

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 38.003$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.9, 6.9, 6.9); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-11; Ambient Temp: 21.5 Tissue Temp: 21.9

2450 MHz System Verification

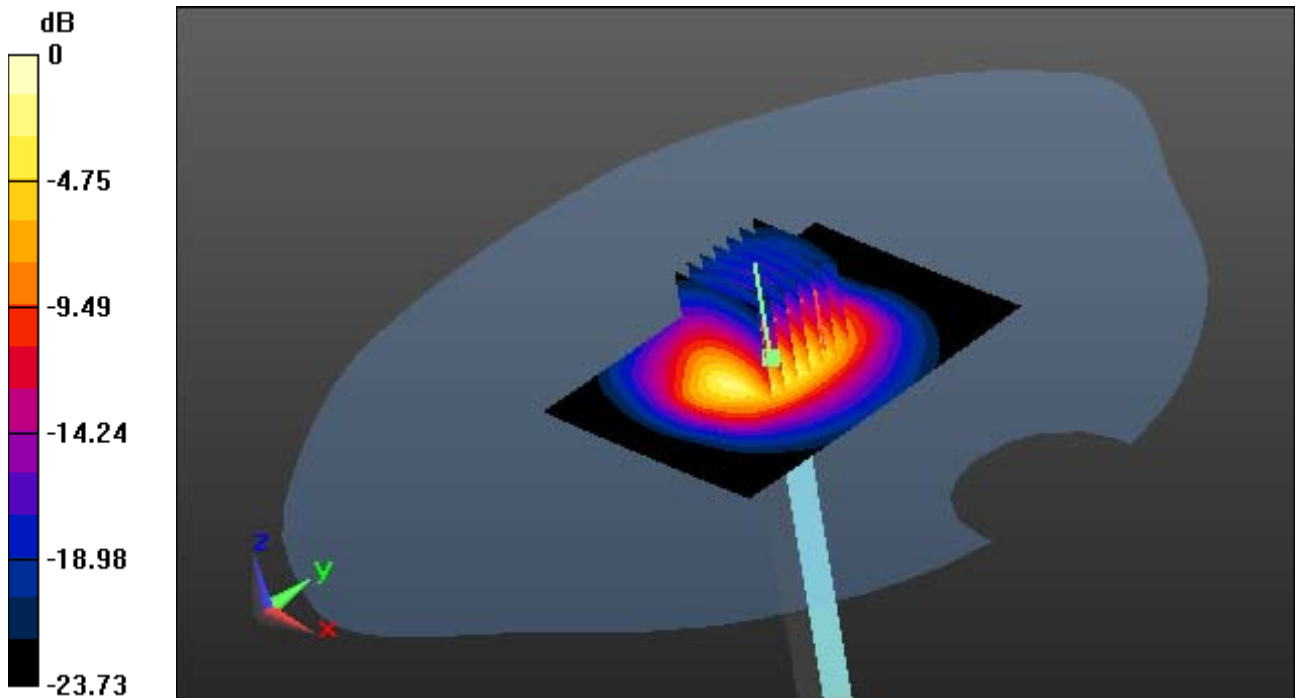
Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 29.8 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 5.97 W/kg



0 dB = 19.3 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 38.003$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.9, 6.9, 6.9); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-11; Ambient Temp: 21.5 Tissue Temp: 21.9

2450 MHz System Verification

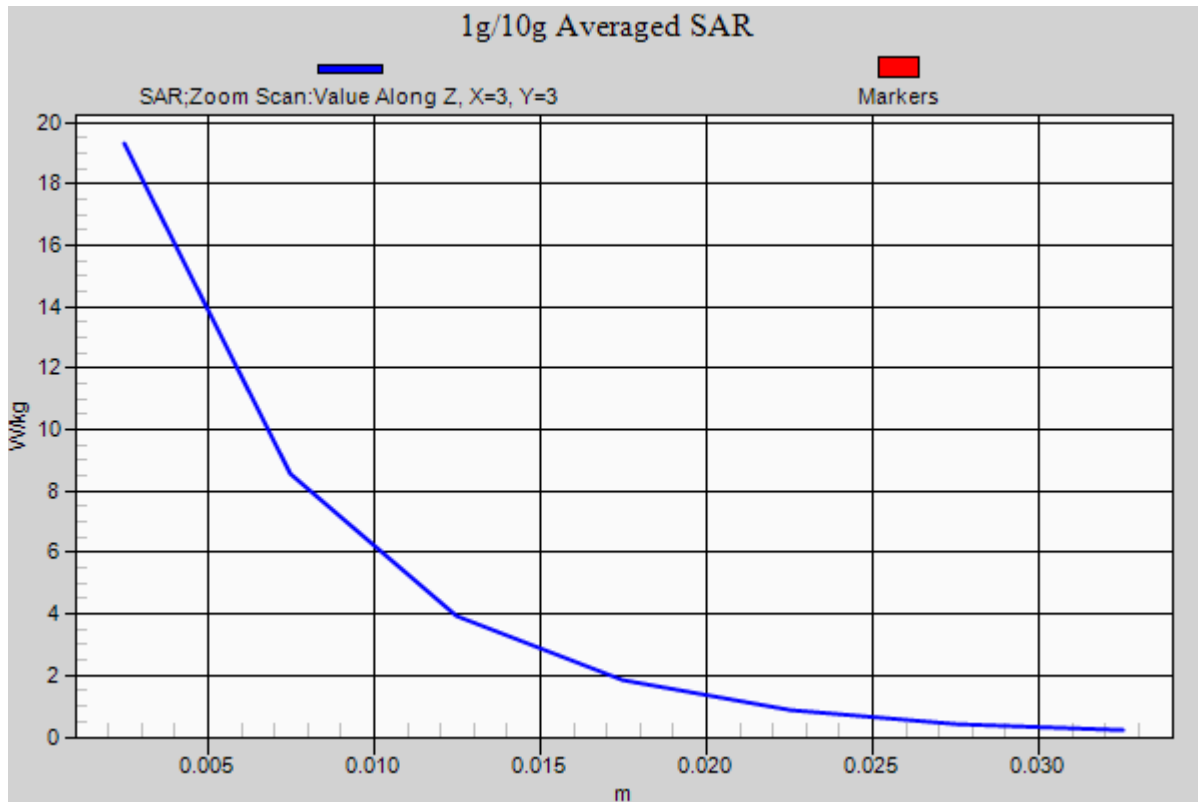
Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 29.8 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 5.97 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 52.853$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-11; Ambient Temp: 21.5 Tissue Temp: 21.9

2450 MHz System Verification

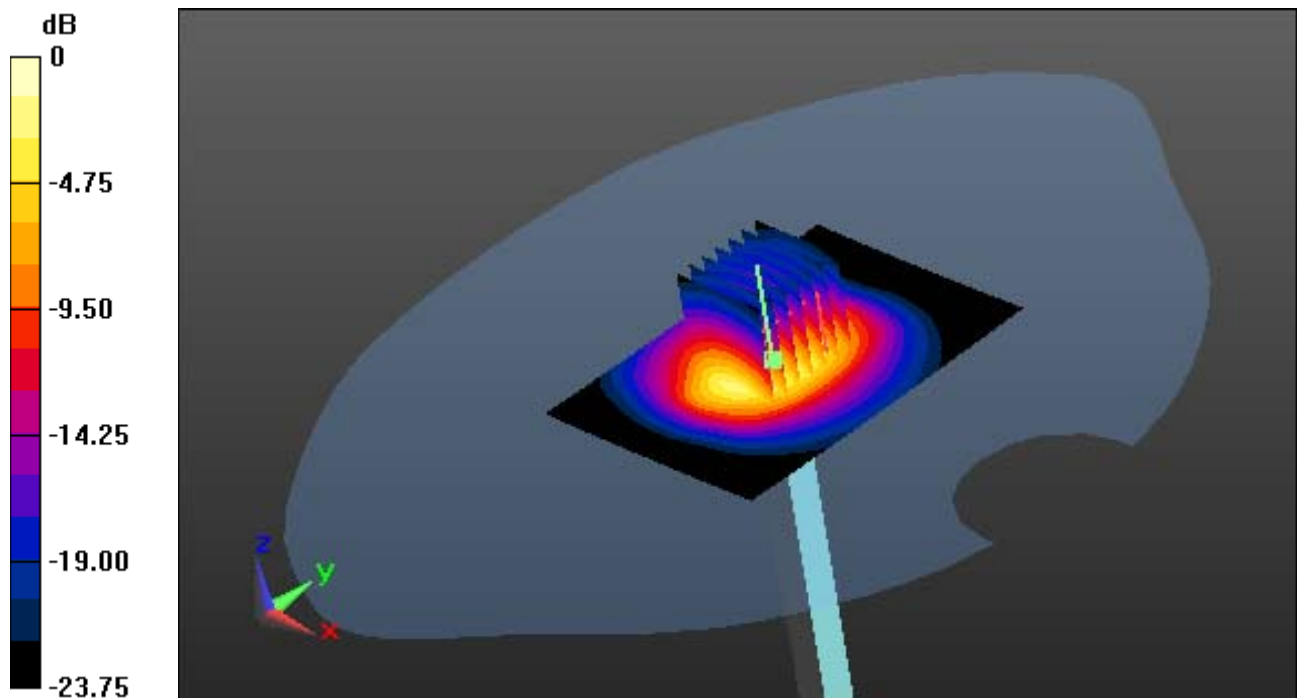
Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.18 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; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 52.853$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-11; Ambient Temp: 21.5 Tissue Temp: 21.9

2450 MHz System Verification

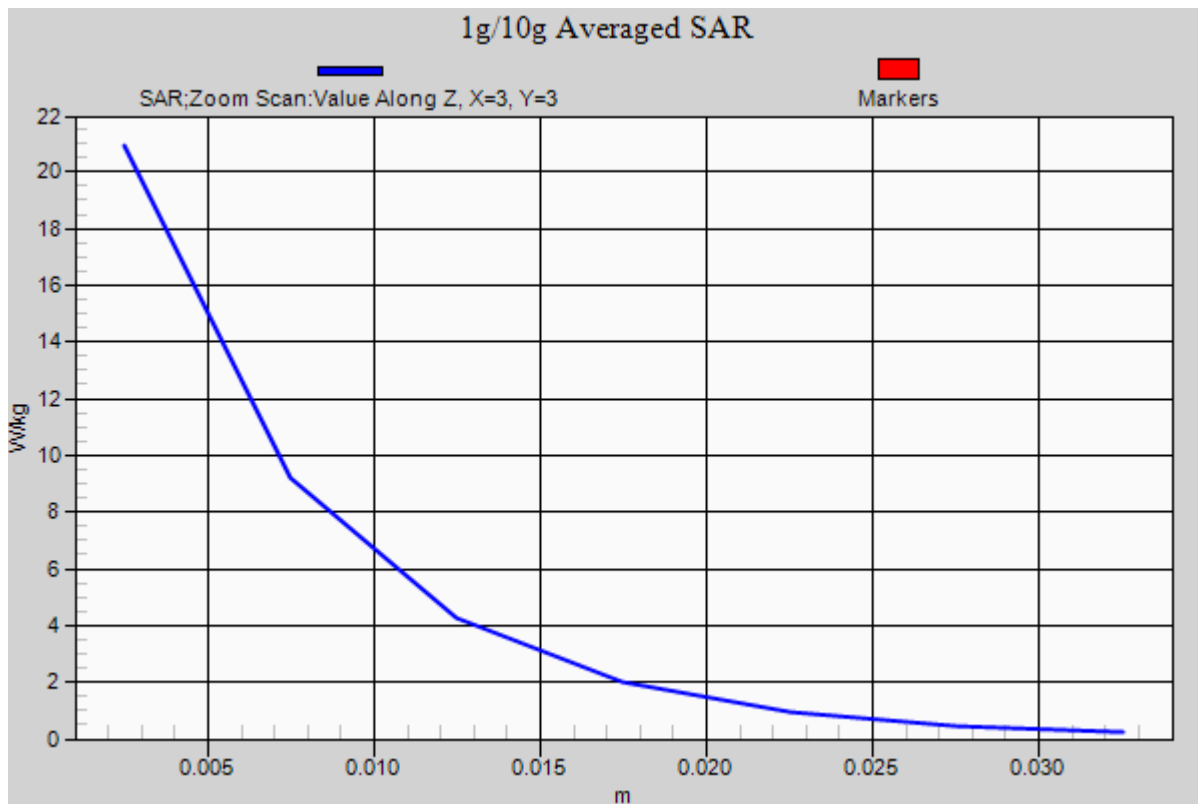
Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.18 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.694$ S/m; $\epsilon_r = 35.404$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.16, 5.16, 5.16); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-12; Ambient Temp: 21.9 Tissue Temp: 22.3

5200 MHz System Verification

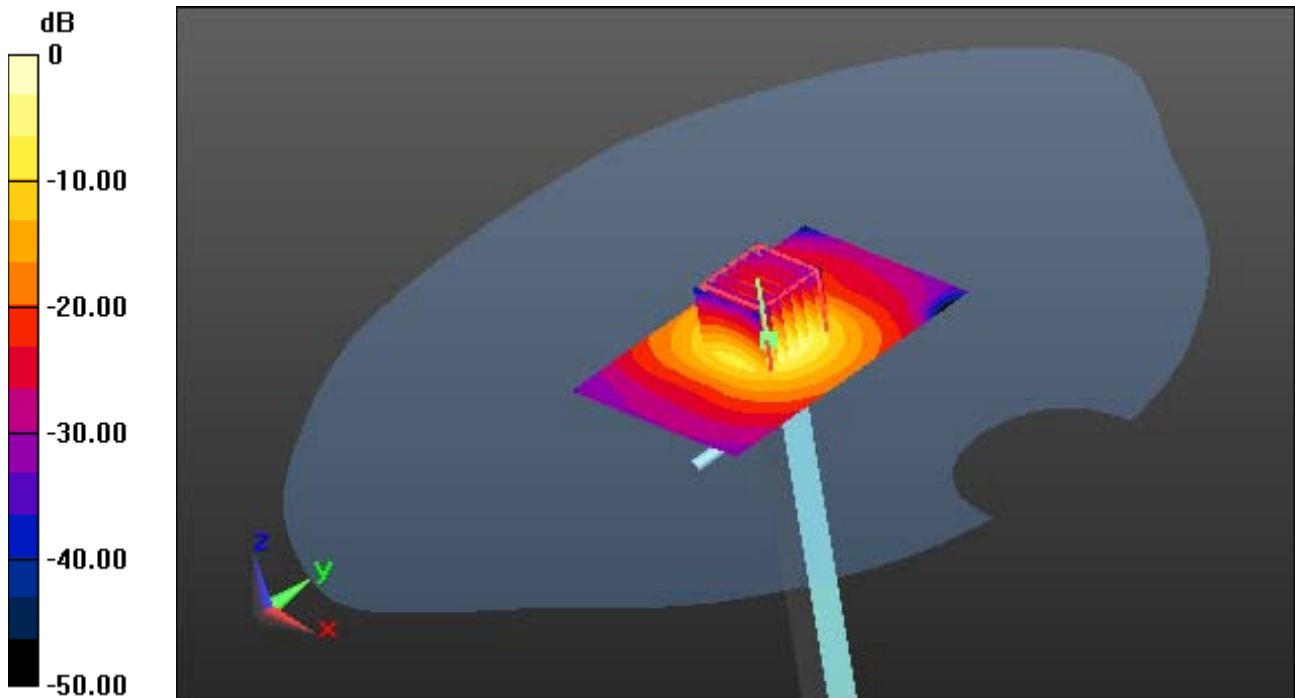
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 46.0 W/kg

SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.23 W/kg



0 dB = 24.5 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.694$ S/m; $\epsilon_r = 35.404$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.16, 5.16, 5.16); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9 Tissue Temp: 22.3

5200 MHz System Verification

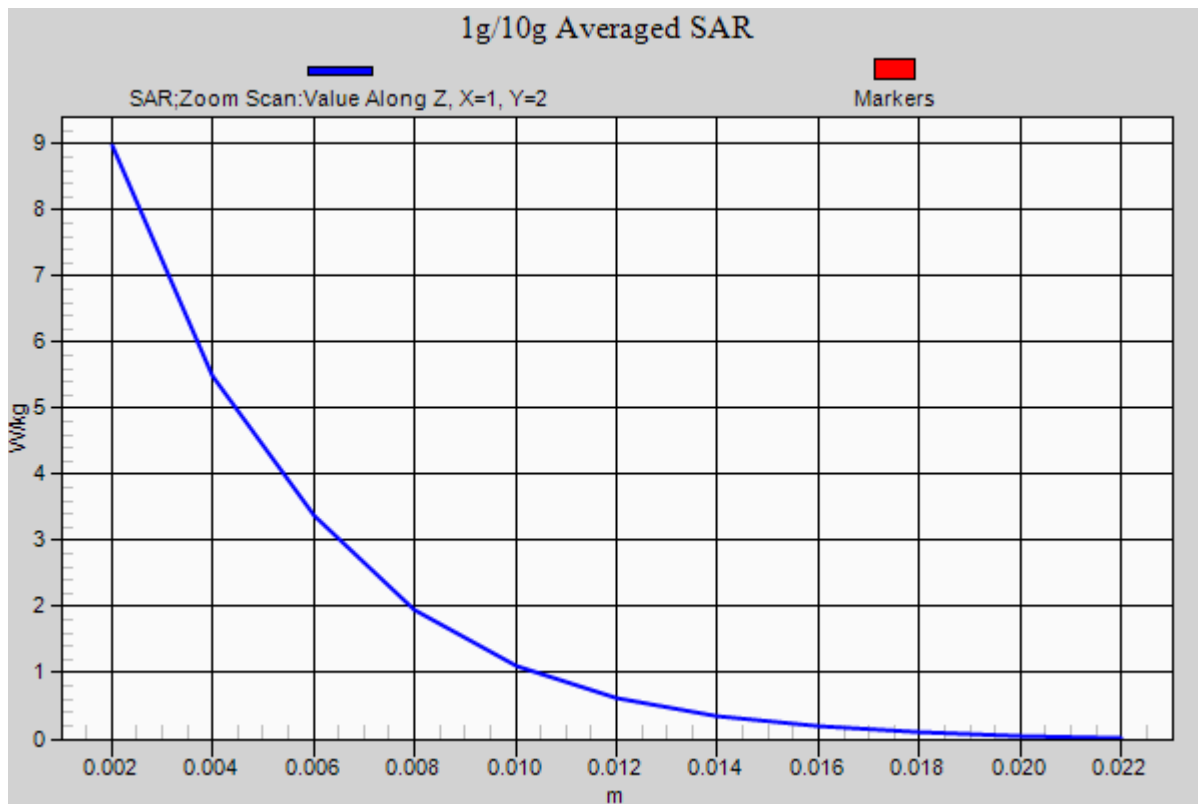
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 46.0 W/kg

SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.23 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; $\sigma = 5.192$ S/m; $\epsilon_r = 48.685$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.28, 4.28, 4.28); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-12; Ambient Temp: 21.9 Tissue Temp: 22.3

5200 MHz System Verification

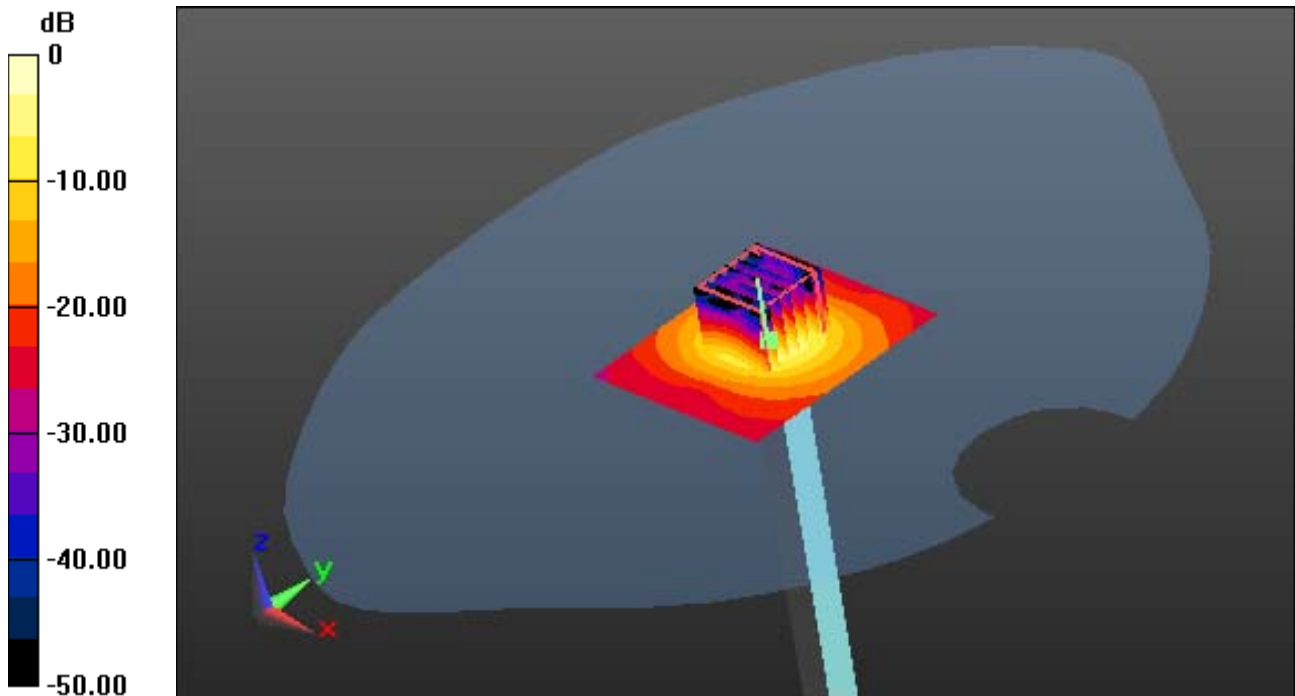
Area Scan (61x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 7.12 W/kg; SAR(10 g) = 1.96 W/kg



0 dB = 14.9 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; $\sigma = 5.192$ S/m; $\epsilon_r = 48.685$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.28, 4.28, 4.28); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-12; Ambient Temp: 21.9 Tissue Temp: 22.3

5200 MHz System Verification

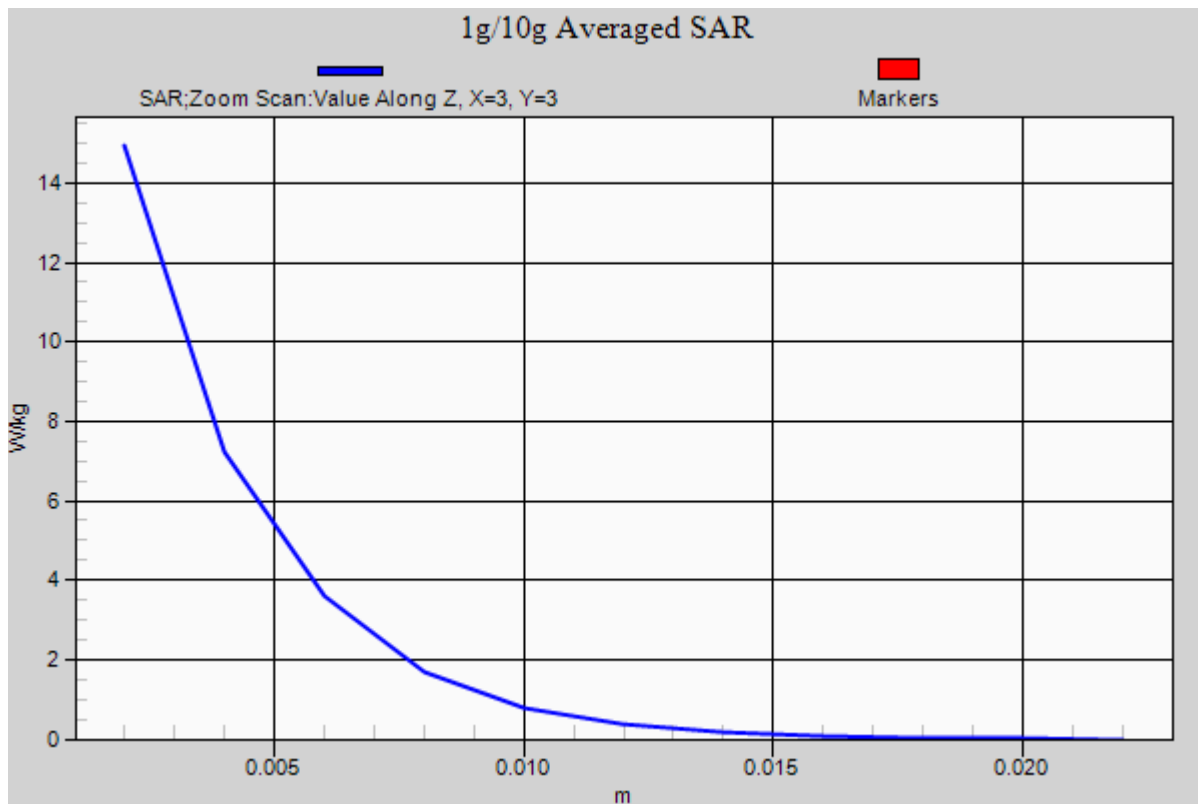
Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 7.12 W/kg; SAR(10 g) = 1.96 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.771 \text{ S/m}$; $\epsilon_r = 34.972$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.94, 4.94, 4.94); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-13; Ambient Temp: 21.4 Tissue Temp: 21.8

5300 MHz System Verification

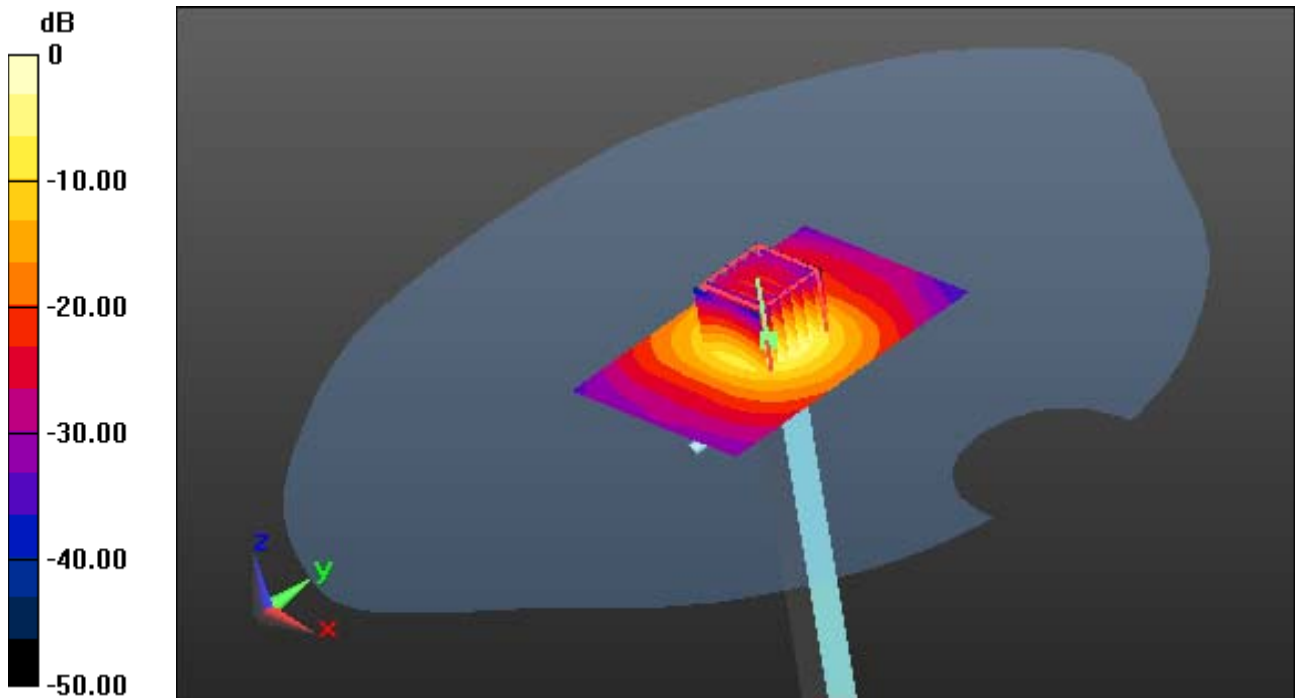
Area Scan (61x91x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 43.6 W/kg

SAR(1 g) = 8.35 W/kg; SAR(10 g) = 2.38 W/kg



0 dB = 23.2 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; $\sigma = 5.304$ S/m; $\epsilon_r = 48.412$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-13; Ambient Temp: 21.4 Tissue Temp: 21.8

5300 MHz System Verification

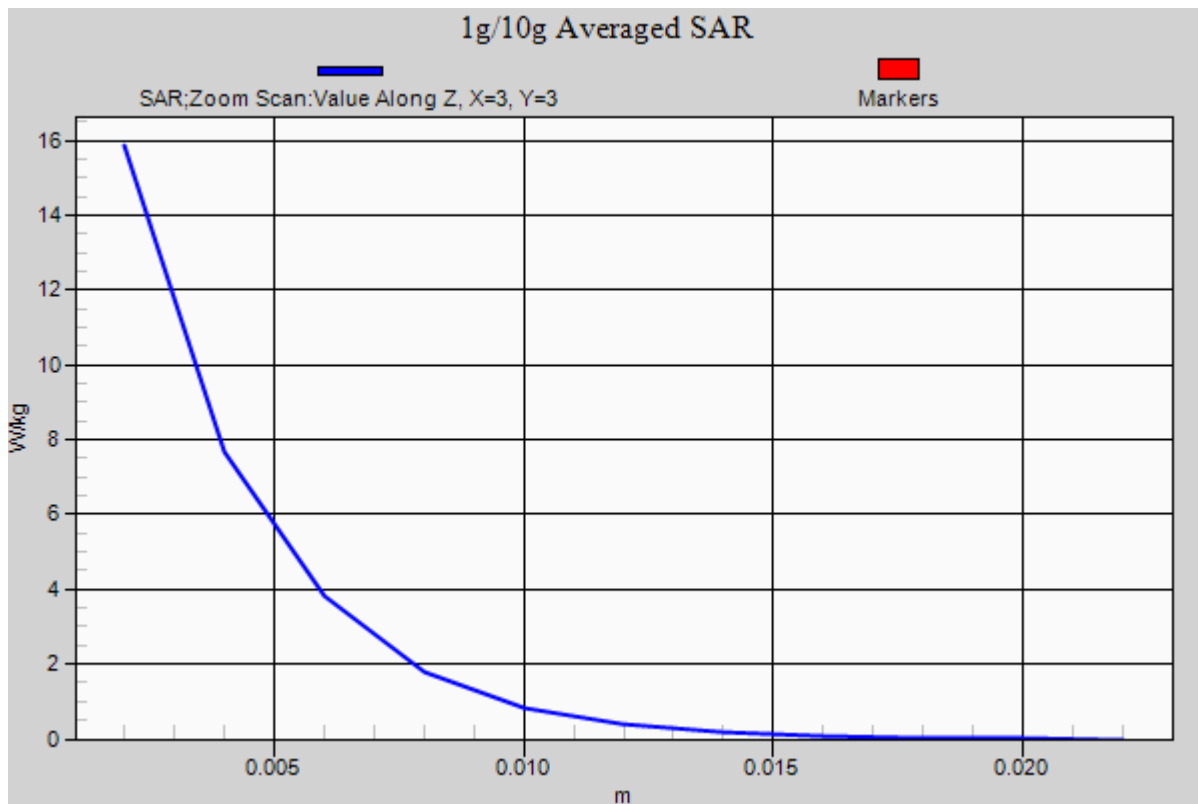
Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 37.0 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.02 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; $\sigma = 5.304$ S/m; $\epsilon_r = 48.412$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-13; Ambient Temp: 21.4 Tissue Temp: 21.8

5300 MHz System Verification

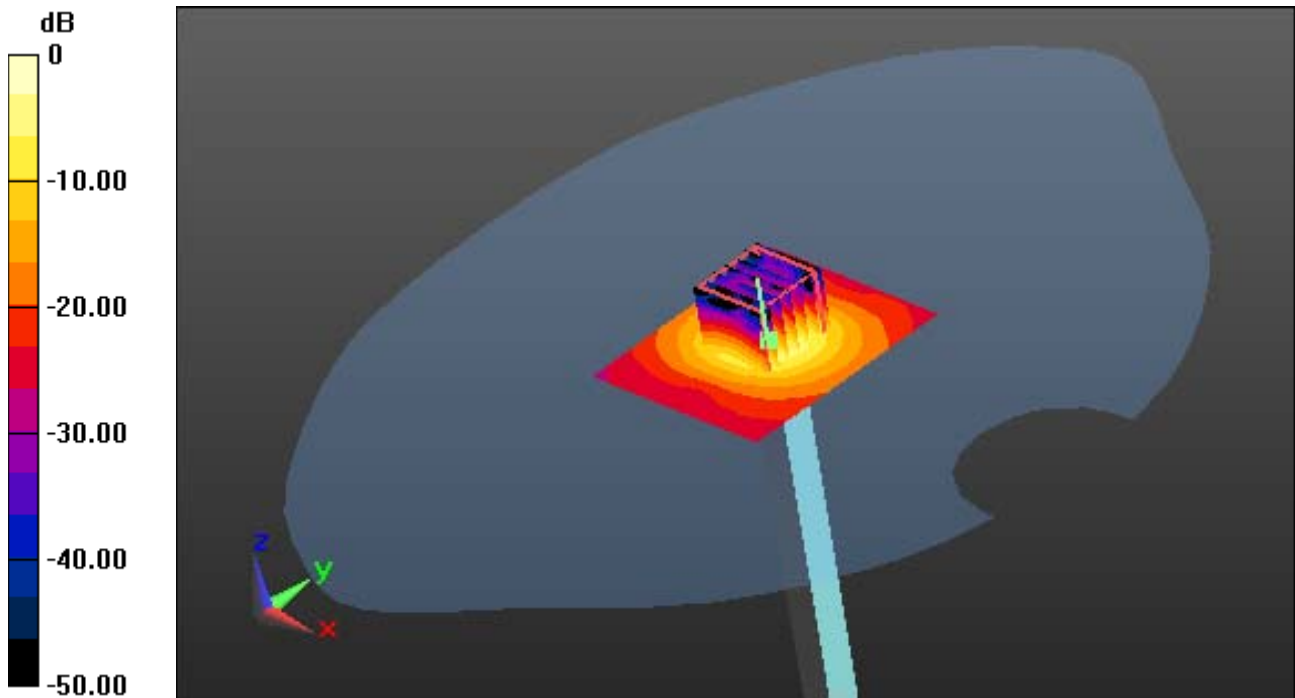
Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 37.0 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.02 W/kg



0 dB = 15.9 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.771$ S/m; $\epsilon_r = 34.972$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.94, 4.94, 4.94); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-13; Ambient Temp: 21.4 Tissue Temp: 21.8

5300 MHz System Verification

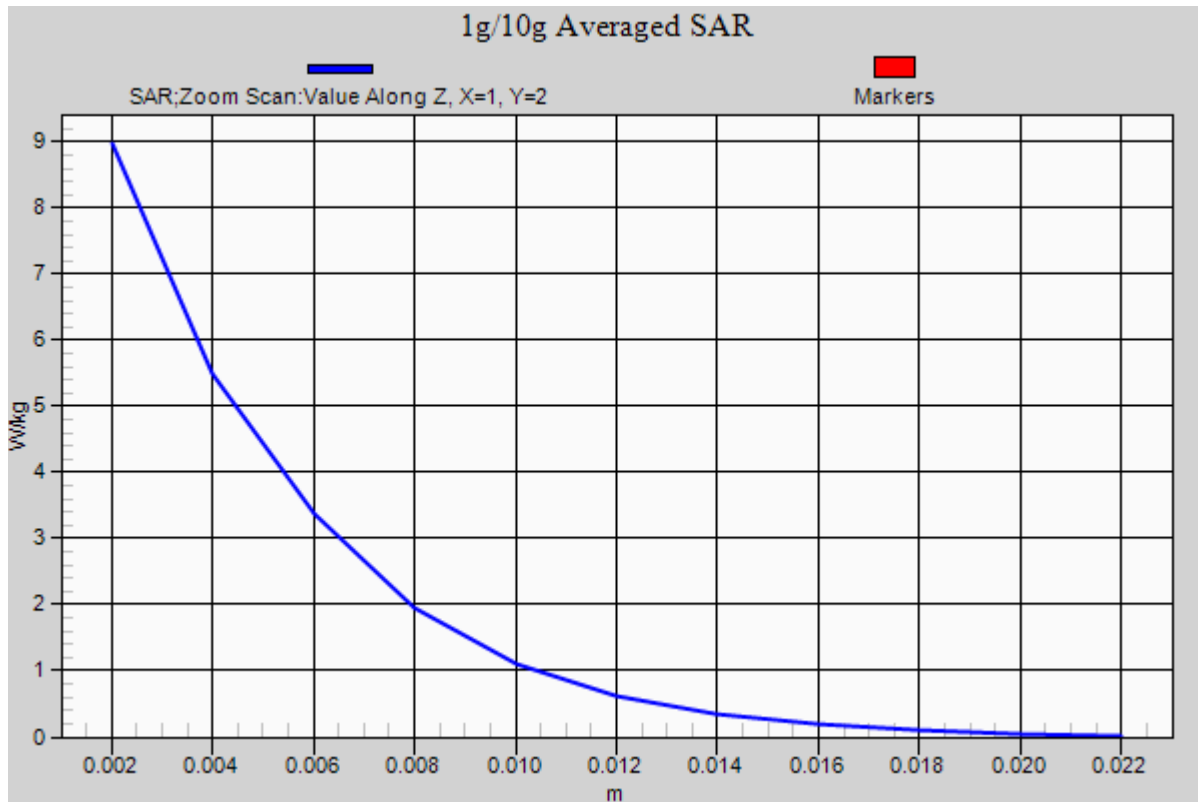
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 43.6 W/kg

SAR(1 g) = 8.35 W/kg; SAR(10 g) = 2.38 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; $\sigma = 5.209$ S/m; $\epsilon_r = 34.858$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.42, 4.42, 4.42); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-14; Ambient Temp: 21.7 Tissue Temp: 22.1

5600 MHz System Verification

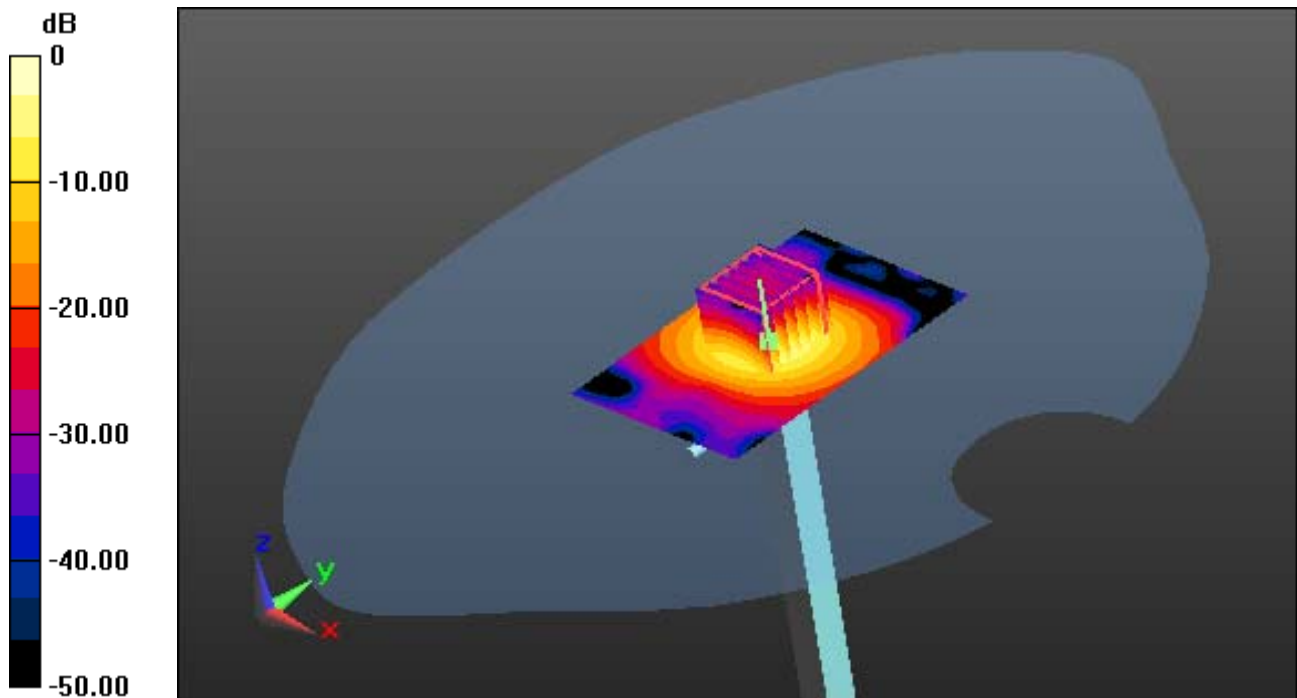
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 39.3 W/kg

SAR(1 g) = 8.49 W/kg; SAR(10 g) = 2.39 W/kg



0 dB = 18.1 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; $\sigma = 5.209$ S/m; $\epsilon_r = 34.858$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.42, 4.42, 4.42); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-14; Ambient Temp: 21.7 Tissue Temp: 22.1

5600 MHz System Verification

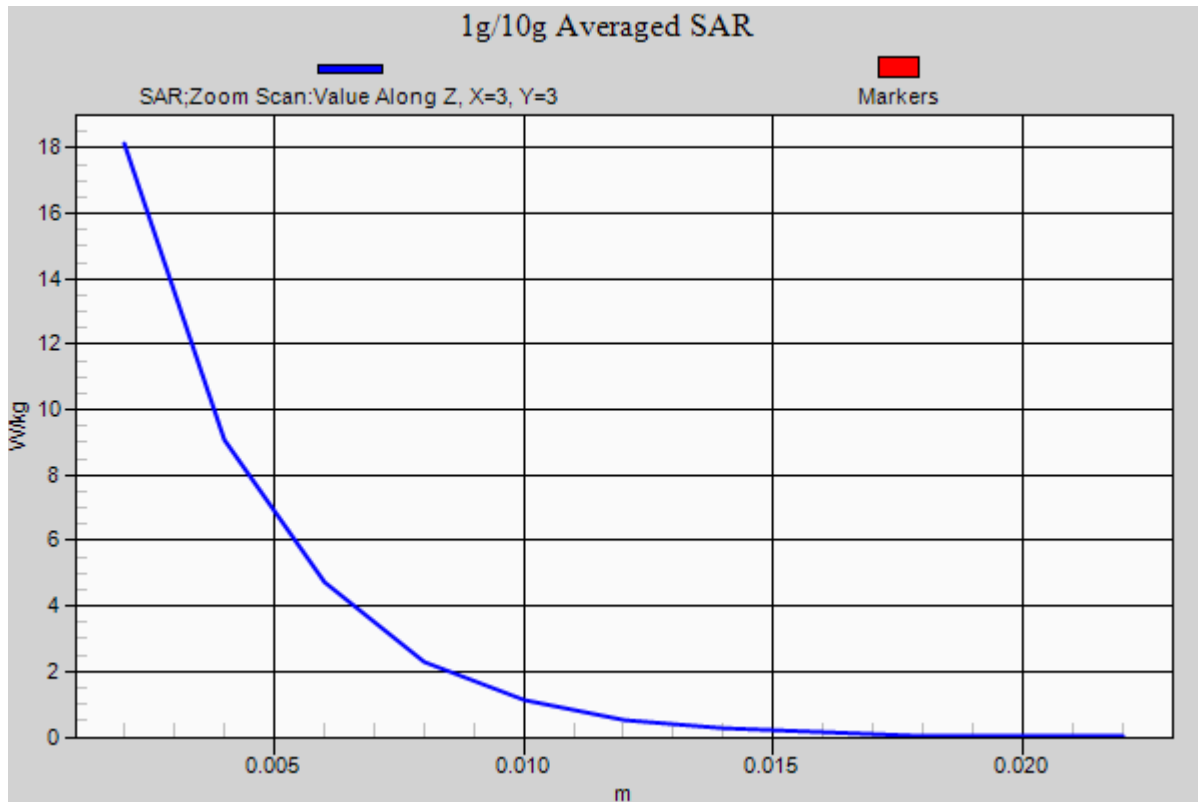
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 39.3 W/kg

SAR(1 g) = 8.49 W/kg; SAR(10 g) = 2.39 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; $\sigma = 5.747$ S/m; $\epsilon_r = 47.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-14; Ambient Temp: 21.7 Tissue Temp: 22.1

5600 MHz System Verification

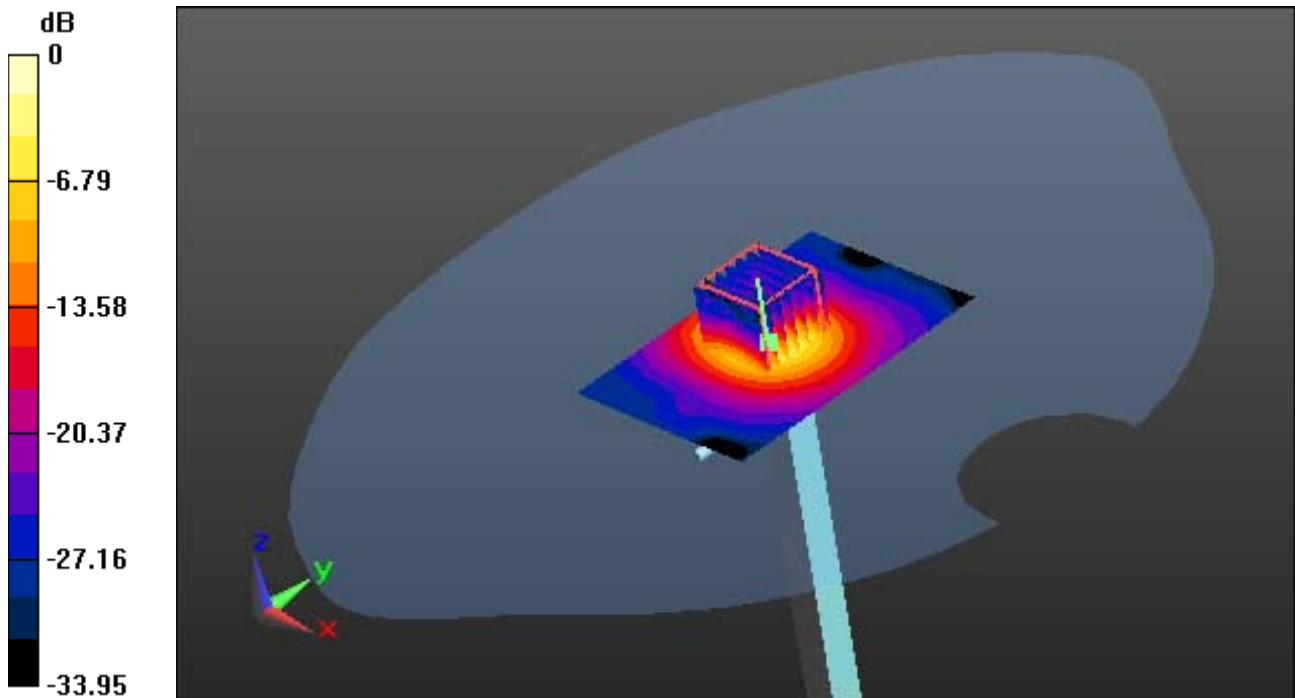
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.23 W/kg



0 dB = 15.0 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; $\sigma = 5.747$ S/m; $\epsilon_r = 47.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-14; Ambient Temp: 21.7 Tissue Temp: 22.1

5600 MHz System Verification

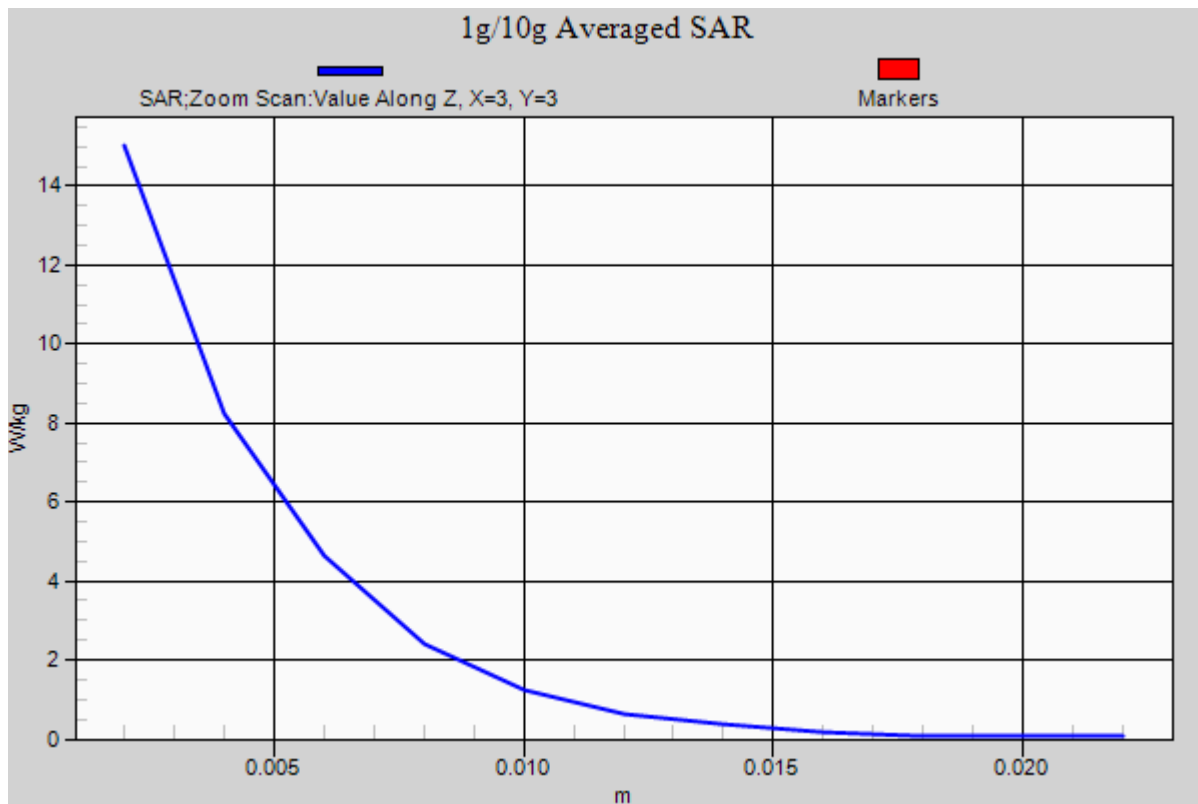
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.23 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.43$ S/m; $\epsilon_r = 34.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-15; Ambient Temp: 21.6 Tissue Temp: 22.0

5800 MHz System Verification

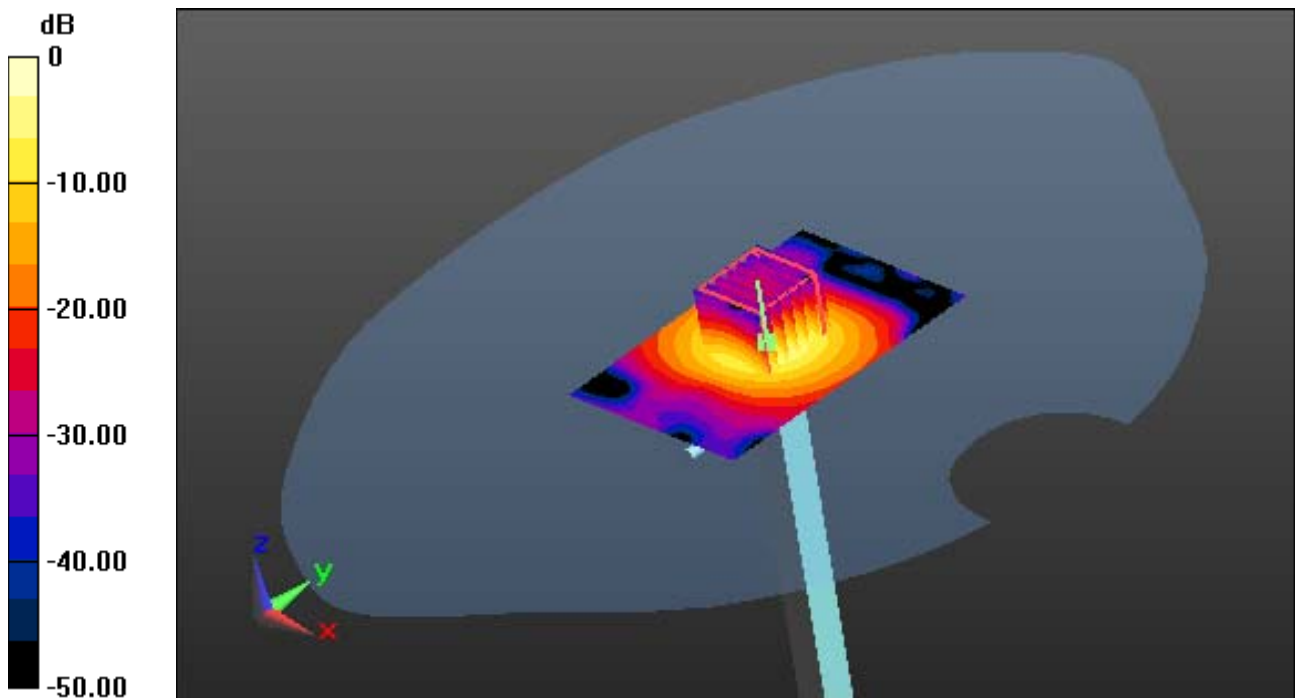
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 39.2 W/kg

SAR(1 g) = 8.47 W/kg; SAR(10 g) = 2.39 W/kg



0 dB = 18.1 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.43$ S/m; $\epsilon_r = 34.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-15; Ambient Temp: 21.6 Tissue Temp: 22.0

5800 MHz System Verification

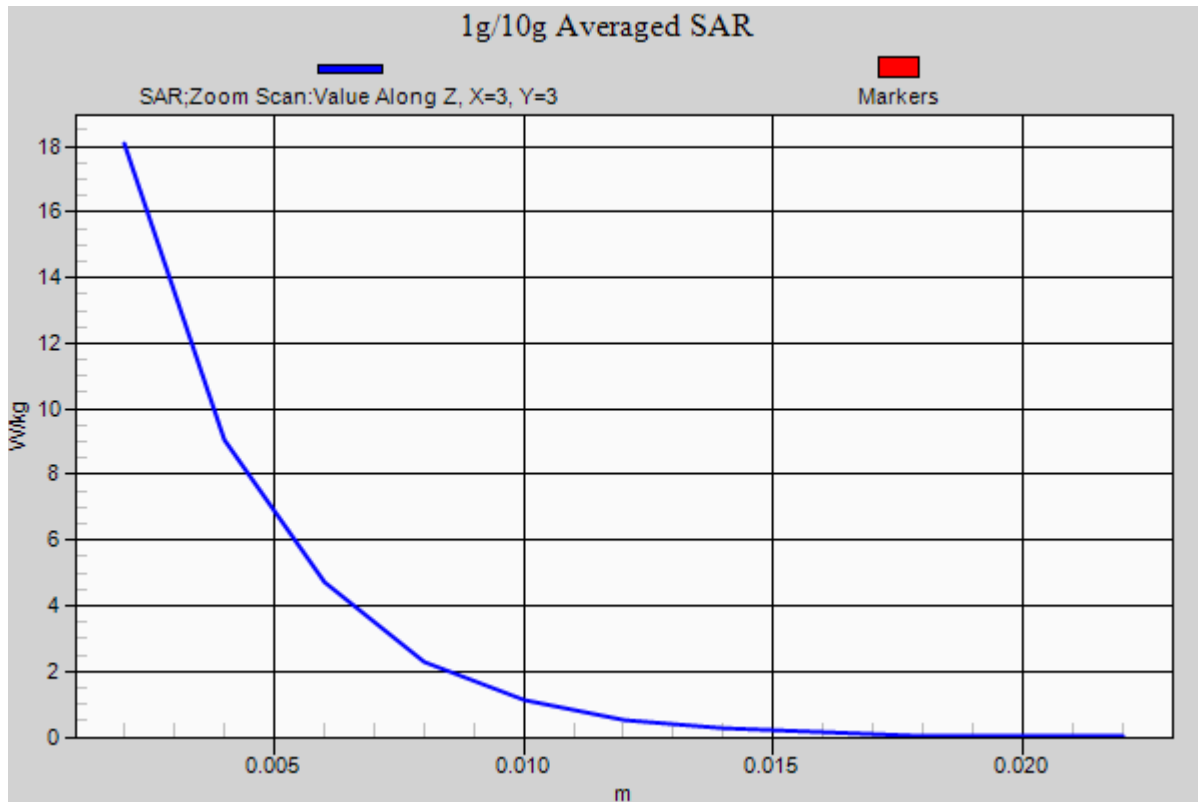
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 39.2 W/kg

SAR(1 g) = 8.47 W/kg; SAR(10 g) = 2.39 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.008$ S/m; $\epsilon_r = 47.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-15; Ambient Temp: 21.6 Tissue Temp: 22.0

5800 MHz System Verification

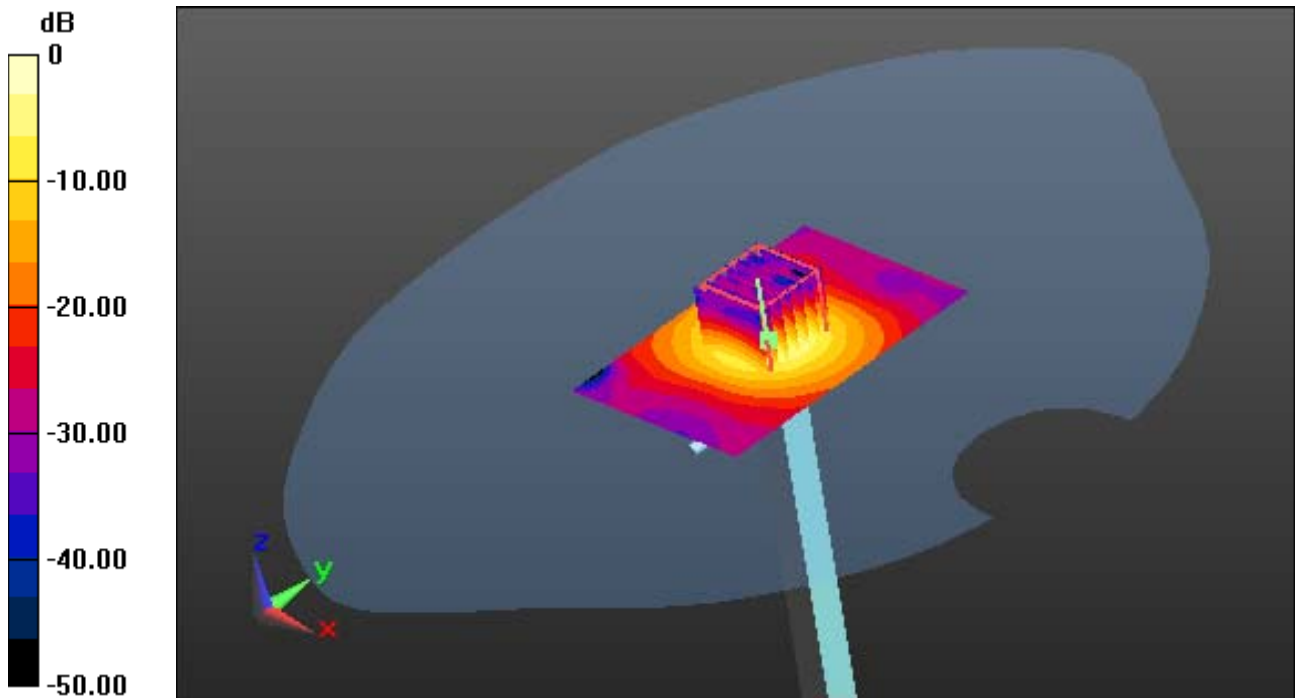
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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) = 7.54 W/kg; SAR(10 g) = 2.14 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; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.008$ S/m; $\epsilon_r = 47.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

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

Test Date: 2014-11-15; Ambient Temp: 21.6 Tissue Temp: 22.0

5800 MHz System Verification

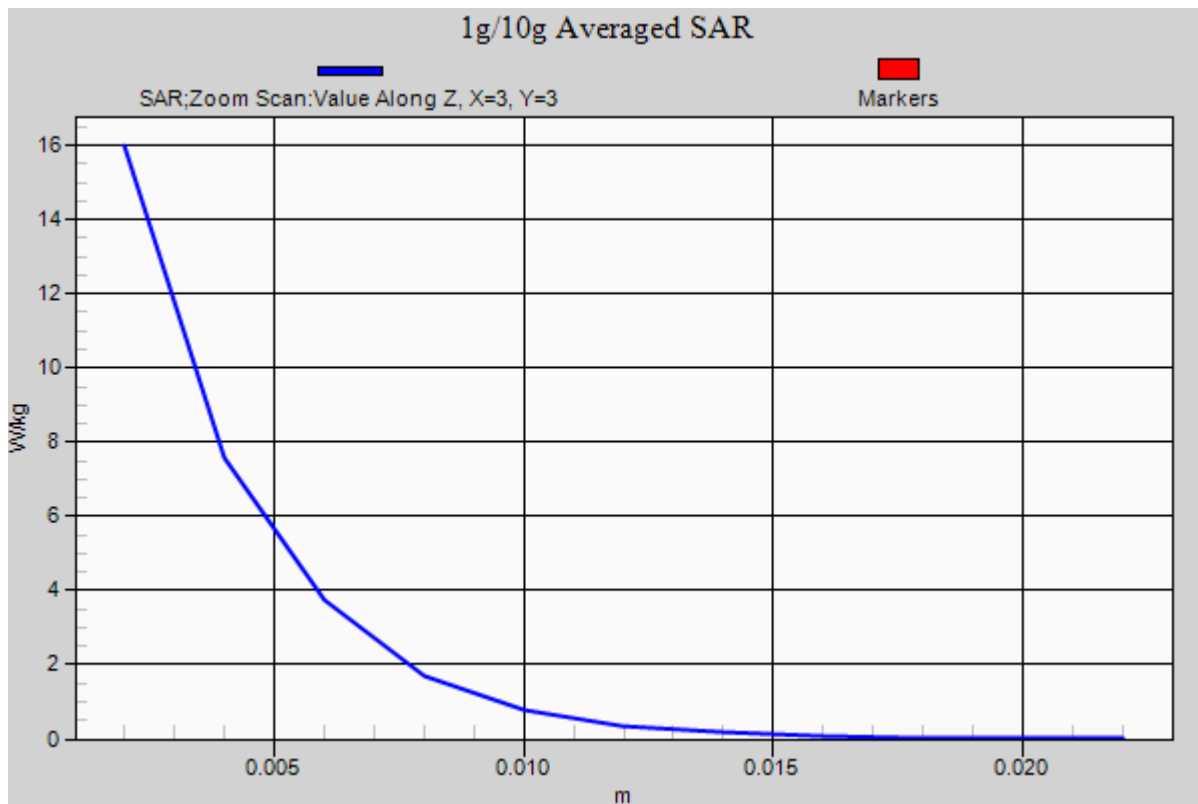
Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

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) = 7.54 W/kg; SAR(10 g) = 2.14 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.802 \text{ S/m}$; $\epsilon_r = 37.961$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.9, 6.9, 6.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

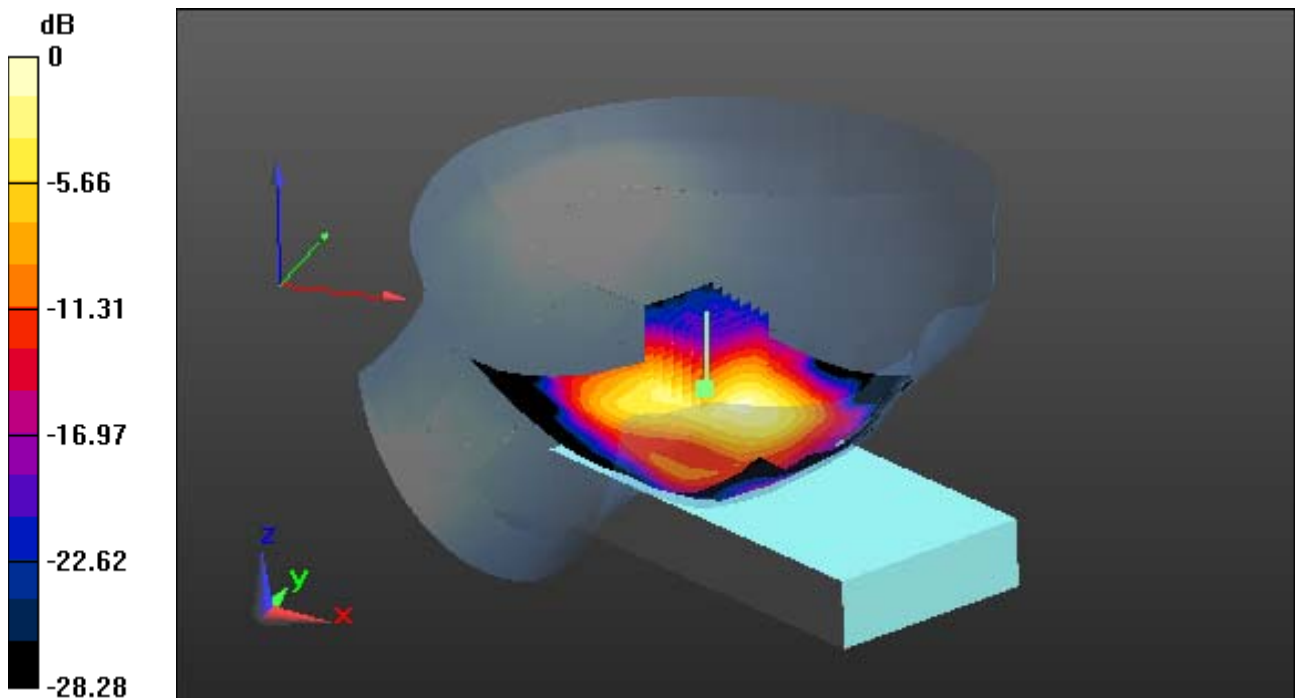
Area Scan (101x151x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.165 W/kg



0 dB = 0.525 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 37.961$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.9, 6.9, 6.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

With Enlarge Plot image

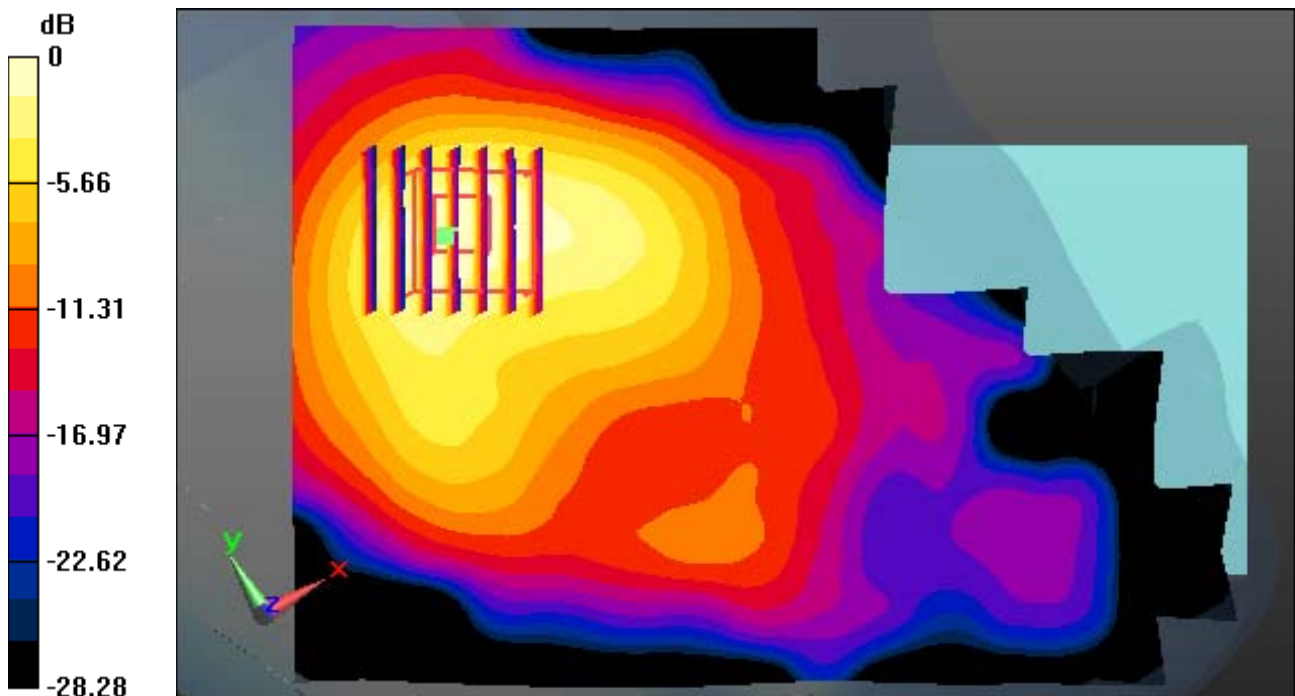
Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.165 W/kg



0 dB = 0.525 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 37.961$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(6.9, 6.9, 6.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery

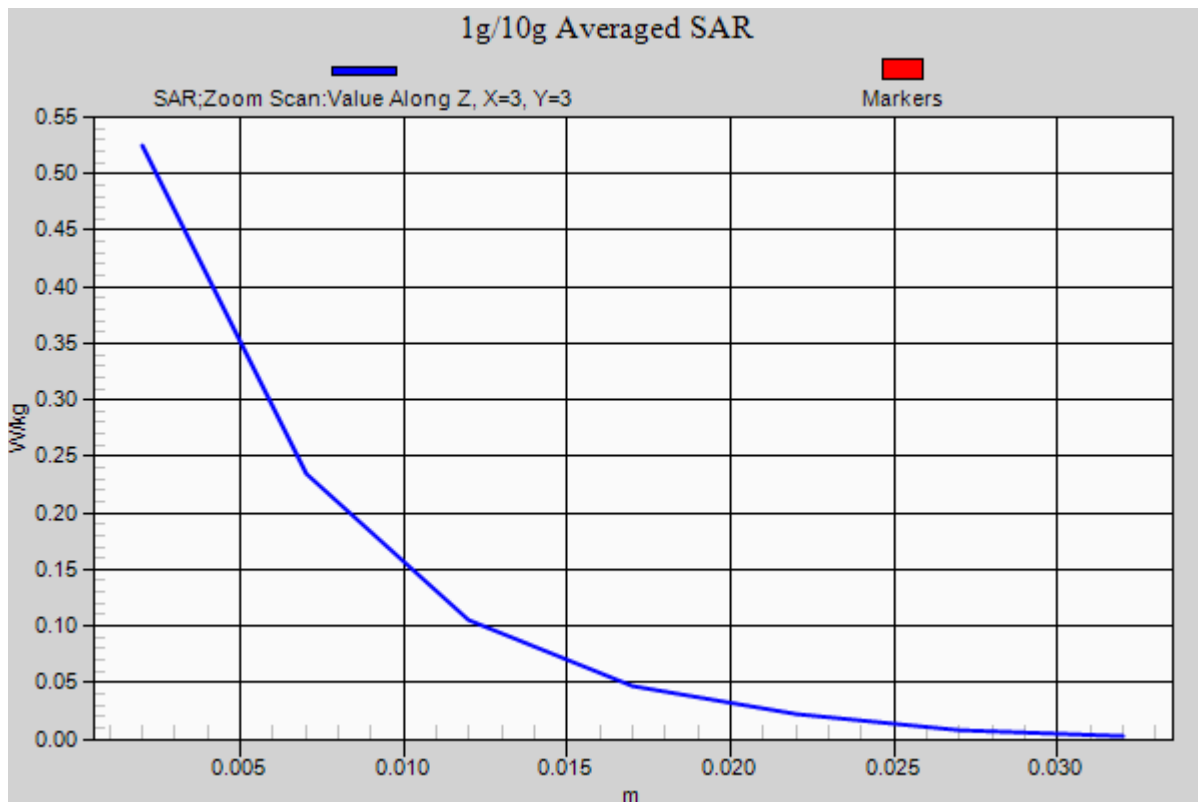
Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.165 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.365 \text{ S/m}$; $\epsilon_r = 34.588$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

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

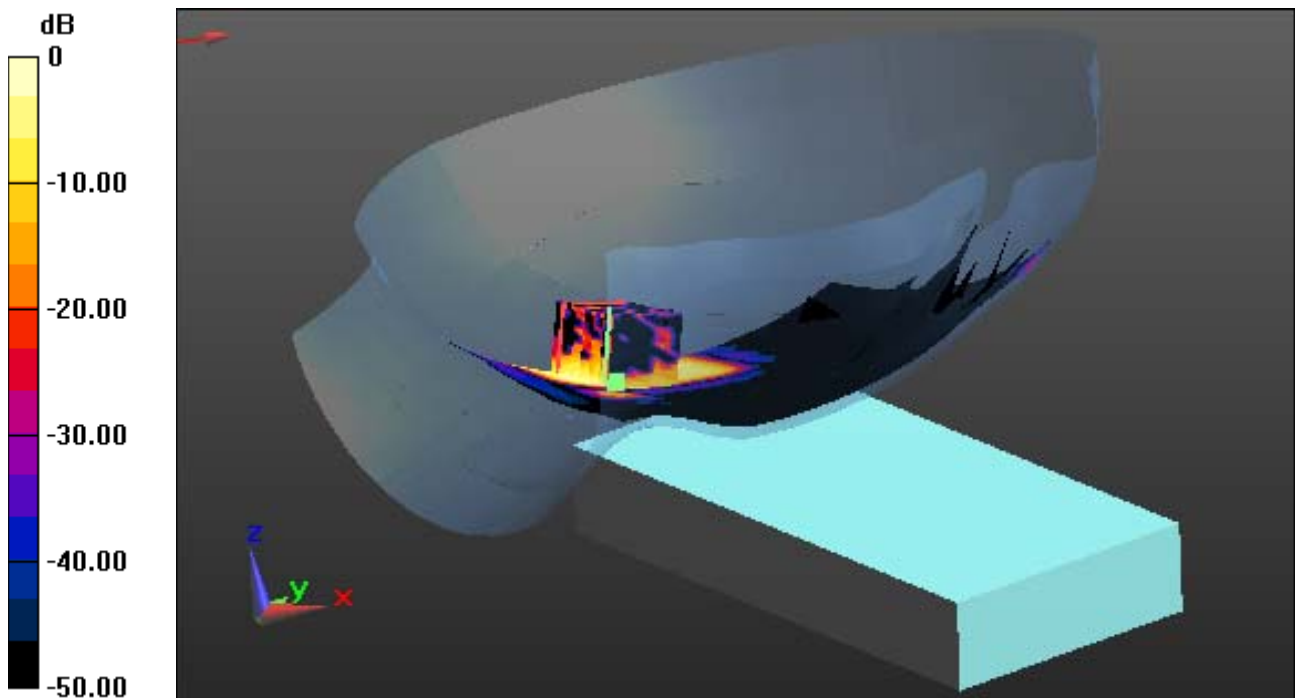
Area Scan (131x181x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.207 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.365$ S/m; $\epsilon_r = 34.588$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

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

With Enlarge Plot image

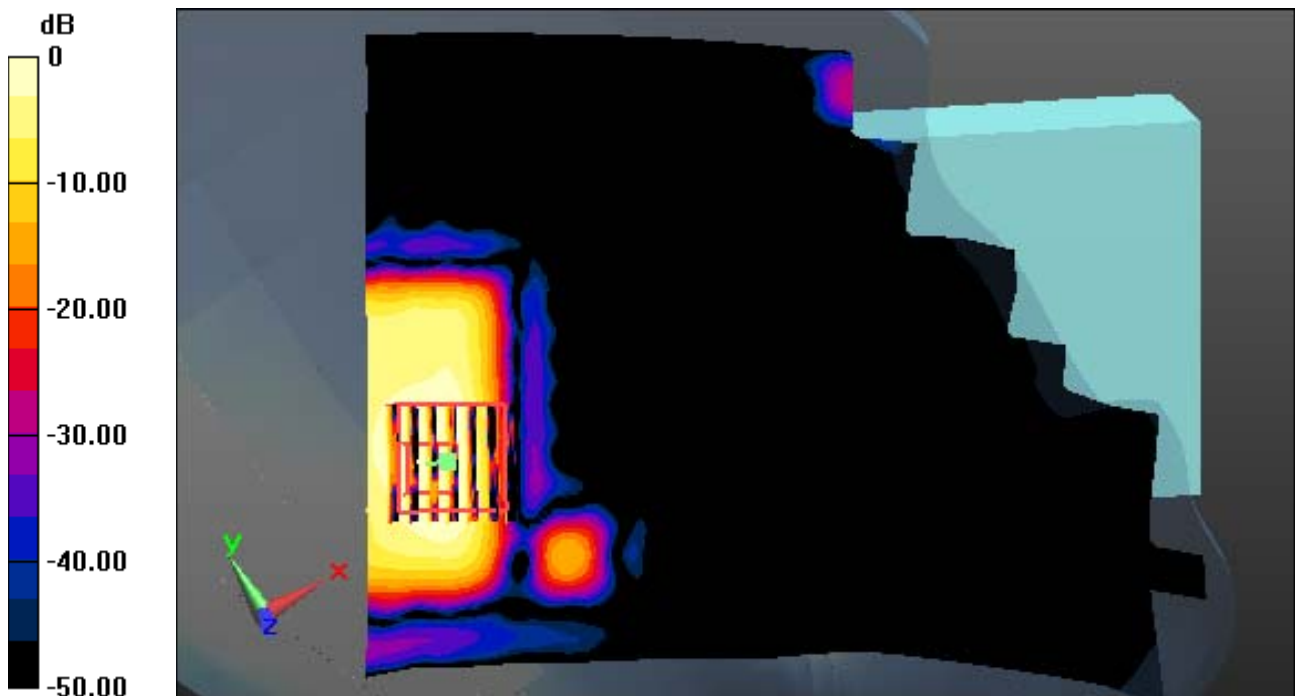
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.207 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.365$ S/m; $\epsilon_r = 34.588$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

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

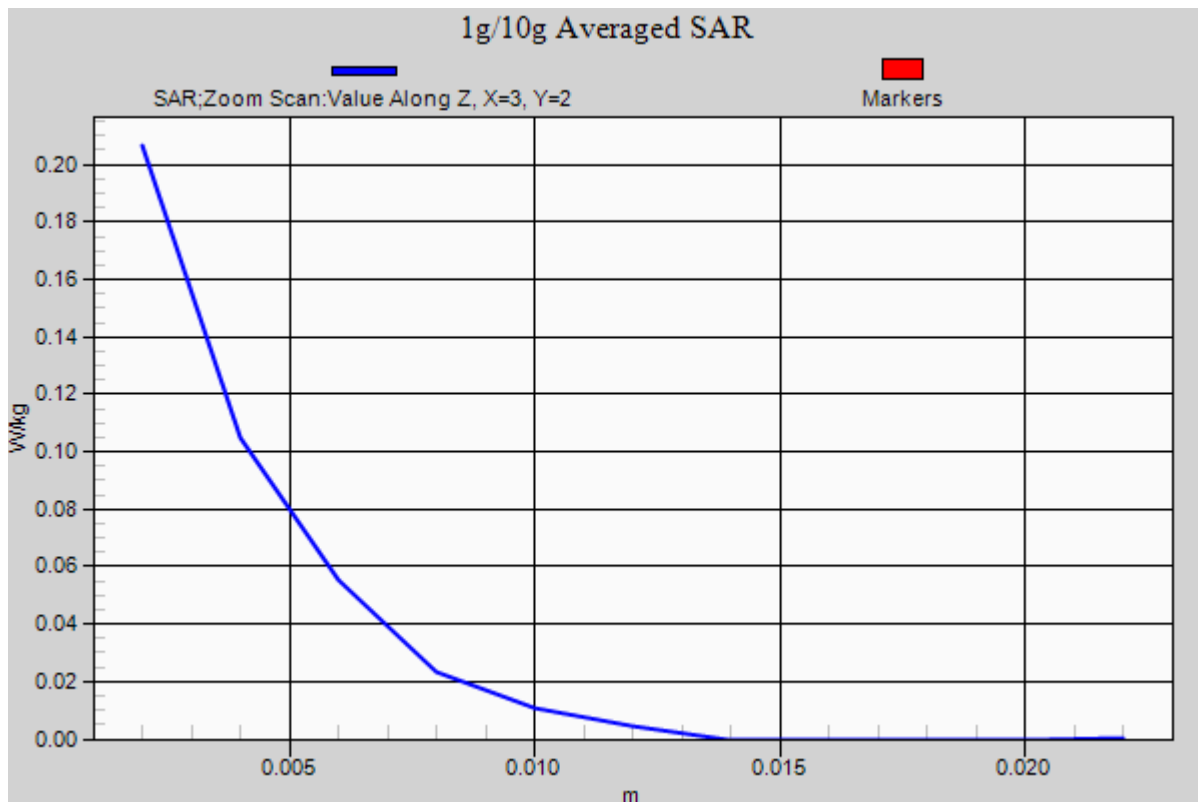
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.034 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 4.739$ S/m; $\epsilon_r = 35.331$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.16, 5.16, 5.16); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Tilt, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal, Standard Battery

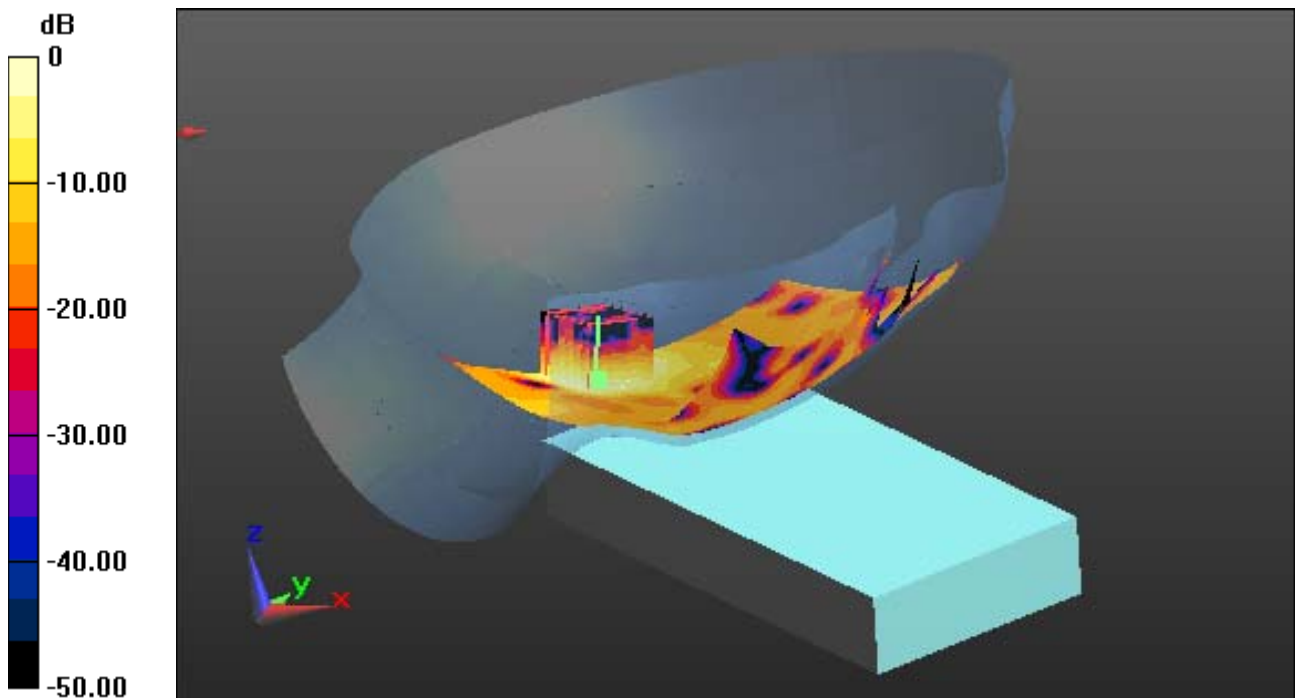
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.103 W/kg



0 dB = 0.474 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 4.739$ S/m; $\epsilon_r = 35.331$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.16, 5.16, 5.16); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Tilt, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal, Standard Battery

With Enlarge Plot image

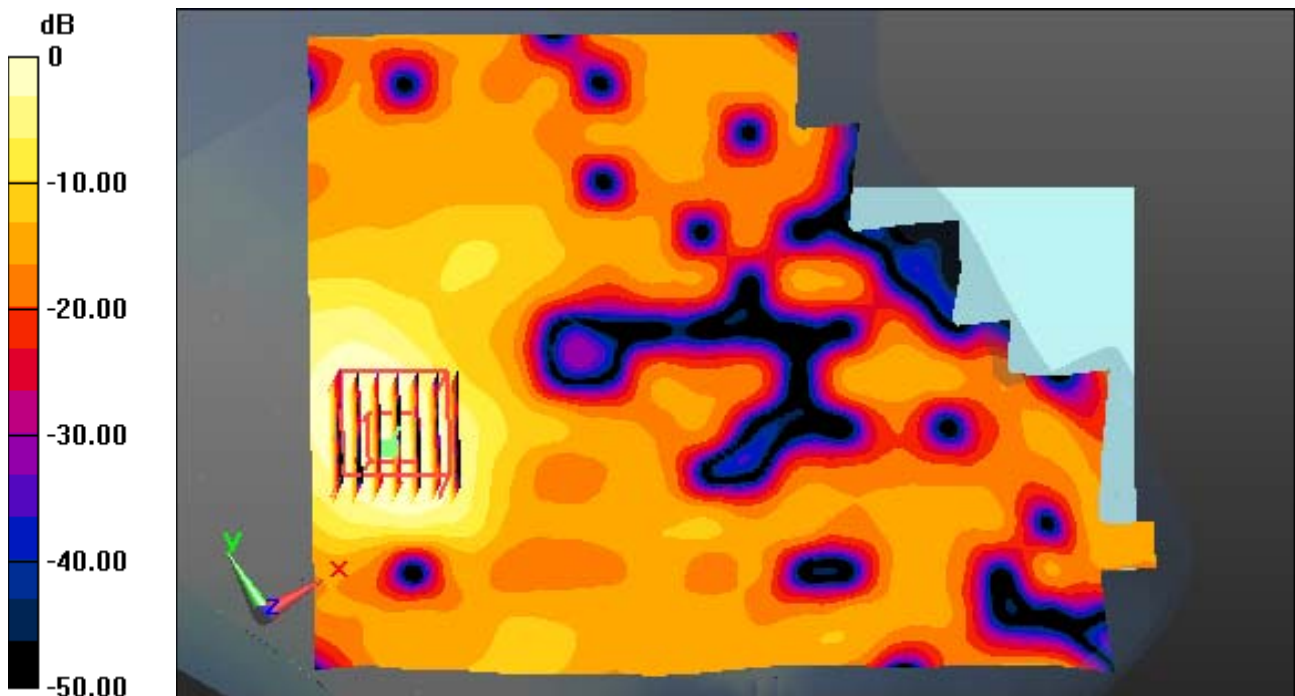
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.103 W/kg



0 dB = 0.474 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 4.739$ S/m; $\epsilon_r = 35.331$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.16, 5.16, 5.16); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

Left Tilt, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal, Standard Battery

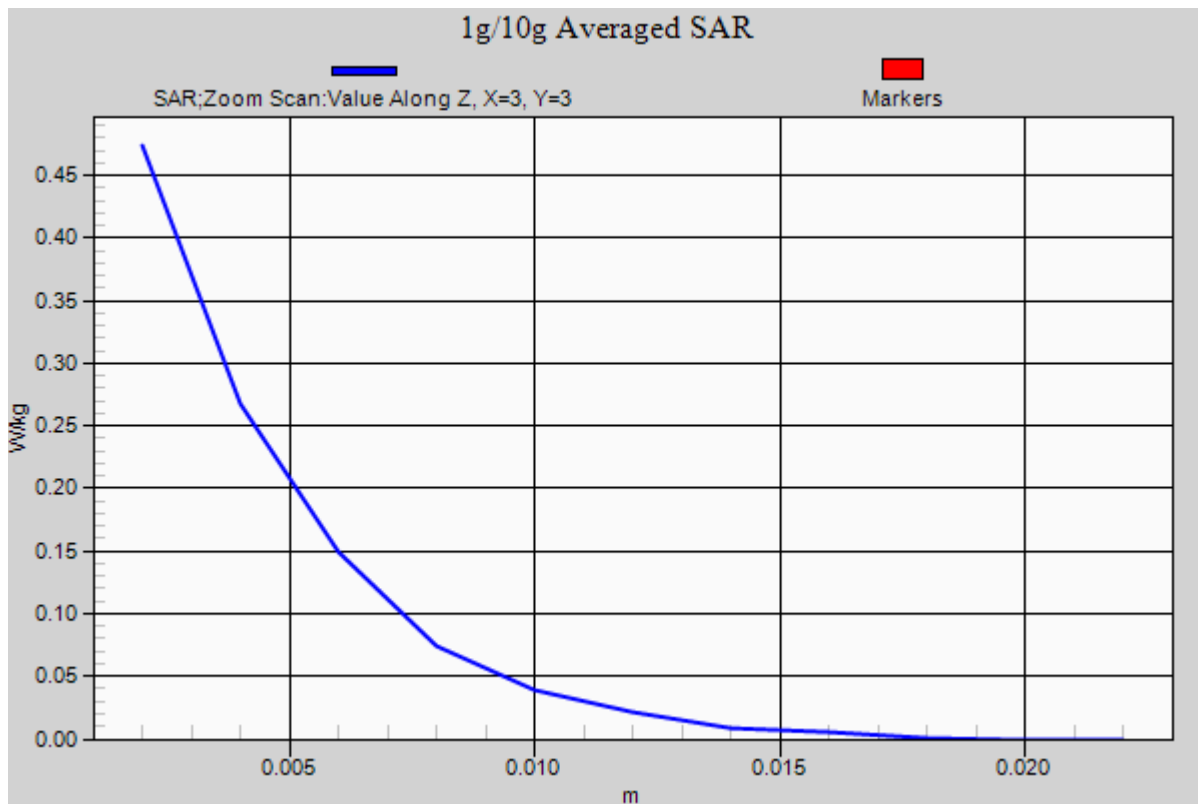
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.103 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 4.797$ S/m; $\epsilon_r = 34.925$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.94, 4.94, 4.94); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

Left Tilt, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal, Standard Battery

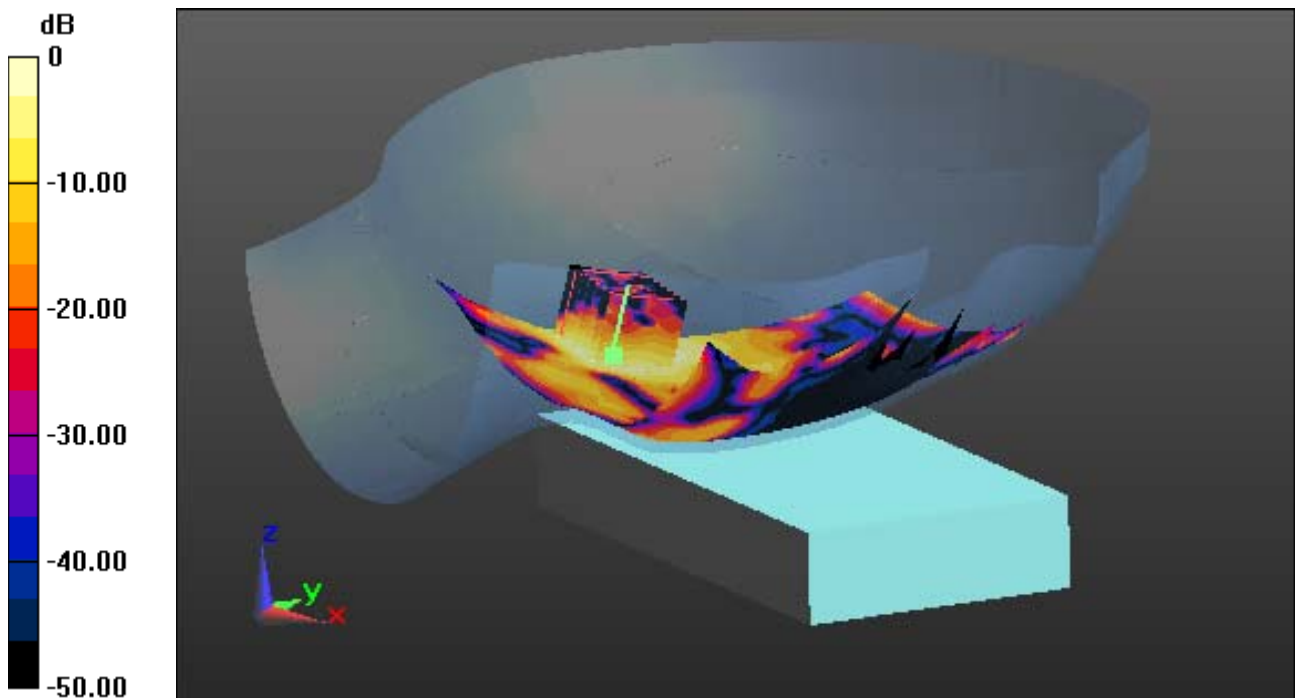
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.075 W/kg



0 dB = 0.348 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 4.797$ S/m; $\epsilon_r = 34.925$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.94, 4.94, 4.94); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

Left Tilt, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal, Standard Battery

With Enlarge Plot image

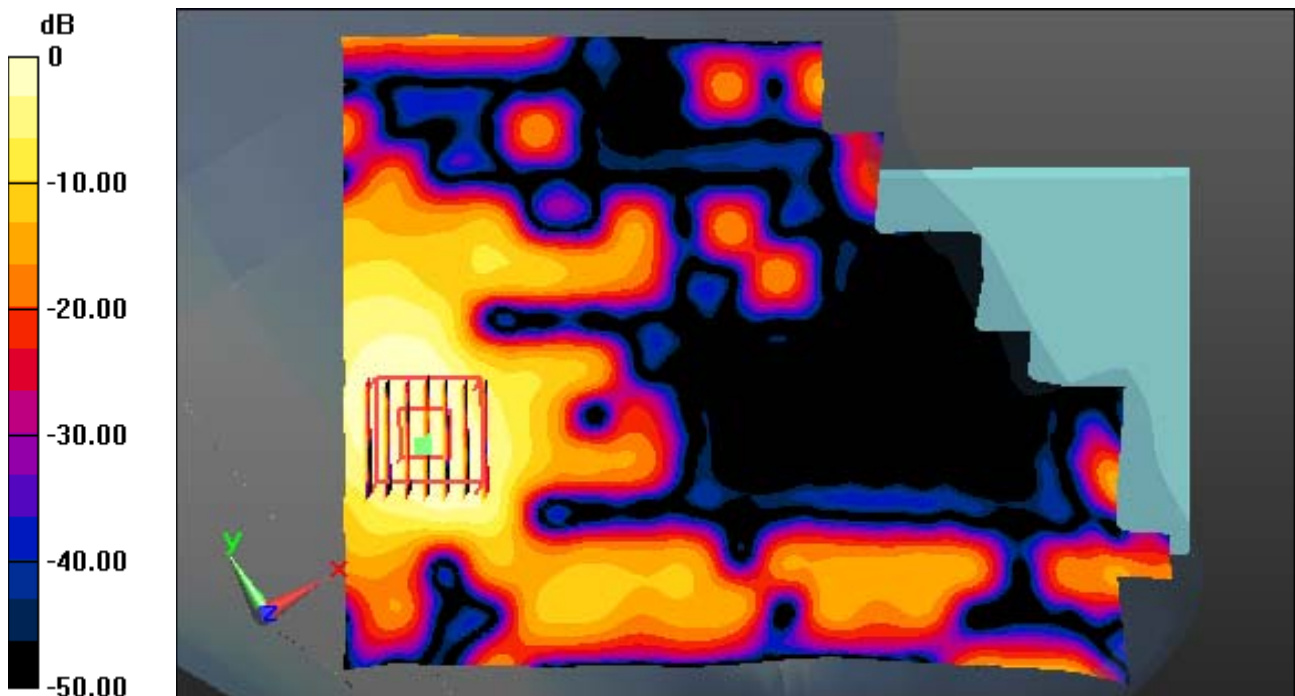
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.075 W/kg



0 dB = 0.348 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 4.797$ S/m; $\epsilon_r = 34.925$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.94, 4.94, 4.94); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

Left Tilt, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal, Standard Battery

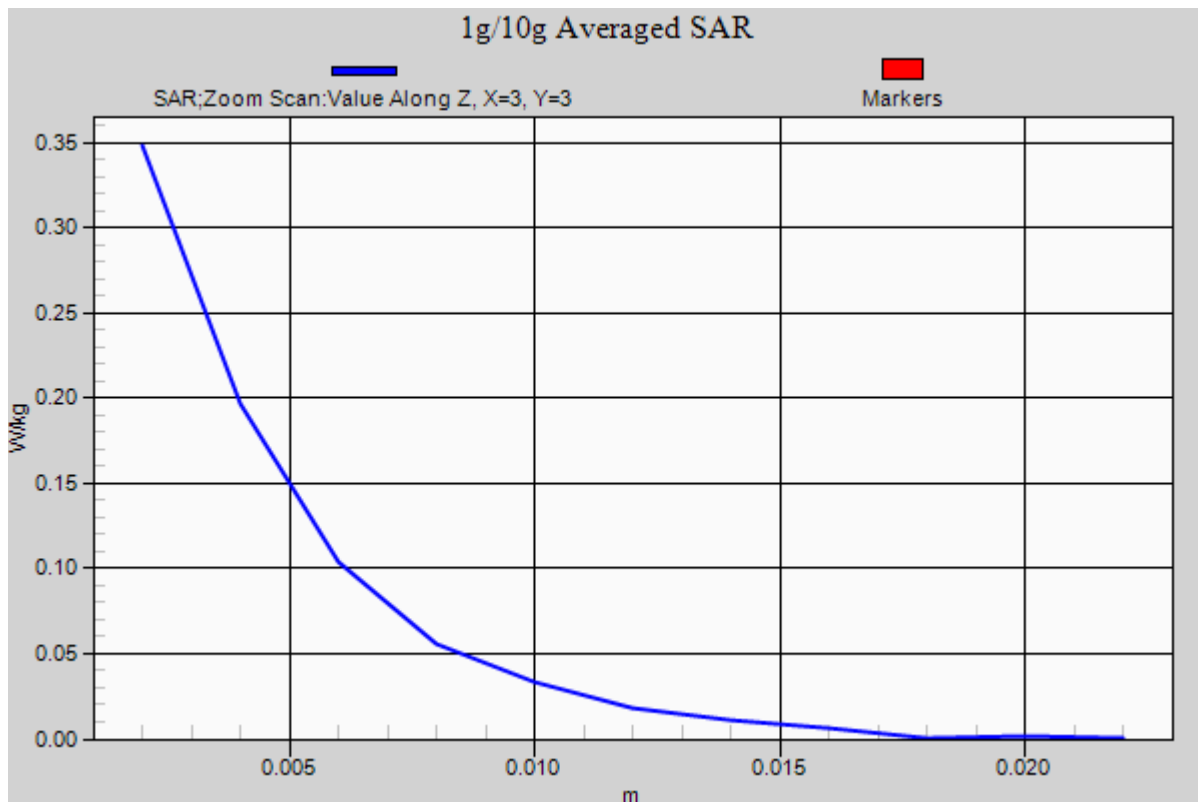
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.075 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.179$ S/m; $\epsilon_r = 34.891$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.42, 4.42, 4.42); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

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

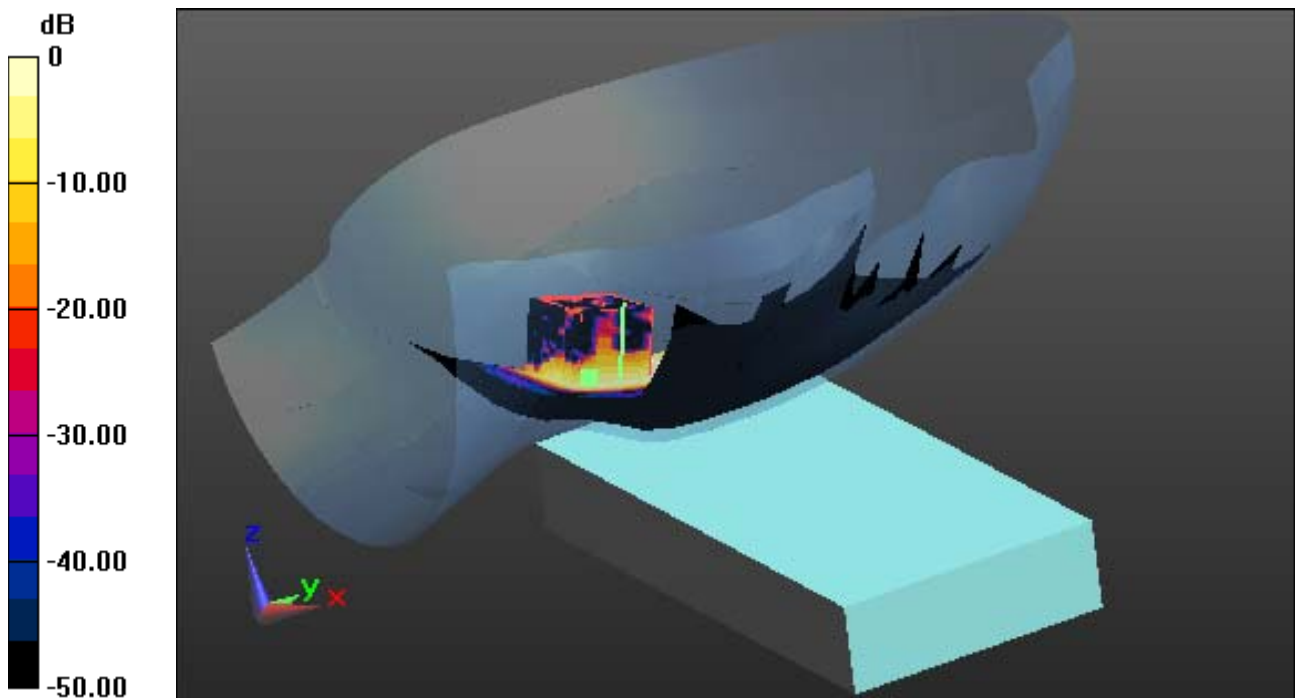
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.167 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.179$ S/m; $\epsilon_r = 34.891$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.42, 4.42, 4.42); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

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

With Enlarge Plot image

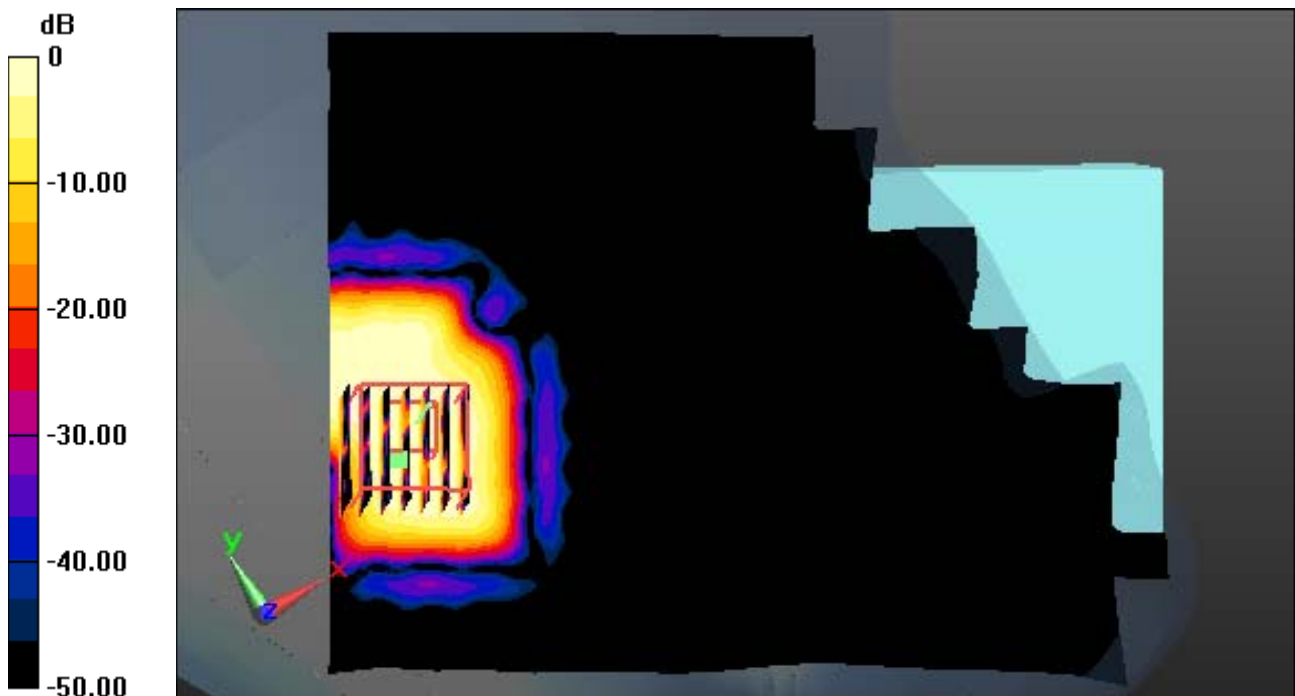
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.167 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.179$ S/m; $\epsilon_r = 34.891$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.42, 4.42, 4.42); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

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

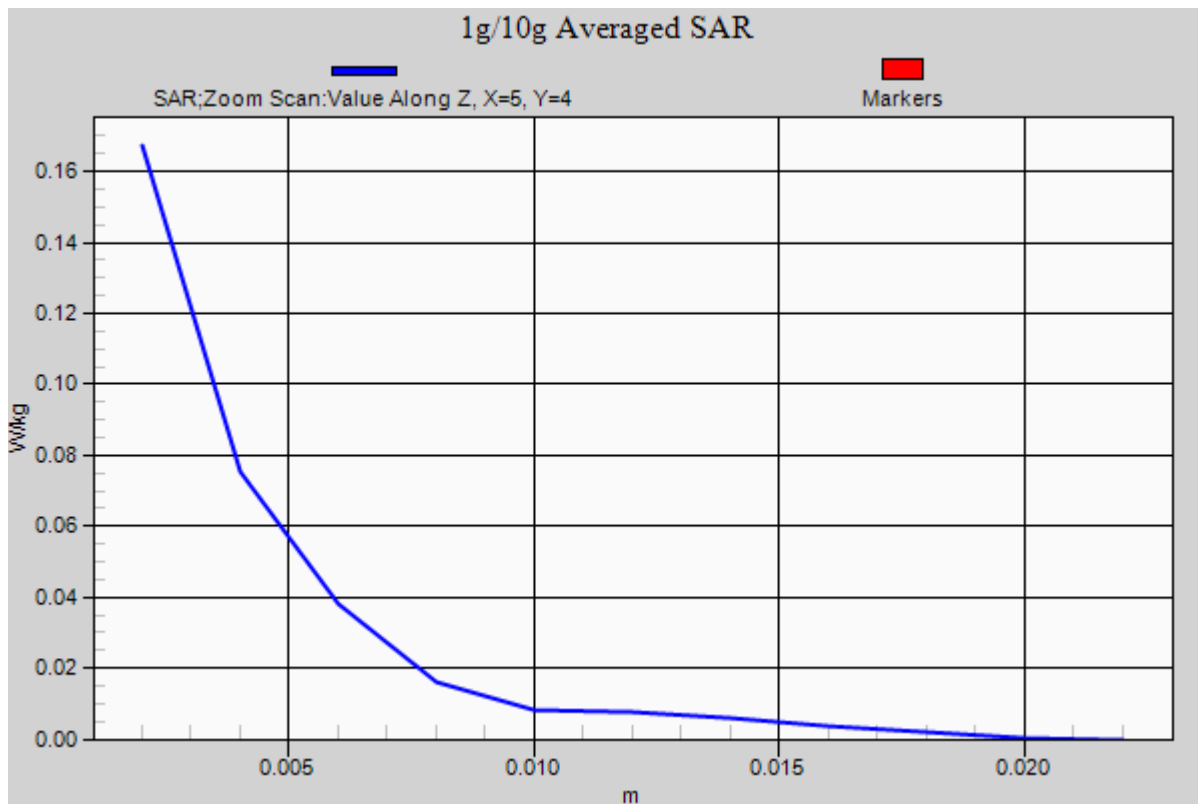
Area Scan (131x181x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.027 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 52.806$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

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

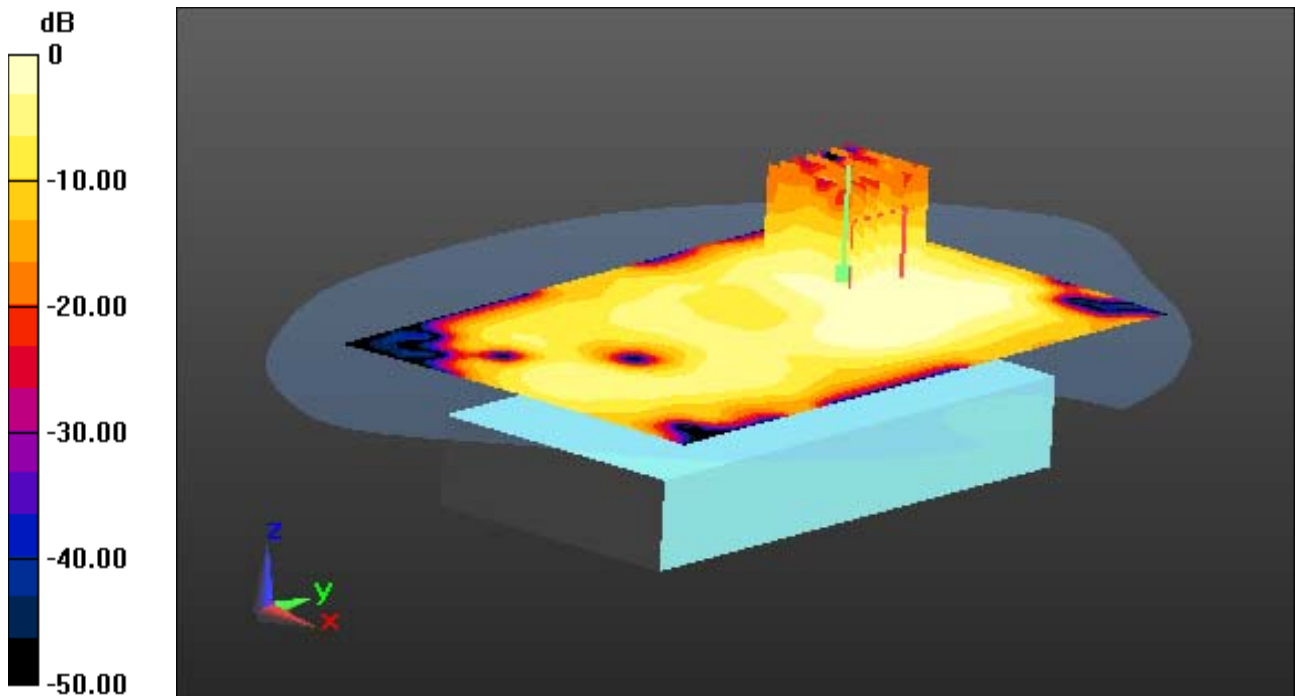
Area Scan (101x161x1): Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.031 W/kg



0 dB = 0.0806 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 52.806$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

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

With Enlargr Plot image

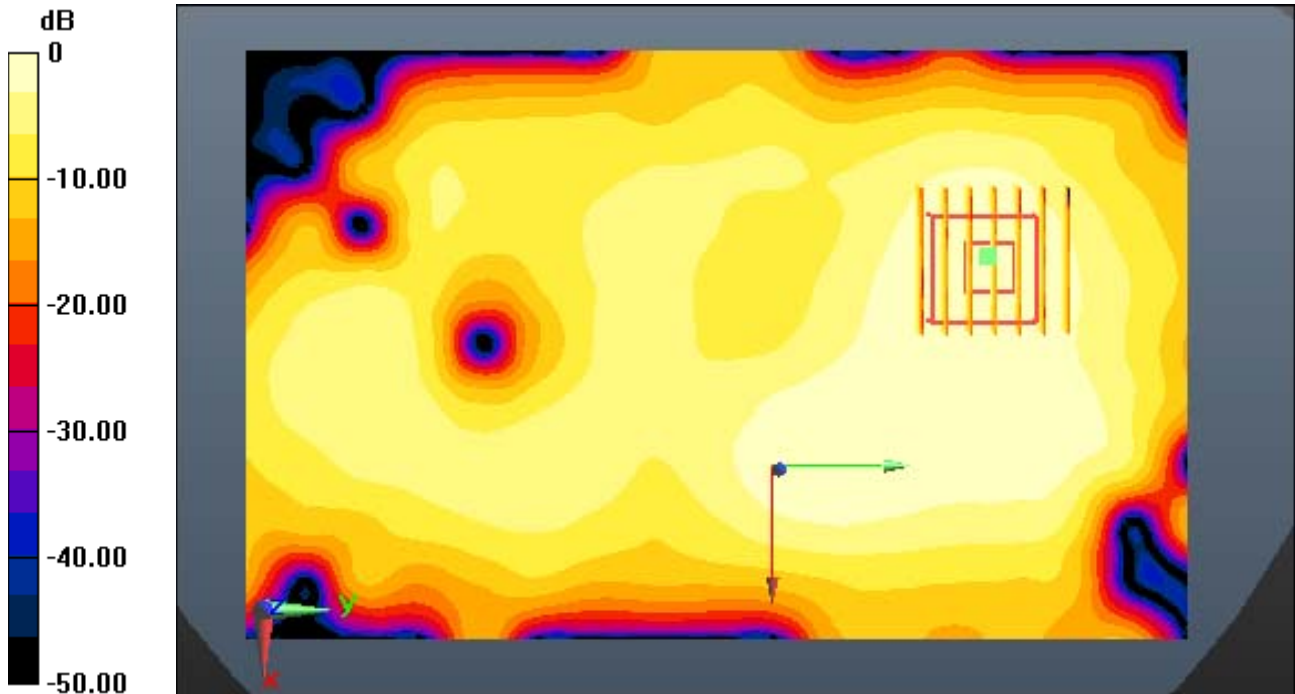
Area Scan (101x161x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.031 W/kg



0 dB = 0.0806 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 52.806$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

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

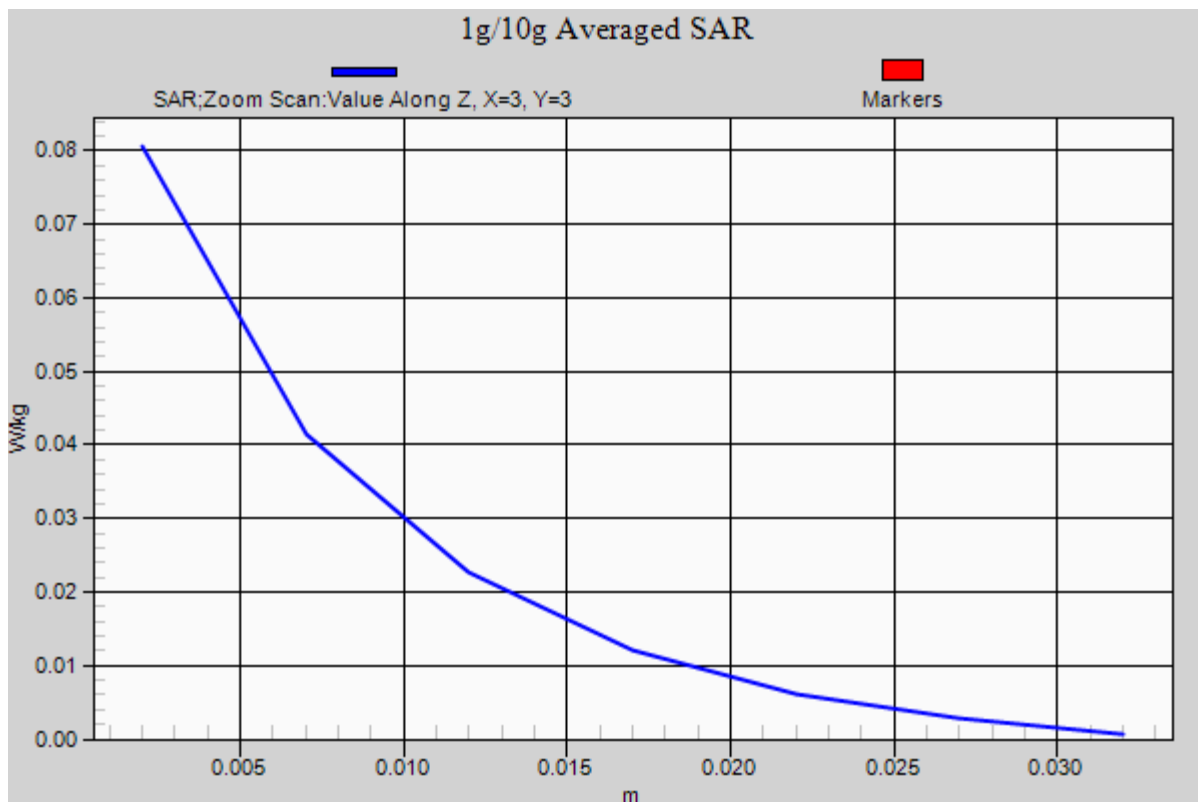
Area Scan (101x161x1): Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.031 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.93 \text{ S/m}$; $\epsilon_r = 47.199$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

1.0cm space from Body, Rear, 5.8G W-LAN(802.11a) Ch. 149, Ant Internal

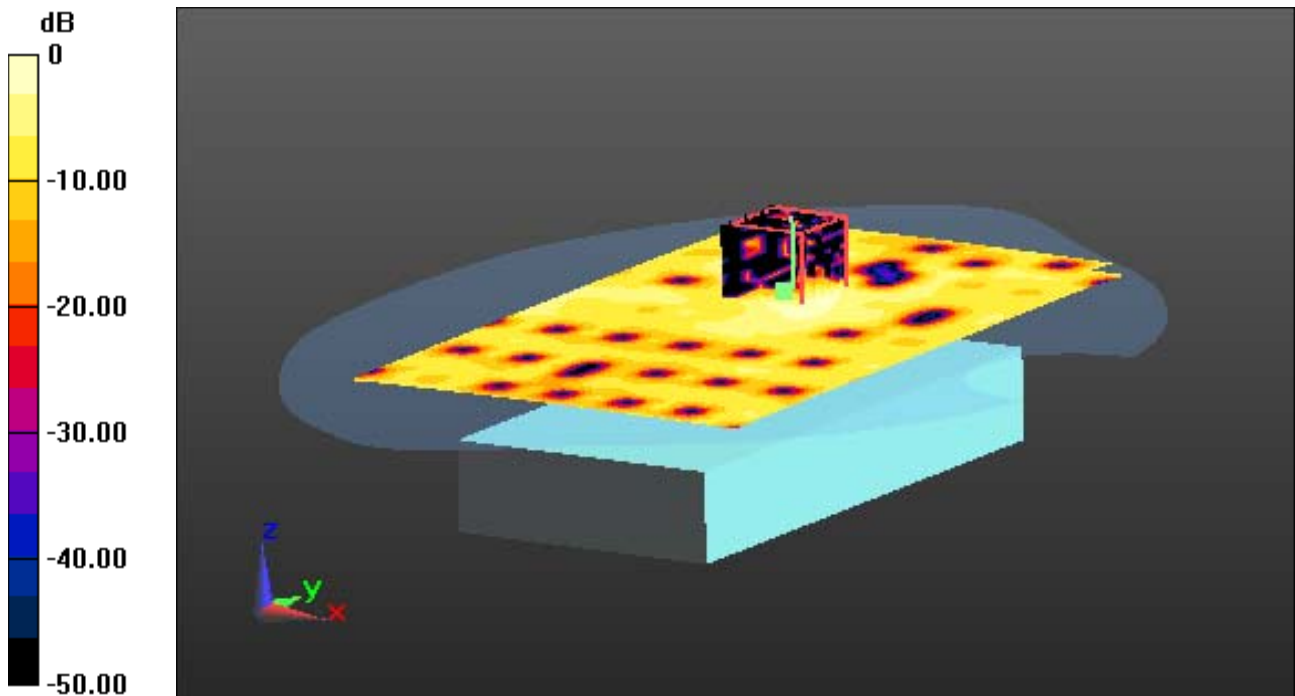
Area Scan (121x201x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

|Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.139 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.93 \text{ S/m}$; $\epsilon_r = 47.199$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

1.0cm space from Body, Rear, 5.8G W-LAN(802.11a) Ch. 149, Ant Internal

With Enlargr Plot image

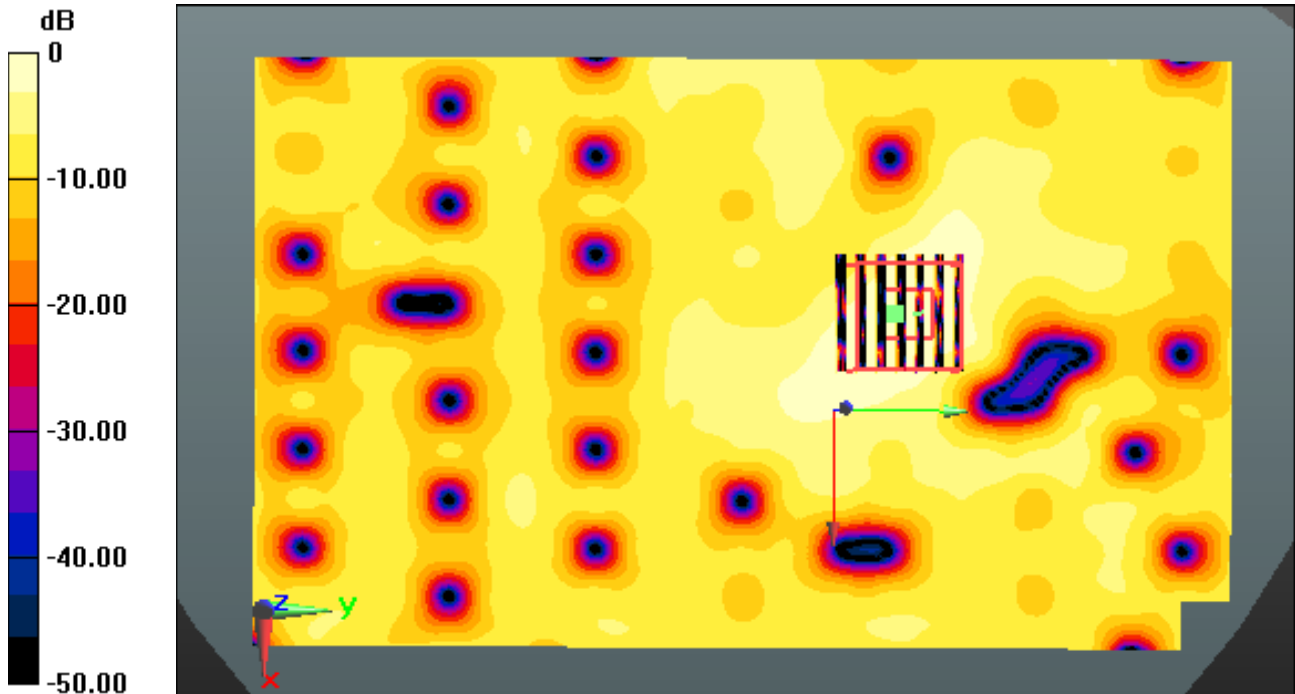
Area Scan (121x201x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.139 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.93$ S/m; $\epsilon_r = 47.199$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

1.0cm space from Body, Rear, 5.8G W-LAN(802.11a) Ch. 149, Ant Internal

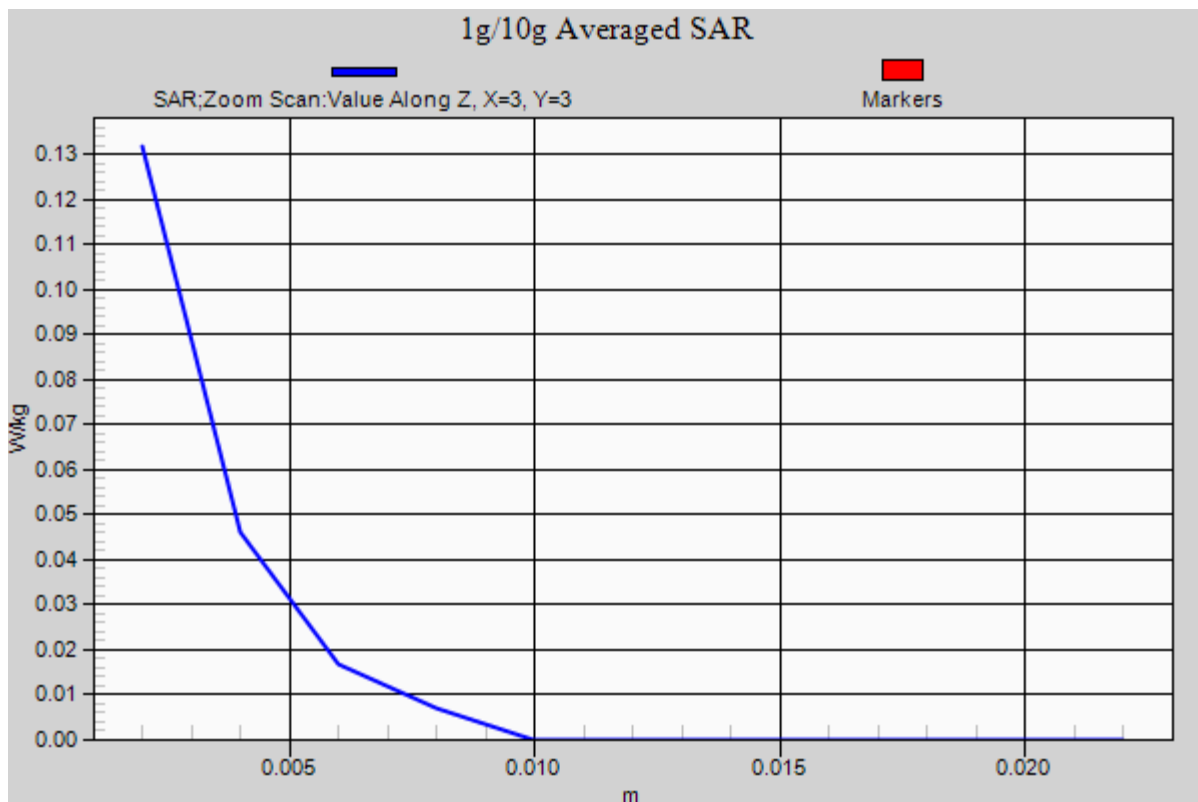
Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.020 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.249$ S/m; $\epsilon_r = 48.597$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.28, 4.28, 4.28); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

1.0 cm space from Body, Rear, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal

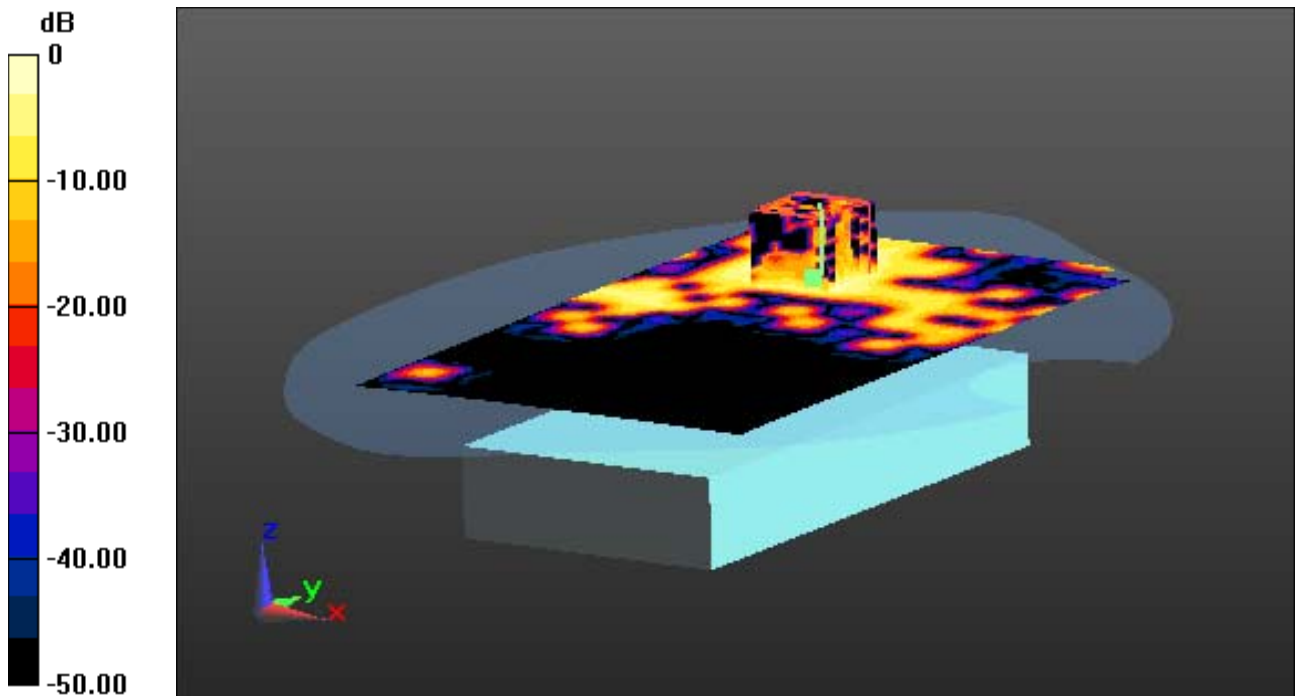
Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.128 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.249$ S/m; $\epsilon_r = 48.597$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.28, 4.28, 4.28); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

1.0 cm space from Body, Rear, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal

With Enlargr Plot image

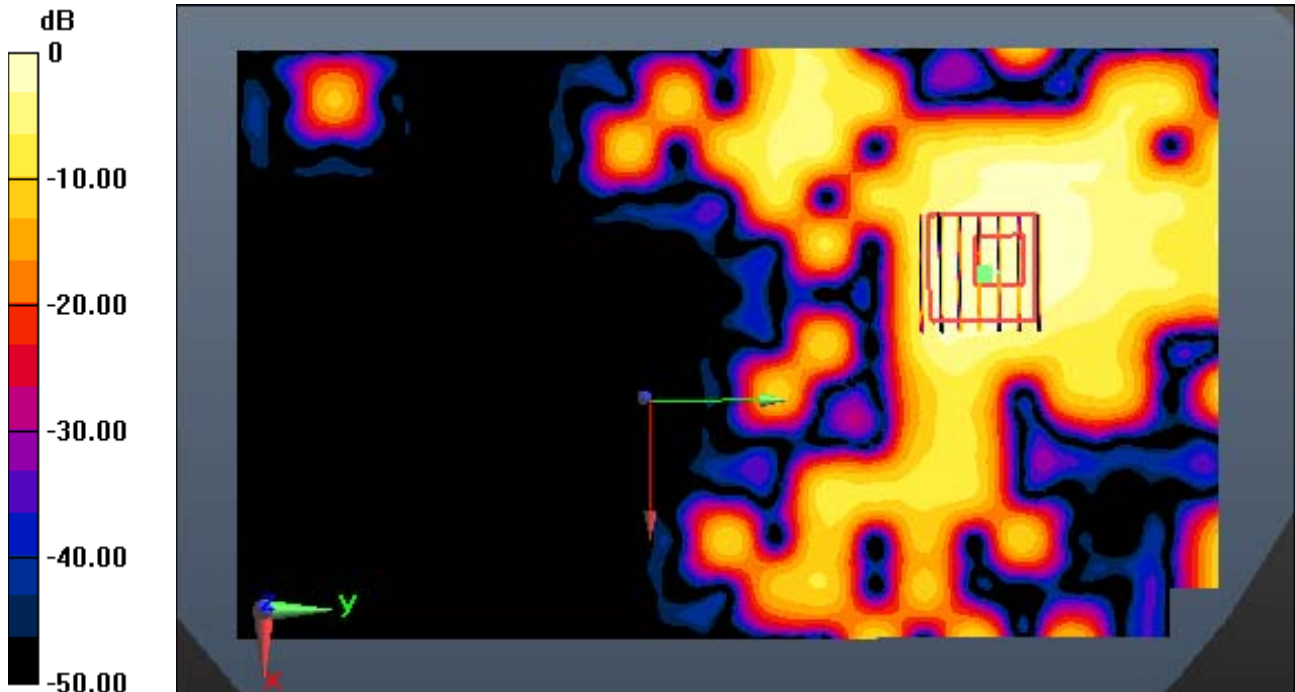
Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.128 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.249$ S/m; $\epsilon_r = 48.597$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.28, 4.28, 4.28); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

1.0 cm space from Body, Rear, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal

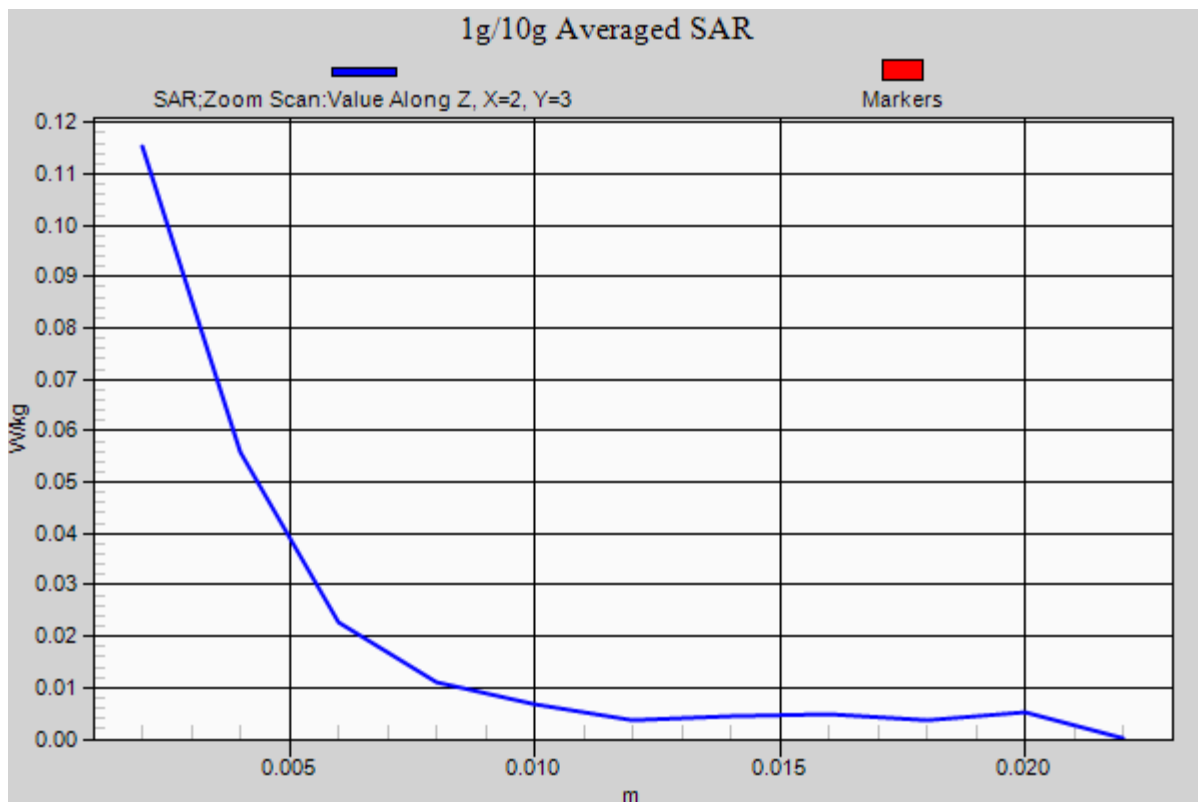
Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.020 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.33 \text{ S/m}$; $\epsilon_r = 48.362$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

1.0 cm space from Body, Rear, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal

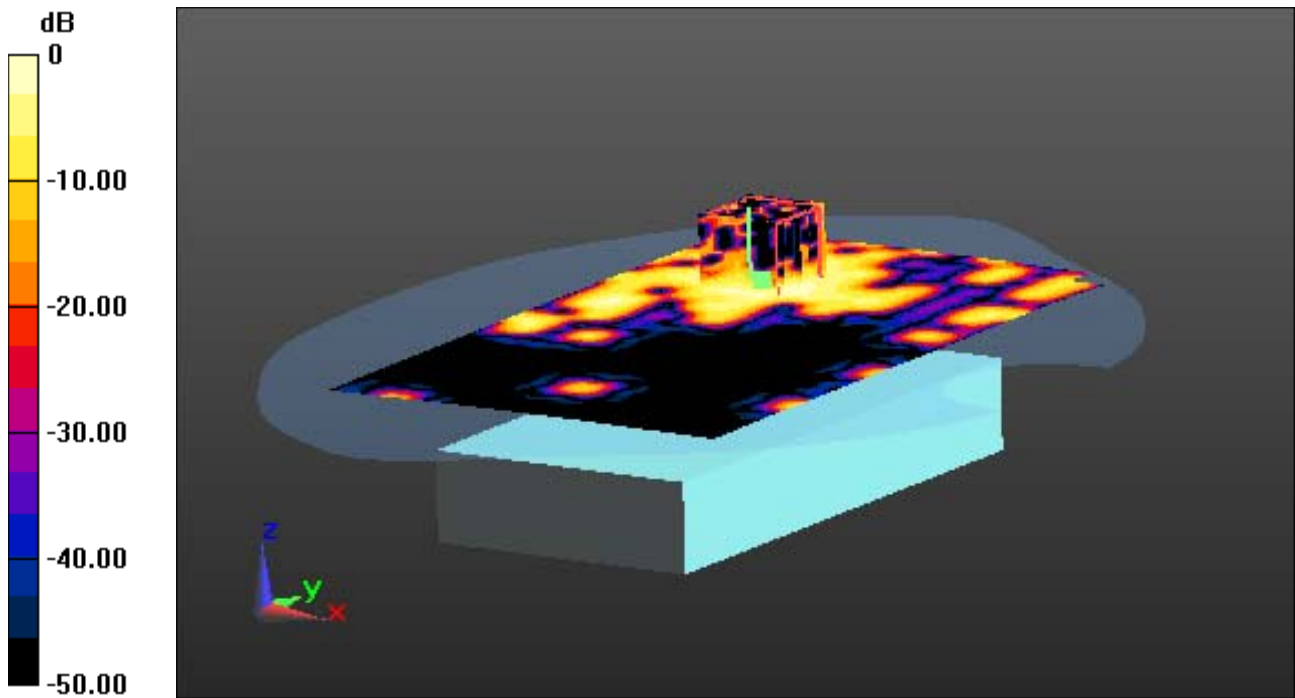
Area Scan (121x201x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.016 W/kg



0 dB = 0.0990 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.33 \text{ S/m}$; $\epsilon_r = 48.362$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

1.0 cm space from Body, Rear, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal

With Enlargr Plot image

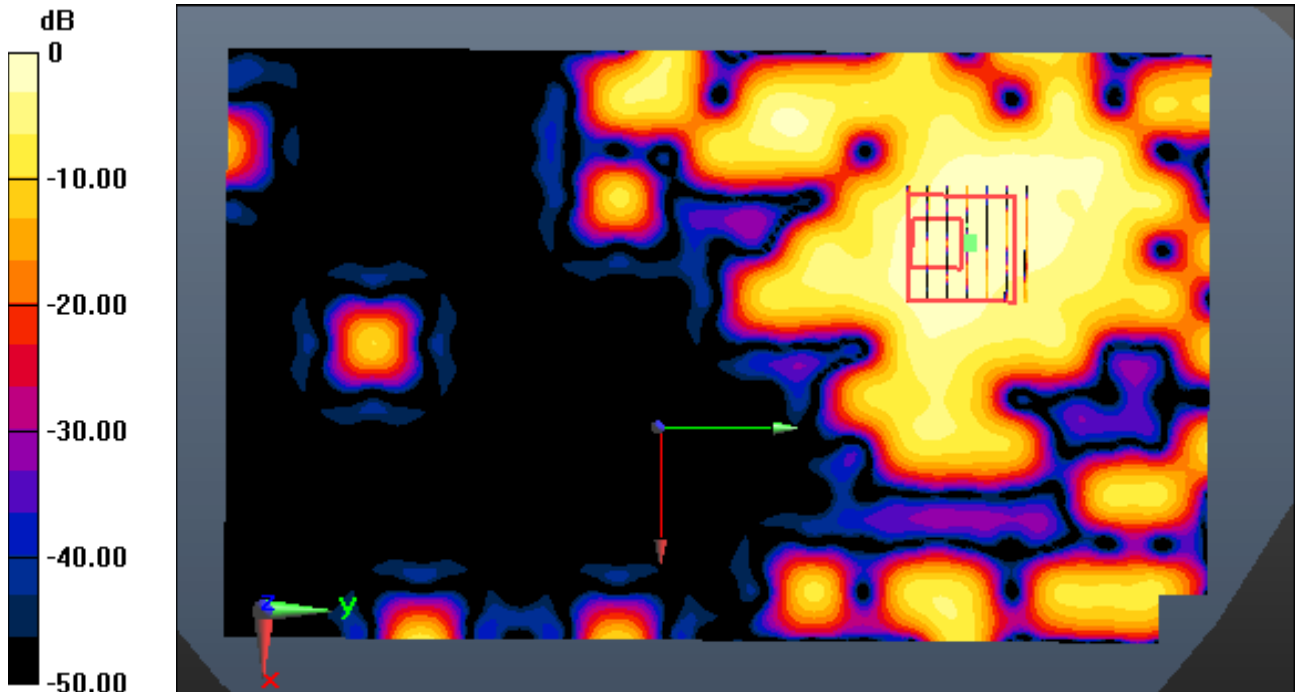
Area Scan (121x201x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.016 W/kg



0 dB = 0.0990 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 48.362$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

1.0 cm space from Body, Rear, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal

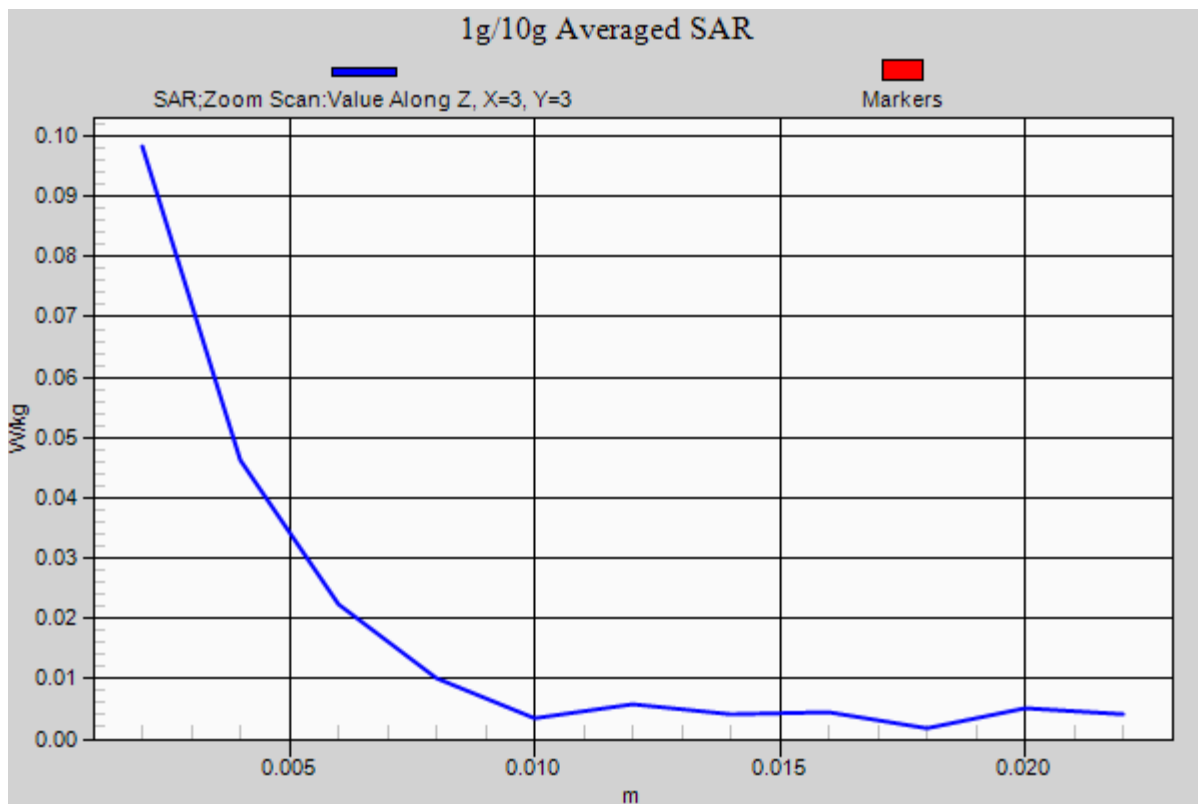
Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.016 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.716$ S/m; $\epsilon_r = 47.227$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

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

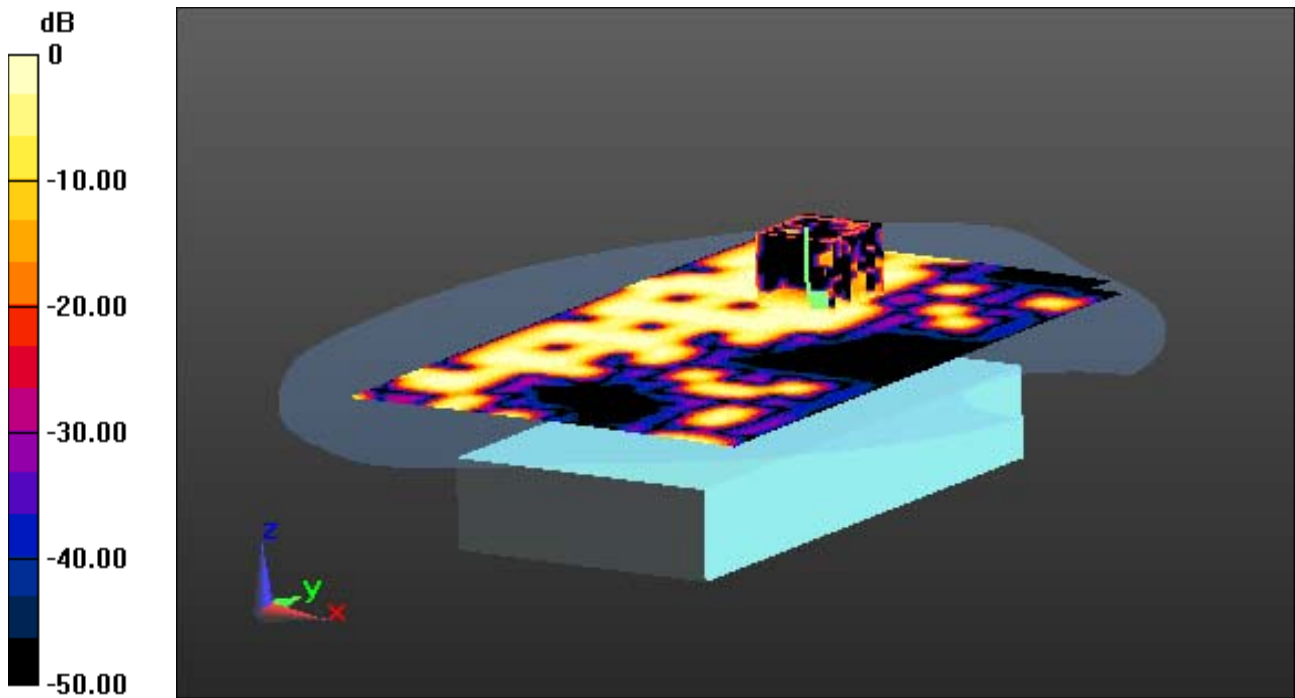
Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0815 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.716$ S/m; $\epsilon_r = 47.227$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

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

With Enlargr Plot image

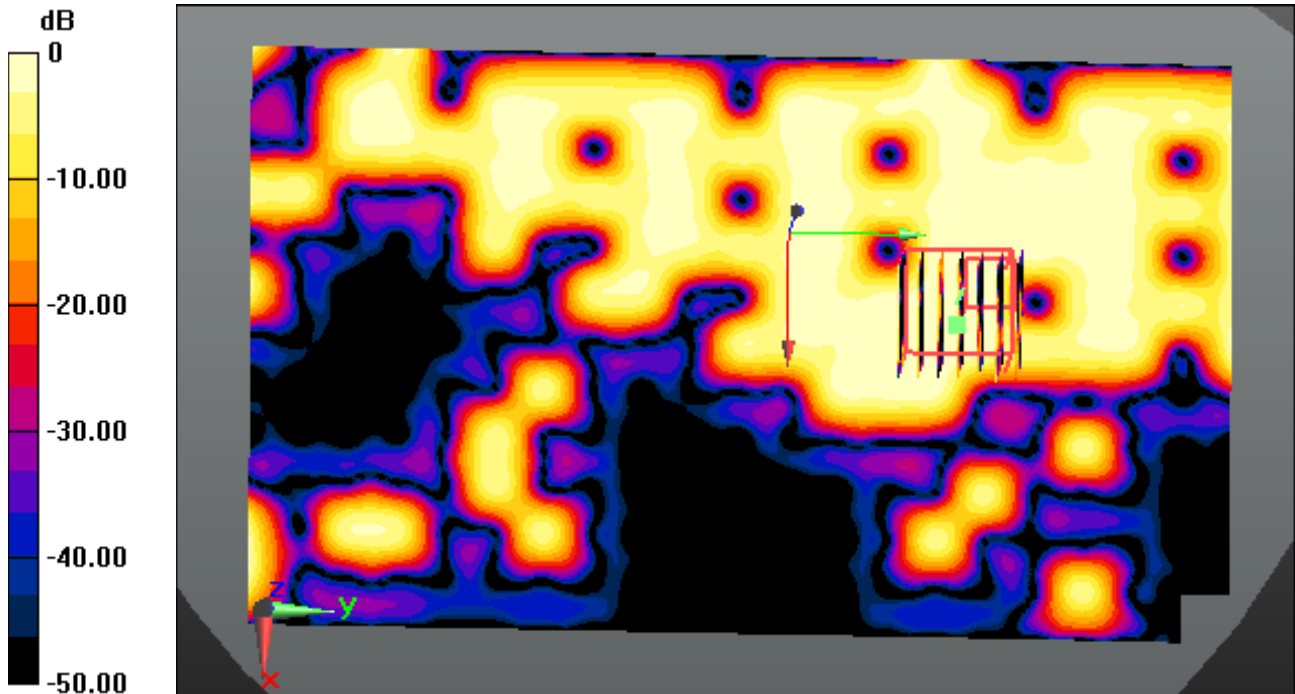
Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0815 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.716$ S/m; $\epsilon_r = 47.227$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

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

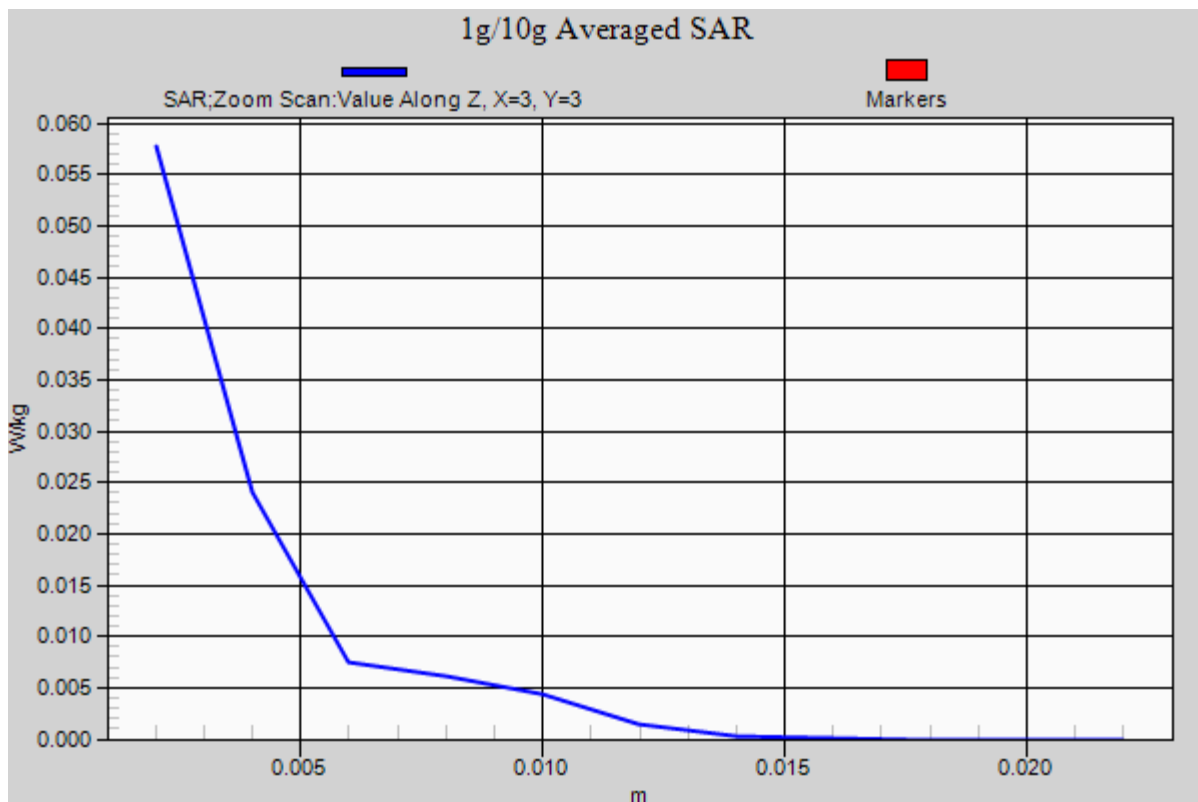
Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.015 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.972 \text{ S/m}$; $\epsilon_r = 52.806$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

Touch from Body, Top, W-LAN(802.11b) Ch. 11, Ant Internal

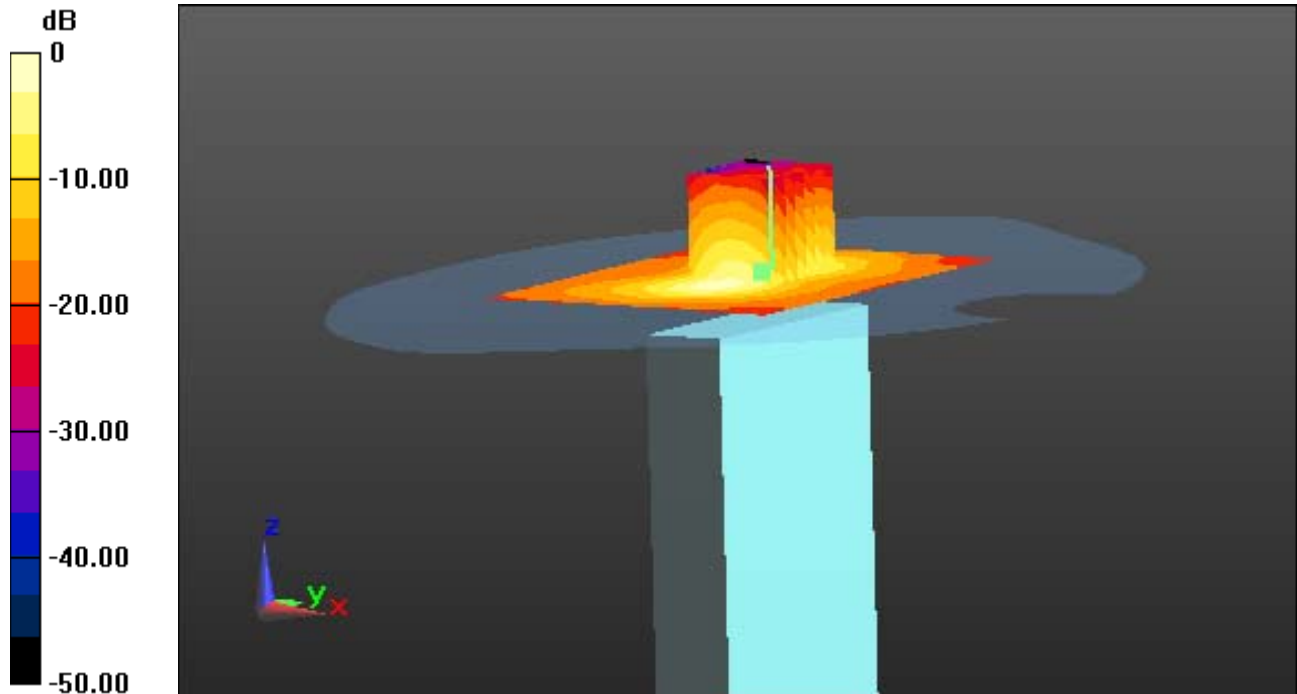
Area Scan (81x101x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.145 W/kg



0 dB = 0.715 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 52.806$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

Touch from Body, Top, W-LAN(802.11b) Ch. 11, Ant Internal

With Enlargr Plot image

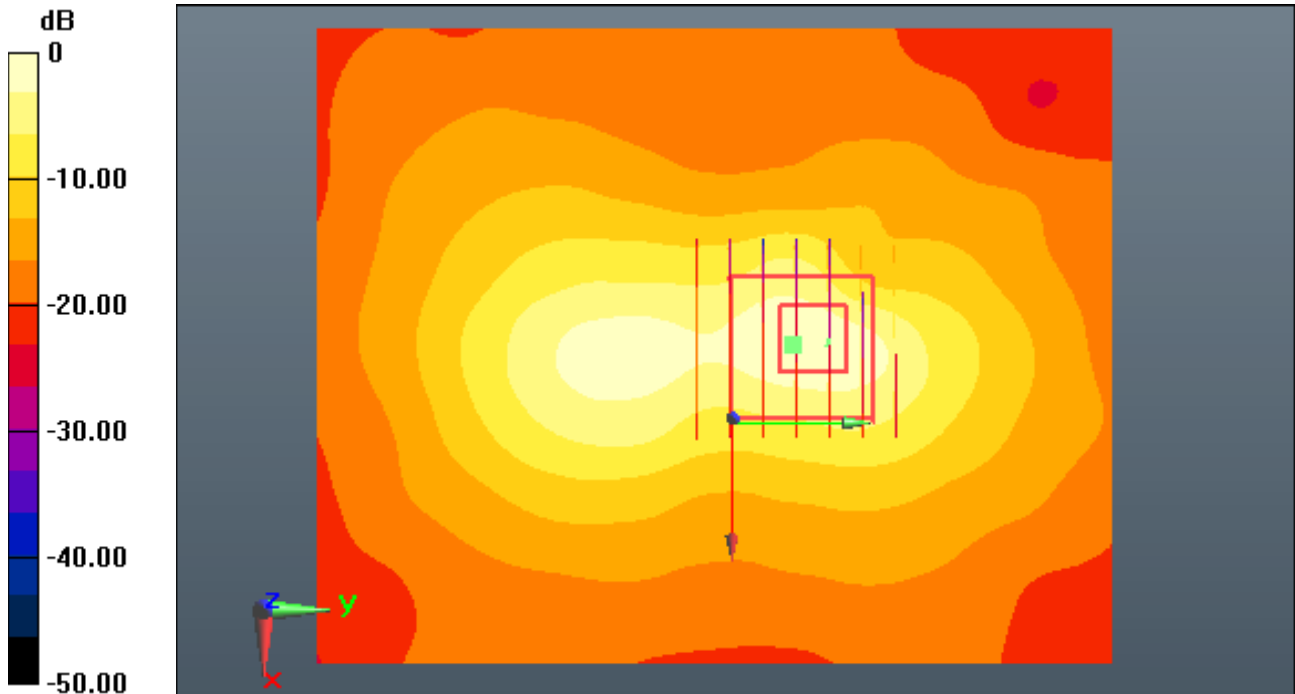
Area Scan (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.145 W/kg



0 dB = 0.715 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 52.806$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.5; Tissue Temp: 21.9

Touch from Body, Top, W-LAN(802.11b) Ch. 11, Ant Internal

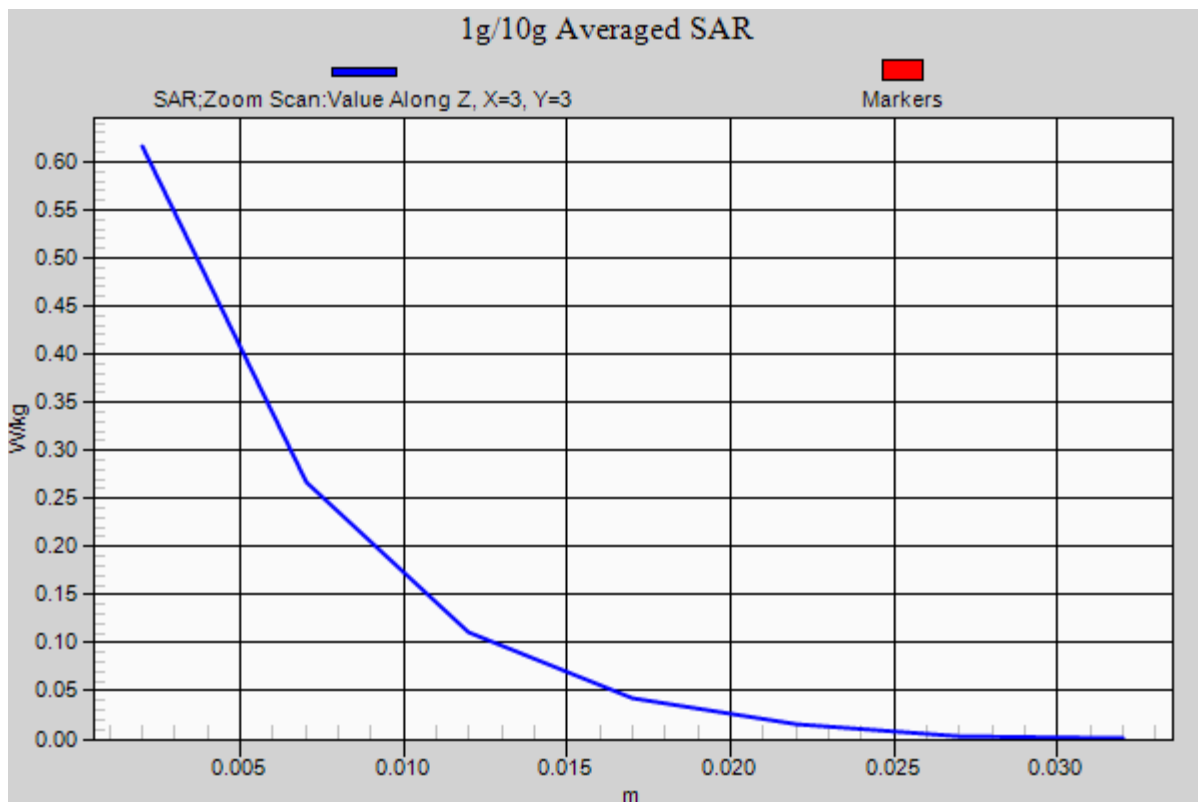
Area Scan (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.145 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.93 \text{ S/m}$; $\epsilon_r = 47.199$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

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

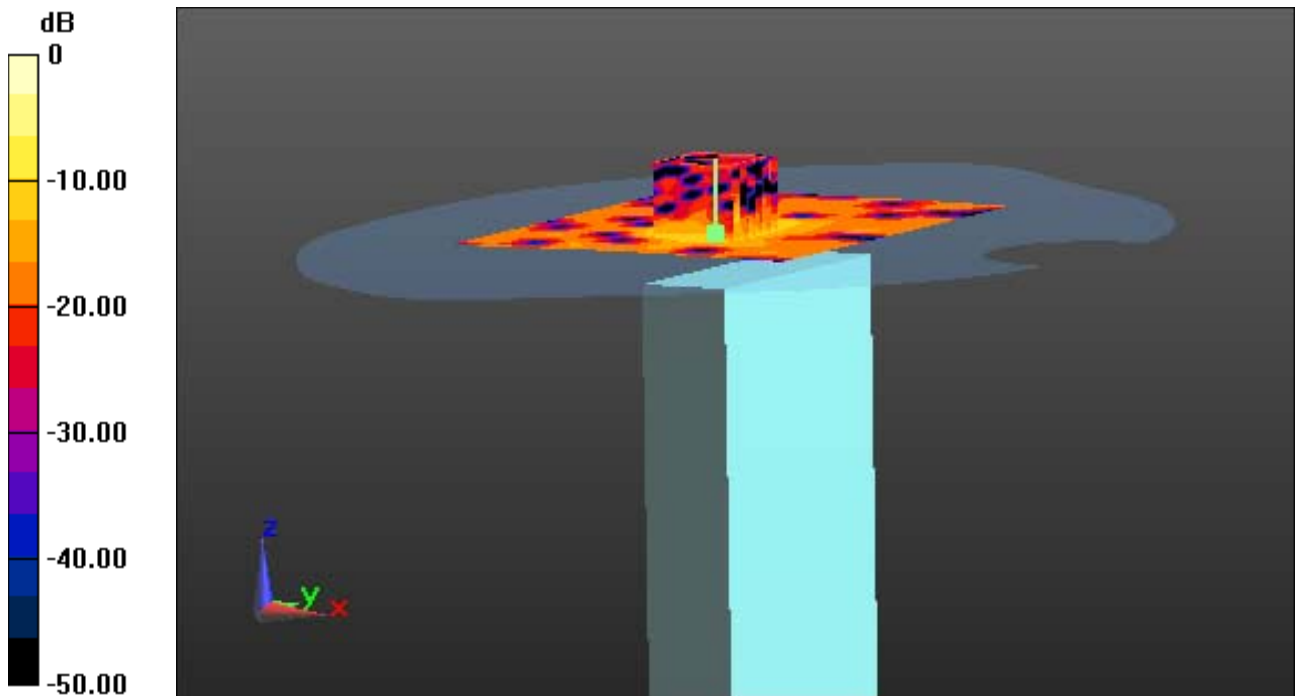
Area Scan (101x121x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.078 W/kg



0 dB = 1.10 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.93 \text{ S/m}$; $\epsilon_r = 47.199$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

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

With Enlargr Plot image

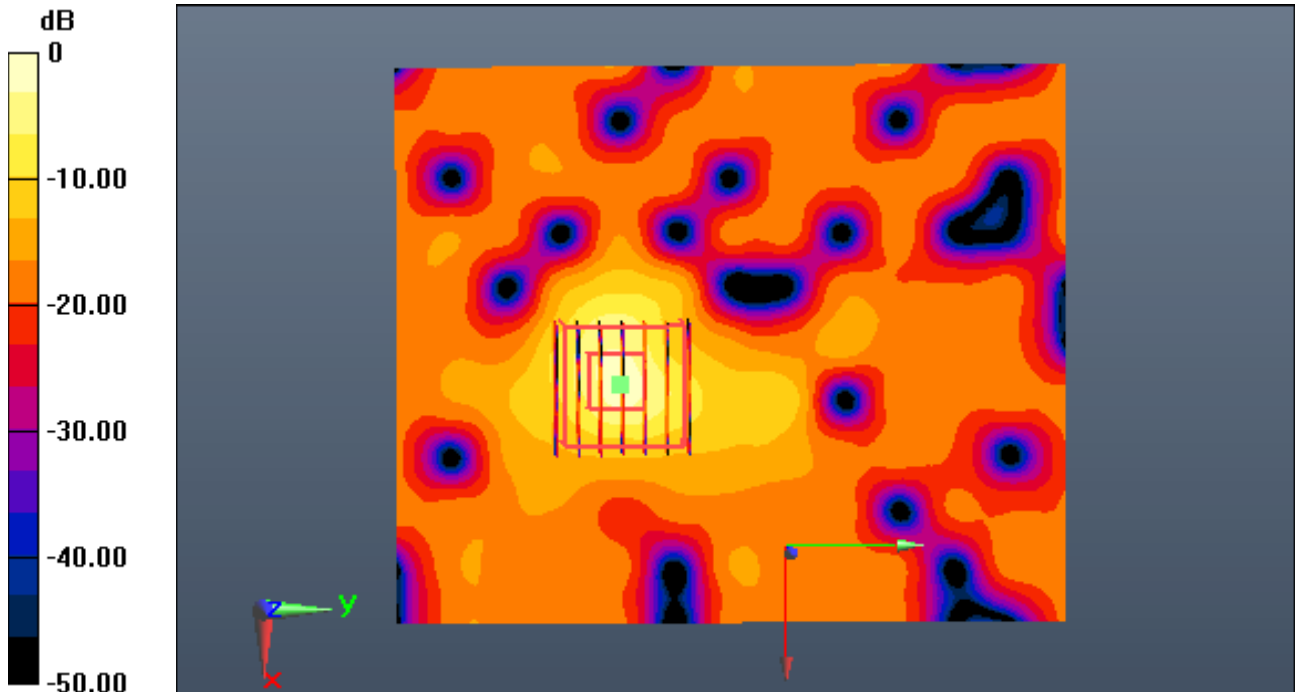
Area Scan (101x121x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.078 W/kg



0 dB = 1.10 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745$ MHz; $\sigma = 5.93$ S/m; $\epsilon_r = 47.199$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.9, 3.9, 3.9); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.6; Tissue Temp: 22.0

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

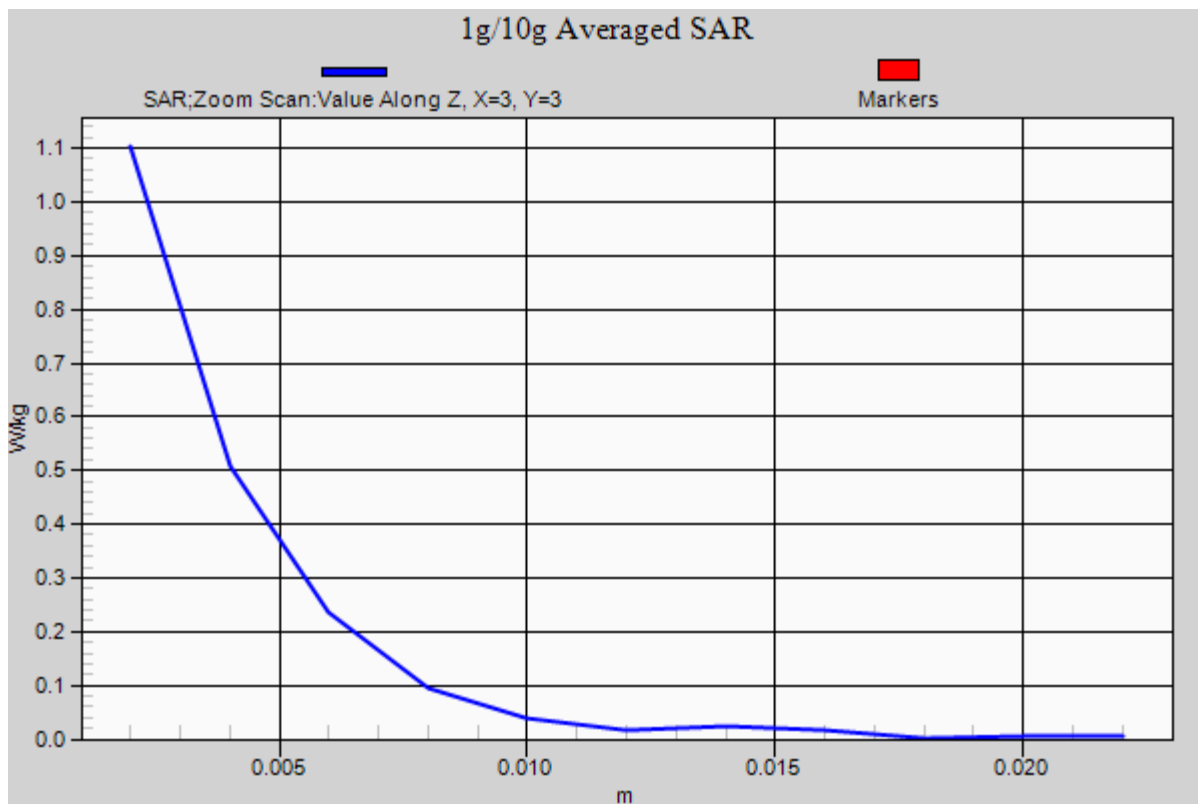
Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.078 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.249$ S/m; $\epsilon_r = 48.597$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.28, 4.28, 4.28); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

Touch from Body, Top, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal

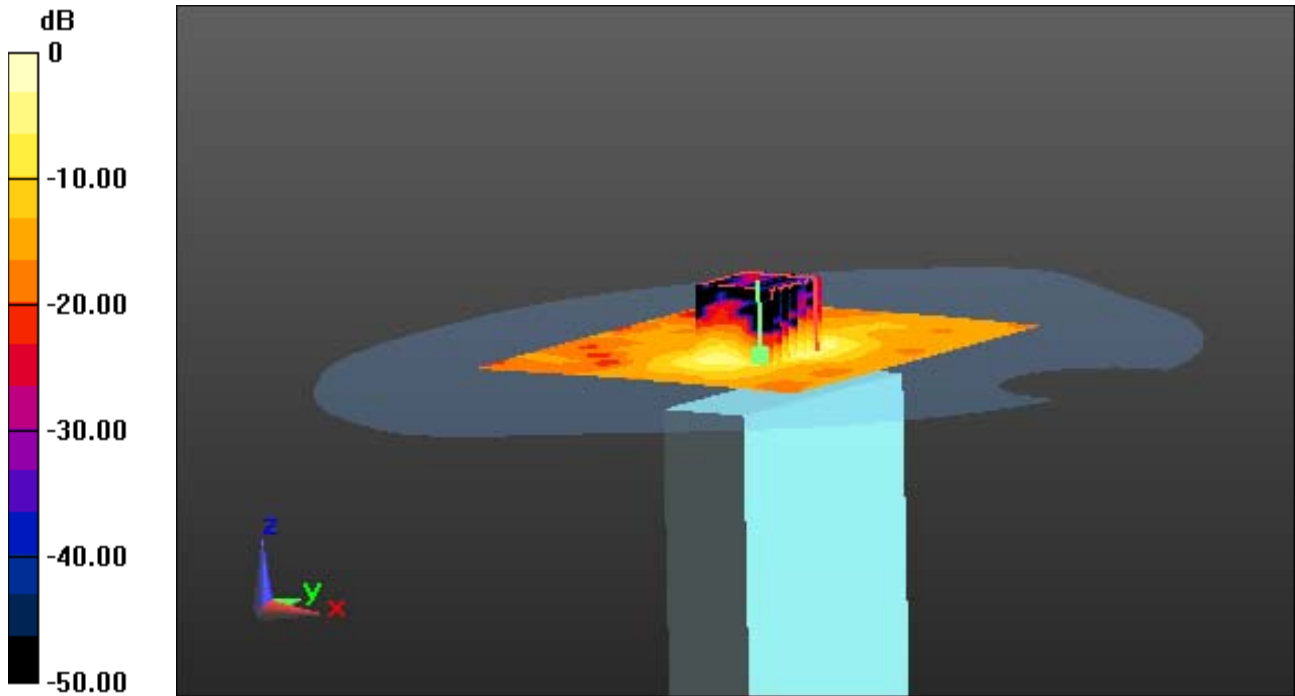
Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.185 W/kg



0 dB = 1.35 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: -LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.249$ S/m; $\epsilon_r = 48.597$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.28, 4.28, 4.28); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

Touch from Body, Top, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal

With Enlargr Plot image

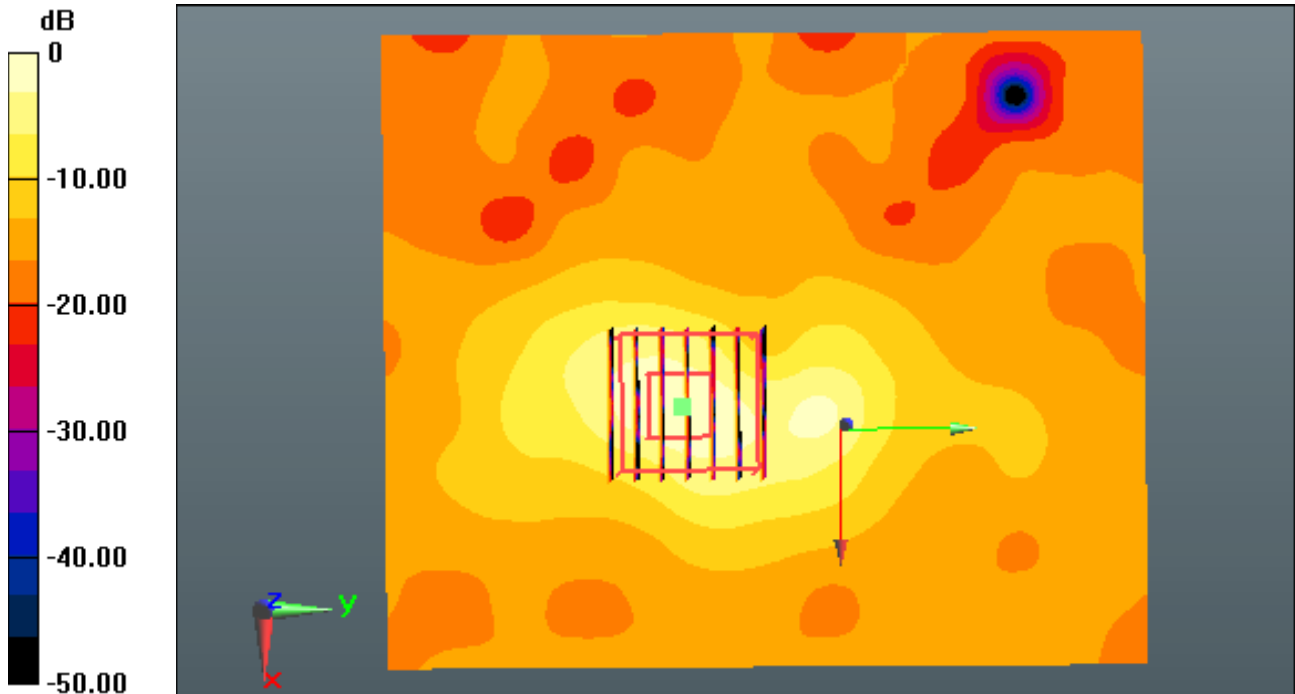
Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.185 W/kg



0 dB = 1.35 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.249$ S/m; $\epsilon_r = 48.597$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.28, 4.28, 4.28); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.9; Tissue Temp: 22.3

Touch from Body, Top, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal

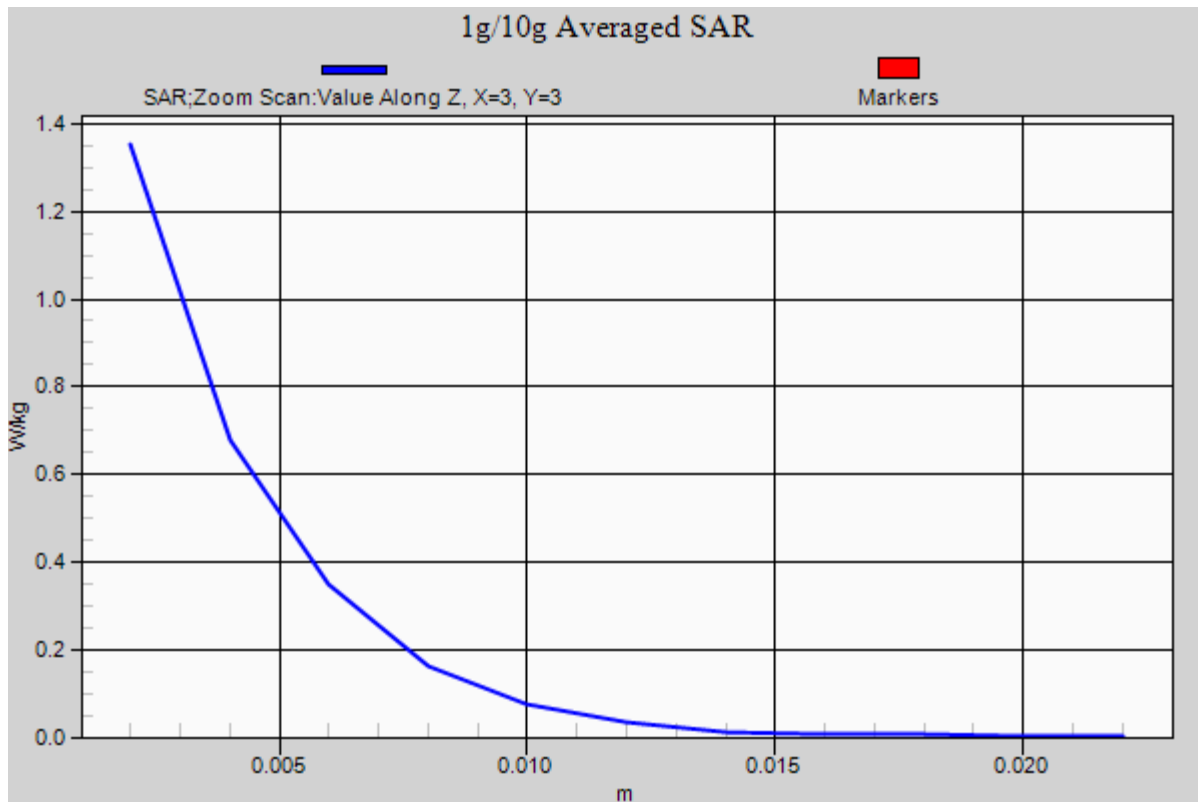
Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.185 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.33 \text{ S/m}$; $\epsilon_r = 48.362$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

Touch from Body, Top, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal

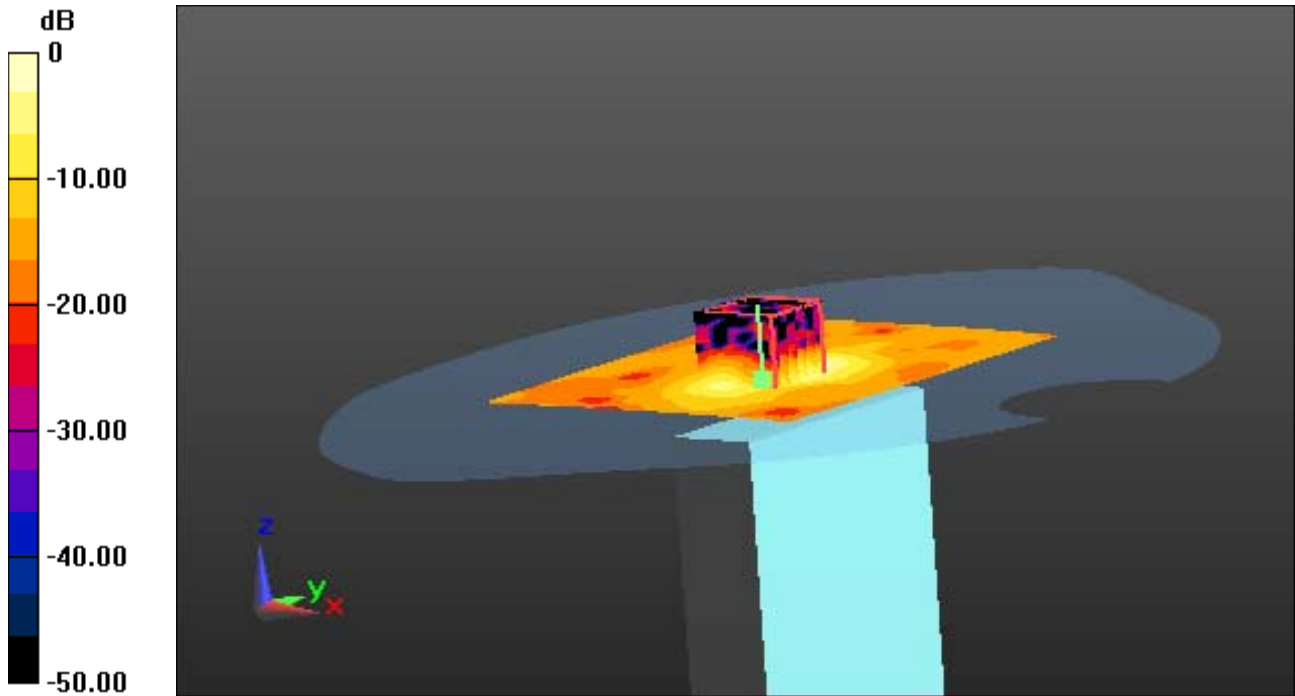
Area Scan (101x121x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.132 W/kg



0 dB = 0.962 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 48.362$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

Touch from Body, Top, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal

With Enlargr Plot image

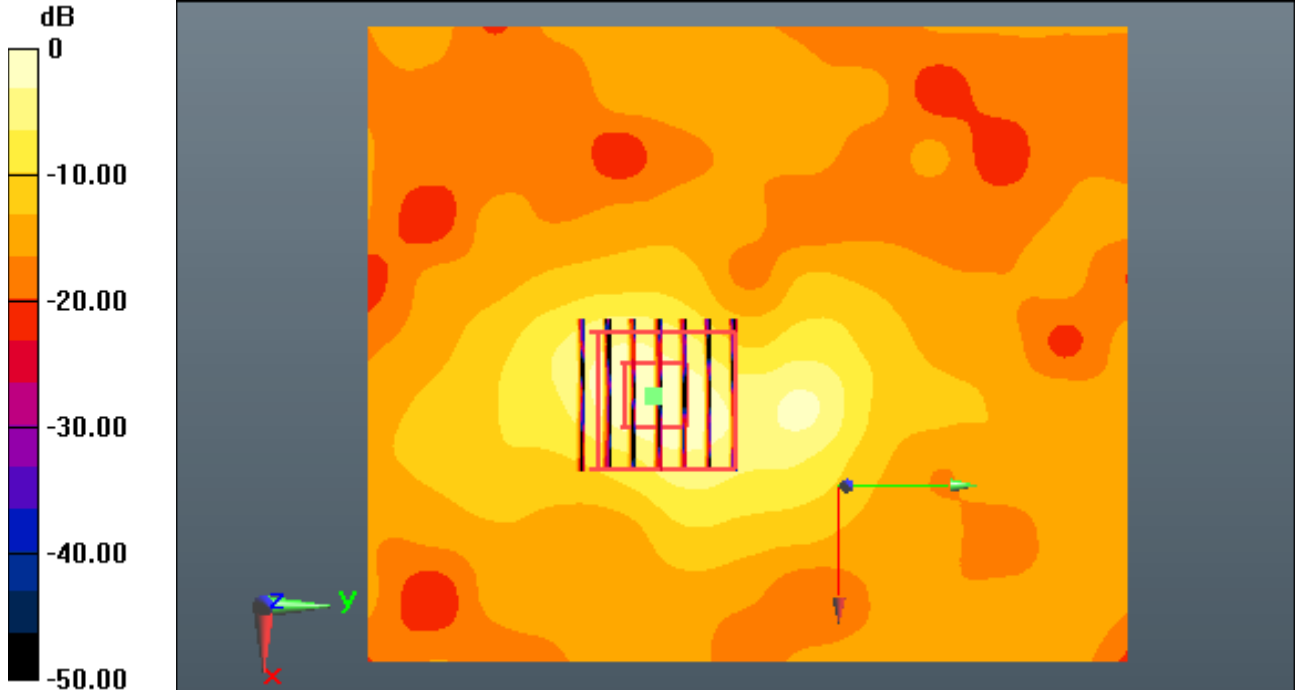
Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.132 W/kg



0 dB = 0.962 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 48.362$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.12, 4.12, 4.12); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 21.4; Tissue Temp: 21.8

Touch from Body, Top, 5.3G W-LAN(802.11a) Ch. 64, Ant Internal

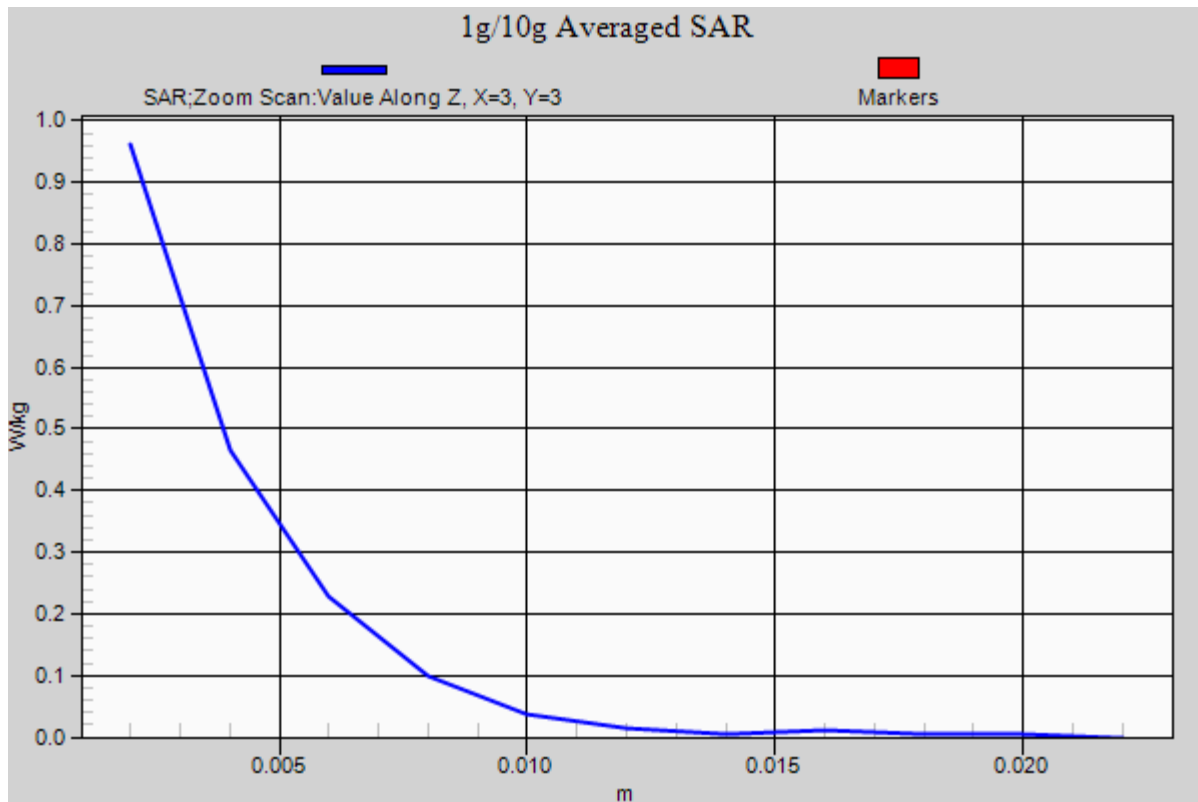
Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.132 W/kg



DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.716$ S/m; $\epsilon_r = 47.227$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

Touch from Body, Top, 5.6G W-LAN(802.11a) Ch. 116, Ant Internal

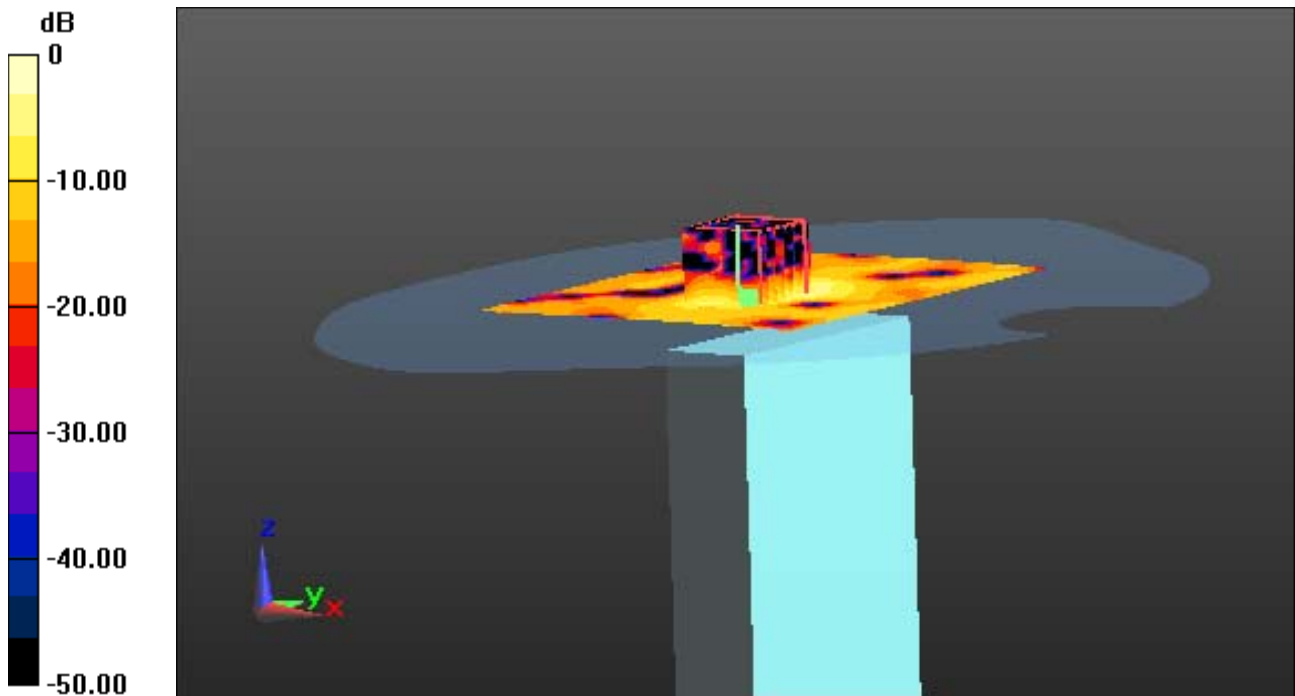
Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.066 W/kg



0 dB = 0.568 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.716$ S/m; $\epsilon_r = 47.227$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

Touch from Body, Top, 5.6G W-LAN(802.11a) Ch. 116, Ant Internal

With Enlargr Plot image

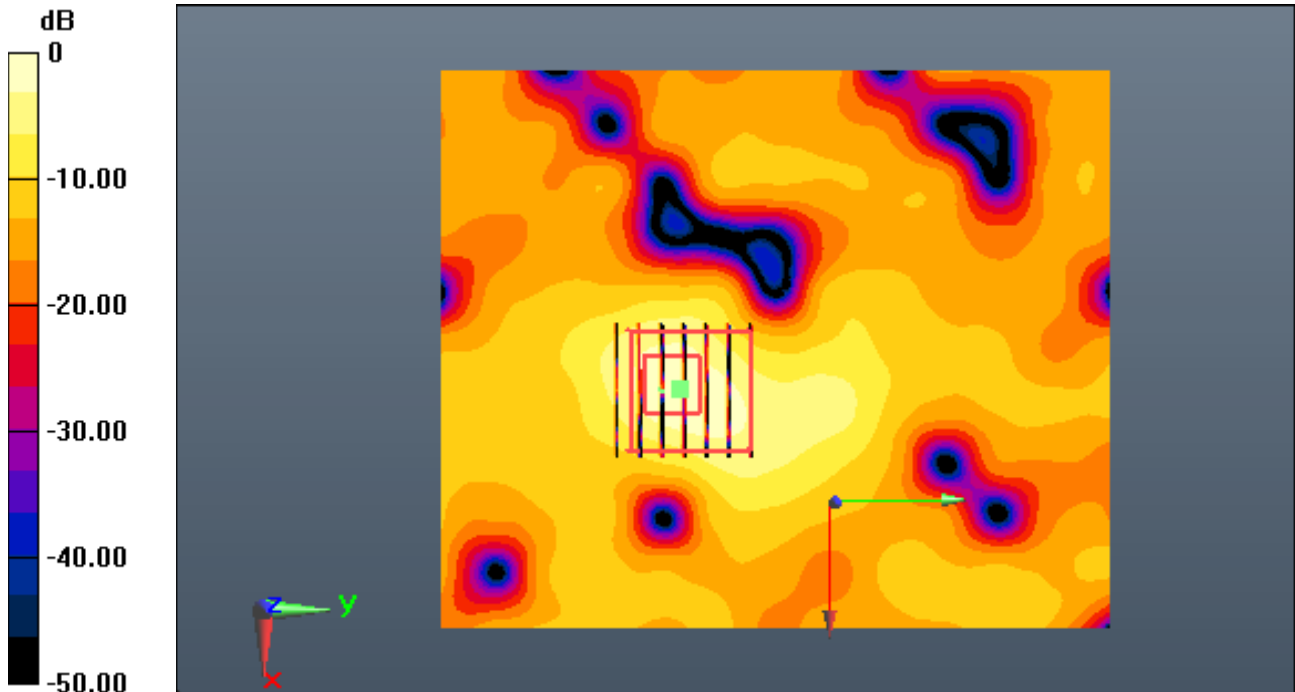
Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.066 W/kg



0 dB = 0.568 W/kg

DT&C Co., Ltd.

DUT: XM5; Type: PDA

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.716$ S/m; $\epsilon_r = 47.227$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.6, 3.6, 3.6); Calibrated: 5/20/2014; Electronics: DAE4 Sn1335
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.7; Tissue Temp: 22.1

Touch from Body, Top, 5.6G W-LAN(802.11a) Ch. 116, Ant Internal

Area Scan (101x121x1): Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.066 W/kg

