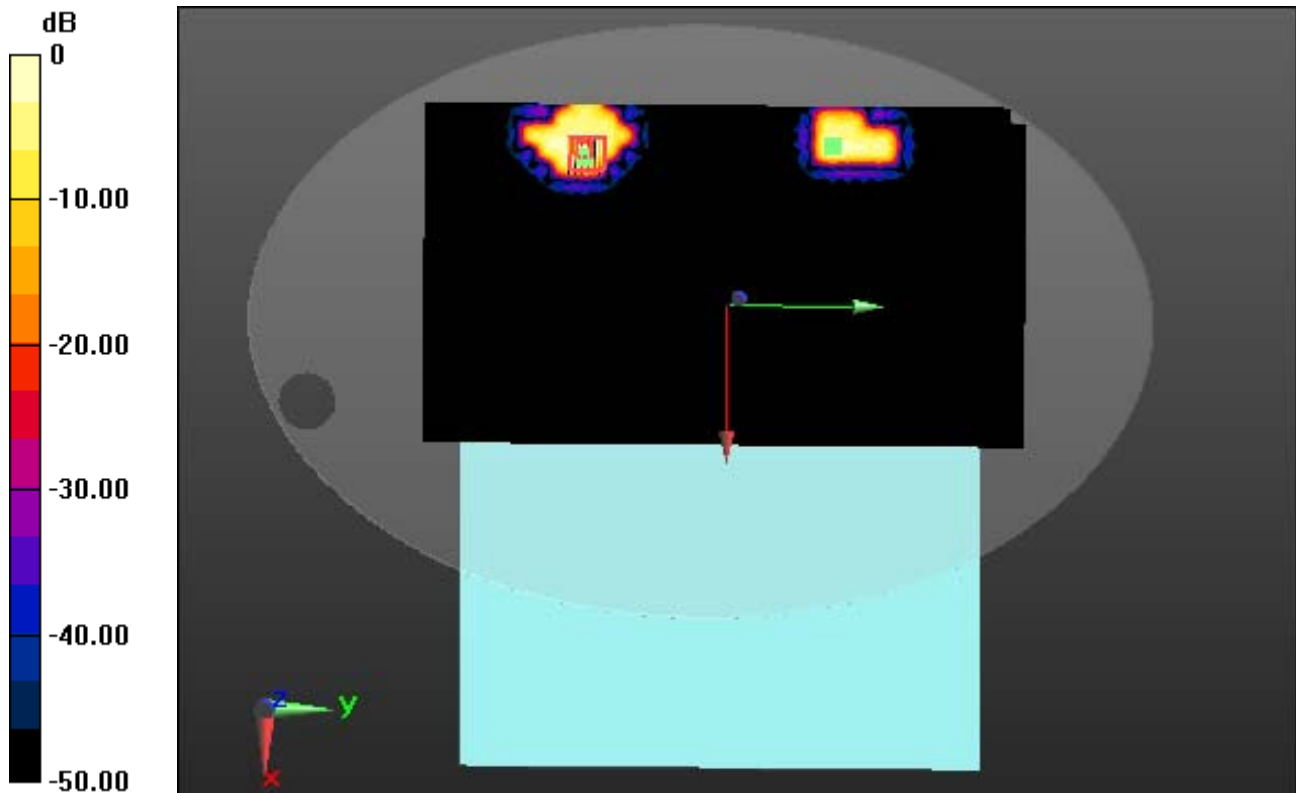
Area Scan (221x391x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.028 W/kg



0 dB = 0.176 W/kg

DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN_5200(40,44) (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 4.843$ S/m; $\epsilon_r = 36.027$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.25, 5.25, 5.25); 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.7

Touch From Body, Front, W-LAN(802.11n HT40) Ch. 46, Ant Internal, MIMO

With Enlarge Plot image

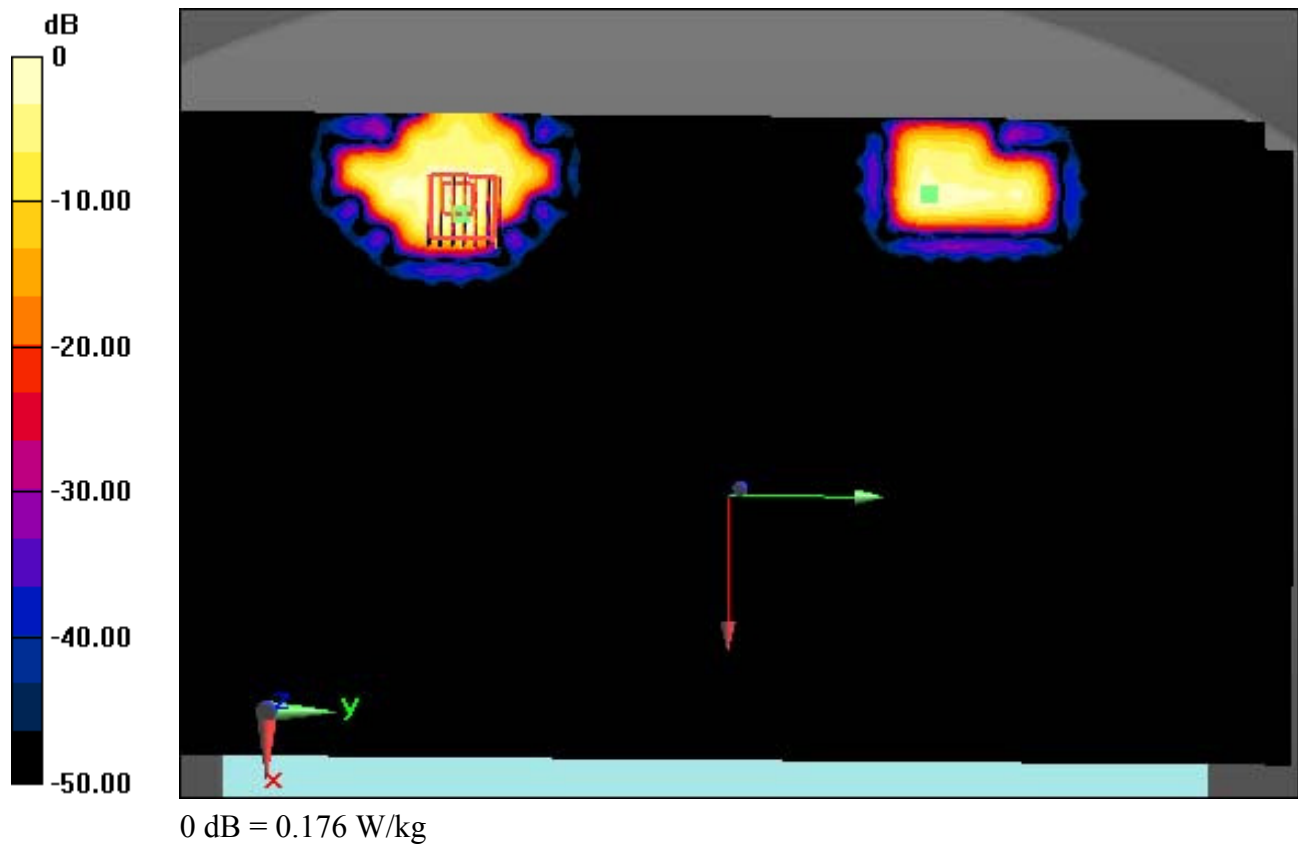
Area Scan (221x391x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.028 W/kg



DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN_5200(40,44) (0); Frequency: 5230 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 4.843$ S/m; $\epsilon_r = 36.027$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.25, 5.25, 5.25); 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.7

Touch From Body, Front, W-LAN(802.11n HT40) Ch. 46, Ant Internal, MIMO

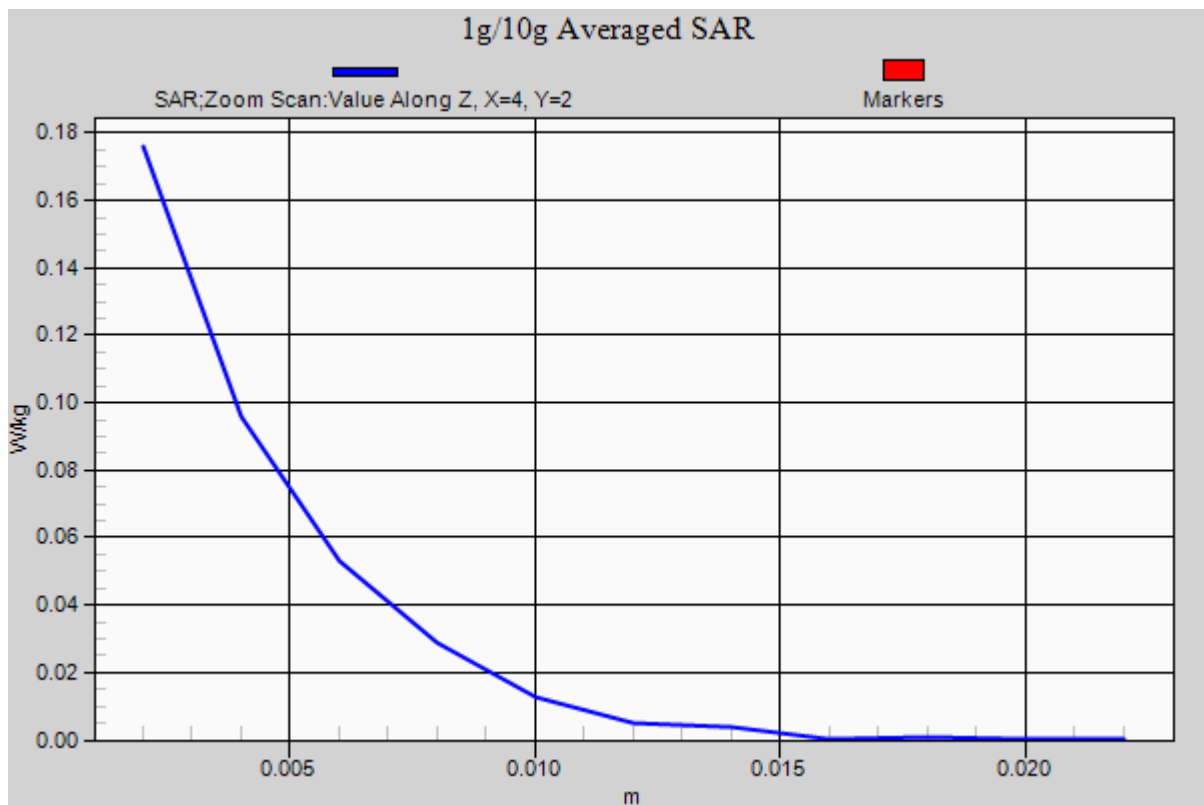
Area Scan (221x391x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.028 W/kg



DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 51.056$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.4

Touch From Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal, MIMO

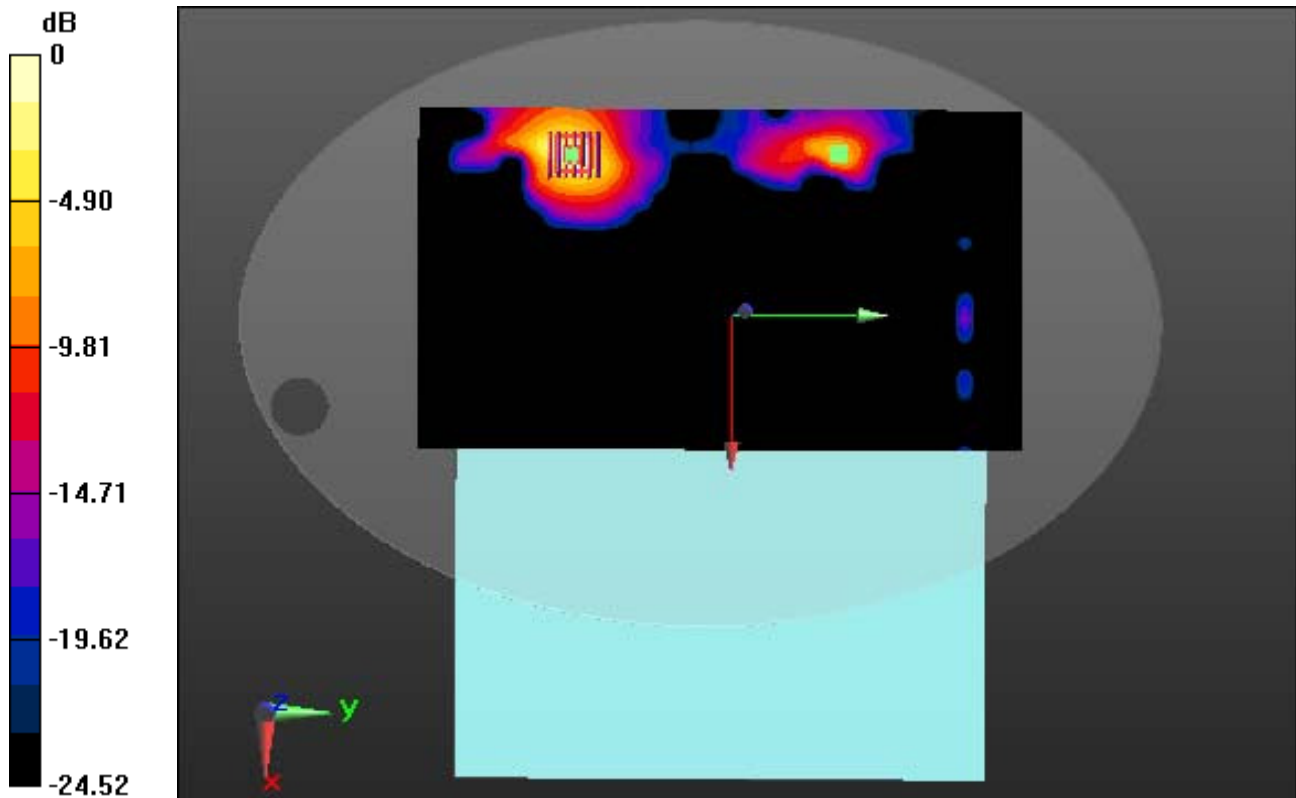
Area Scan (181x321x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.125 W/kg



0 dB = 0.433 W/kg

DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 51.056$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.4

Touch From Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal, MIMO

With Enlarge Plot image

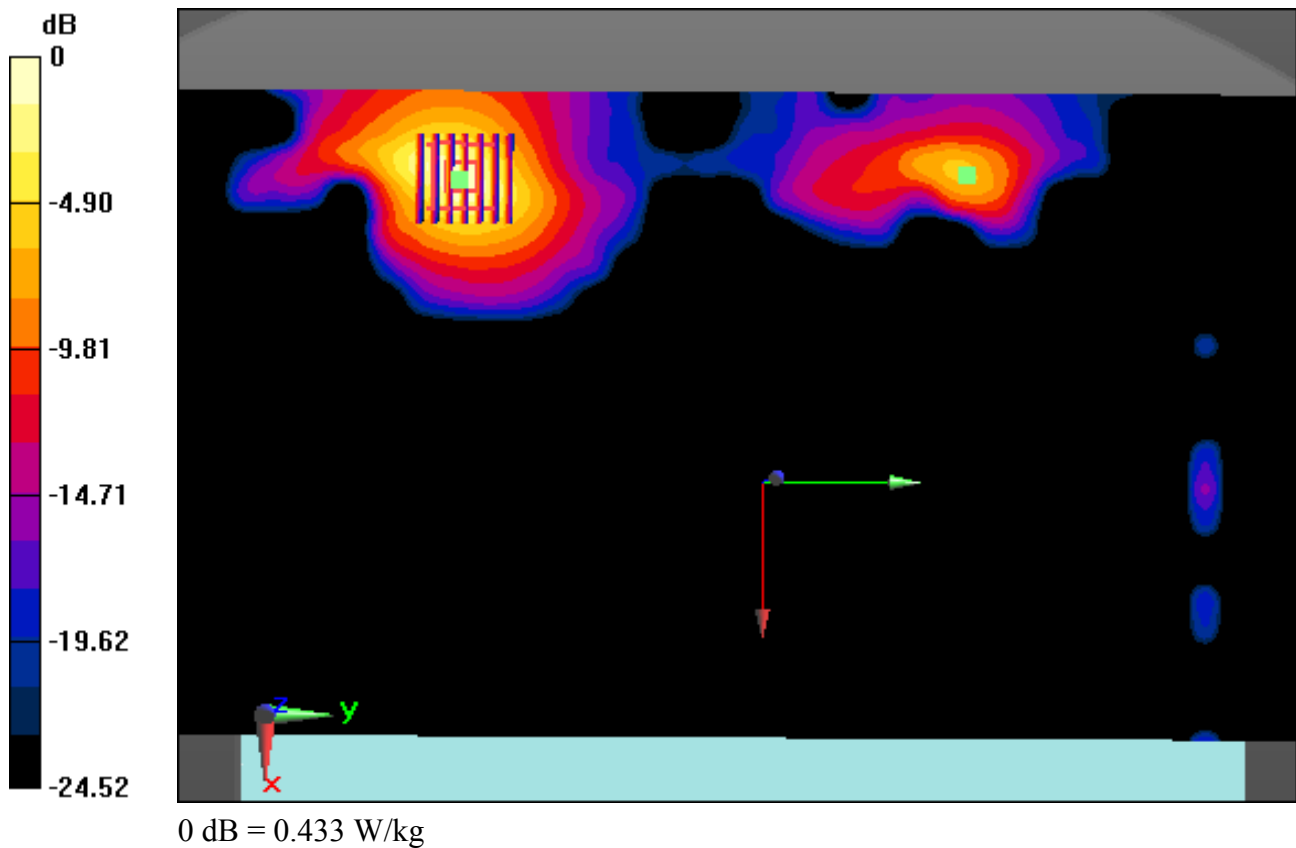
Area Scan (181x321x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.125 W/kg



DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 51.056$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.4

Touch From Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal, MIMO

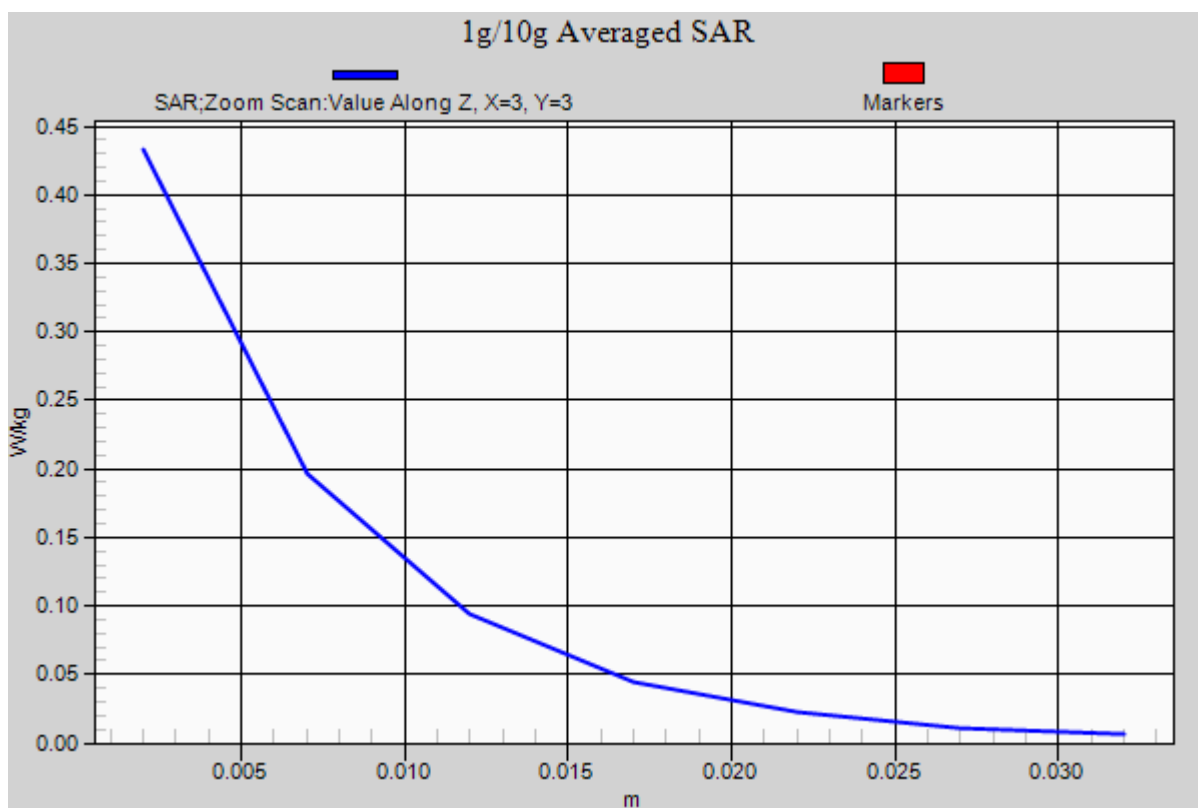
Area Scan (181x321x1): Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.125 W/kg



DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN_5200(40,44) (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 5.266$ S/m; $\epsilon_r = 49.412$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.5

Touch From Body, Front, W-LAN(802.11n HT40) Ch. 46, Ant Internal, MIMO

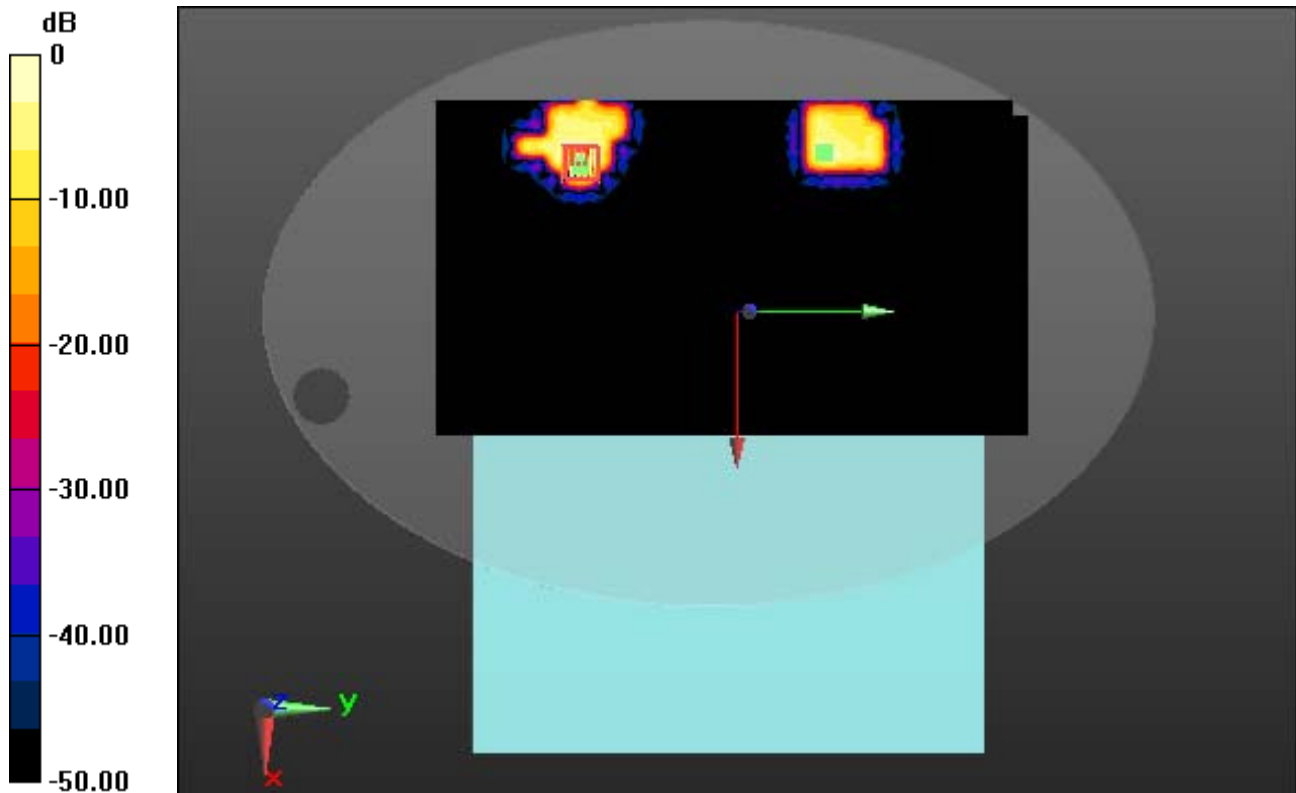
Area Scan (221x391x1): Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.106 W/kg

DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN_5200(40,44) (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 5.266$ S/m; $\epsilon_r = 49.412$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.5

Touch From Body, Front, W-LAN(802.11n HT40) Ch. 46, Ant Internal, MIMO

With Enlarge Plot image

Area Scan (221x391x1): 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) = 0.200 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.106 W/kg

DT&C Co., Ltd.

DUT: 1012WCA; Type: X-ray Detector

Communication System: W-LAN_5200(40,44) (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 5.266$ S/m; $\epsilon_r = 49.412$; $\rho = 1000$ 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: 2015-10-28; Ambient Temp; 21.1; Tissue Temp: 21.5

Touch From Body, Front, W-LAN(802.11n HT40) Ch. 46, Ant Internal, MIMO

Area Scan (221x391x1): 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) = 0.200 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.015 W/kg

