

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 42.827$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.0

835 MHz System Verification

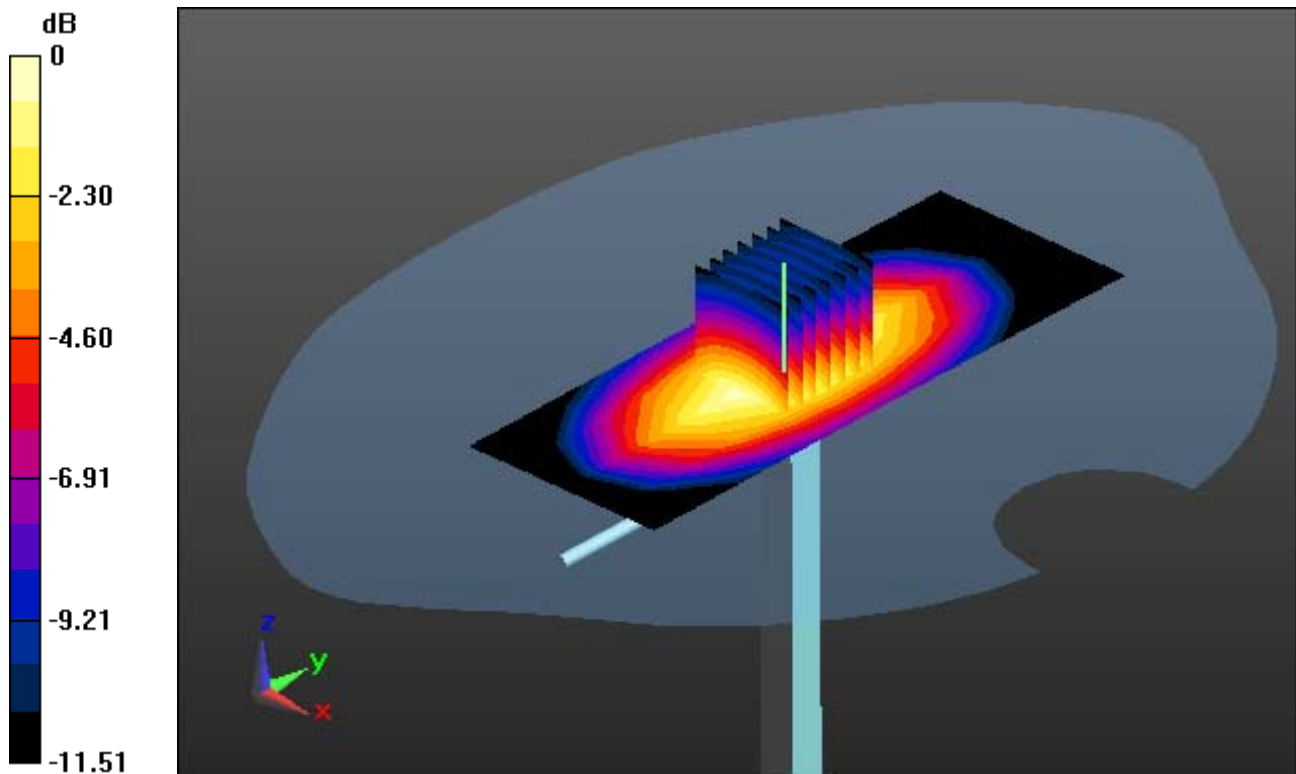
Area Scan (5x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.53 W/kg



0 dB = 2.60 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.827$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.0

835 MHz System Verification

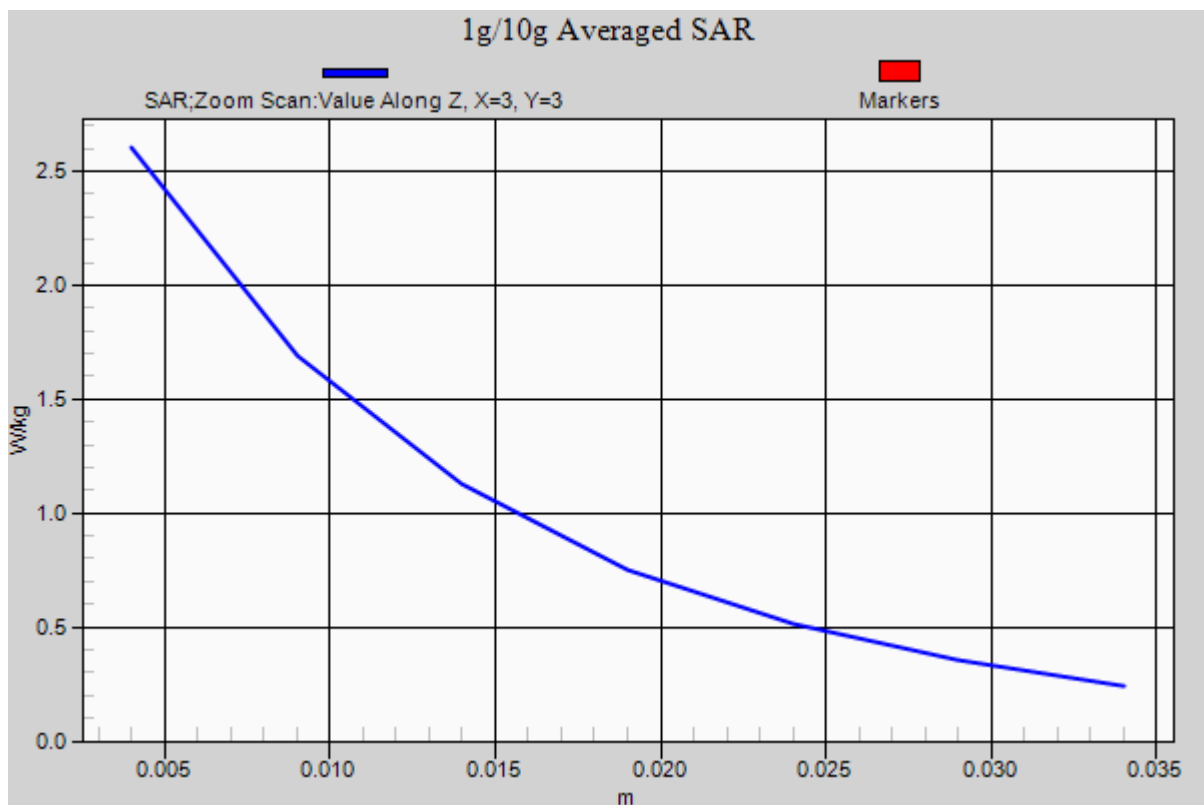
Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.53 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 1.006$ S/m; $\epsilon_r = 57.285$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.3

835 MHz System Verification

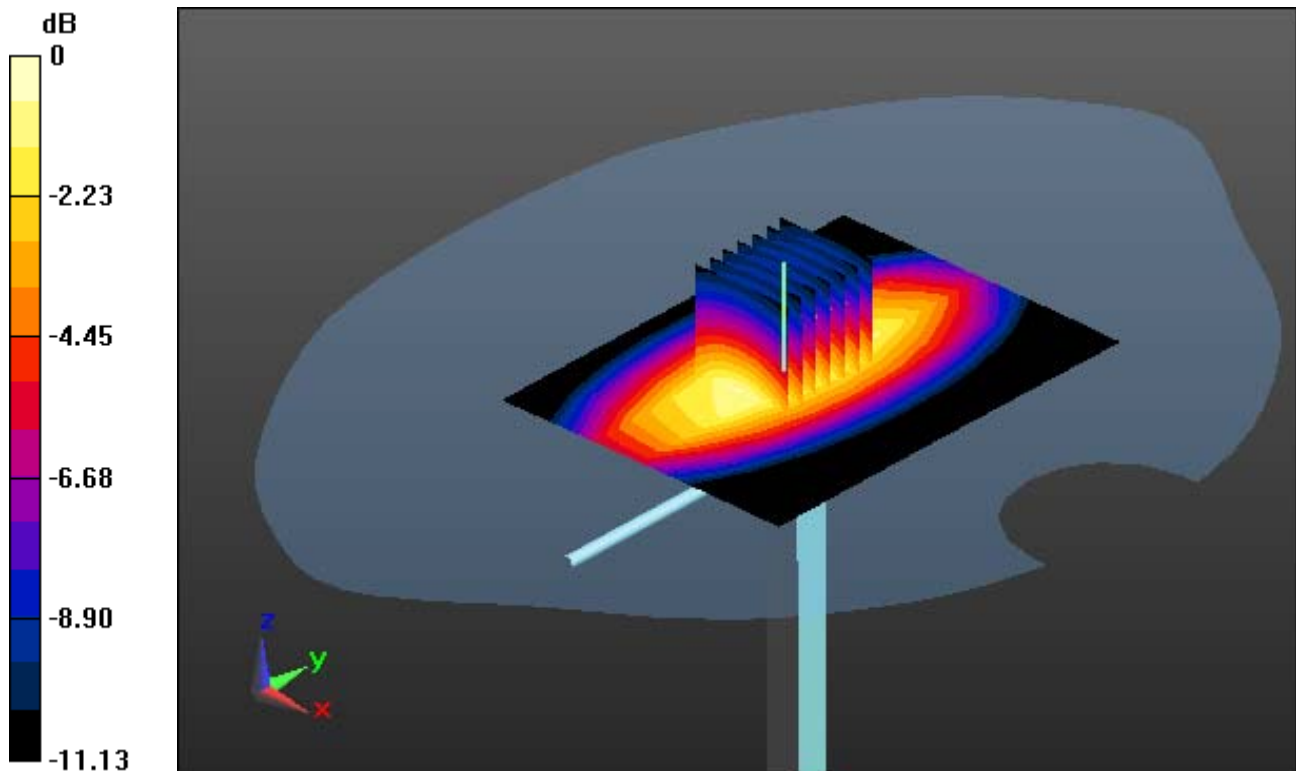
Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.85 W/kg

SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.63 W/kg



0 dB = 3.10 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 1.006$ S/m; $\epsilon_r = 57.285$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.3

835 MHz System Verification

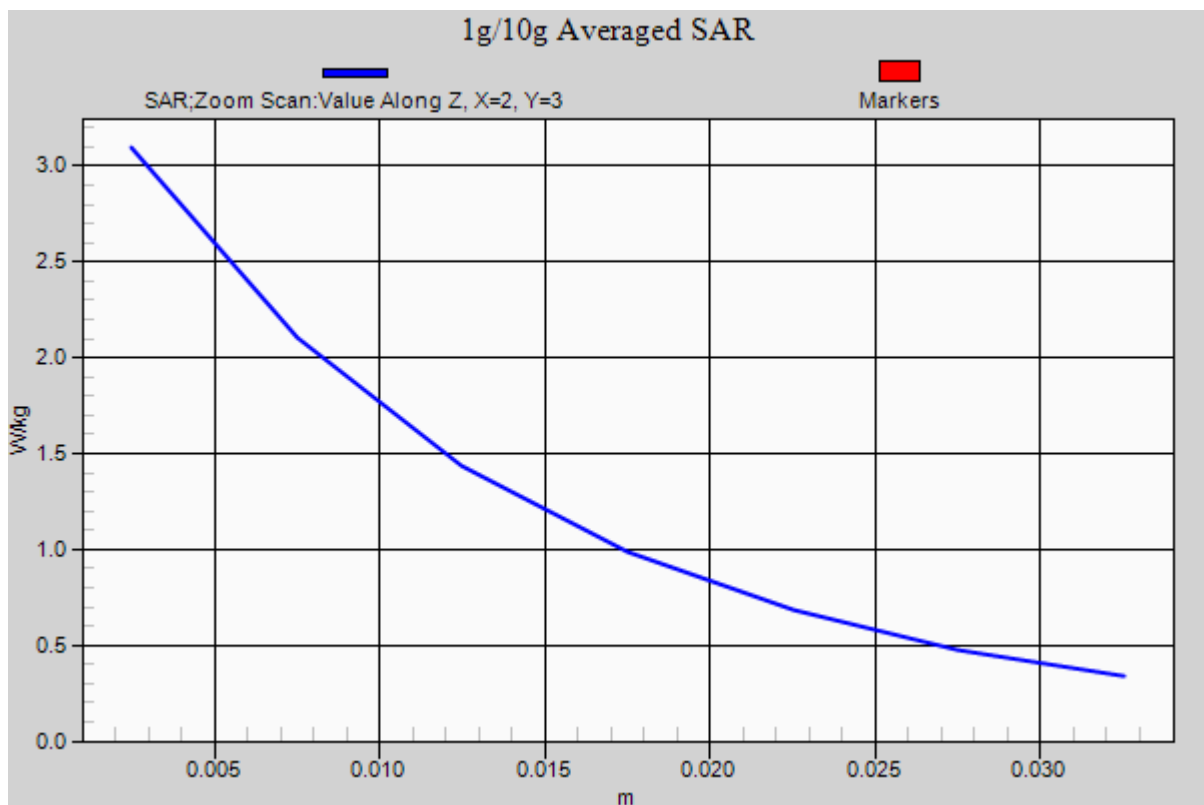
Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.85 W/kg

SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.63 W/kg



DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 39.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.54, 8.54, 8.54); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

1900 MHz System Verification

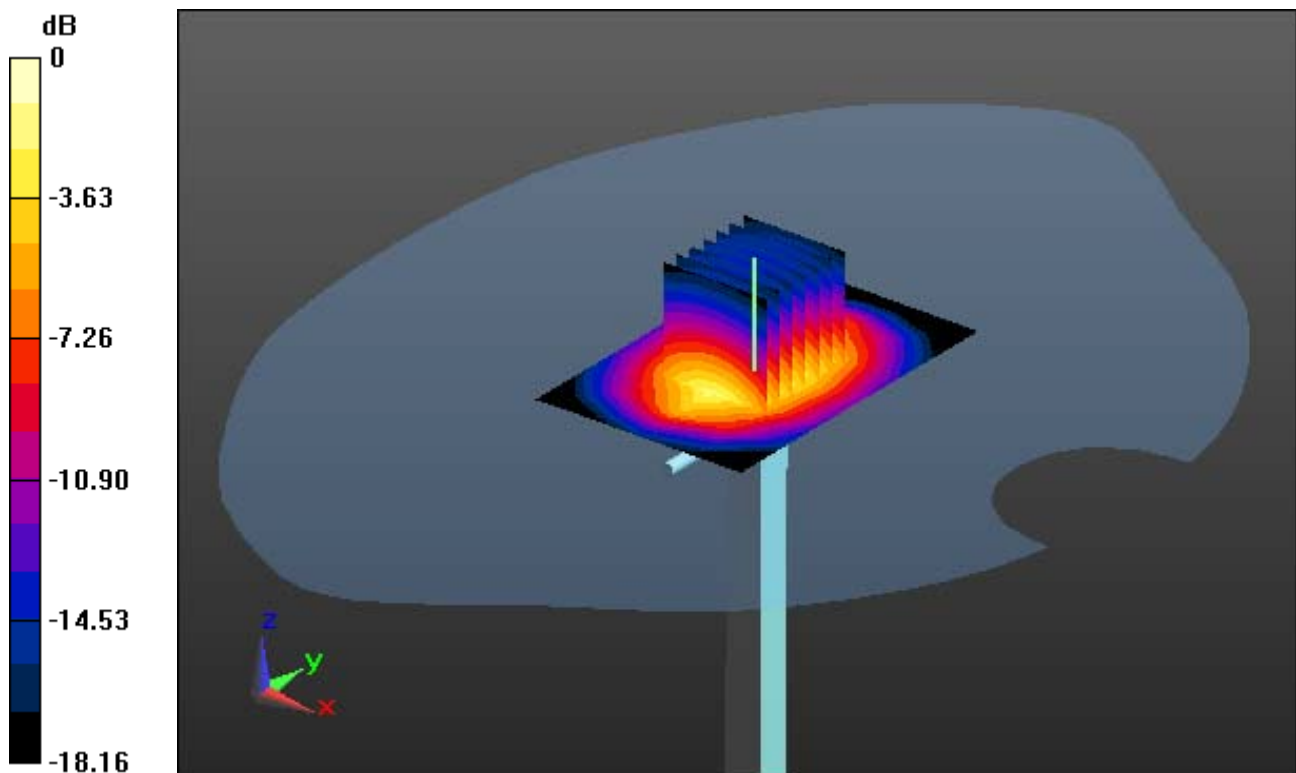
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.34 W/kg



0 dB = 14.8 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 39.257$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.54, 8.54, 8.54); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

1900 MHz System Verification

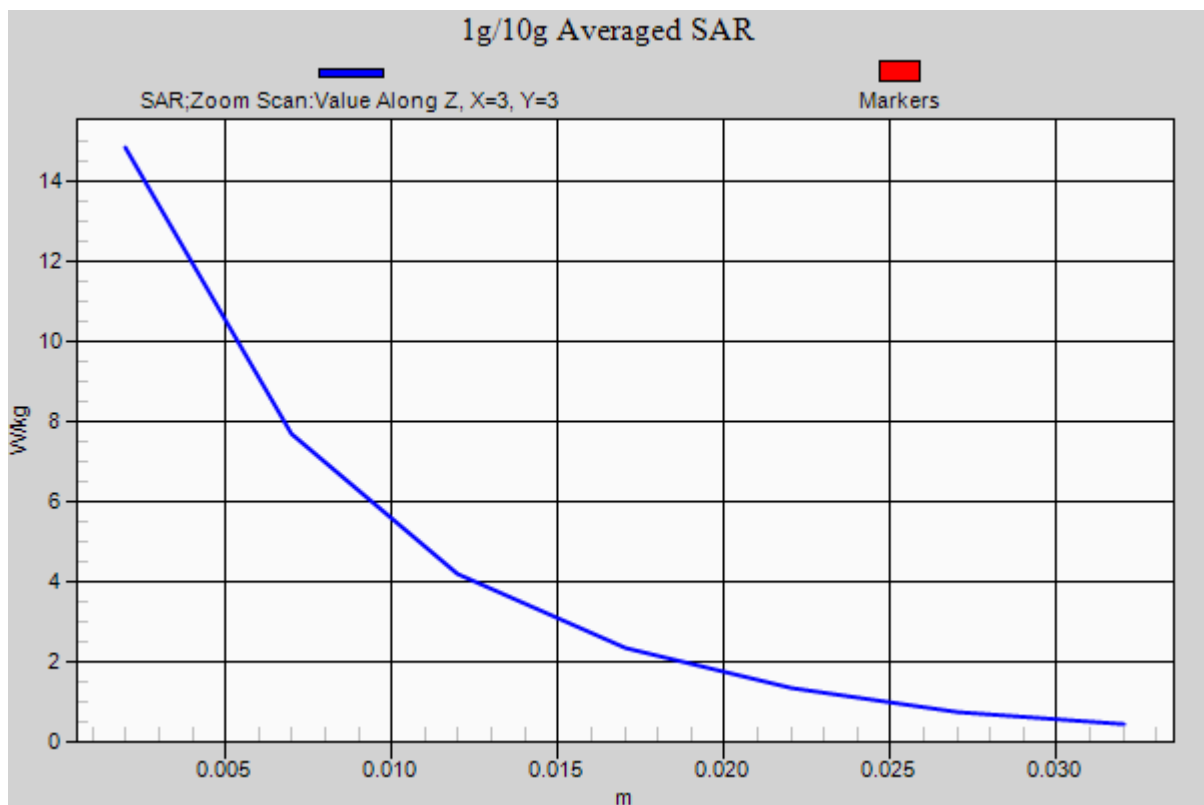
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.34 W/kg



DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 53.449$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.17, 8.17, 8.17); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.2

1900 MHz System Verification

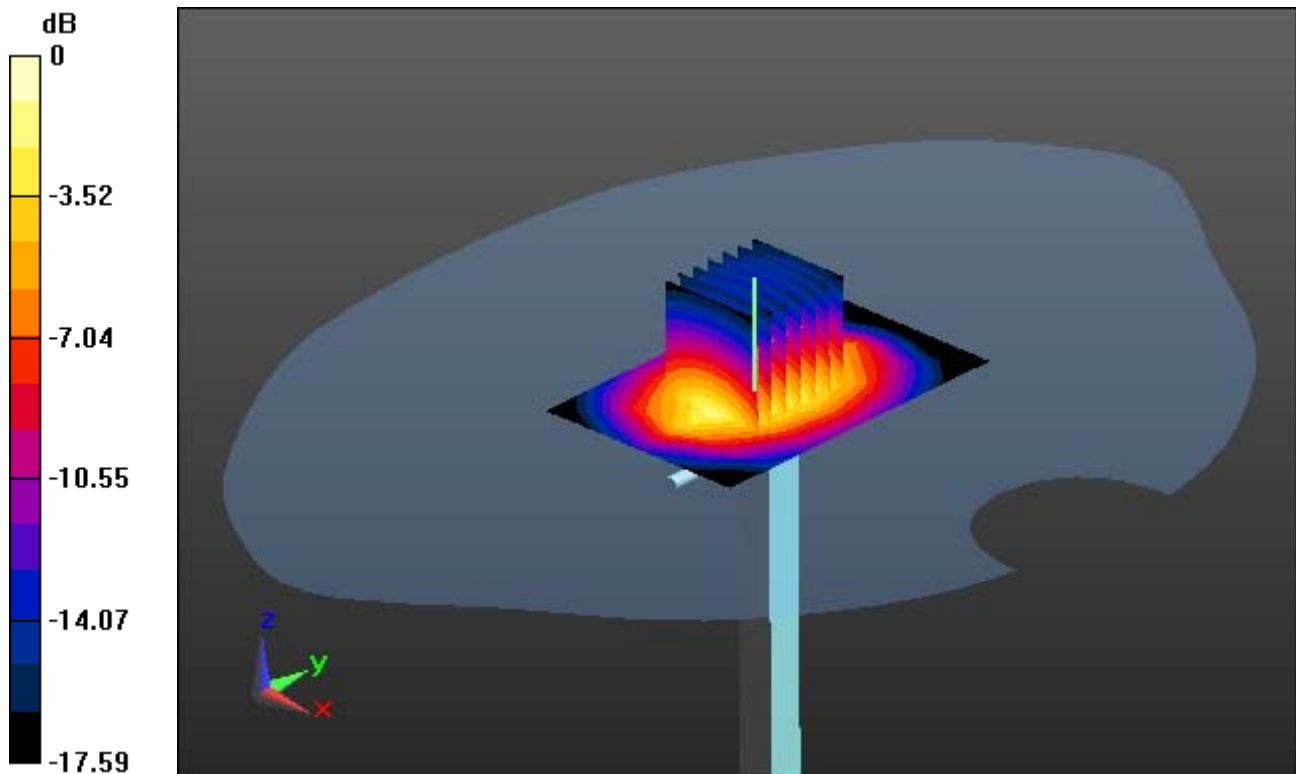
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 20.1 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.62 W/kg



0 dB = 14.4 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 53.449$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.17, 8.17, 8.17); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

1900 MHz System Verification

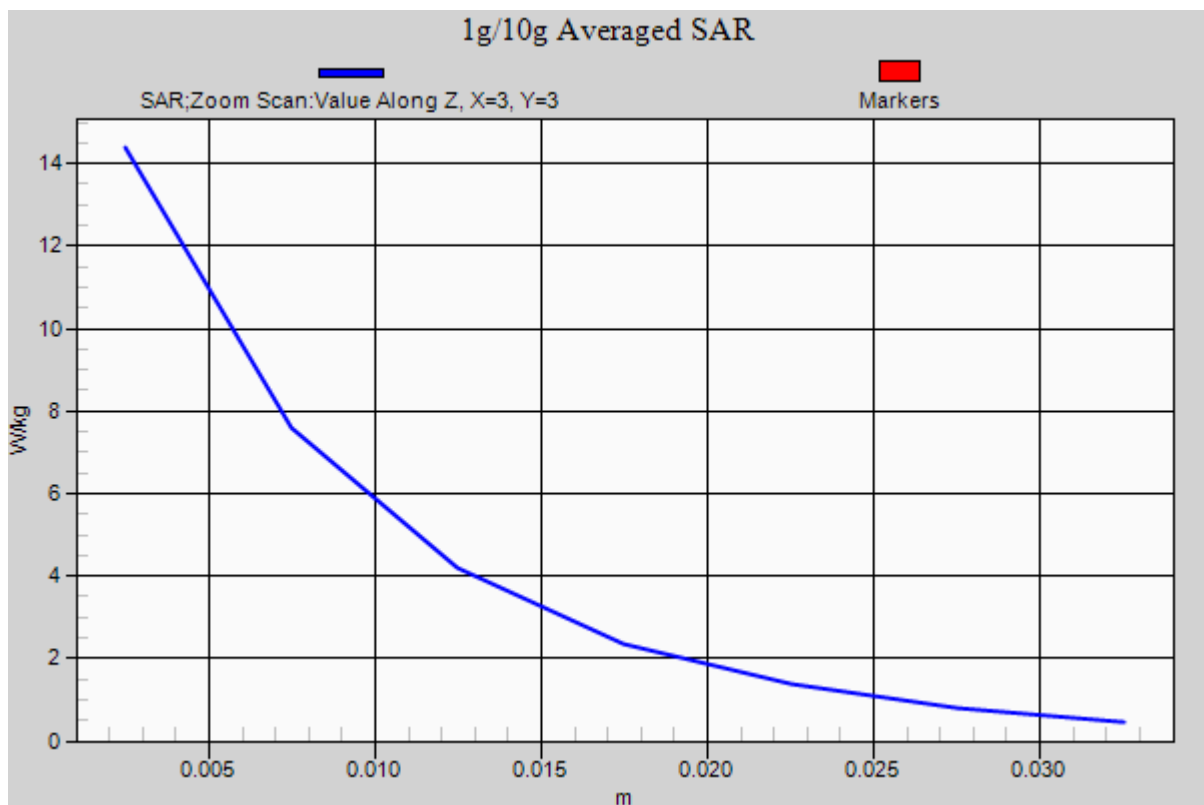
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 20.1 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.62 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 43.001$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.7

835 MHz System Verification

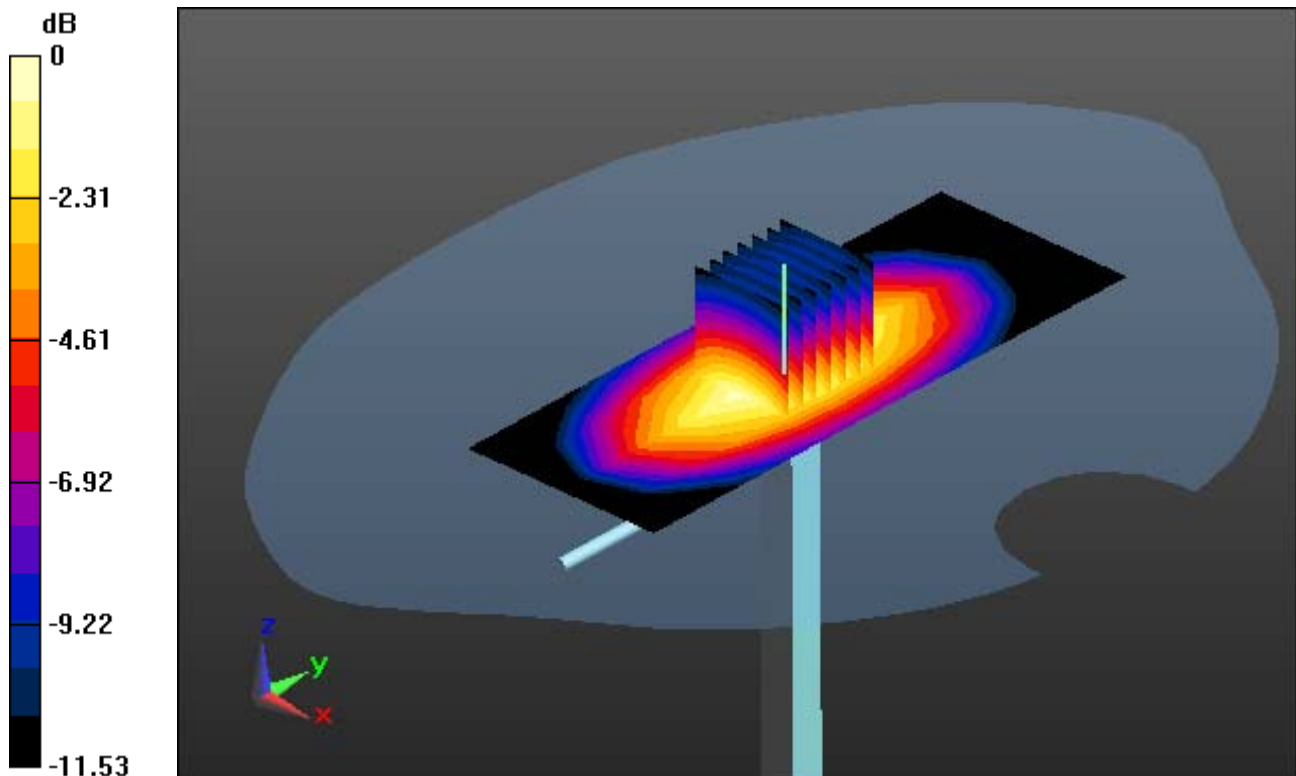
Area Scan (5x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.54 W/kg



0 dB = 2.62 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 43.001$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.7

835 MHz System Verification

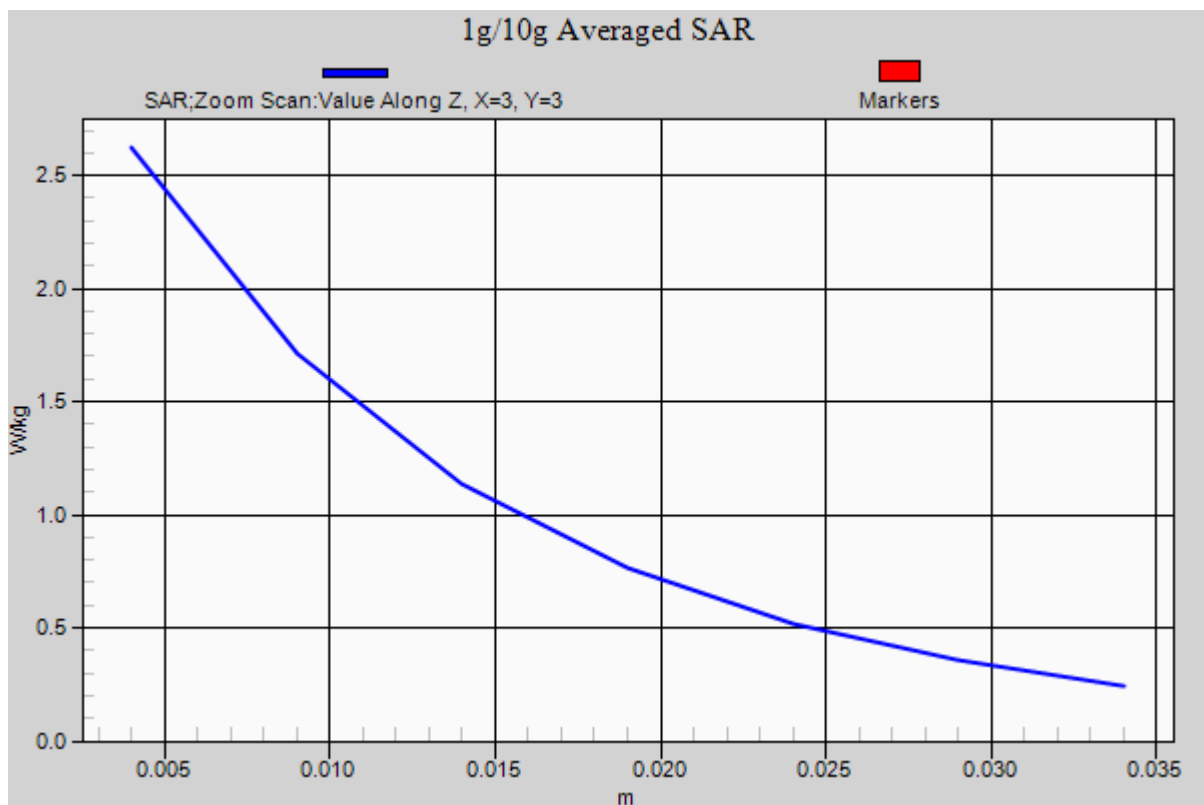
Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.54 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.006 \text{ S/m}$; $\epsilon_r = 57.277$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.9

835 MHz System Verification

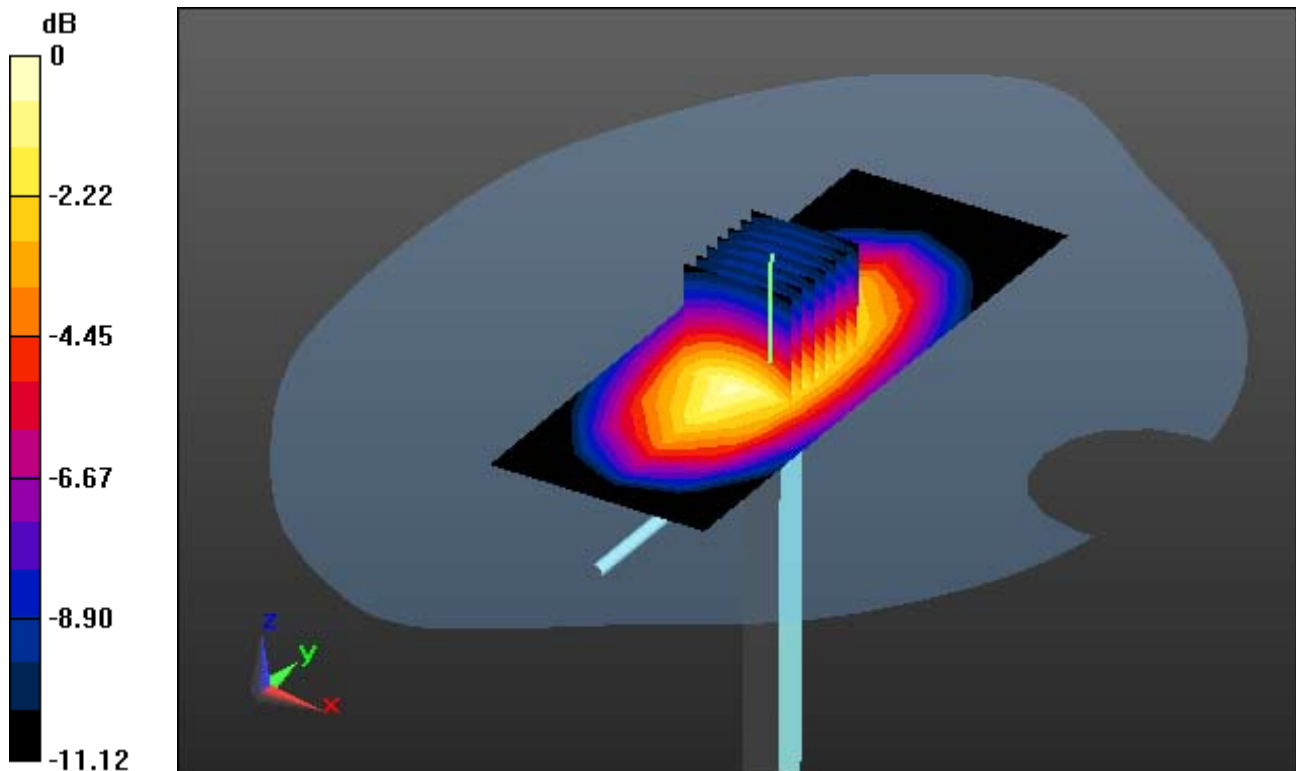
Area Scan (5x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.65 W/kg



0 dB = 3.15 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 1.006$ S/m; $\epsilon_r = 57.277$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.9

835 MHz System Verification

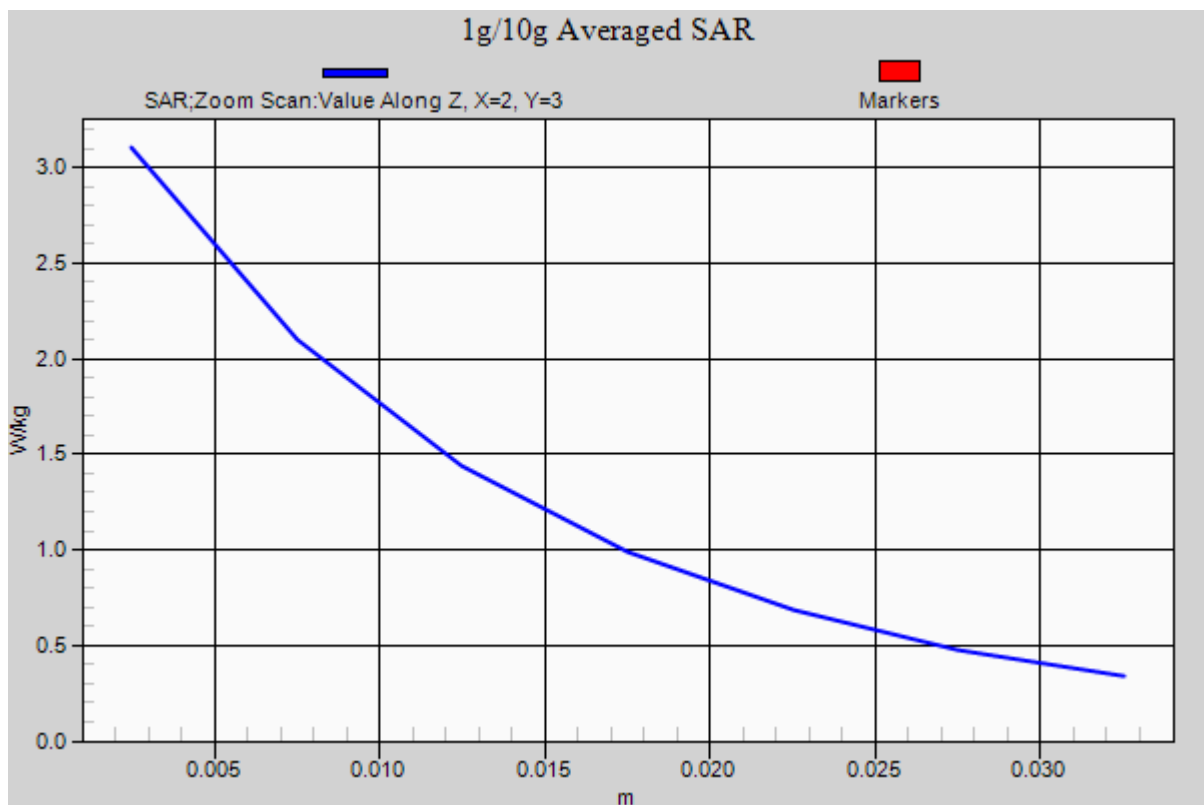
Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.65 W/kg



DT&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(11, 11, 11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.4

750 MHz System Verification

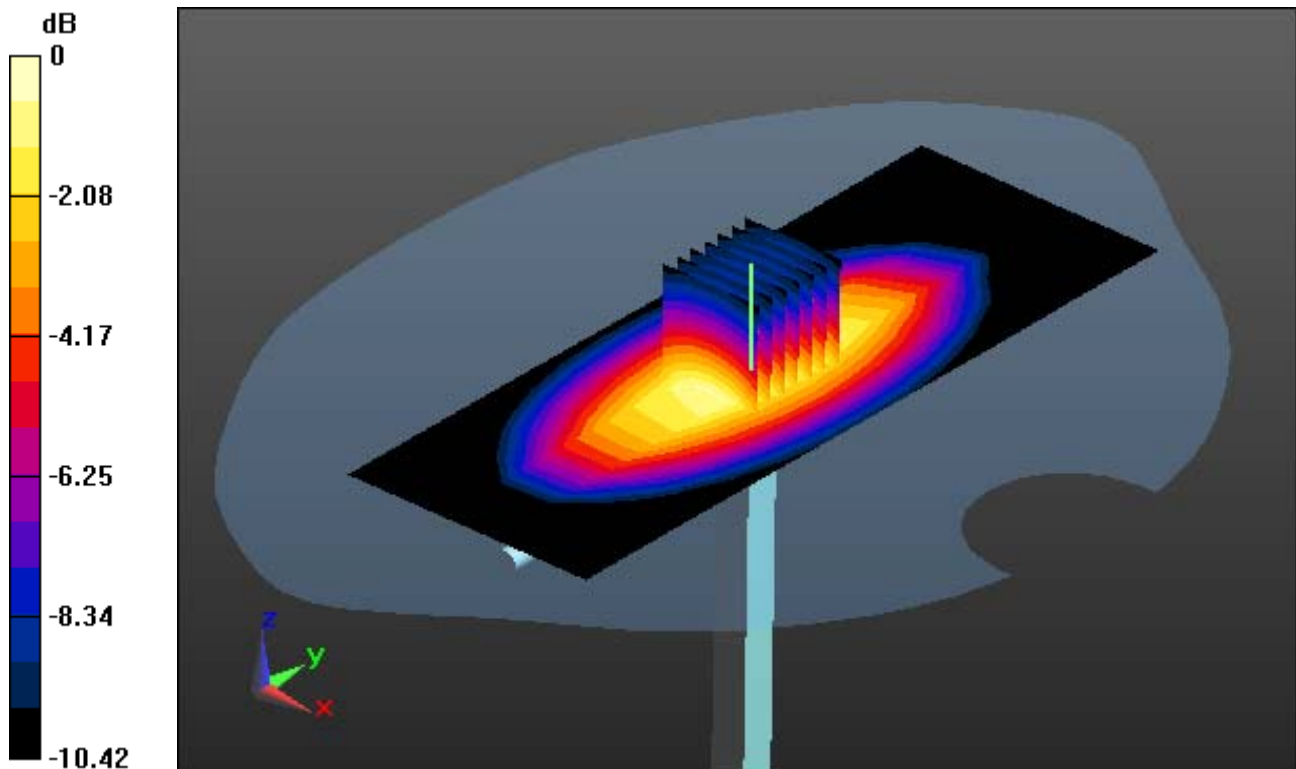
Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.31 W/kg



0 dB = 2.53 W/kg

DT&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(11, 11, 11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.4

750 MHz System Verification

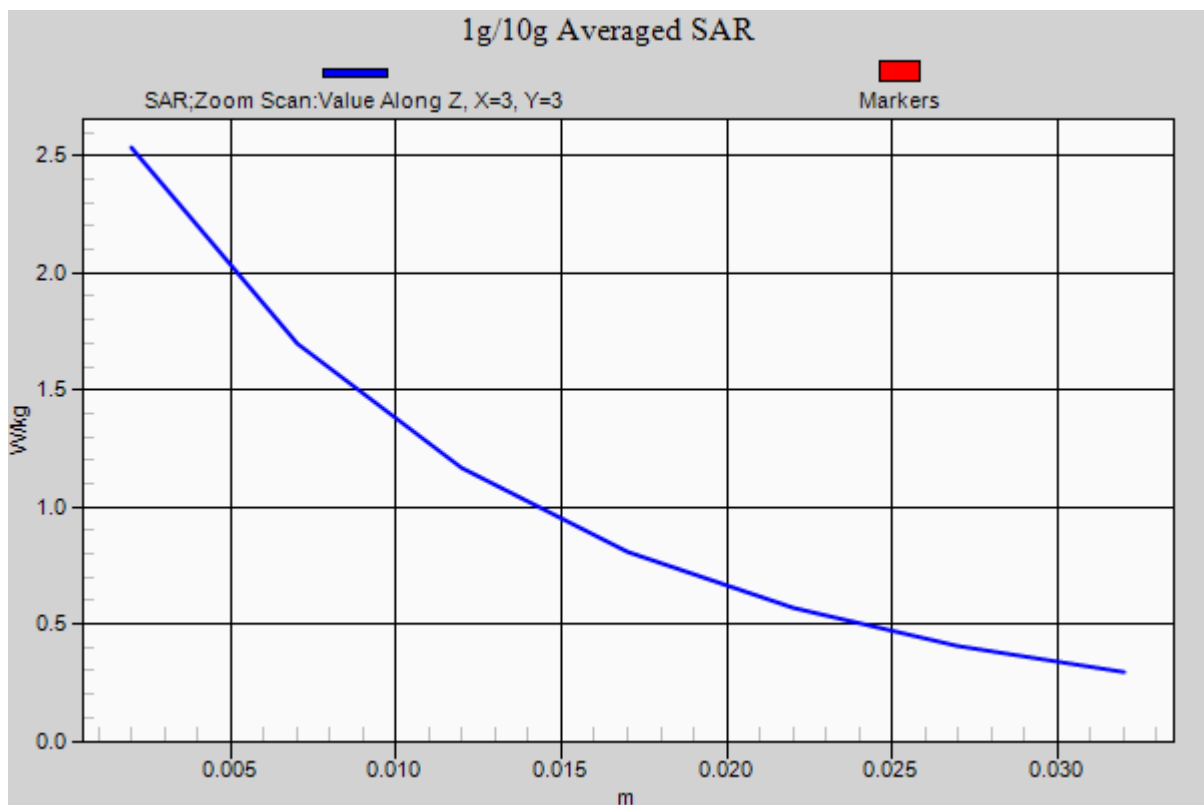
Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.31 W/kg



DT&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 56.584$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.82, 10.82, 10.82); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.6

750 MHz System Verification

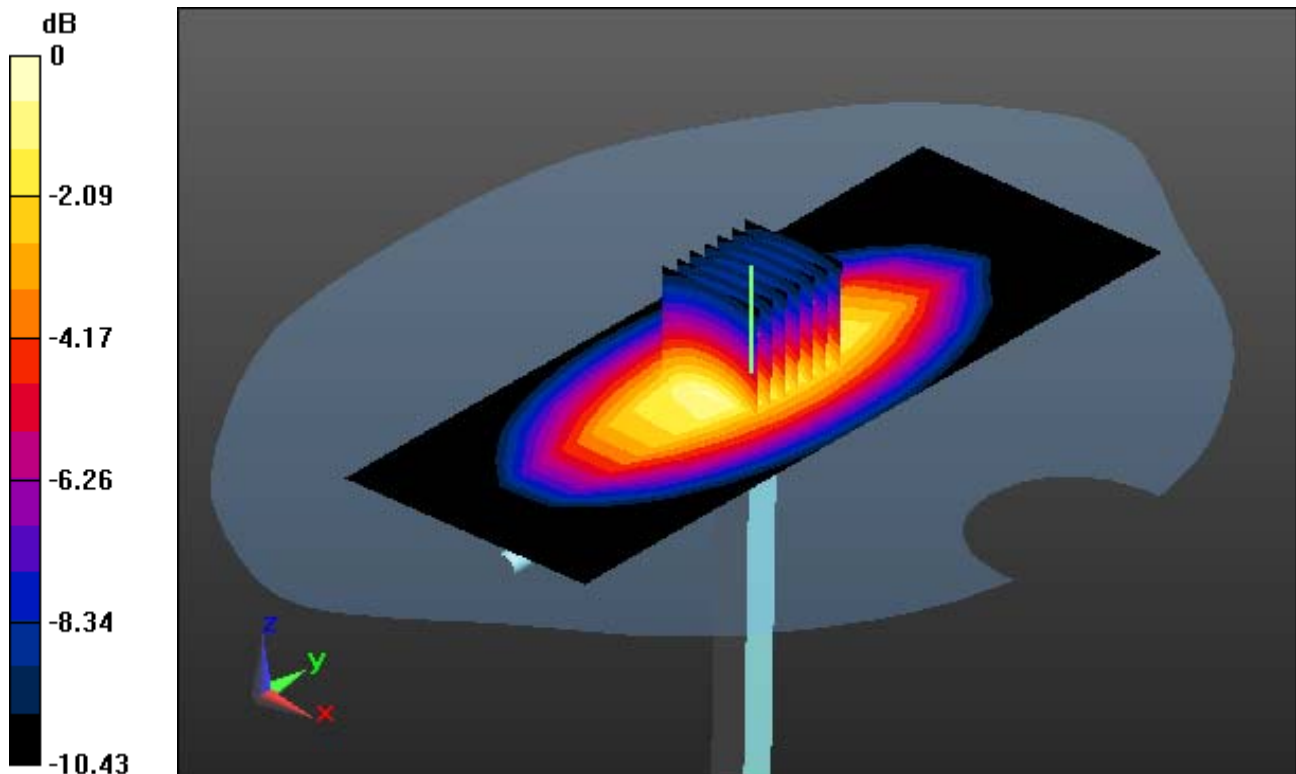
Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.39 W/kg



0 dB = 2.69 W/kg

DT&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 56.584$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.82, 10.82, 10.82); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.6

750 MHz System Verification

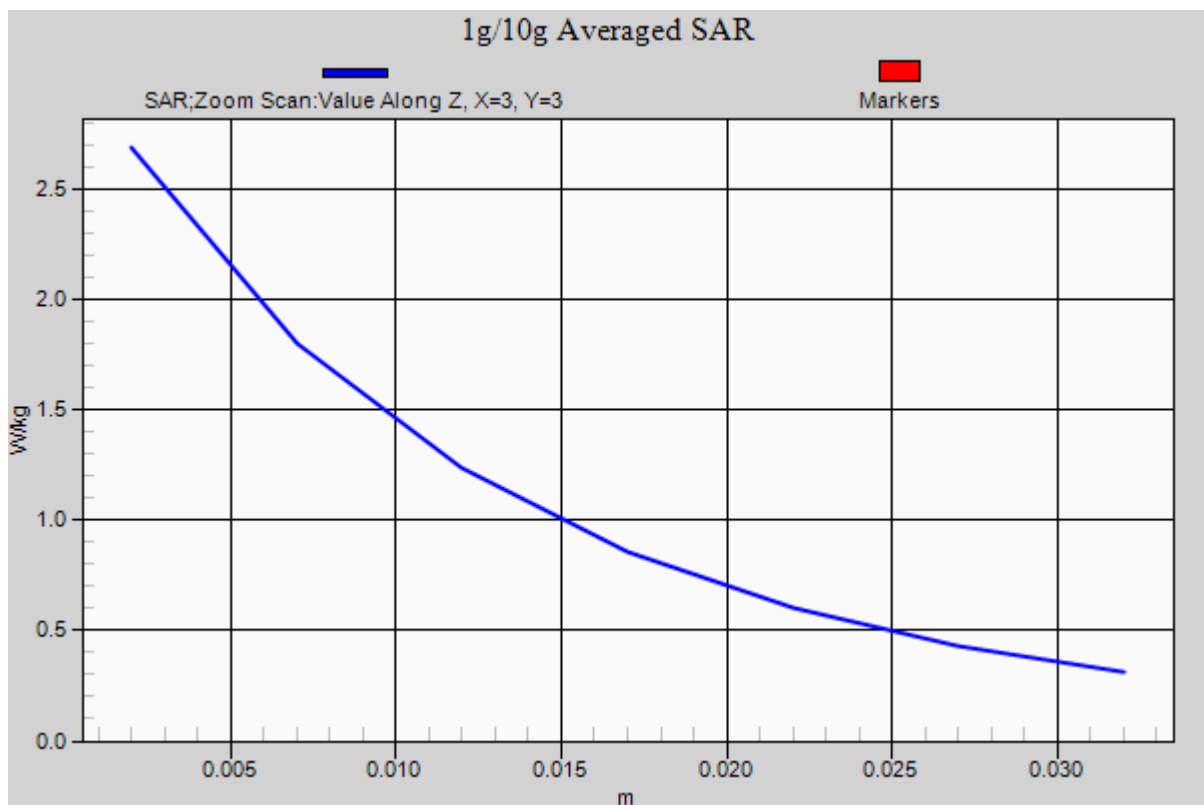
Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.39 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.776$ S/m; $\epsilon_r = 40.375$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.55, 7.55, 7.55); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.8

2450 MHz System Verification

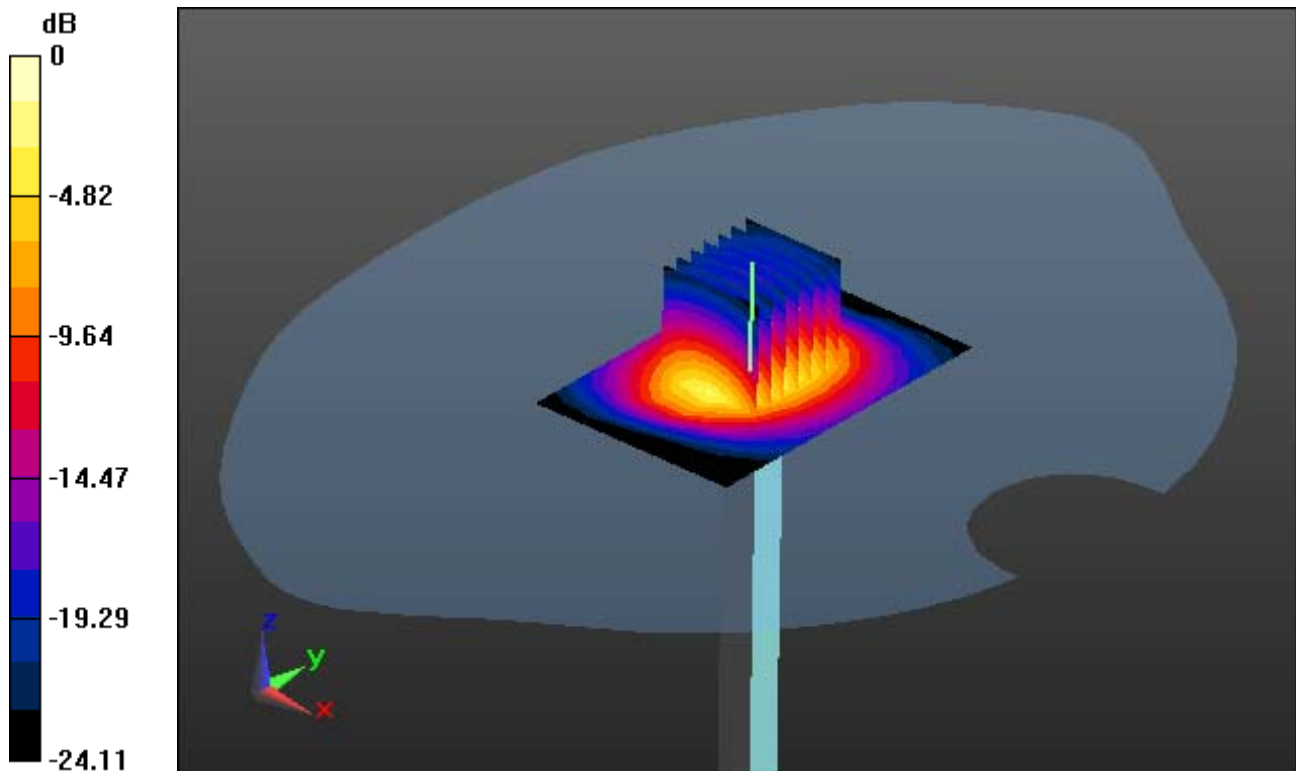
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.63 W/kg



0 dB = 19.3 W/kg

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.776$ S/m; $\epsilon_r = 40.375$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.55, 7.55, 7.55); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.8

2450 MHz System Verification

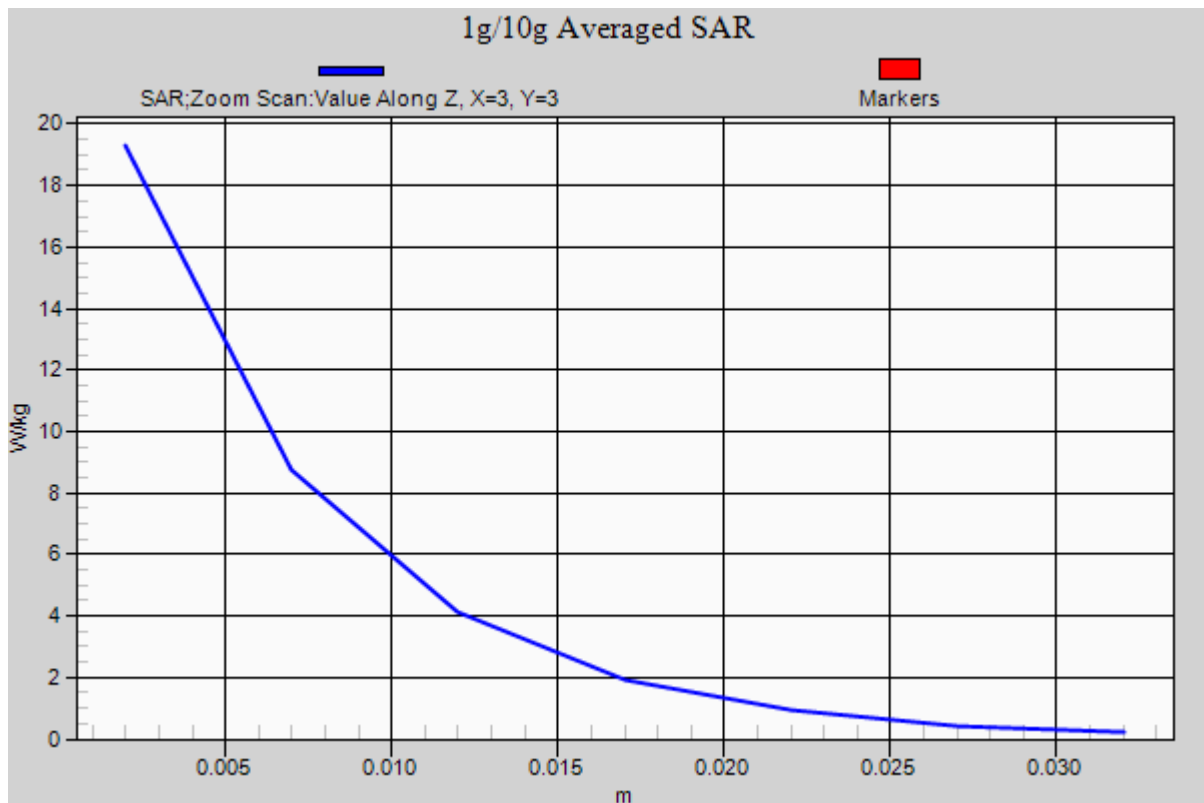
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.63 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.887$ S/m; $\epsilon_r = 53.044$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.59, 7.59, 7.59); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.6

2450 MHz System Verification

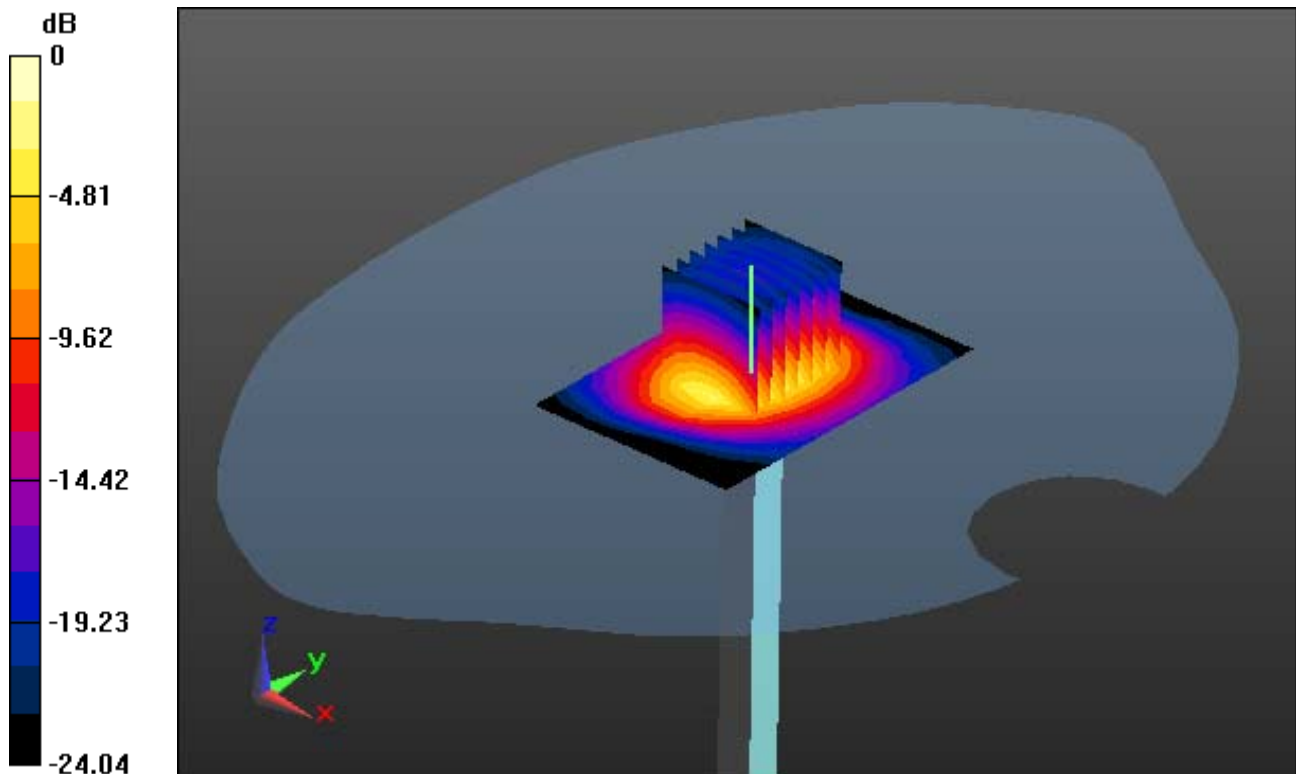
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 28.4 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.95 W/kg



0 dB = 20.4 W/kg

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.887$ S/m; $\epsilon_r = 53.044$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.59, 7.59, 7.59); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt) 2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.6

2450 MHz System Verification

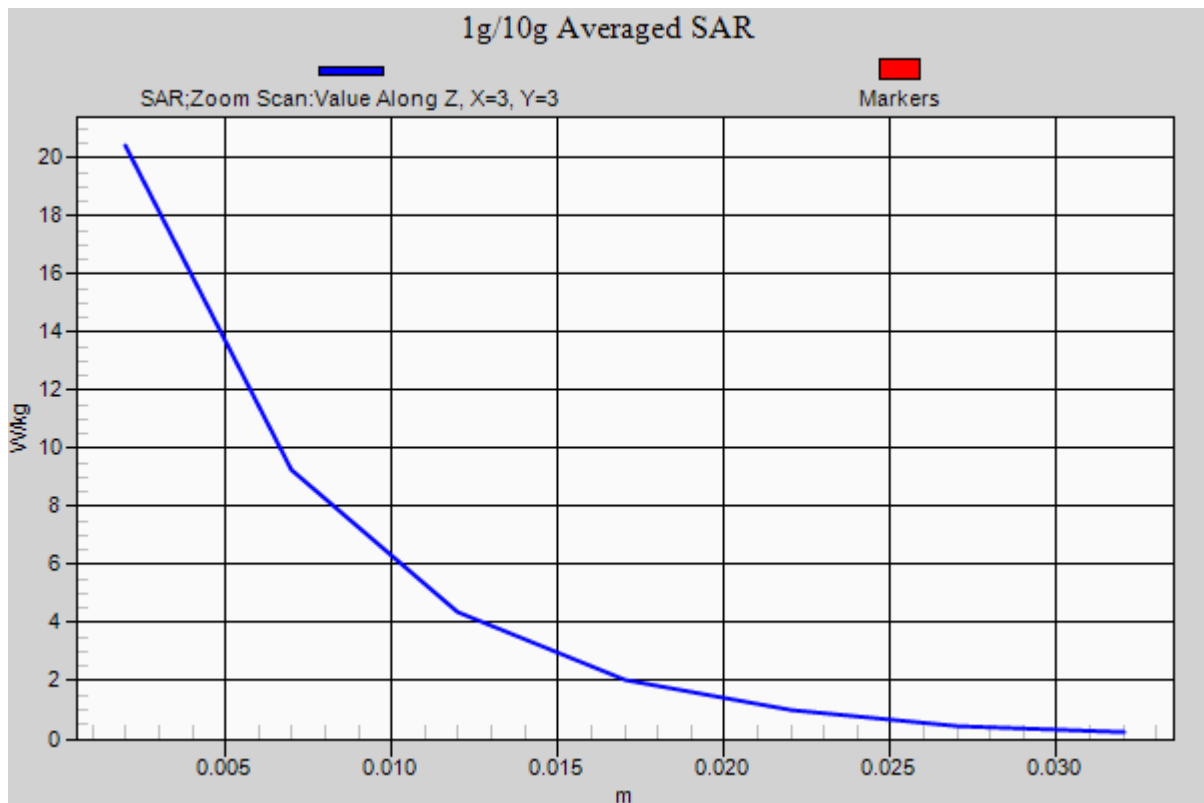
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 28.4 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.95 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; $\sigma = 4.647$ S/m; $\epsilon_r = 35.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.11, 5.11, 5.11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.9

5300 MHz System Verification

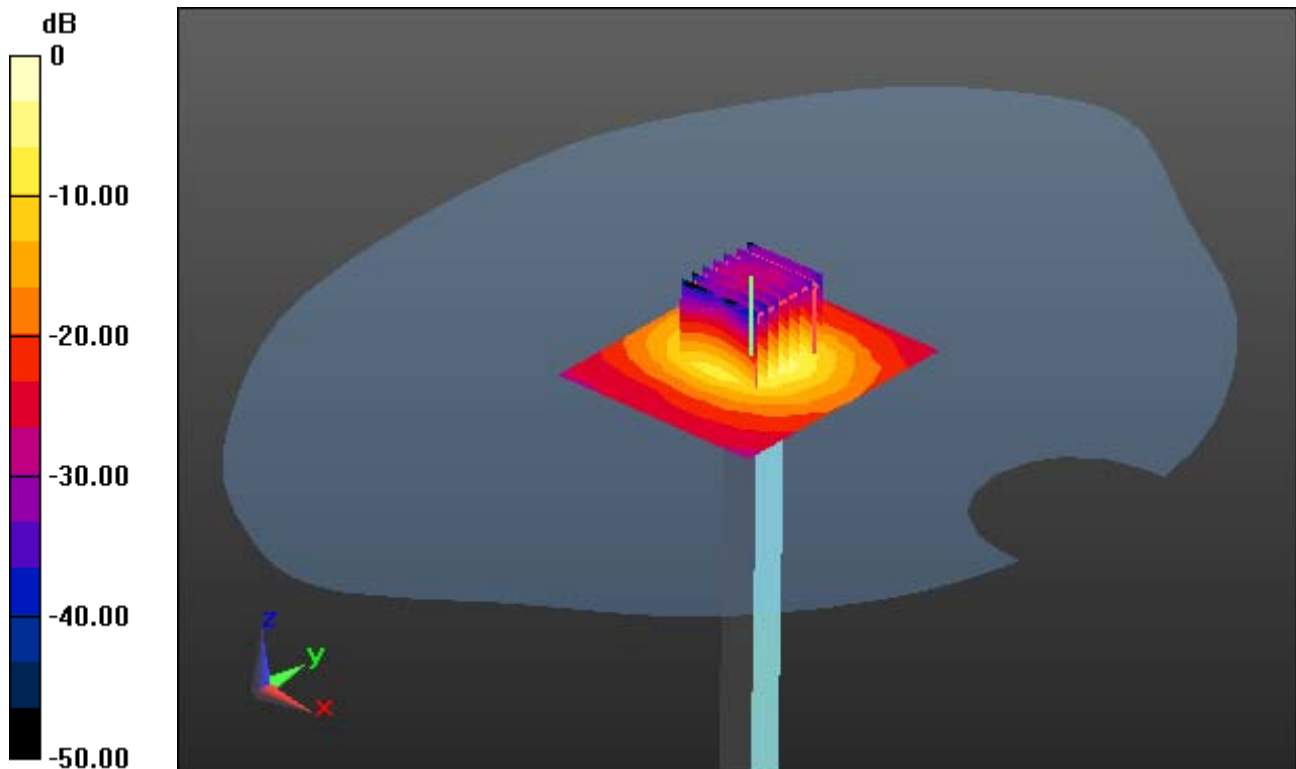
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.2 W/kg



0 dB = 16.3 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.647$ S/m; $\epsilon_r = 35.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.11, 5.11, 5.11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.9

5300 MHz System Verification

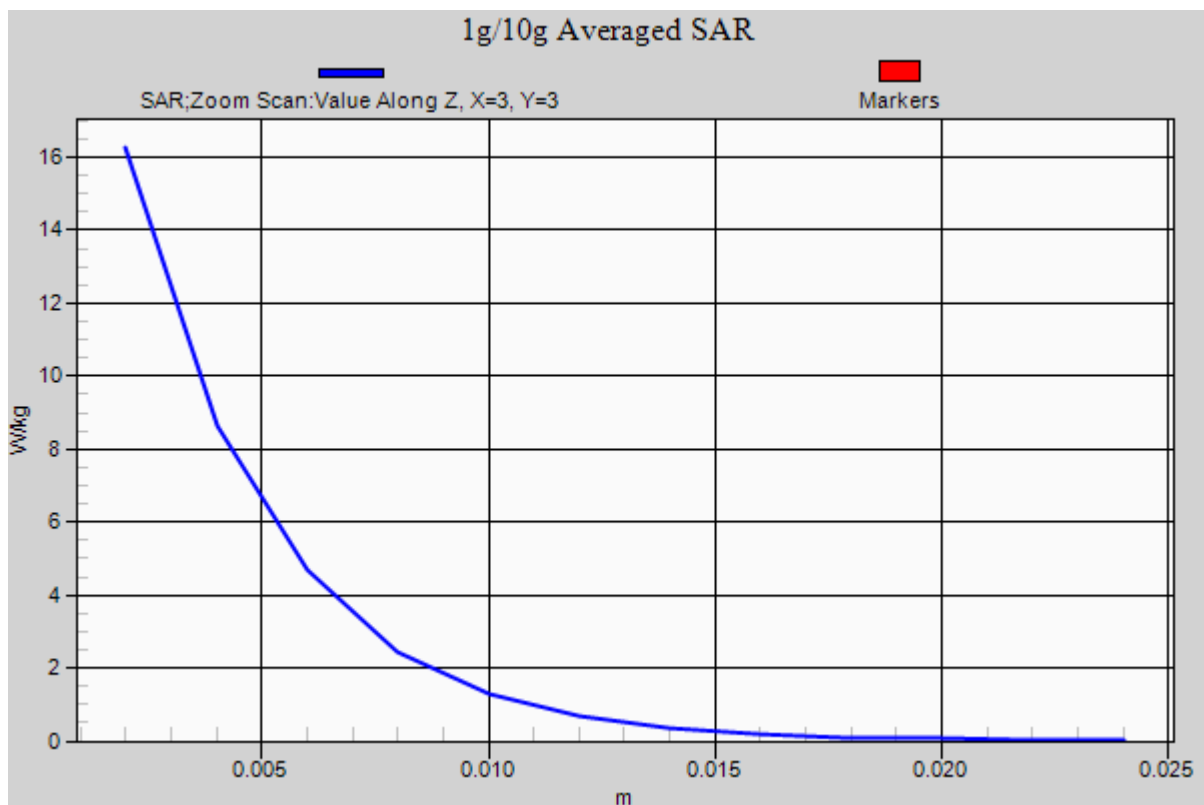
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 7.74 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: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.463$ S/m; $\epsilon_r = 47.955$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.49, 4.49, 4.49); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.7

5300 MHz System Verification

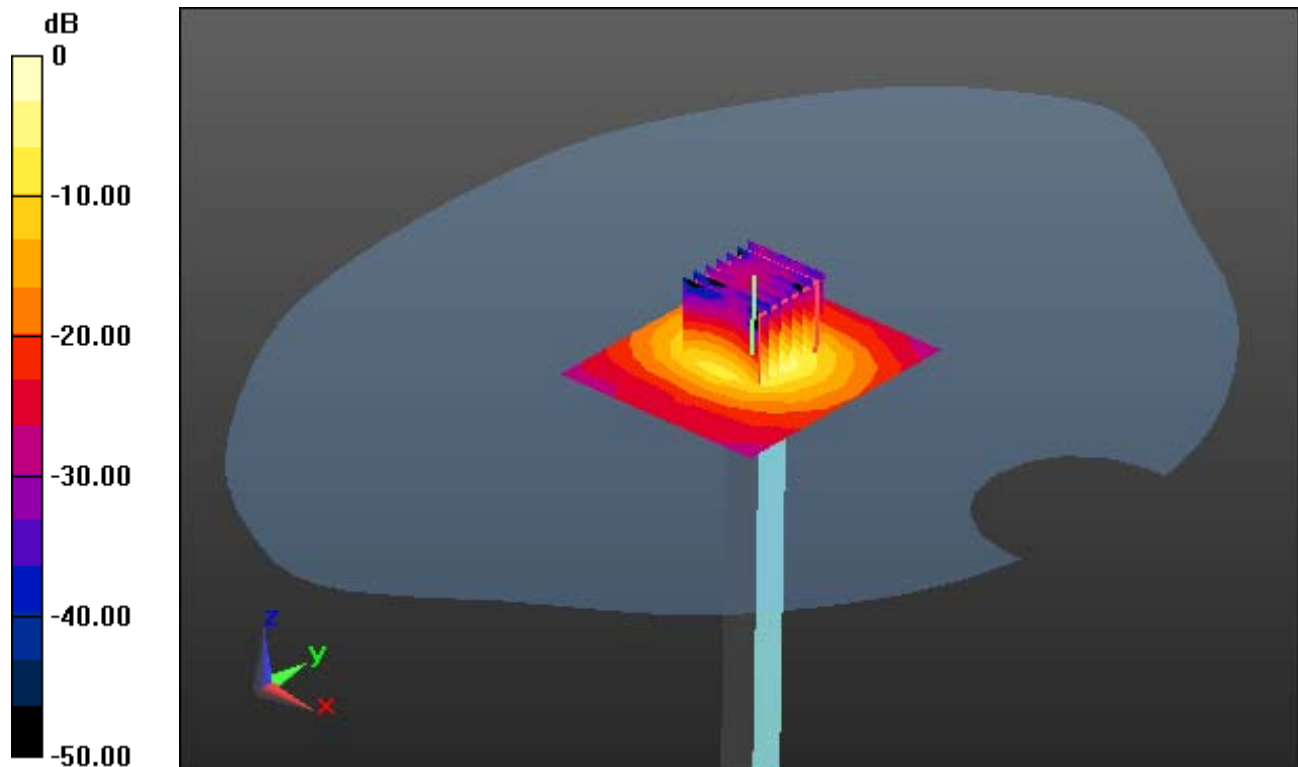
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 30.1 W/kg

SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.2 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: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 5.463$ S/m; $\epsilon_r = 47.955$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.49, 4.49, 4.49); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.7

5300 MHz System Verification

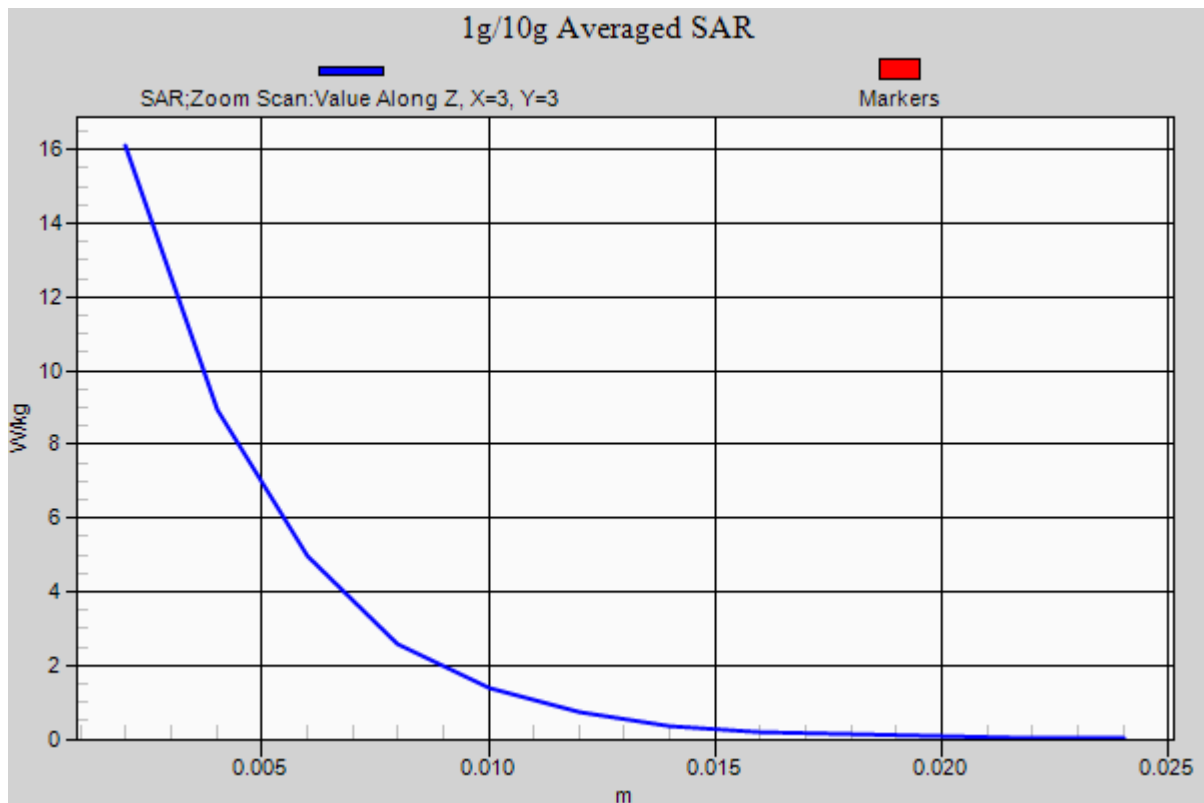
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 30.1 W/kg

SAR(1 g) = 7.7 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: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.791$ S/m; $\epsilon_r = 35.982$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.87, 4.87, 4.87); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.7

5500 MHz System Verification

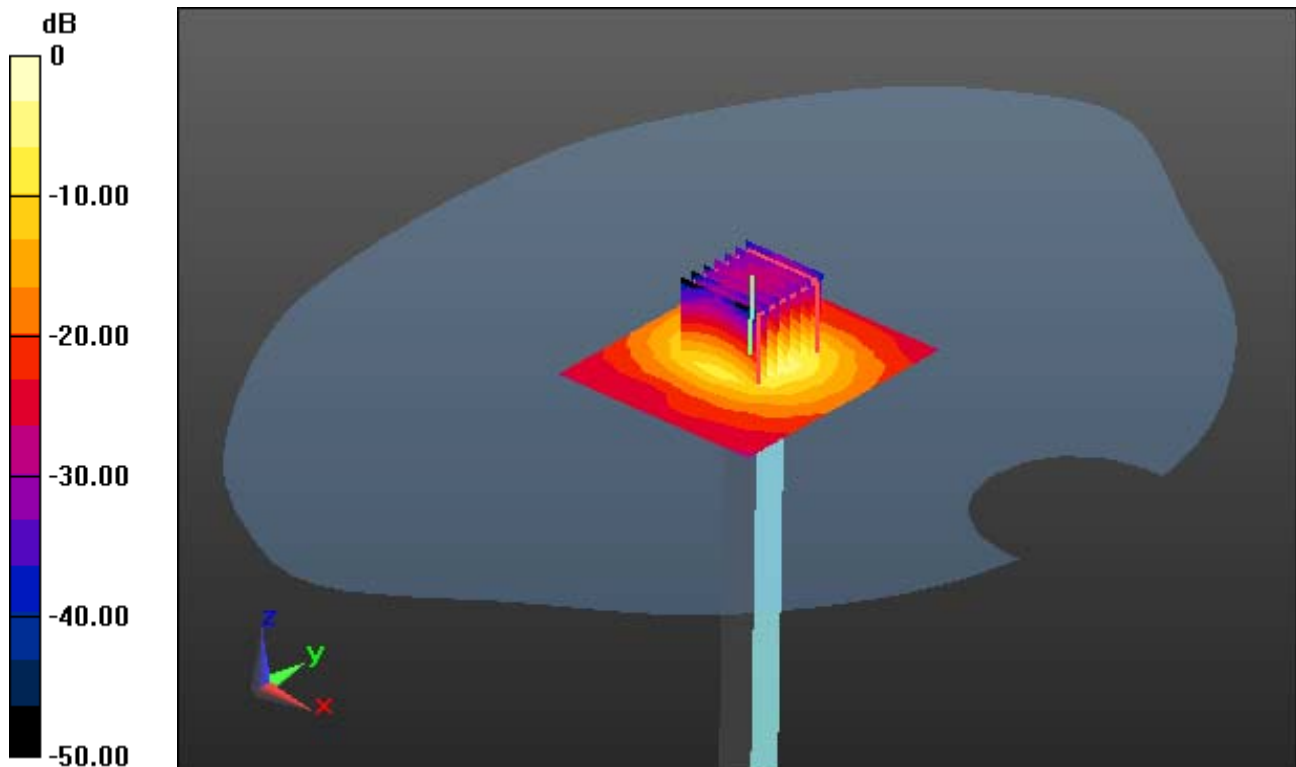
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 7.78 W/kg; SAR(10 g) = 2.22 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.791$ S/m; $\epsilon_r = 35.982$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.87, 4.87, 4.87); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.7

5500 MHz System Verification

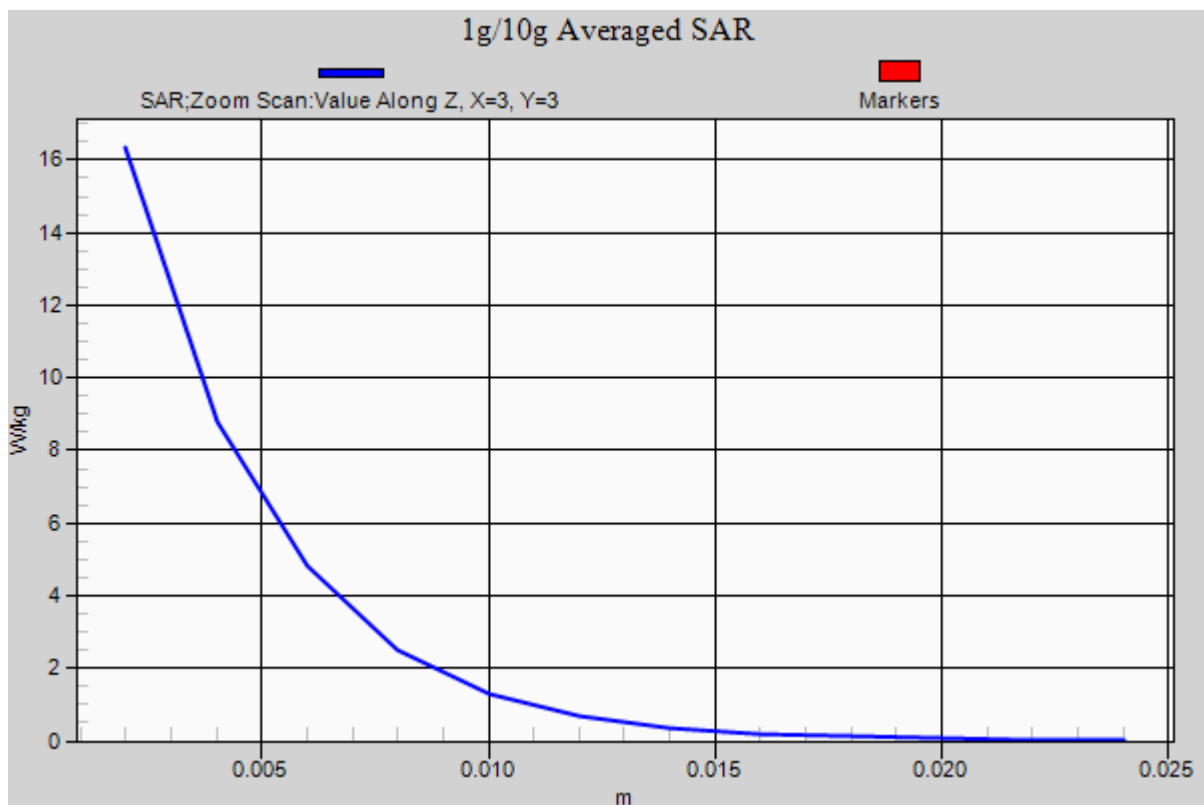
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 7.78 W/kg; SAR(10 g) = 2.22 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.652$ S/m; $\epsilon_r = 47.043$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.03, 4.03, 4.03); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.8

5500 MHz System Verification

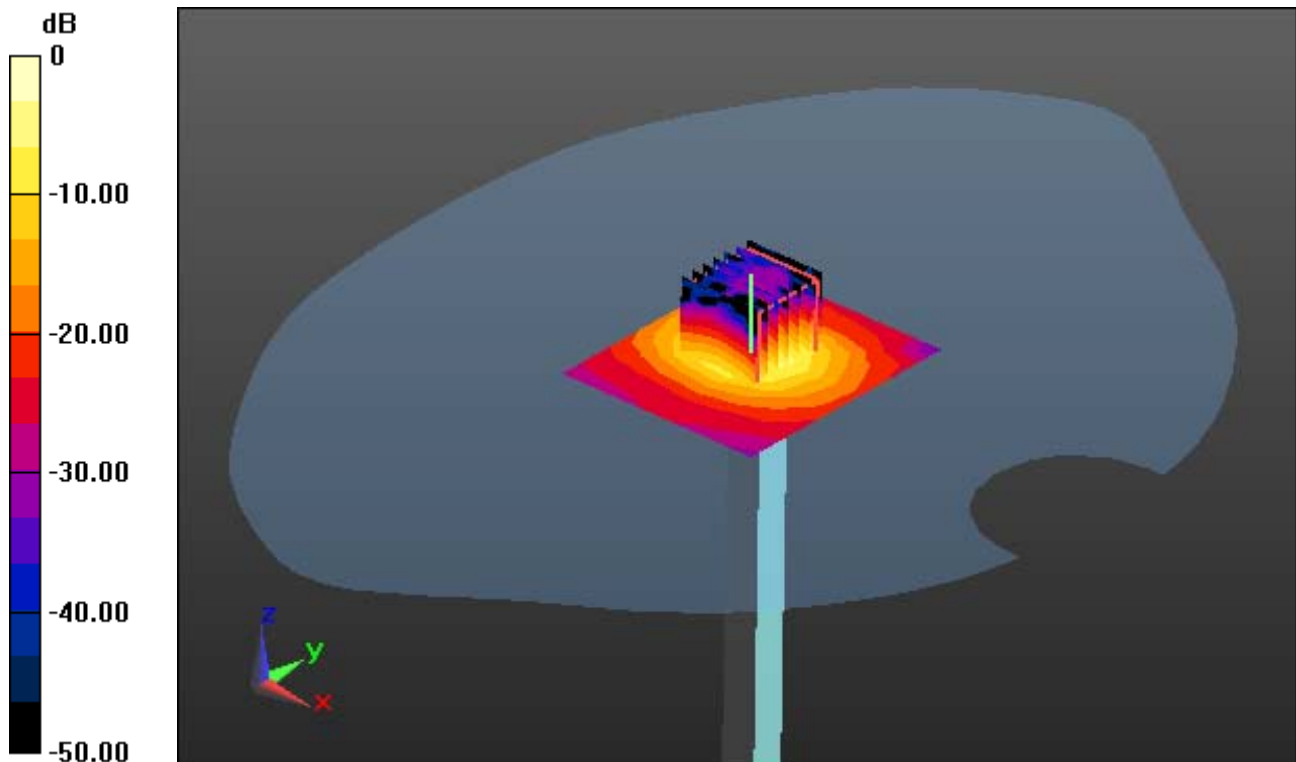
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 8.17 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 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.652$ S/m; $\epsilon_r = 47.043$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.03, 4.03, 4.03); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.8

5500 MHz System Verification

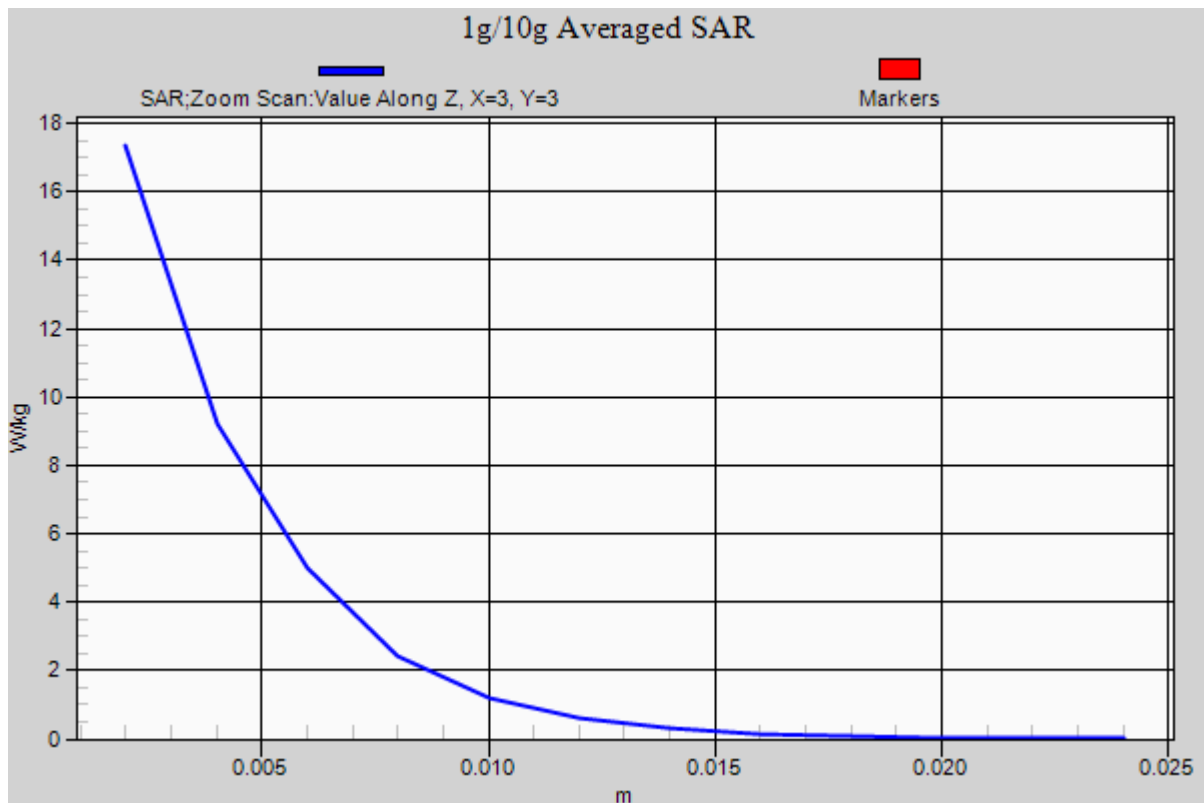
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 8.17 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 (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.897$ S/m; $\epsilon_r = 35.824$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.6, 4.6, 4.6); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.7

5600 MHz System Verification

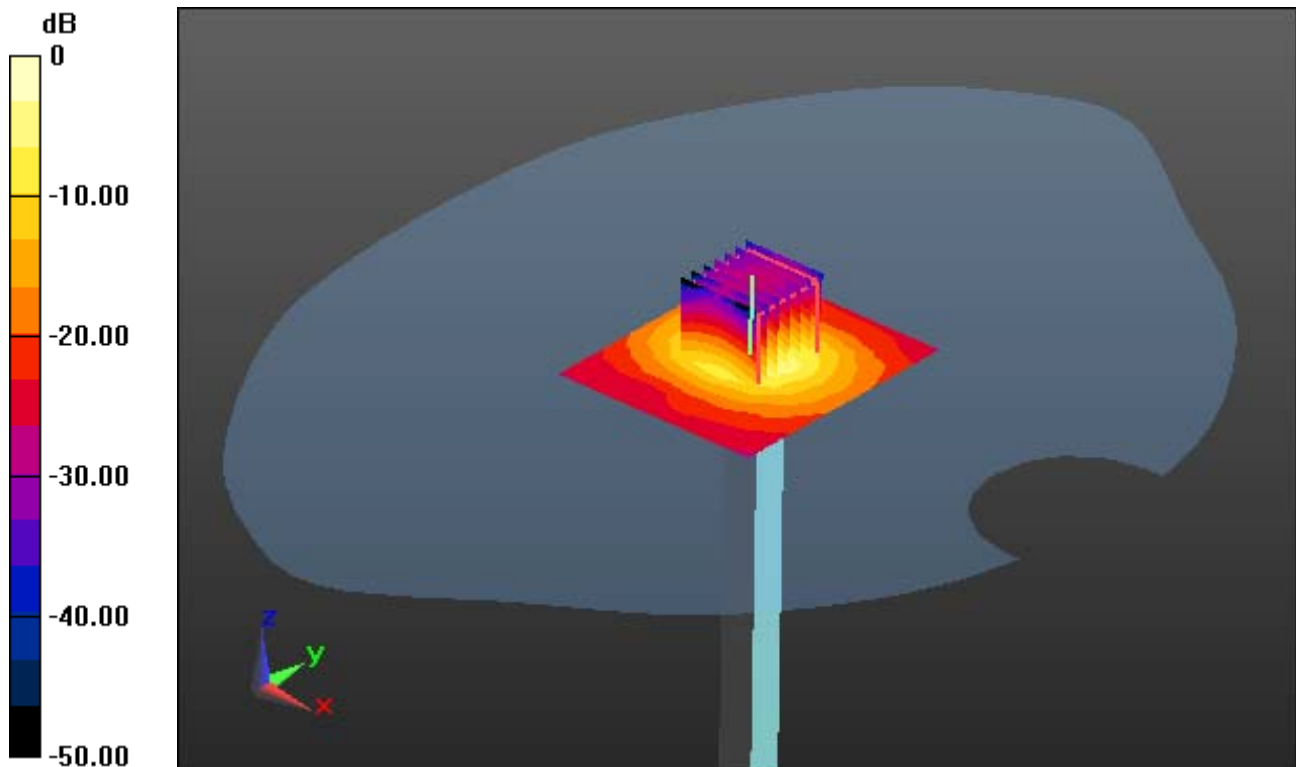
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.0 W/kg

SAR(1 g) = 8.1 W/kg; SAR(10 g) = 2.32 W/kg



0 dB = 17.0 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.897$ S/m; $\epsilon_r = 35.824$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.6, 4.6, 4.6); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.7

5600 MHz System Verification

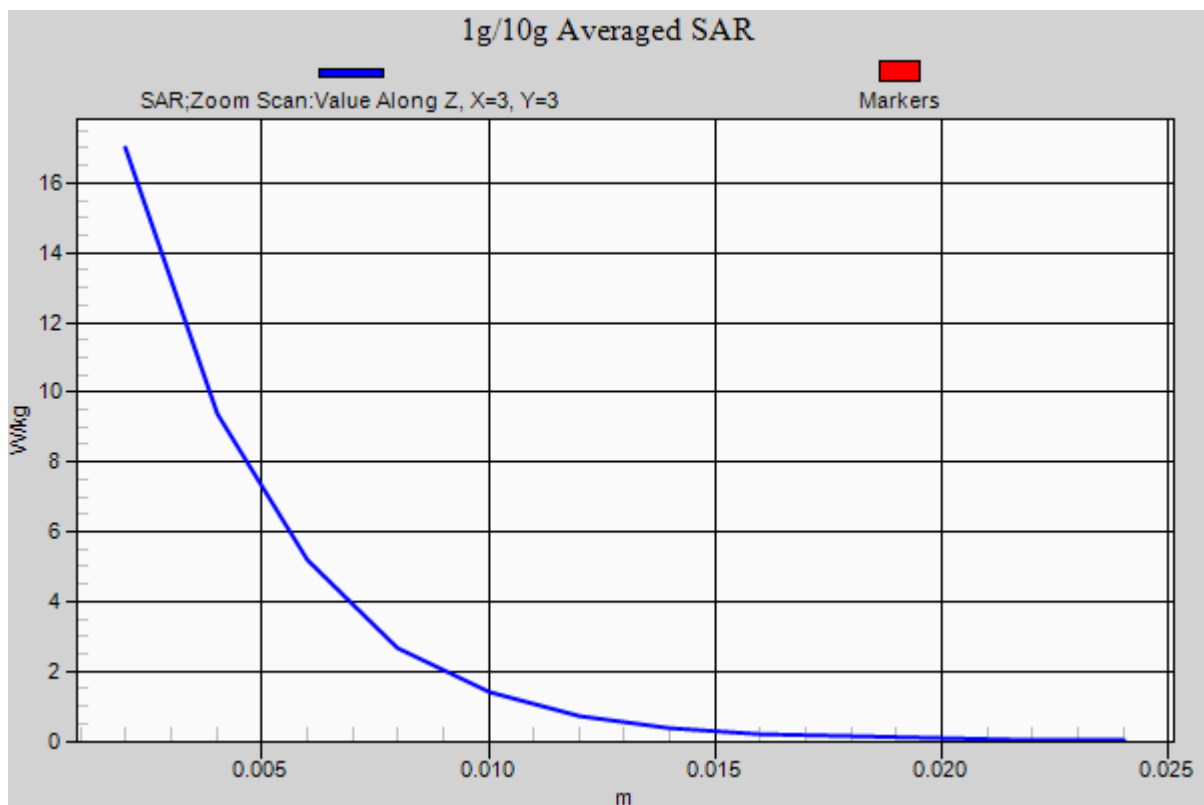
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 32.0 W/kg

SAR(1 g) = 8.1 W/kg; SAR(10 g) = 2.32 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; $\sigma = 5.79$ S/m; $\epsilon_r = 46.867$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.8, 3.8, 3.8); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.8

5600 MHz System Verification

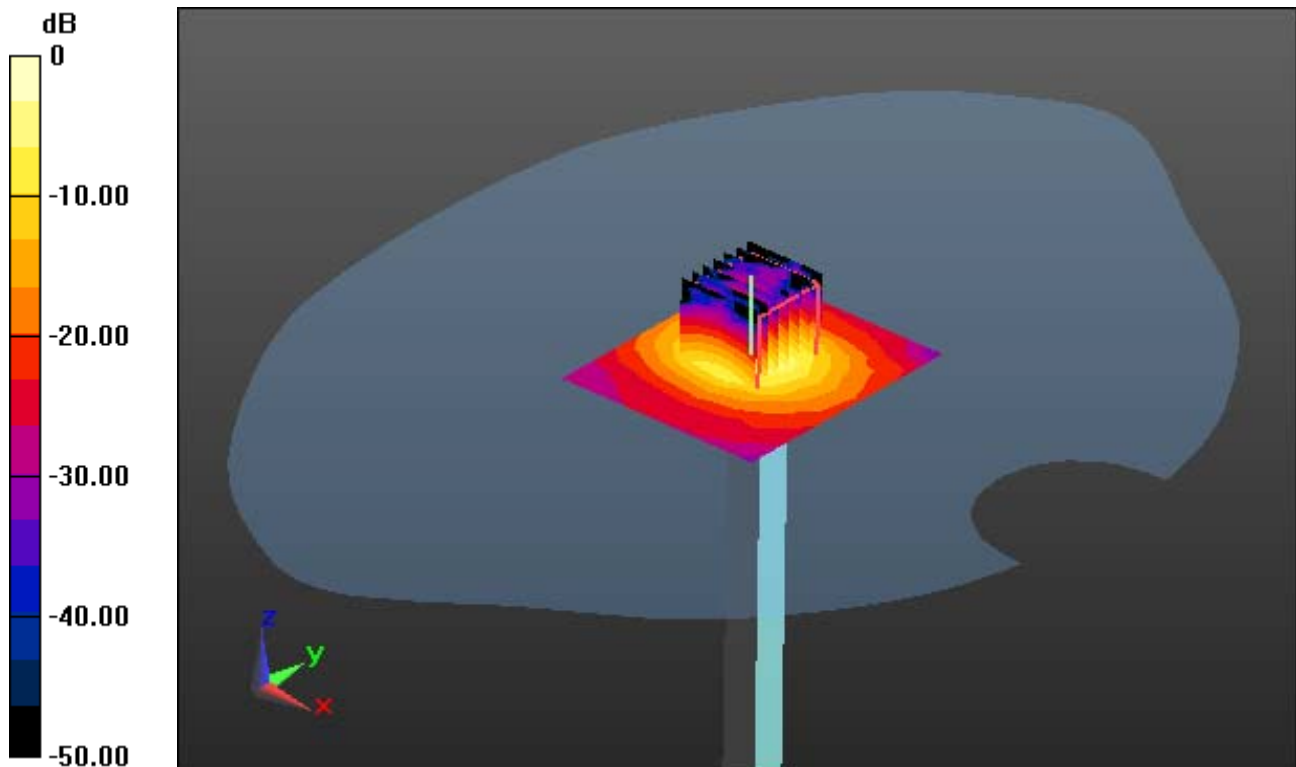
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 32.1 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.16 W/kg



0 dB = 16.6 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; $\sigma = 5.79$ S/m; $\epsilon_r = 46.867$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.8, 3.8, 3.8); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.8

5600 MHz System Verification

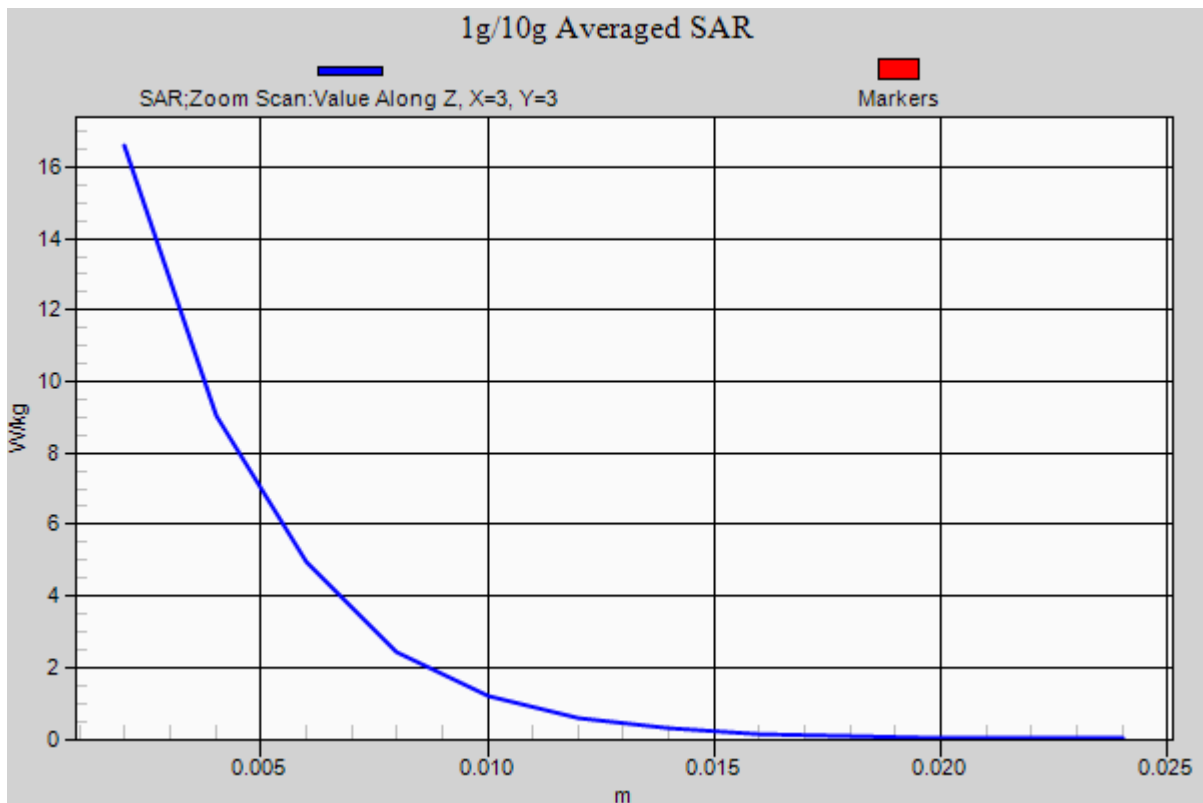
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 32.1 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.16 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.802$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.0

Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

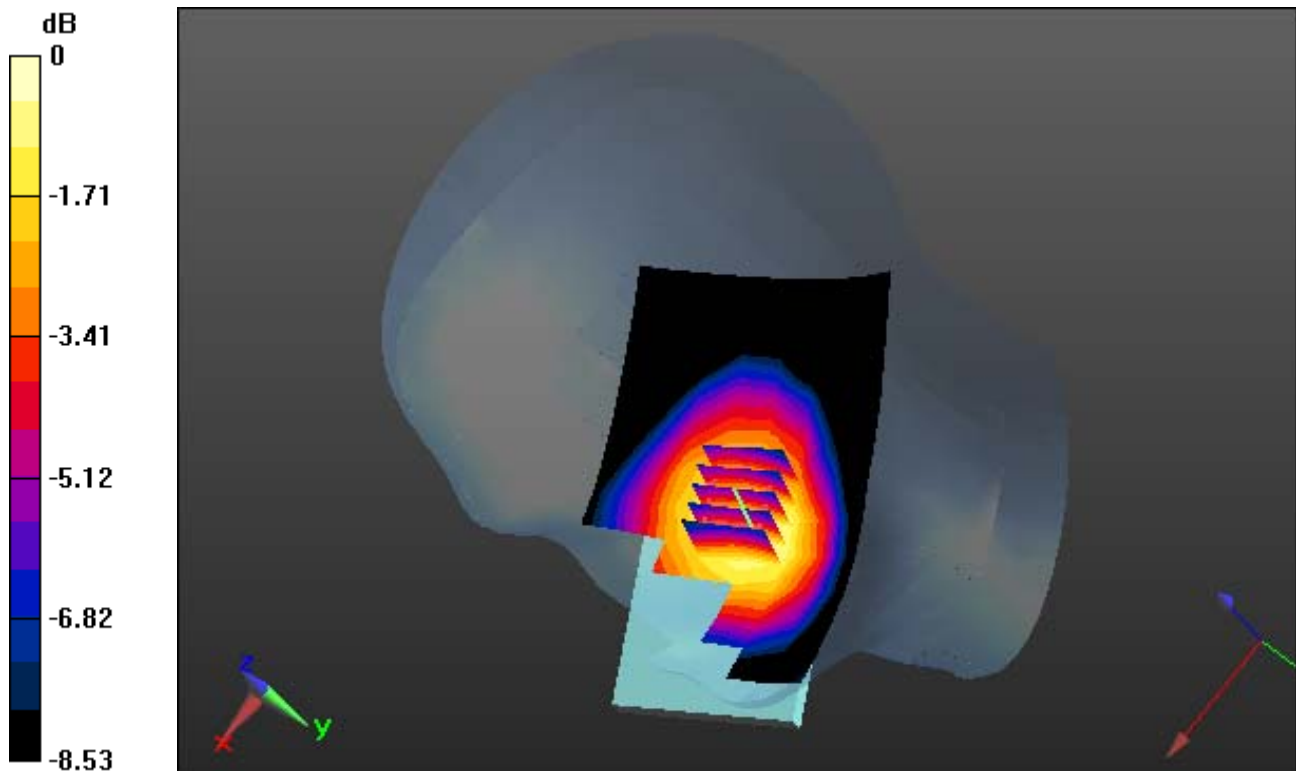
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.254 W/kg



0 dB = 0.377 W/kg

A1

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.802$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

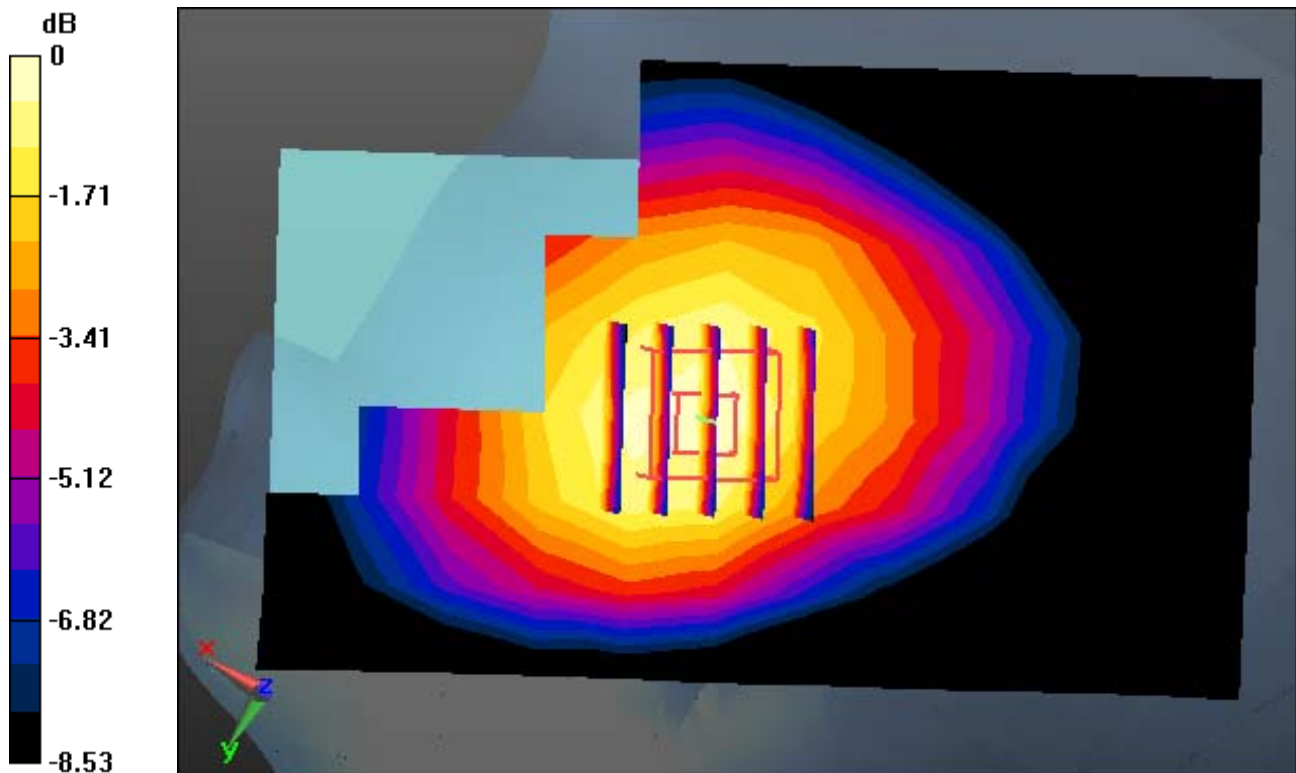
Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 21.2; Tissue Temp: 21.0

Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

With Enlarge Plot image

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.254 W/kg



0 dB = 0.377 W/kg

A1

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.802$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt) 2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.0

Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

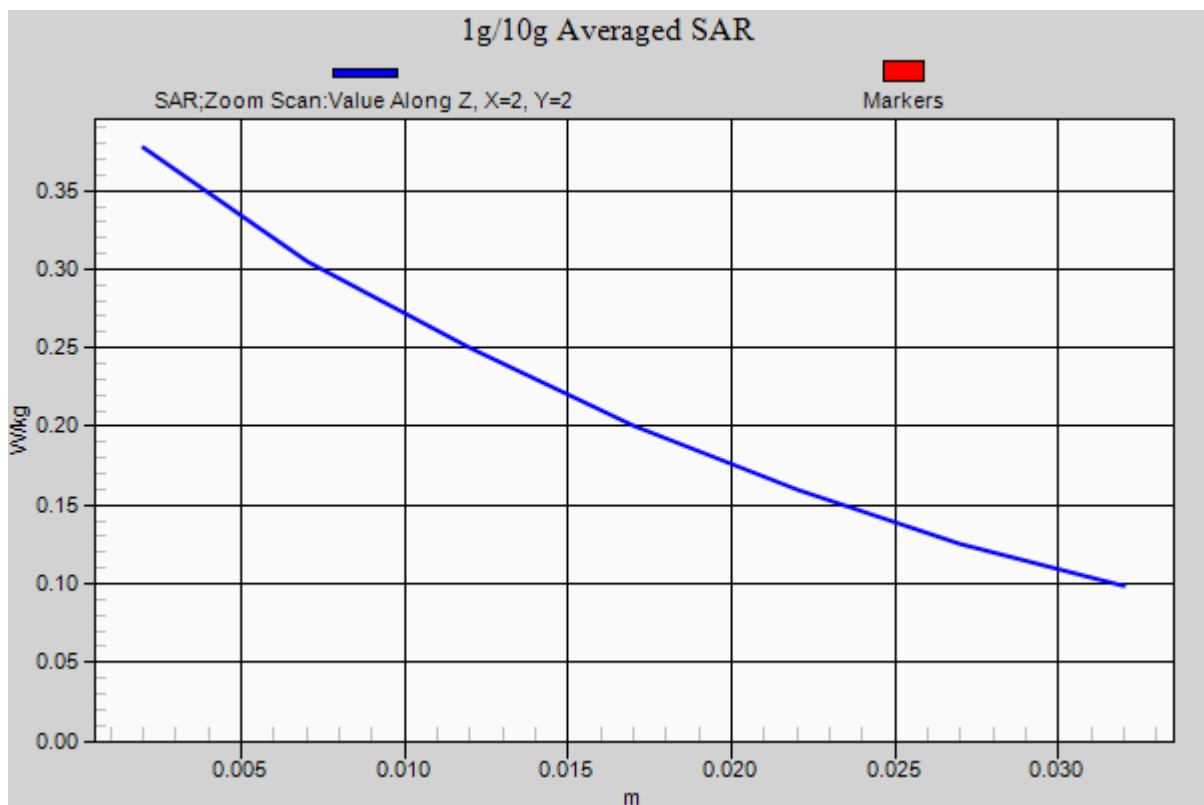
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.254 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.802$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.0

Right Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

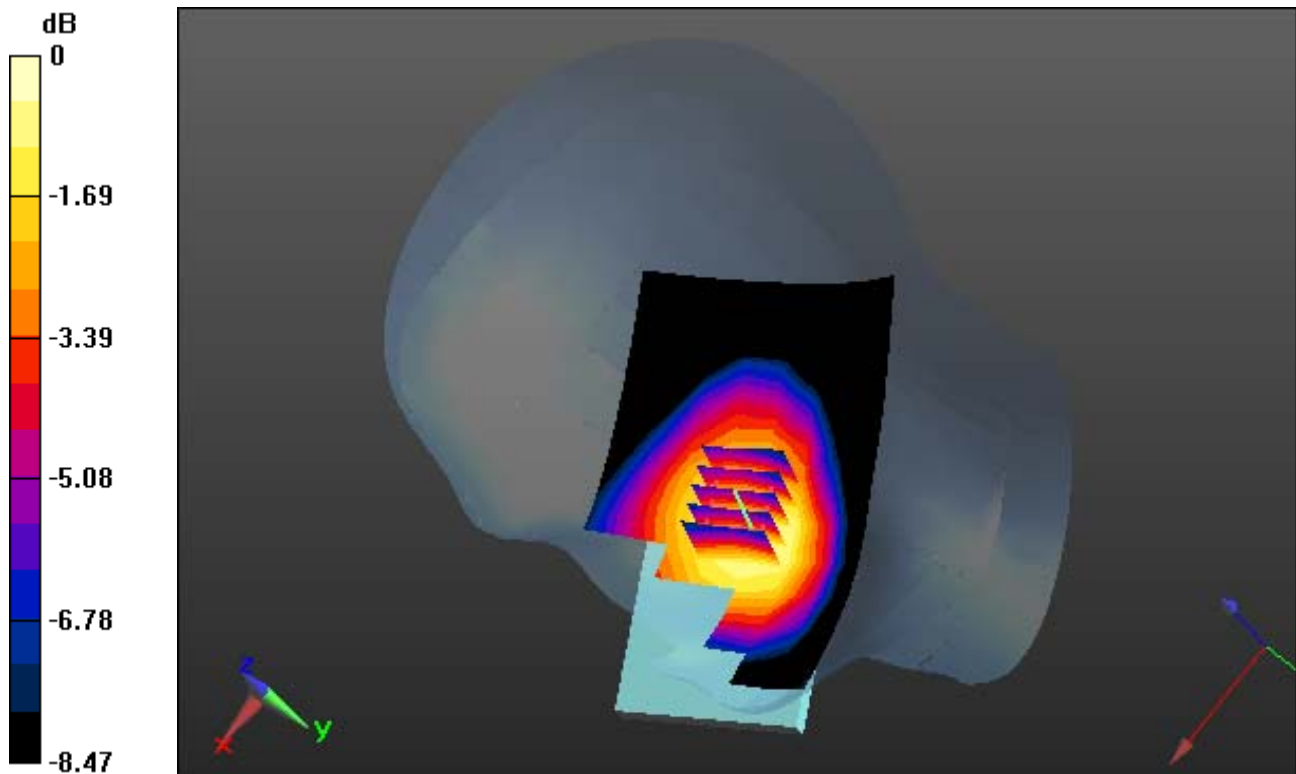
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.267 W/kg



0 dB = 0.395 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.802$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2017-05-23; Ambient Temp: 21.2; Tissue Temp: 21.0

Right Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge Plot image

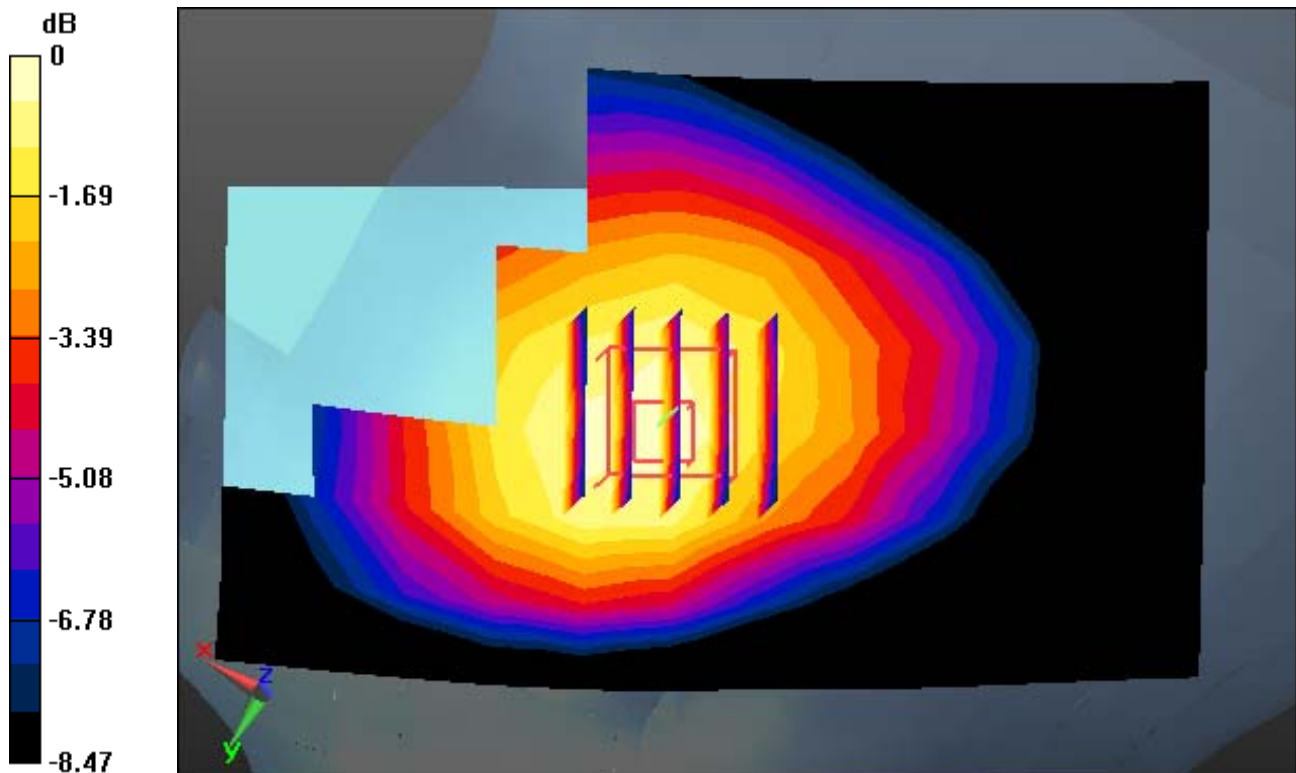
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.267 W/kg



0 dB = 0.395 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.802$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.0

Right Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery

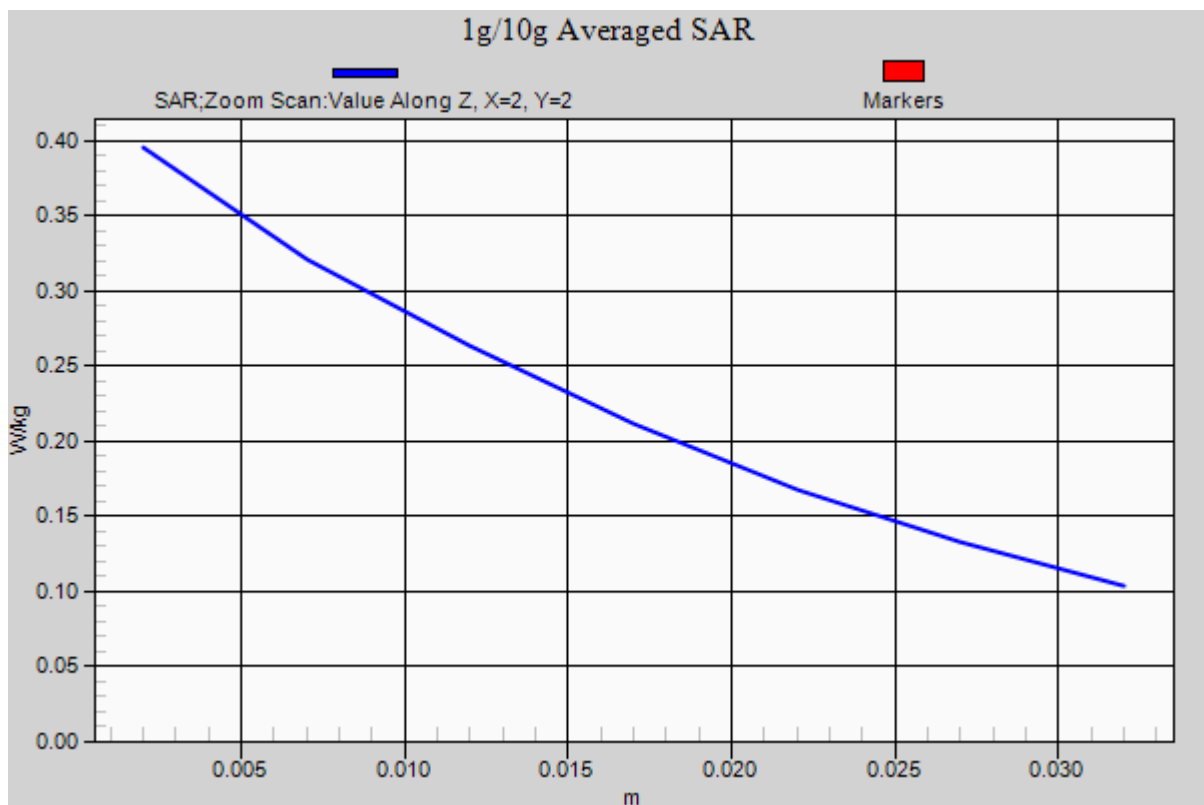
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.267 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 39.352$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.54, 8.54, 8.54); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

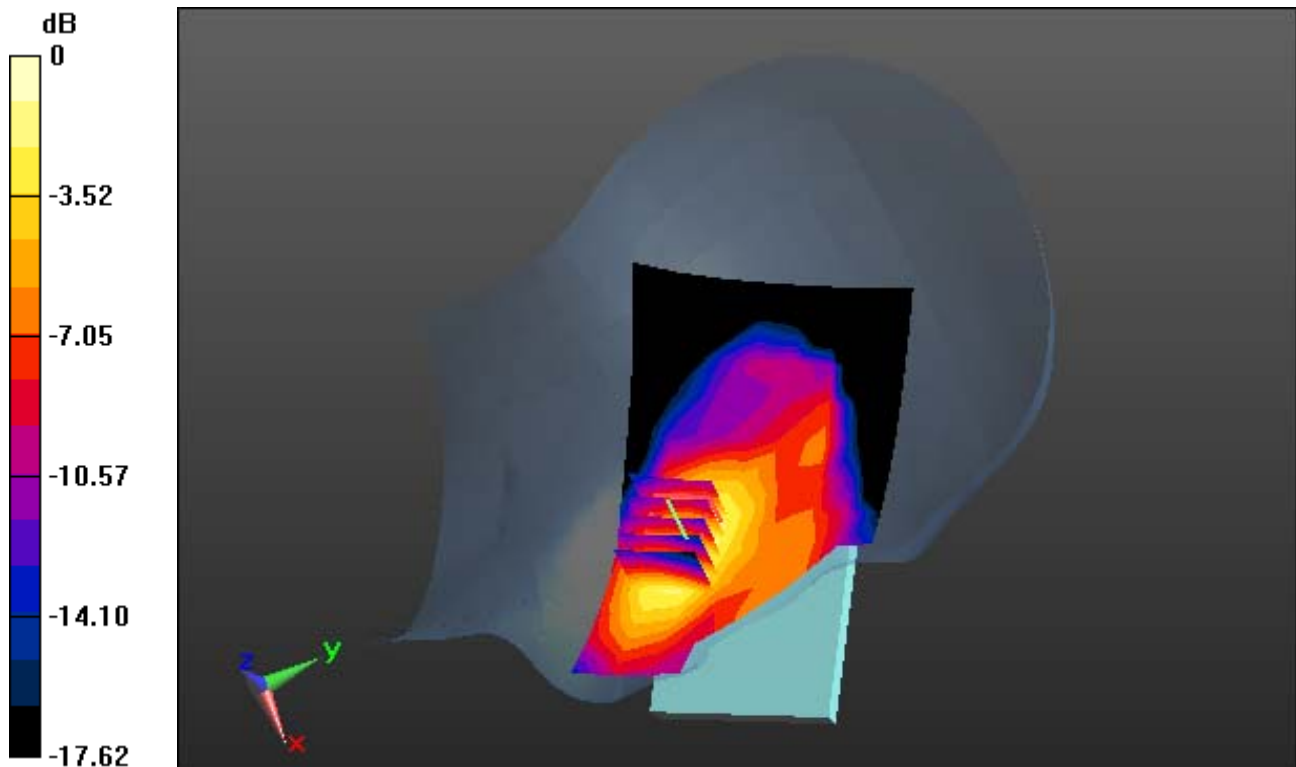
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.114 W/kg



0 dB = 0.242 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 39.352$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.54, 8.54, 8.54); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

With Enlarge Plot image

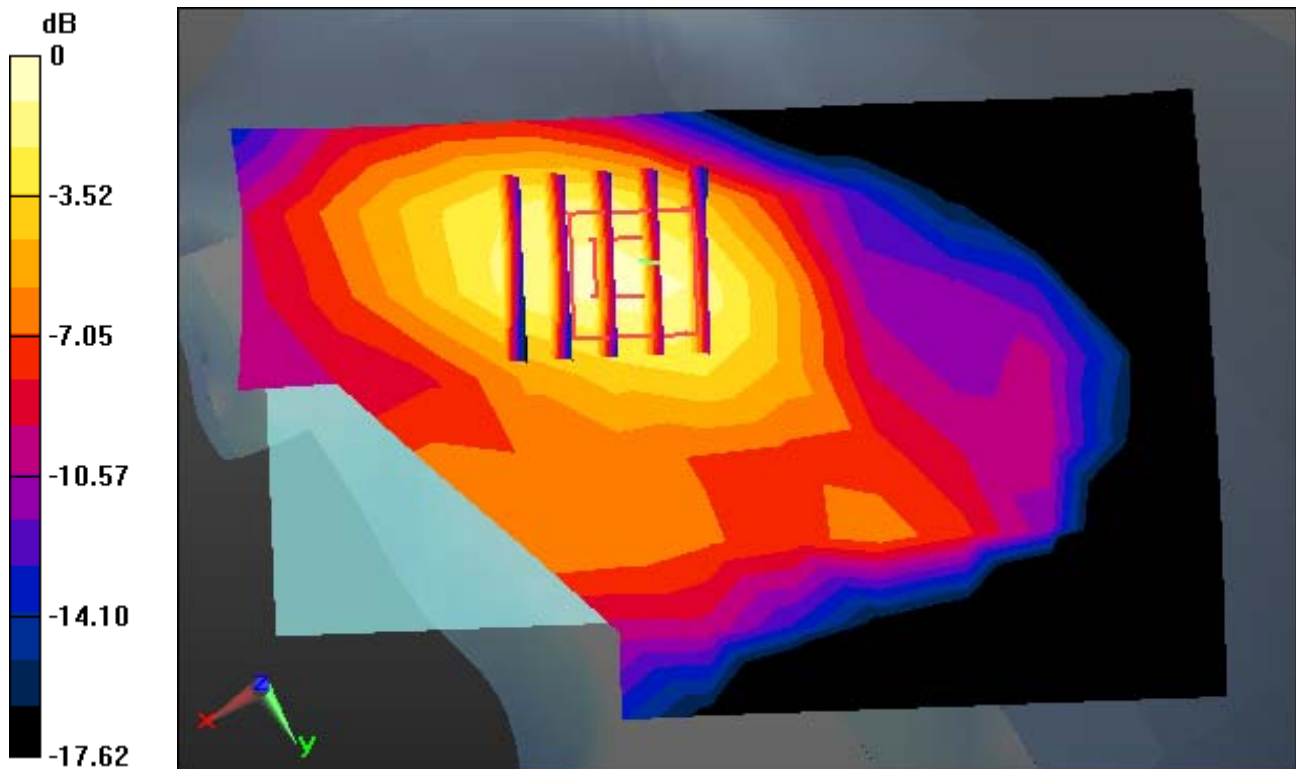
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.114 W/kg



0 dB = 0.242 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 39.352$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.54, 8.54, 8.54); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

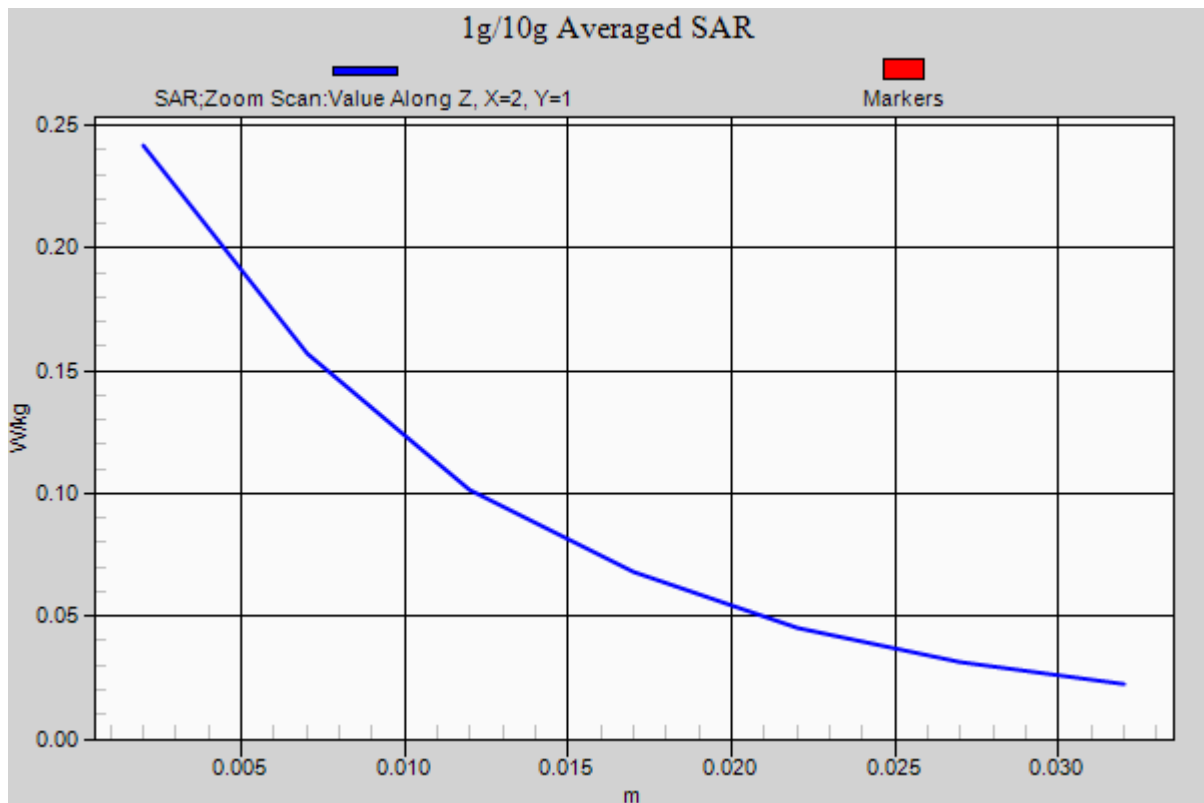
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.114 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.423 \text{ S/m}$; $\epsilon_r = 39.352$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.54, 8.54, 8.54); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery

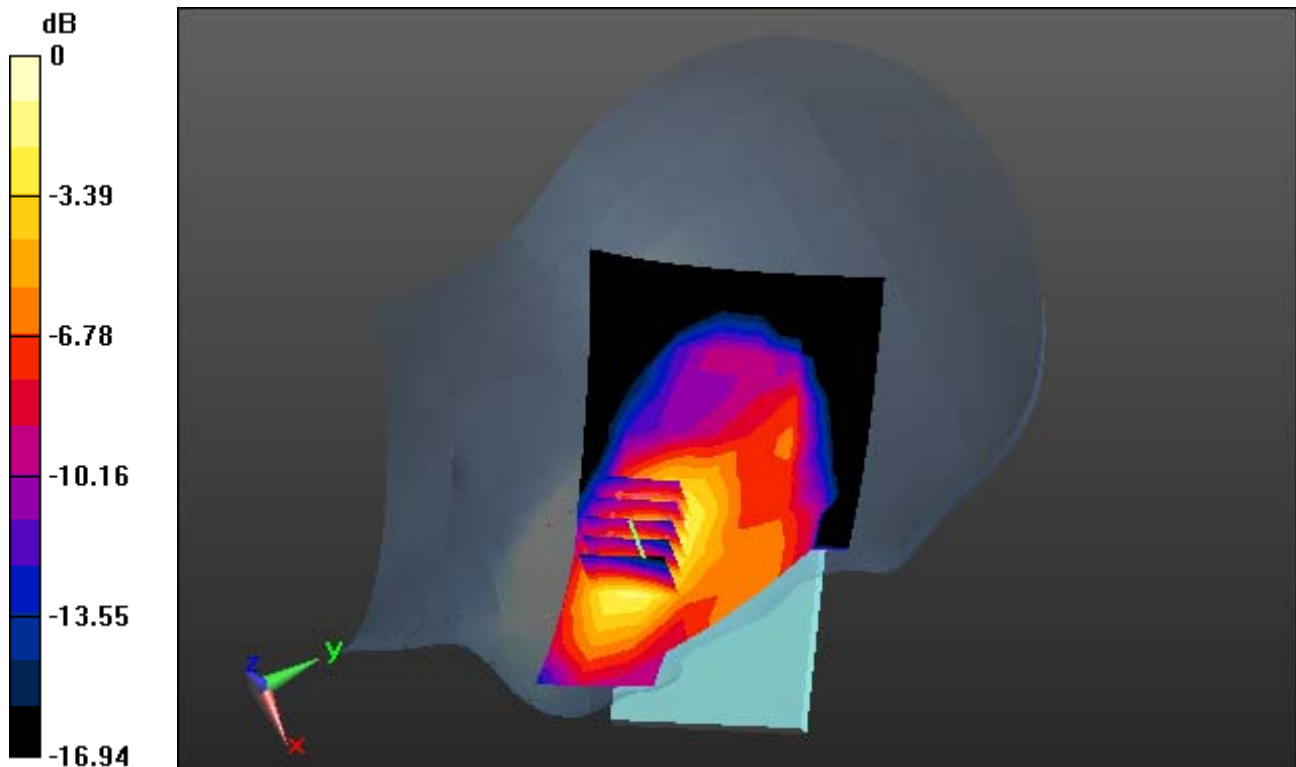
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.151 W/kg



0 dB = 0.324 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.423 \text{ S/m}$; $\epsilon_r = 39.352$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.54, 8.54, 8.54); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge Plot image

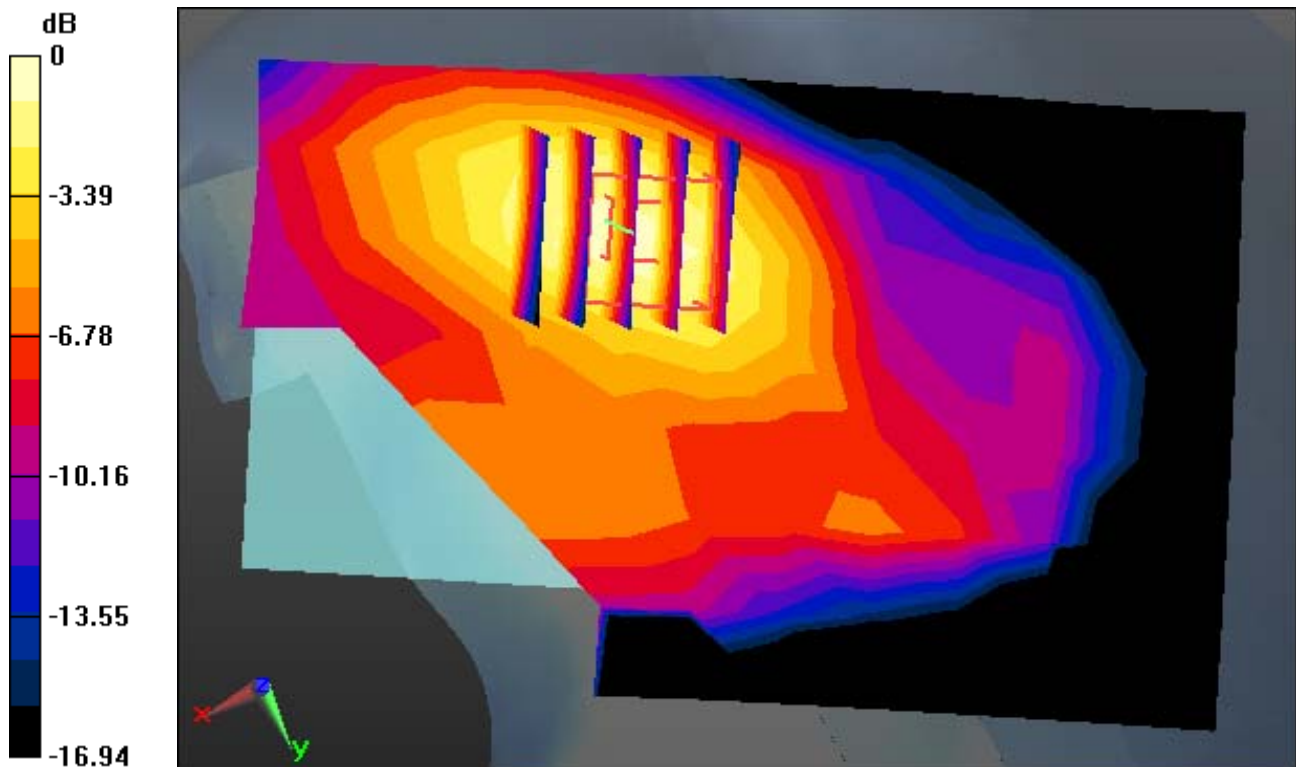
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.151 W/kg



0 dB = 0.324 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 39.352$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.54, 8.54, 8.54); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery

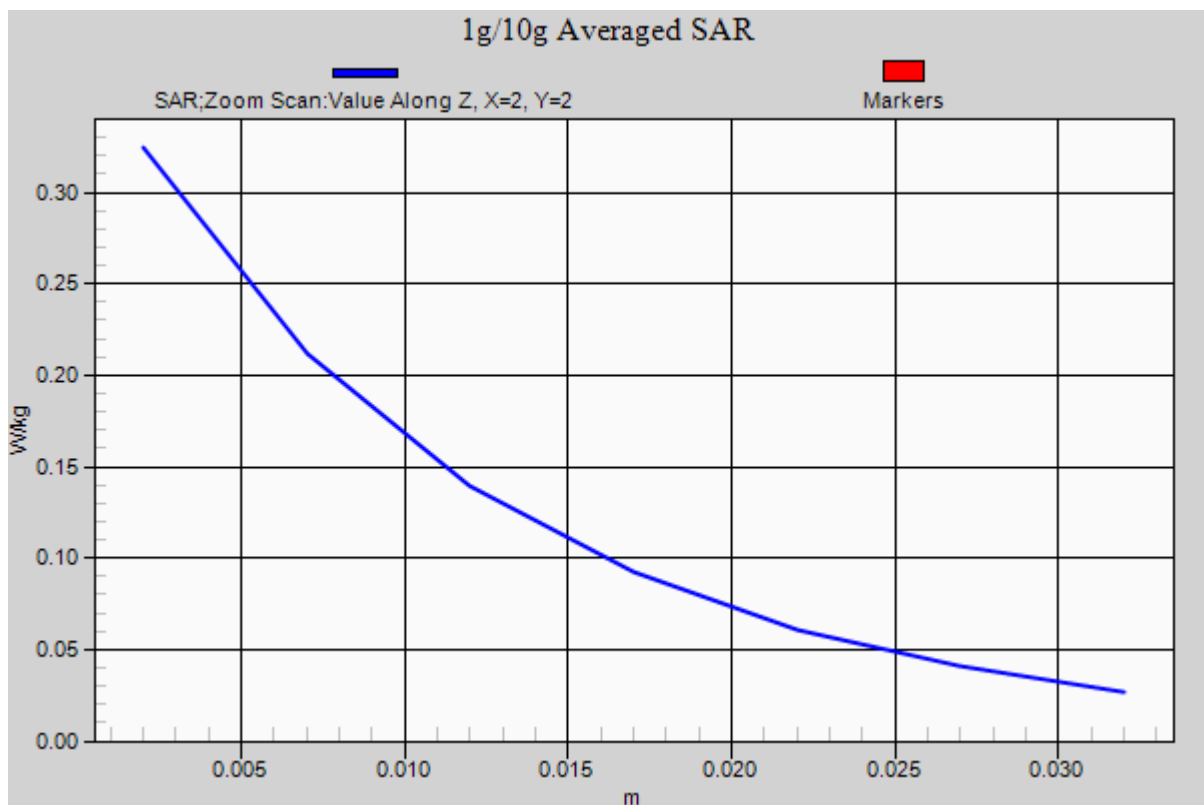
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.151 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 42.972$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.7

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

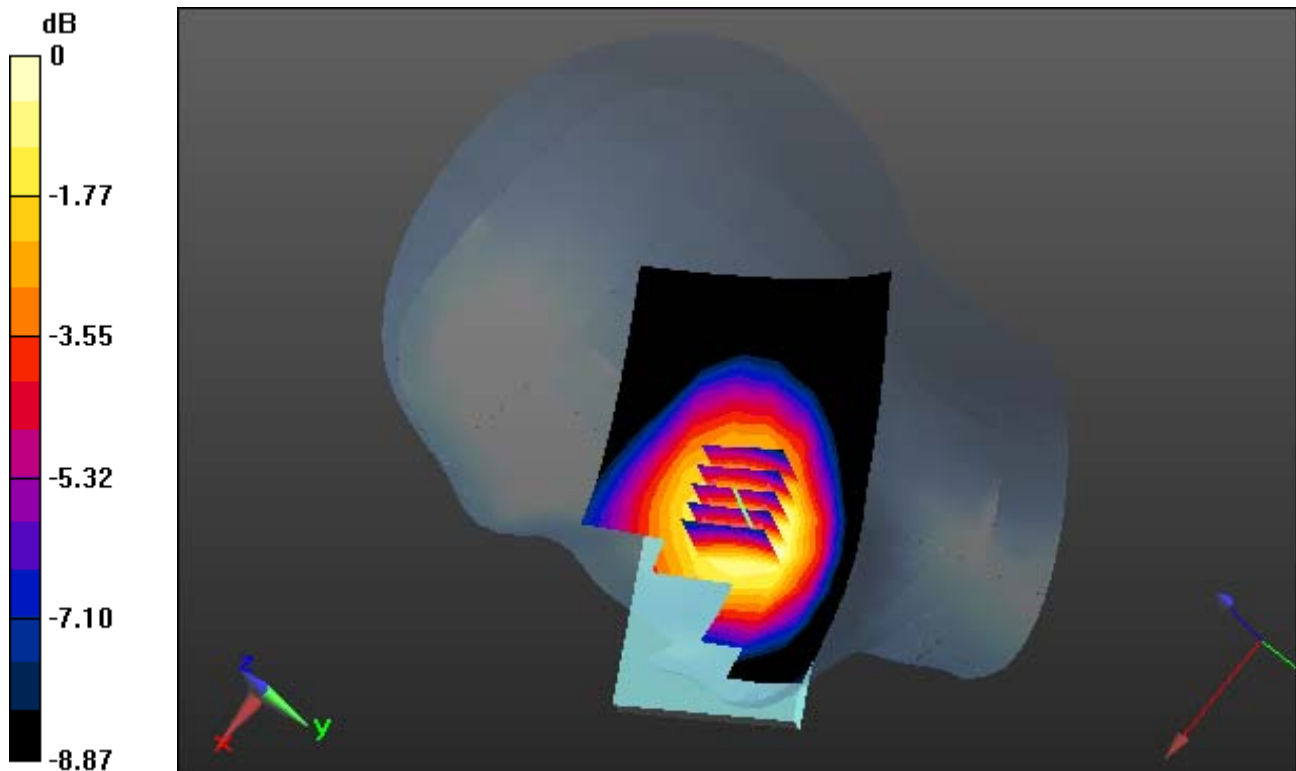
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.311 W/kg



0 dB = 0.463 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 42.972$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.7

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

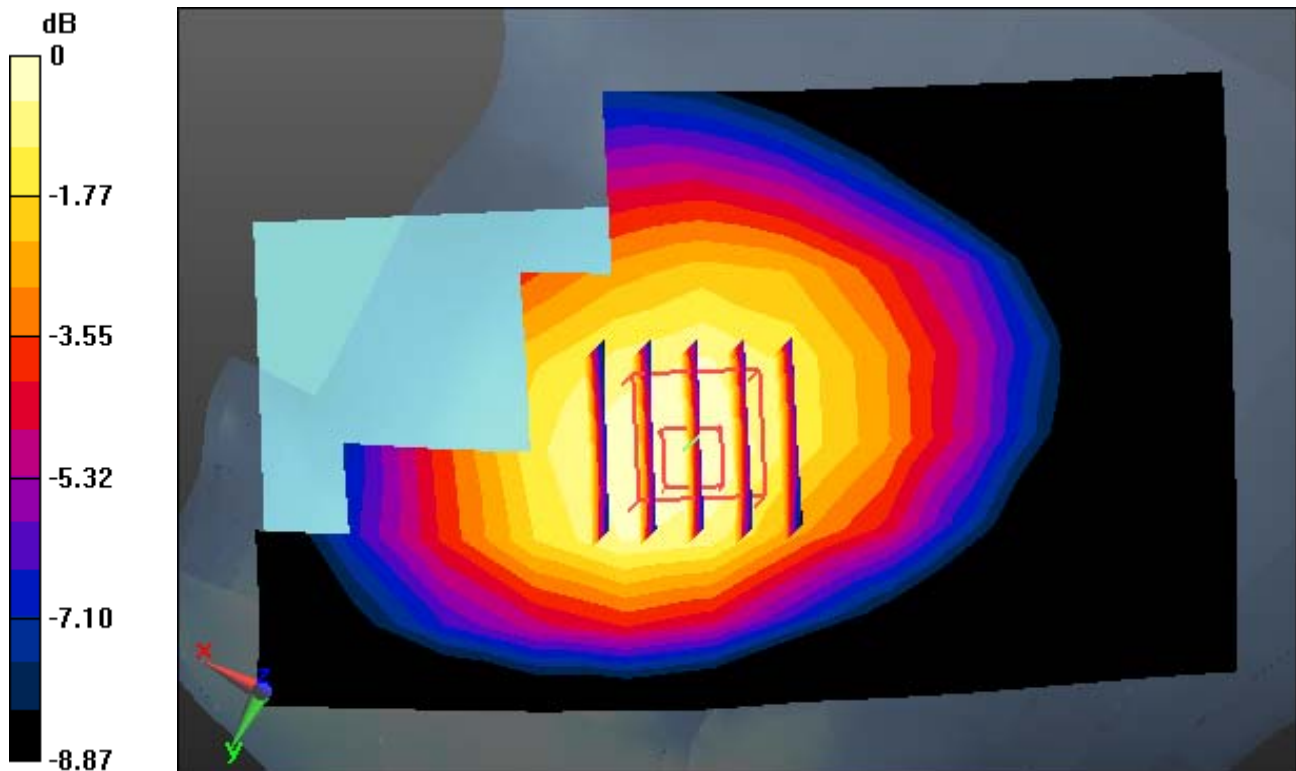
With EnLarge Plot image

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.311 W/kg



0 dB = 0.463 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 42.972$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.48, 10.48, 10.48); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt) 2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.7

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

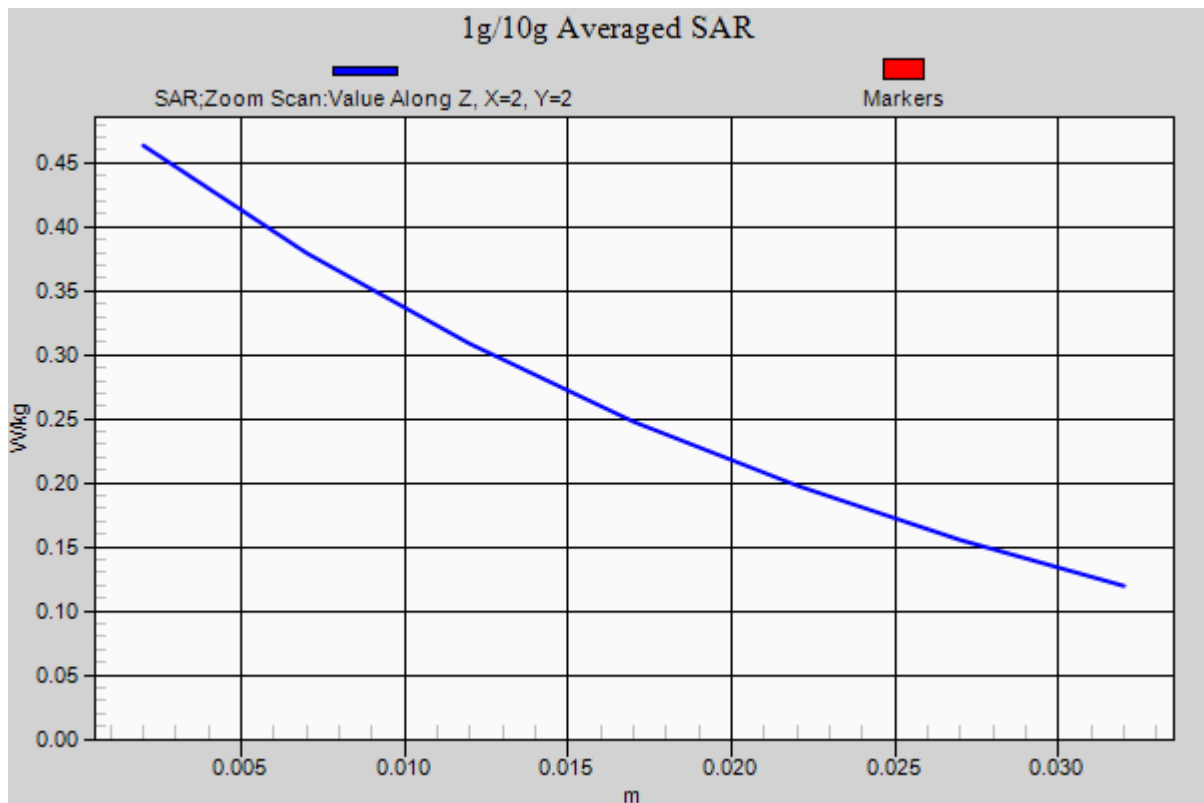
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.311 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: LTE Band 17 FCC (0); Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 41.708$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(11, 11, 11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.4

Right Touch, LTE Band 17 Ch. 23790, Ant Internal, Standard Battery

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

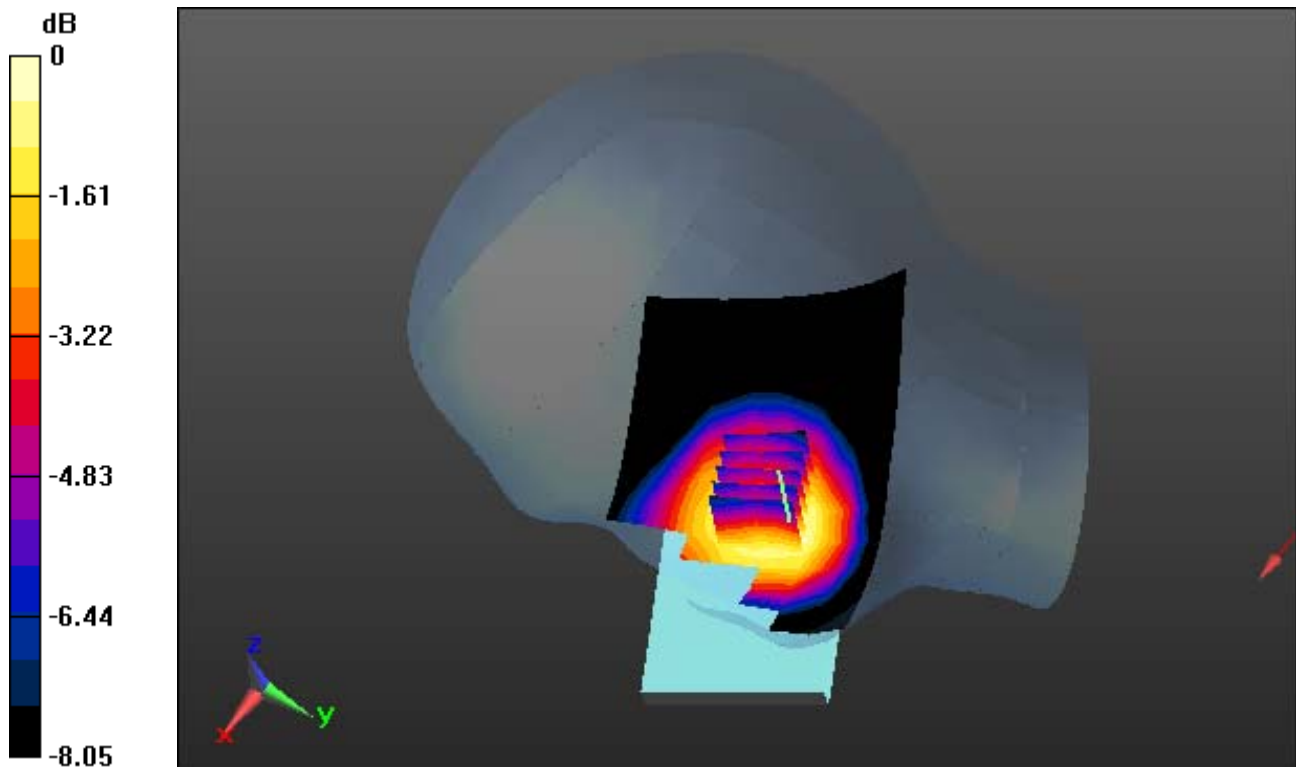
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.130 W/kg



0 dB = 0.189 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: LTE Band 17 FCC (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 41.708$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(11, 11, 11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.4

Right Touch, LTE Band 17 Ch. 23790, Ant Internal, Standard Battery

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

With Enlarge Plot image

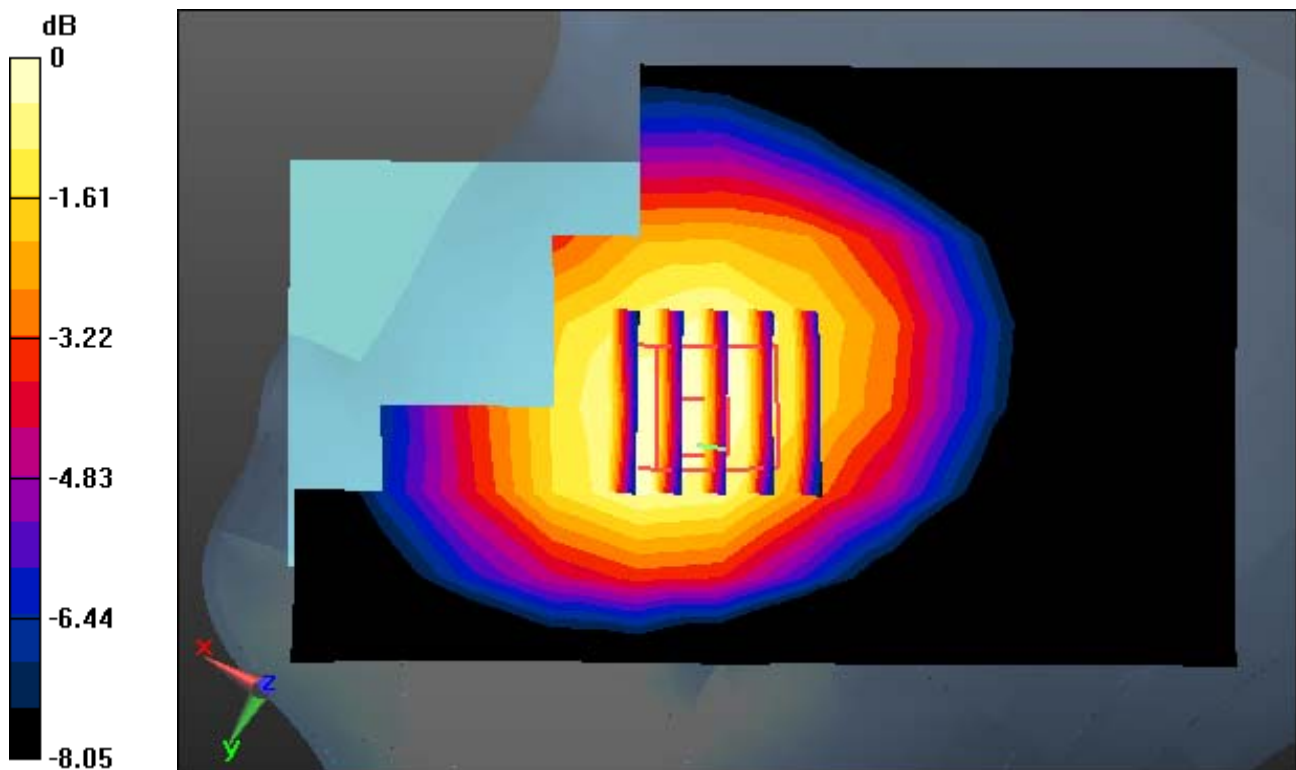
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.130 W/kg



0 dB = 0.189 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: LTE Band 17 FCC (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 41.708$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(11, 11, 11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.4

Right Touch, LTE Band 17 Ch. 23790, Ant Internal, Standard Battery

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

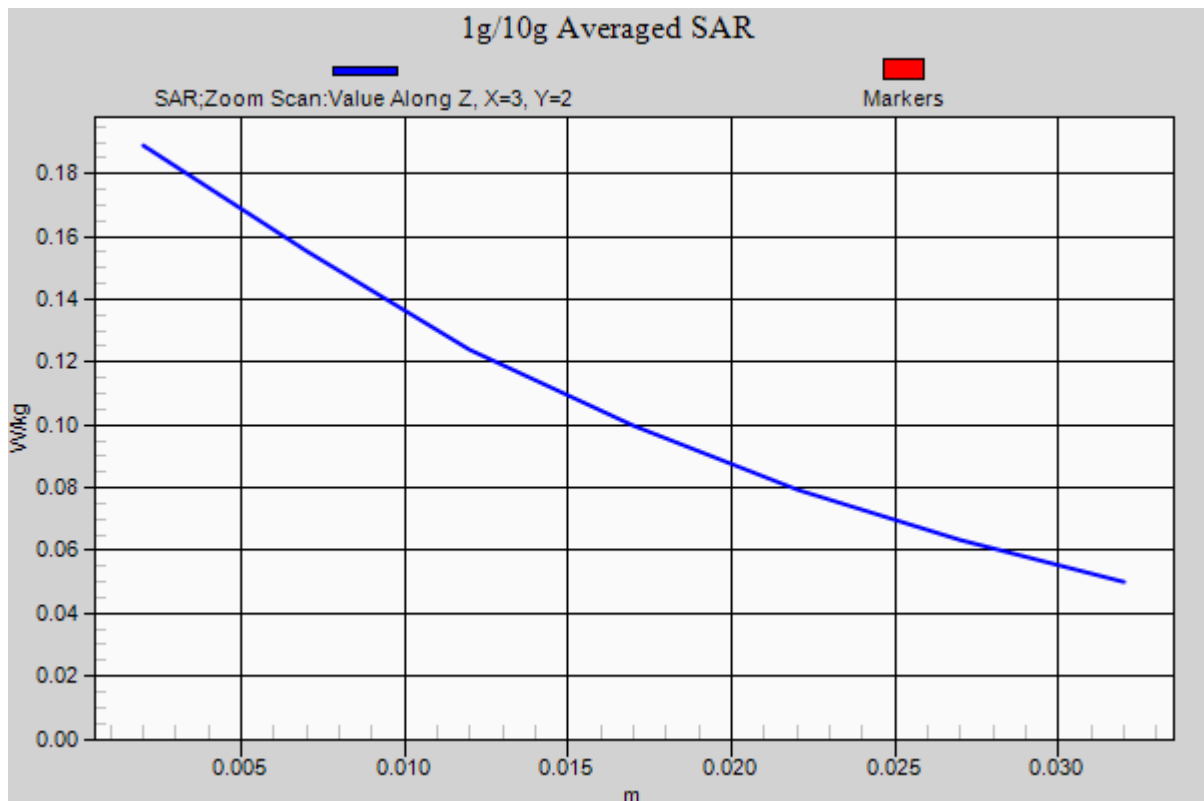
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.130 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.734 \text{ S/m}$; $\epsilon_r = 40.542$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.55, 7.55, 7.55); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.8

Left Touch, 2.4 GHz W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

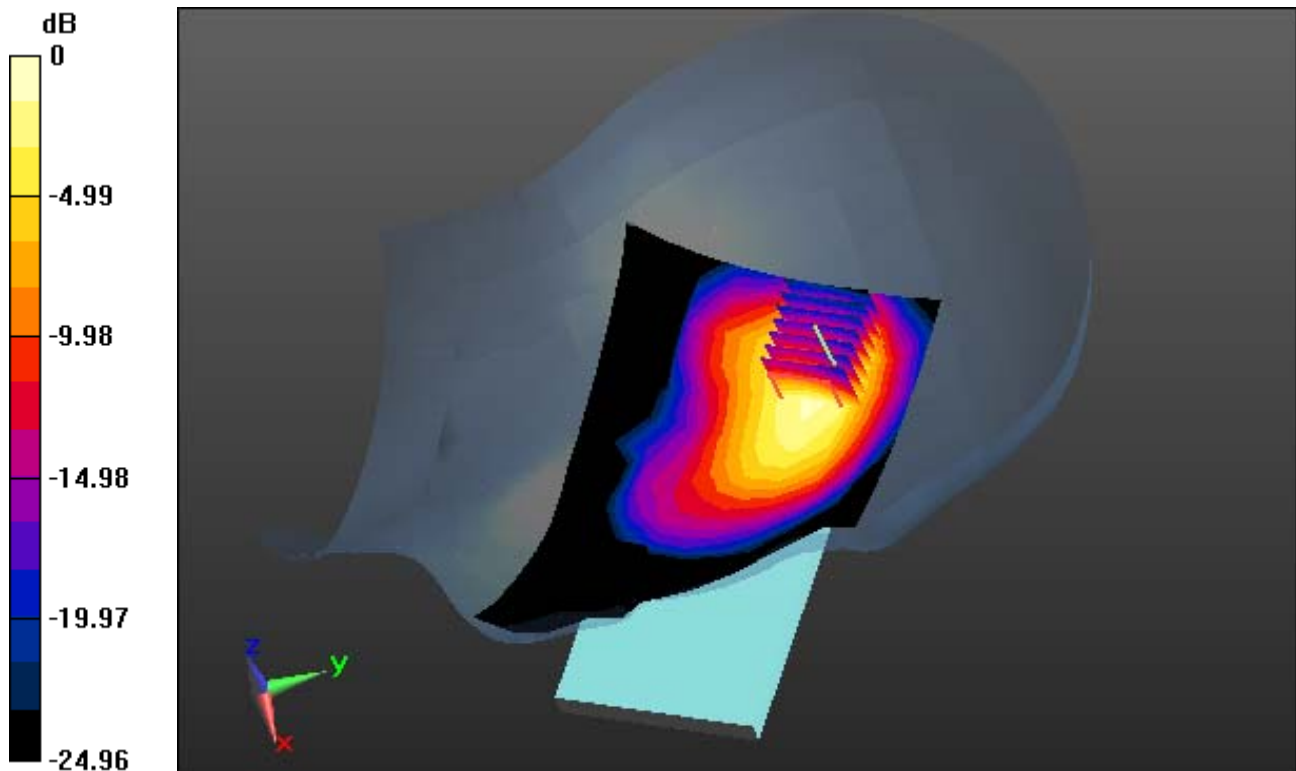
Area Scan (10x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.254 W/kg



0 dB = 0.703 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.734$ S/m; $\epsilon_r = 40.542$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.55, 7.55, 7.55); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.8

Left Touch, 2.4 GHz W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

With Enlarge Plot image

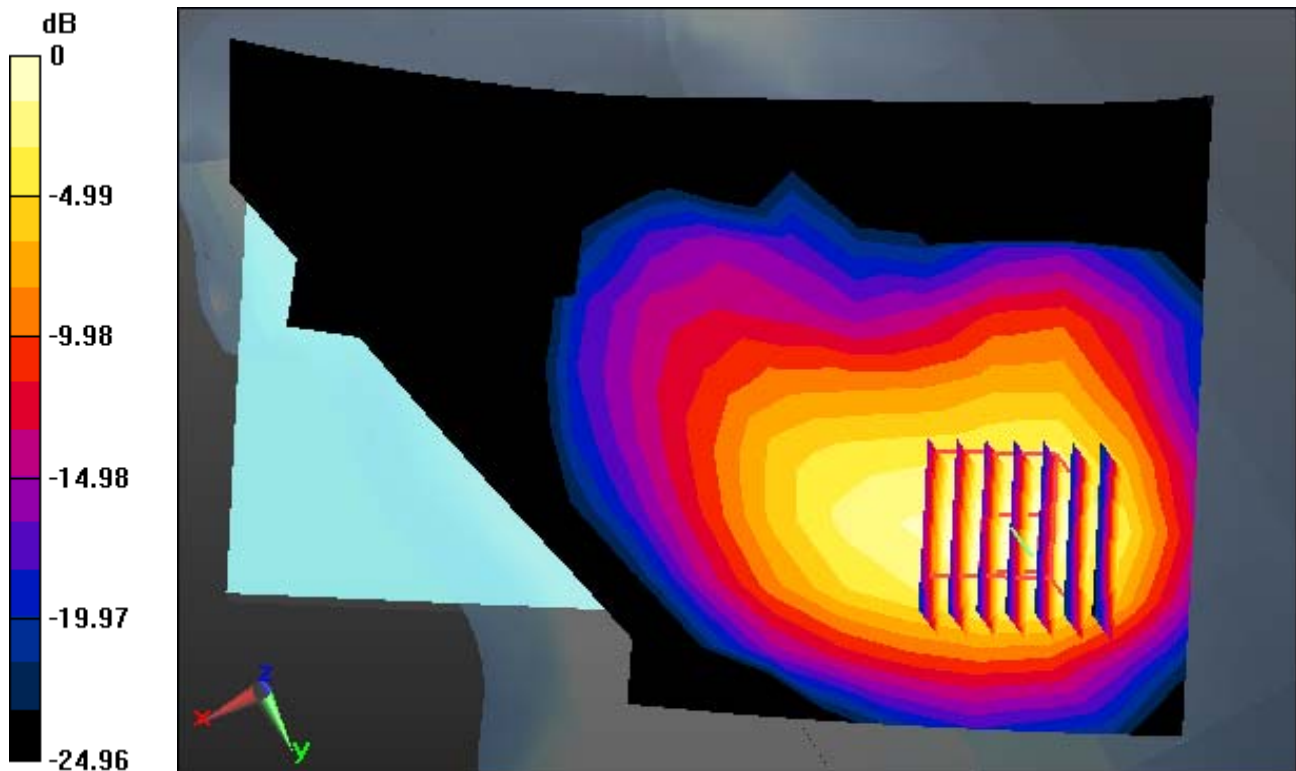
Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.254 W/kg



0 dB = 0.703 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.734$ S/m; $\epsilon_r = 40.542$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.55, 7.55, 7.55); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt) 2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.8

Left Touch, 2.4 GHz W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery

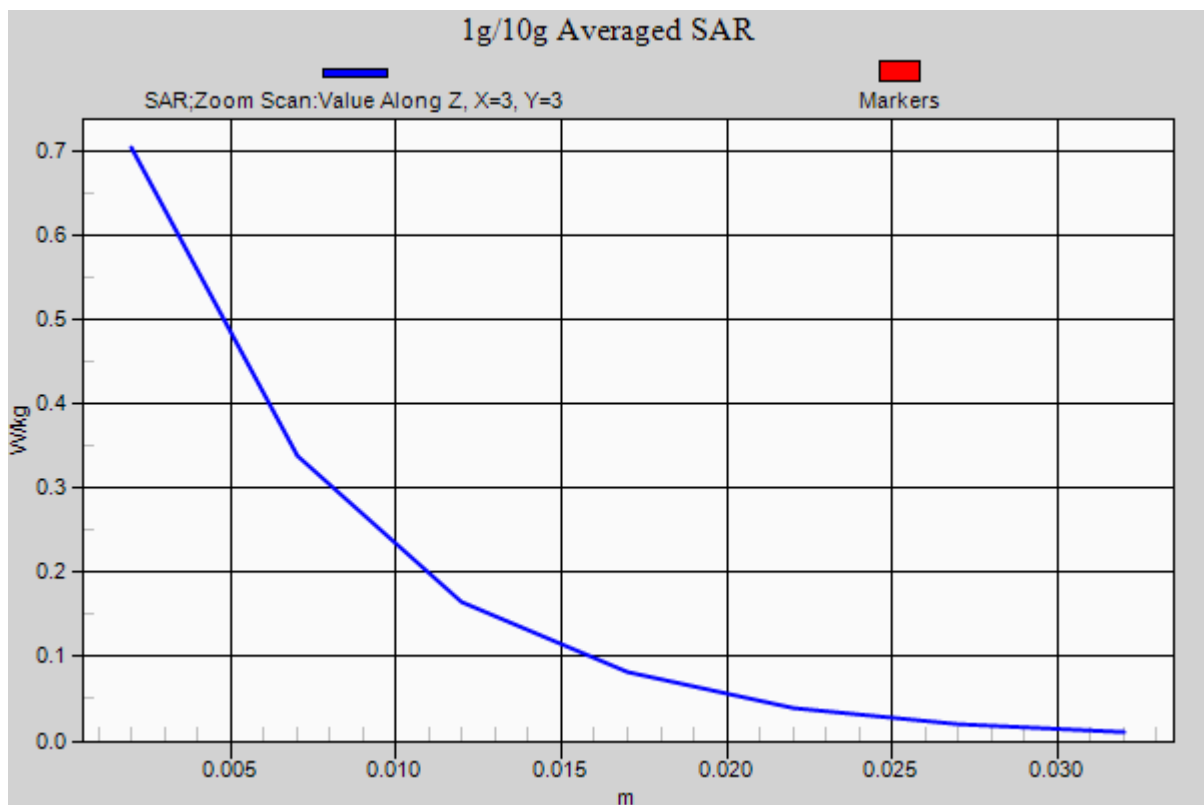
Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.254 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 4.638 \text{ S/m}$; $\epsilon_r = 35.655$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.11, 5.11, 5.11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.9

Left Tilt, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal, Standard Battery

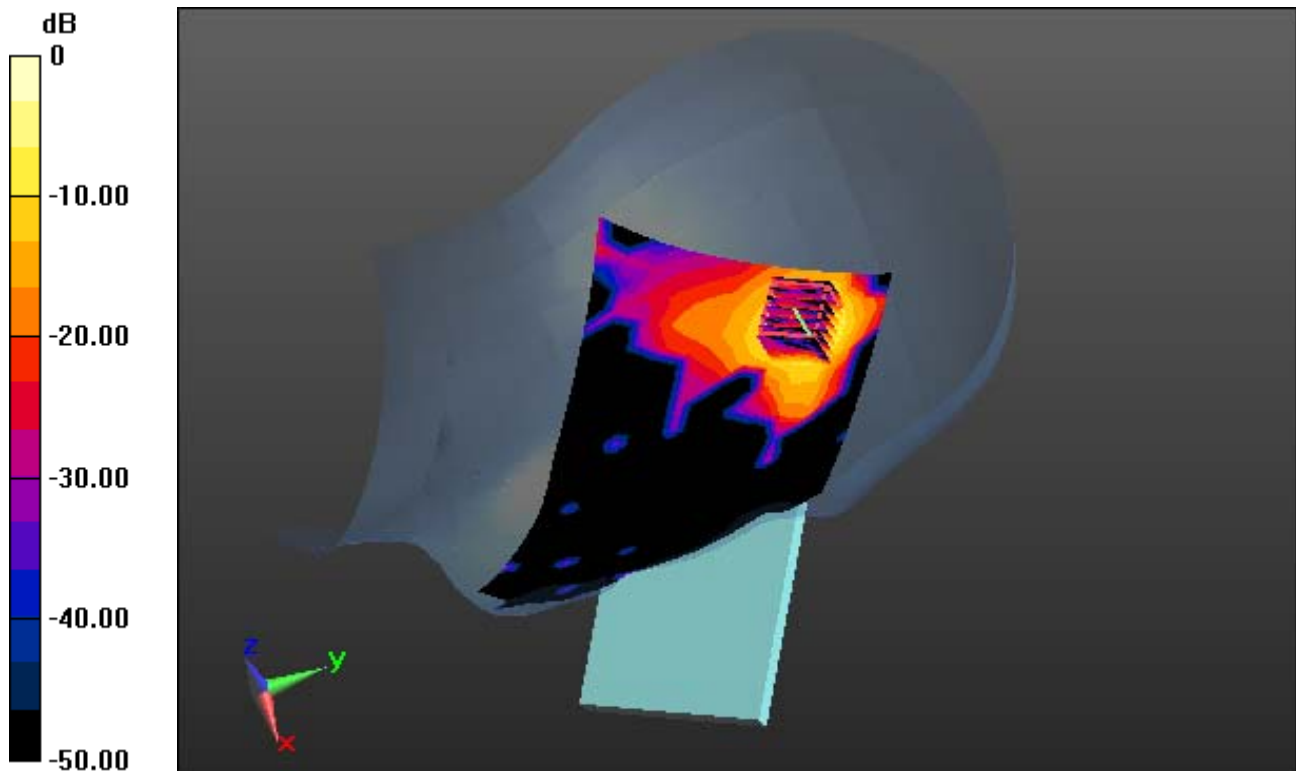
Area Scan (12x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 1.32 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.638$ S/m; $\epsilon_r = 35.655$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.11, 5.11, 5.11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.9

Left Tilt, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal, Standard Battery

With Enlarge Plot image

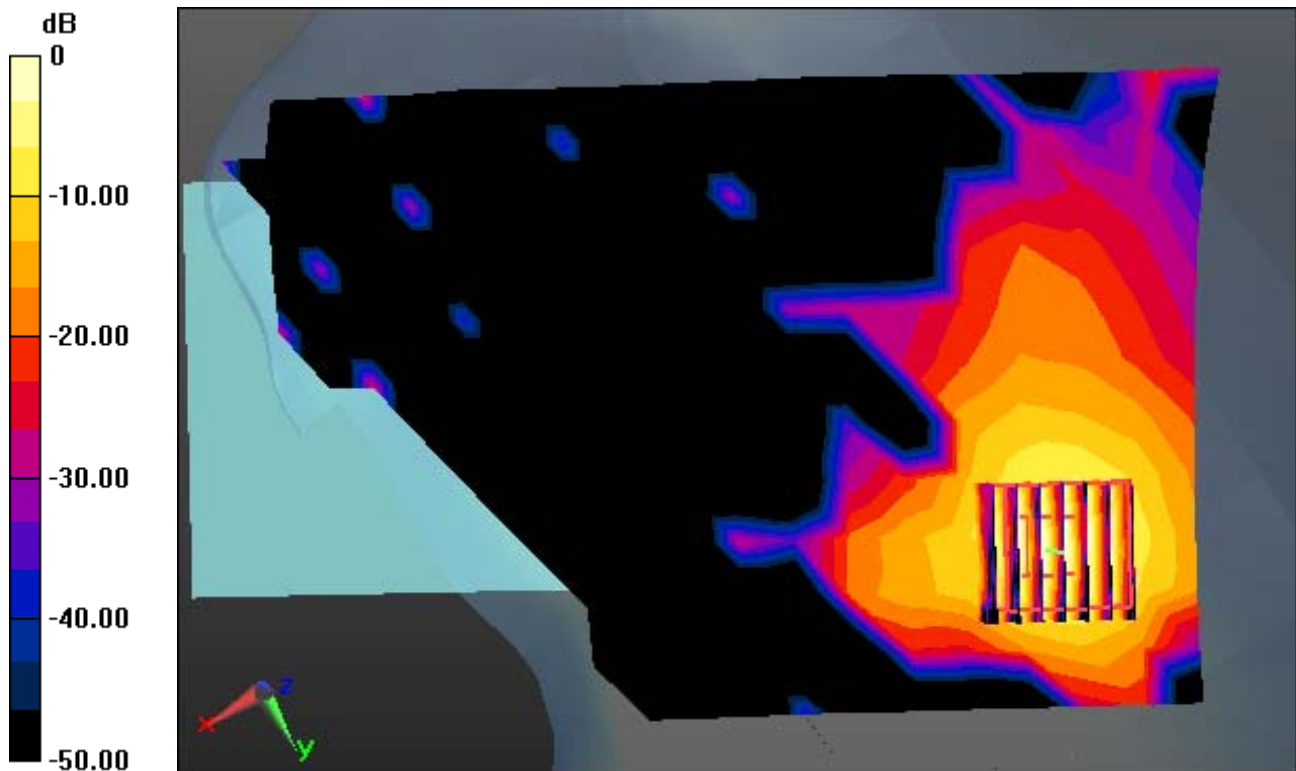
Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 1.32 W/kg

A8

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.638$ S/m; $\epsilon_r = 35.655$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(5.11, 5.11, 5.11); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.9

Left Tilt, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal, Standard Battery

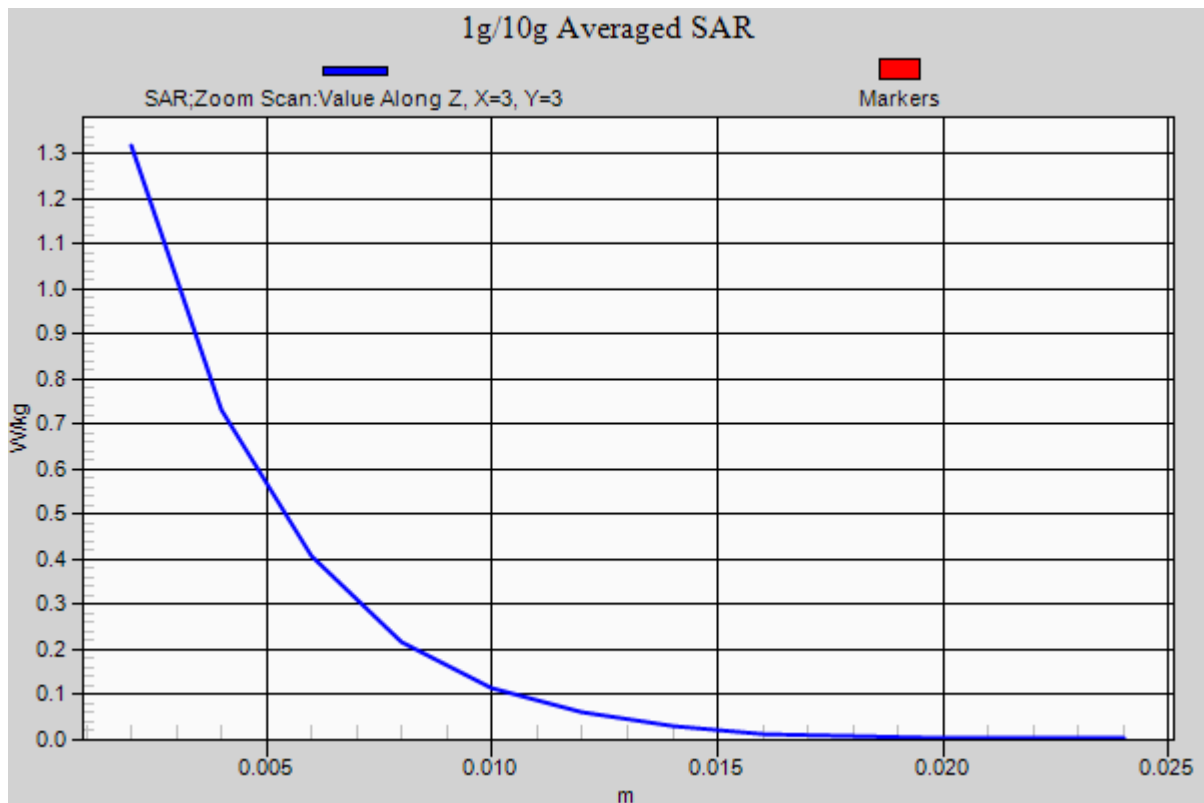
Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.175 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5670 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5670 \text{ MHz}$; $\sigma = 4.969 \text{ S/m}$; $\epsilon_r = 35.725$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.6, 4.6, 4.6); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.7

Left Tilt, W-LAN(802.11n HT40) Ch. 134, Ant Internal, Standard Battery

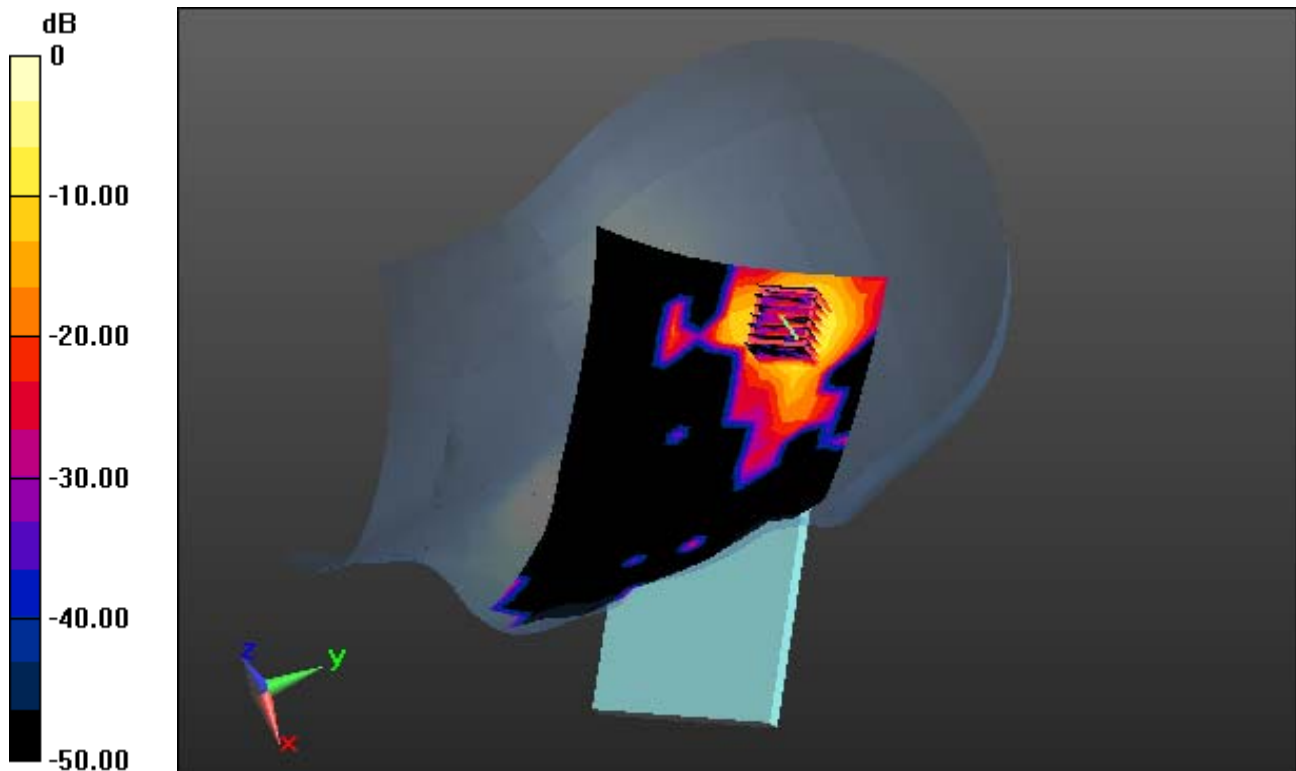
Area Scan (12x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.202 W/kg



0 dB = 1.68 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5670 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5670$ MHz; $\sigma = 4.969$ S/m; $\epsilon_r = 35.725$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.6, 4.6, 4.6); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.7

Left Tilt, W-LAN(802.11n HT40) Ch. 134, Ant Internal, Standard Battery

With Enlarge Plot image

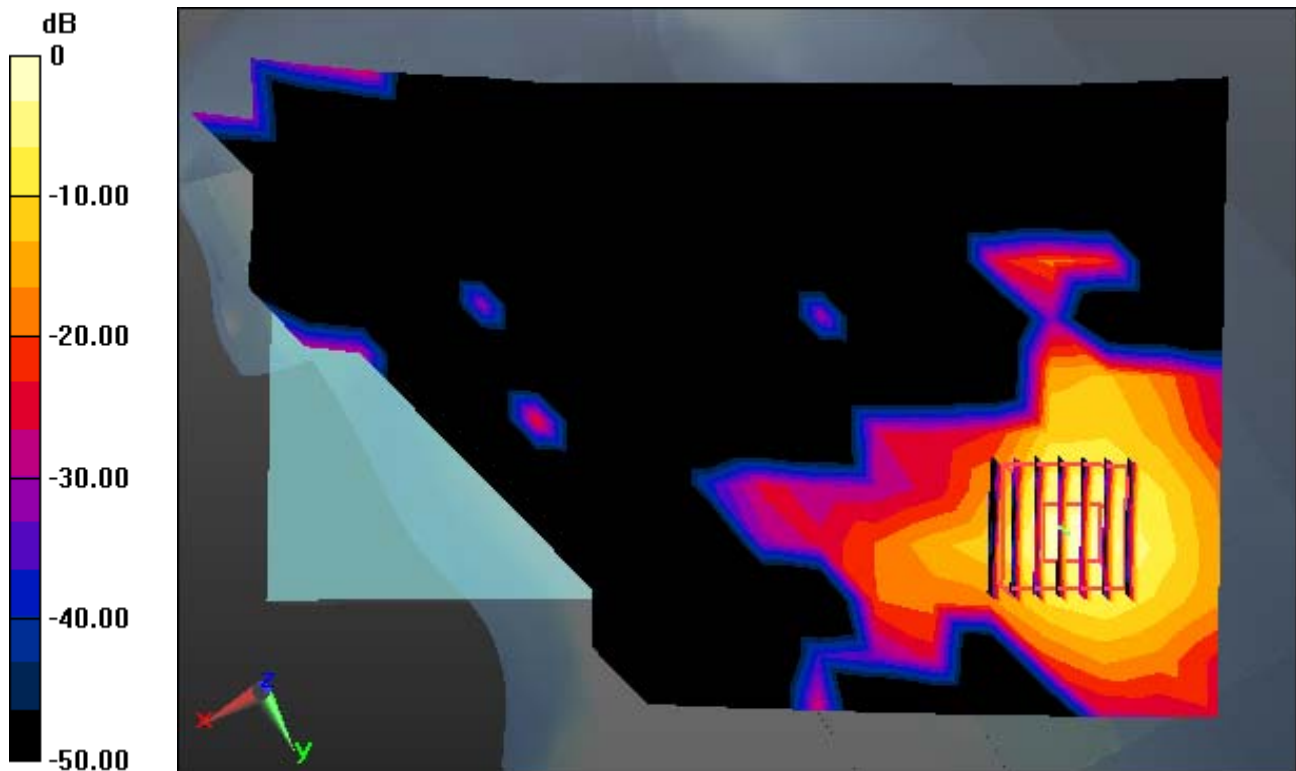
Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.202 W/kg



0 dB = 1.68 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5670 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5670$ MHz; $\sigma = 4.969$ S/m; $\epsilon_r = 35.725$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.6, 4.6, 4.6); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.7

Left Tilt, W-LAN(802.11n HT40) Ch. 134, Ant Internal, Standard Battery

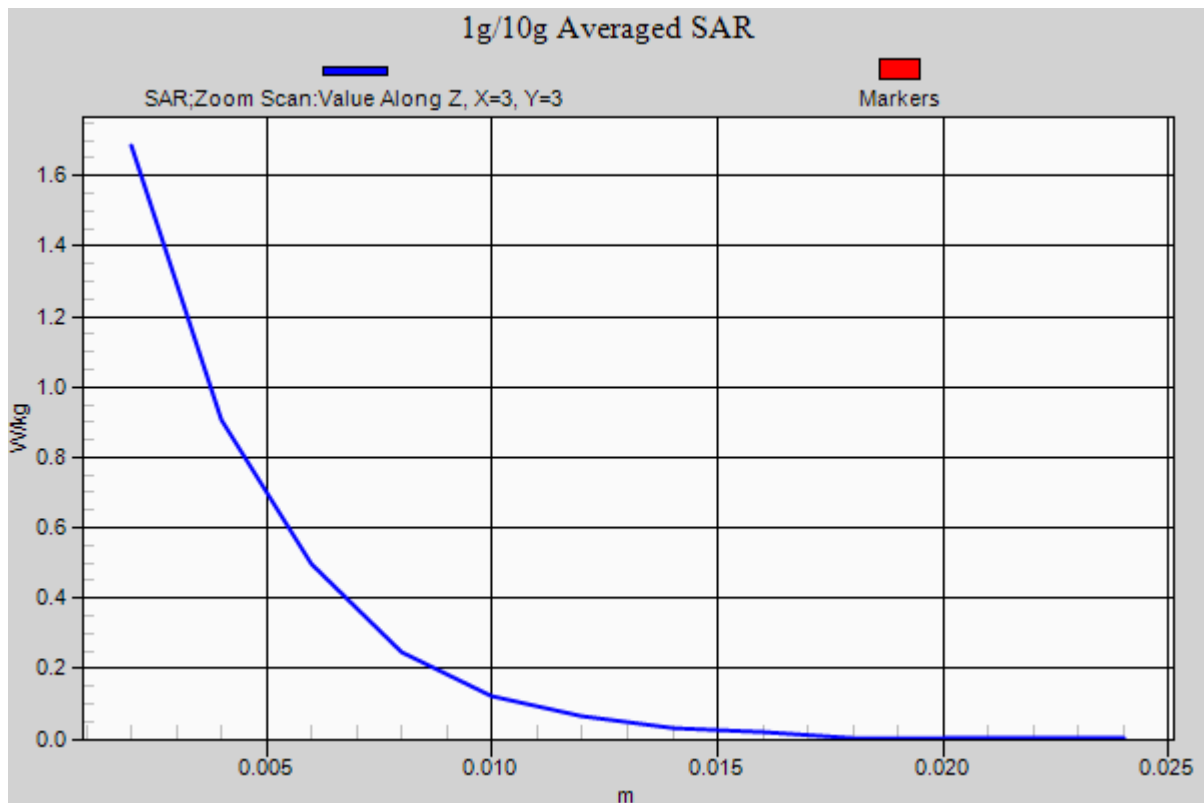
Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.202 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 57.273$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.3

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

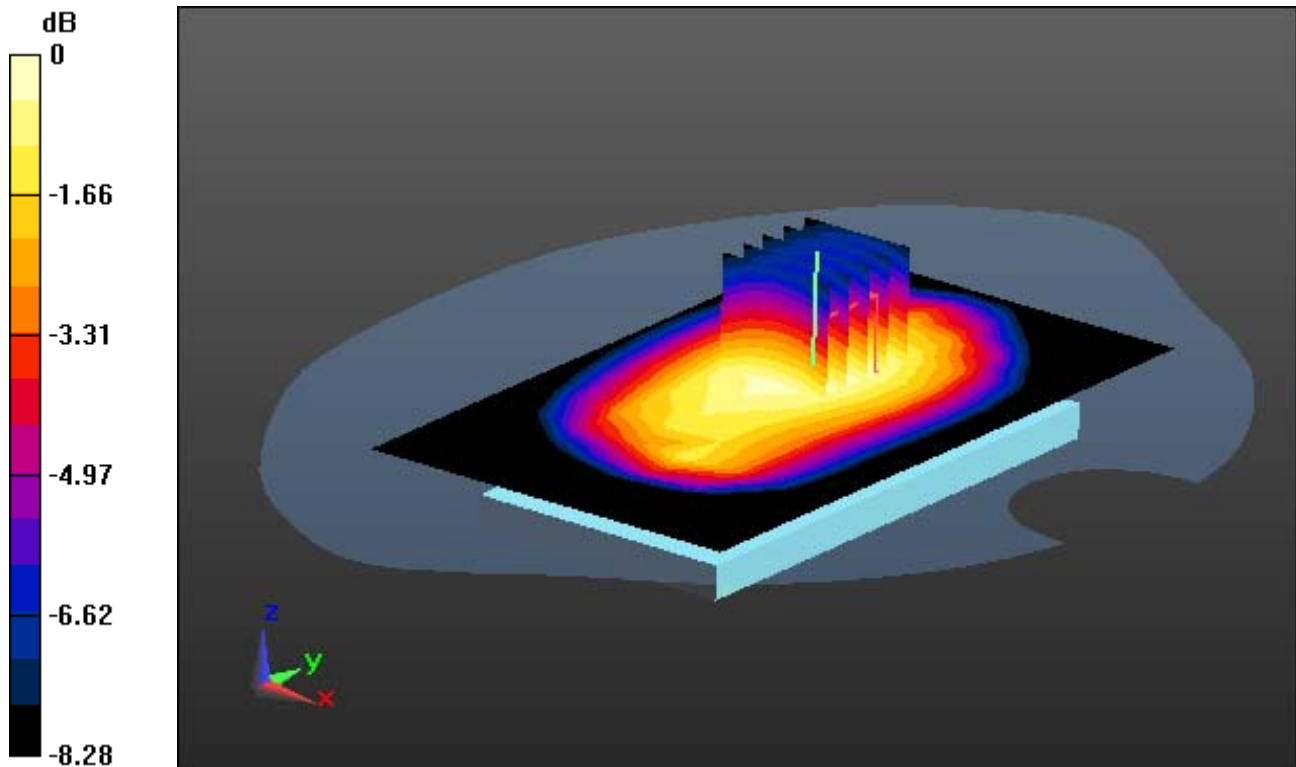
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.288 W/kg



0 dB = 0.452 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 57.273$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.3

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

With Enlarge Plot image

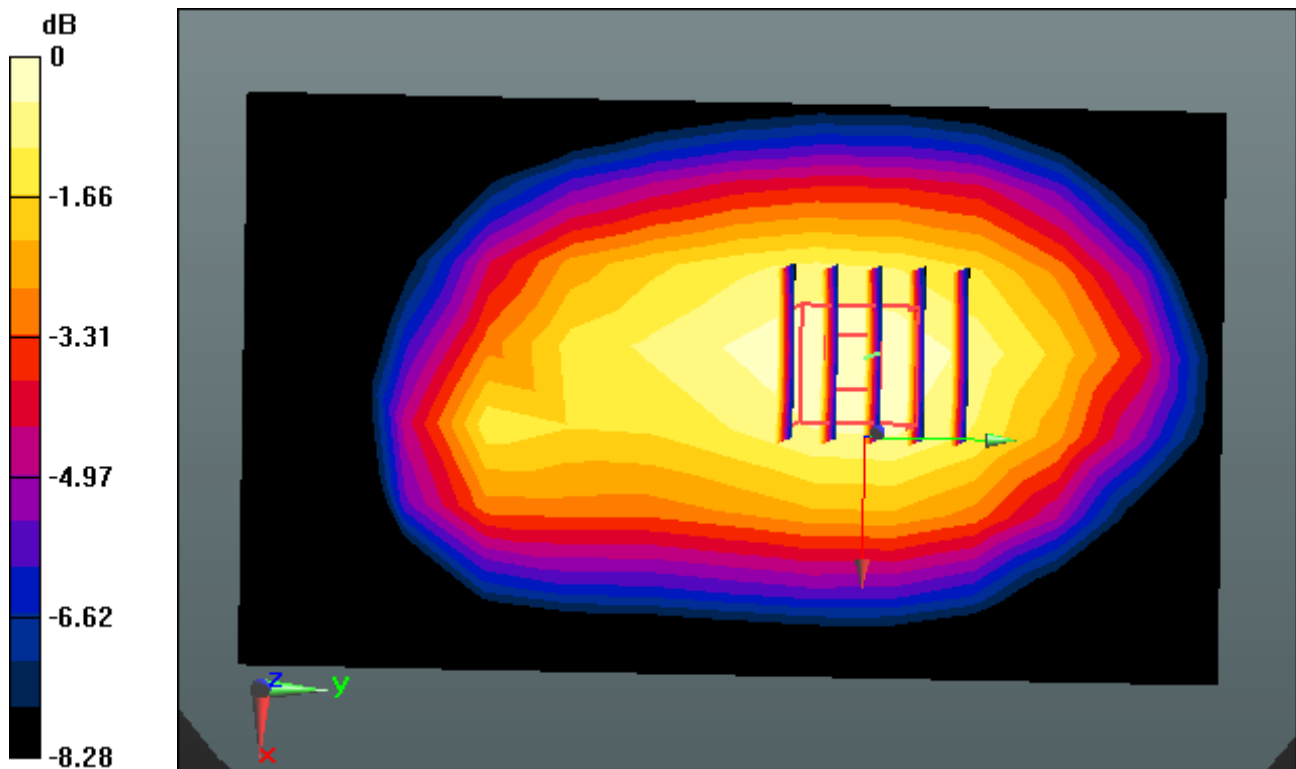
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.288 W/kg



0 dB = 0.452 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 57.273$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt) 2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.3

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

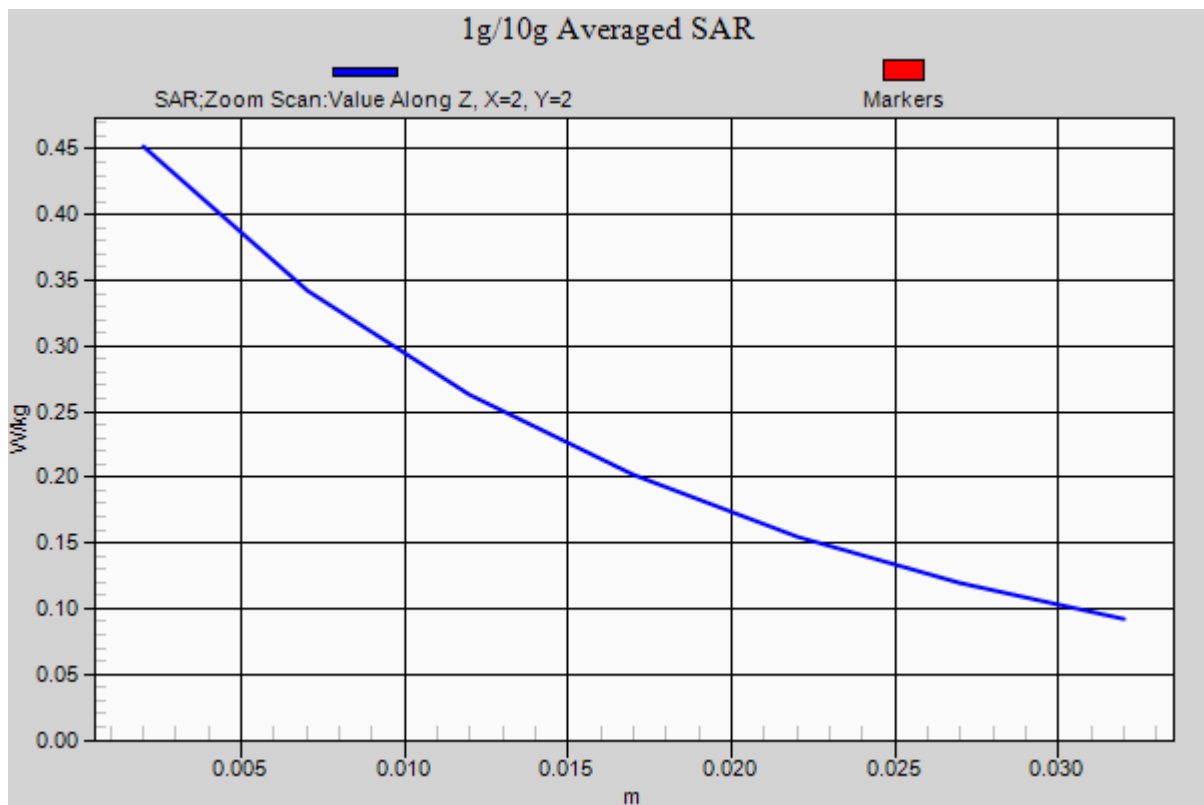
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.288 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 57.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

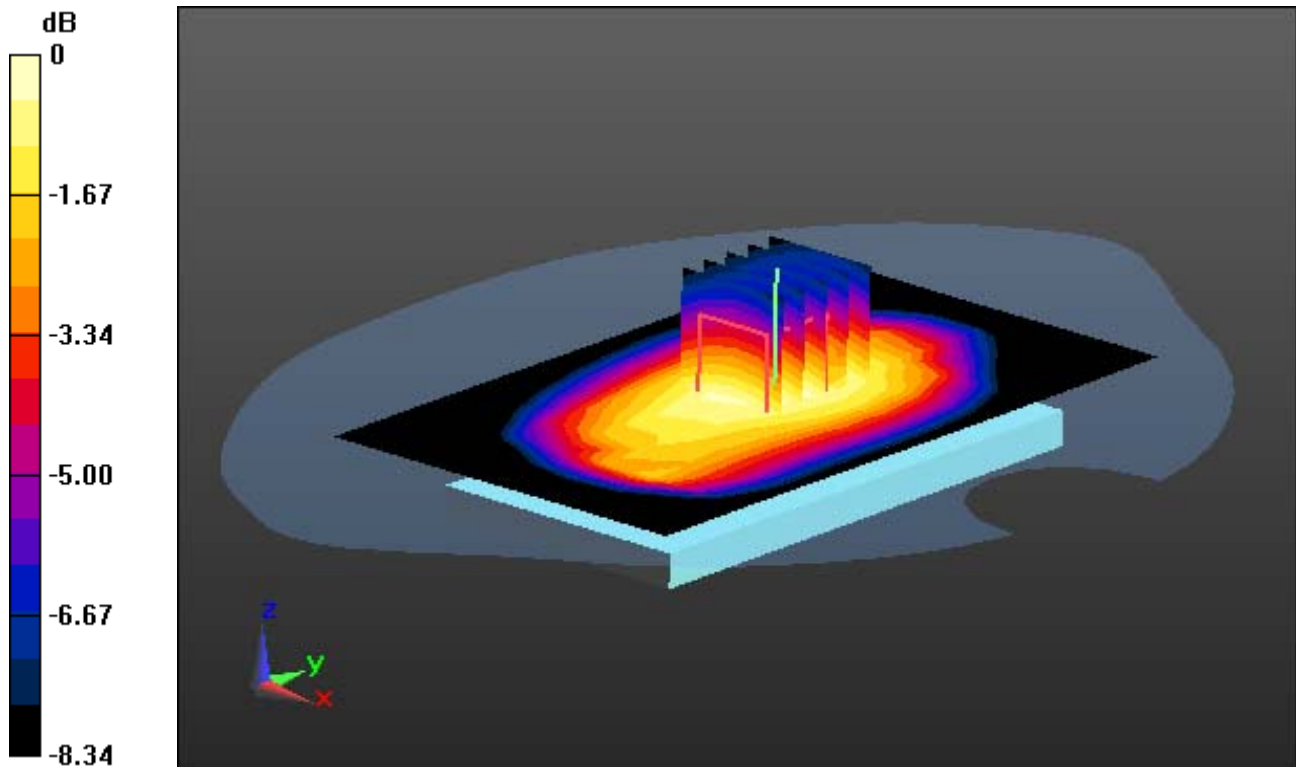
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.312 W/kg



0 dB = 0.499 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 57.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

With Enlarge Plot image

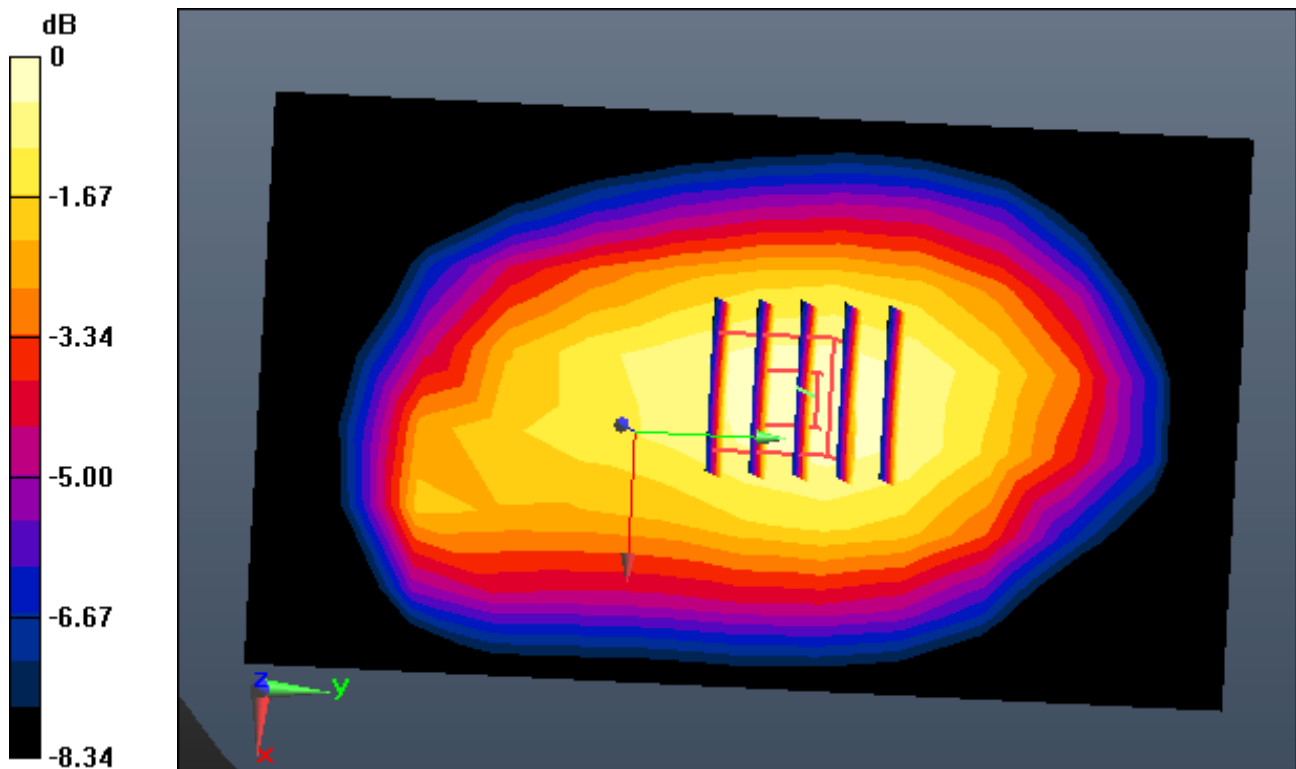
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.312 W/kg



0 dB = 0.499 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 57.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2017-05-19; Ambient Temp: 21.2; Tissue Temp: 21.3

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

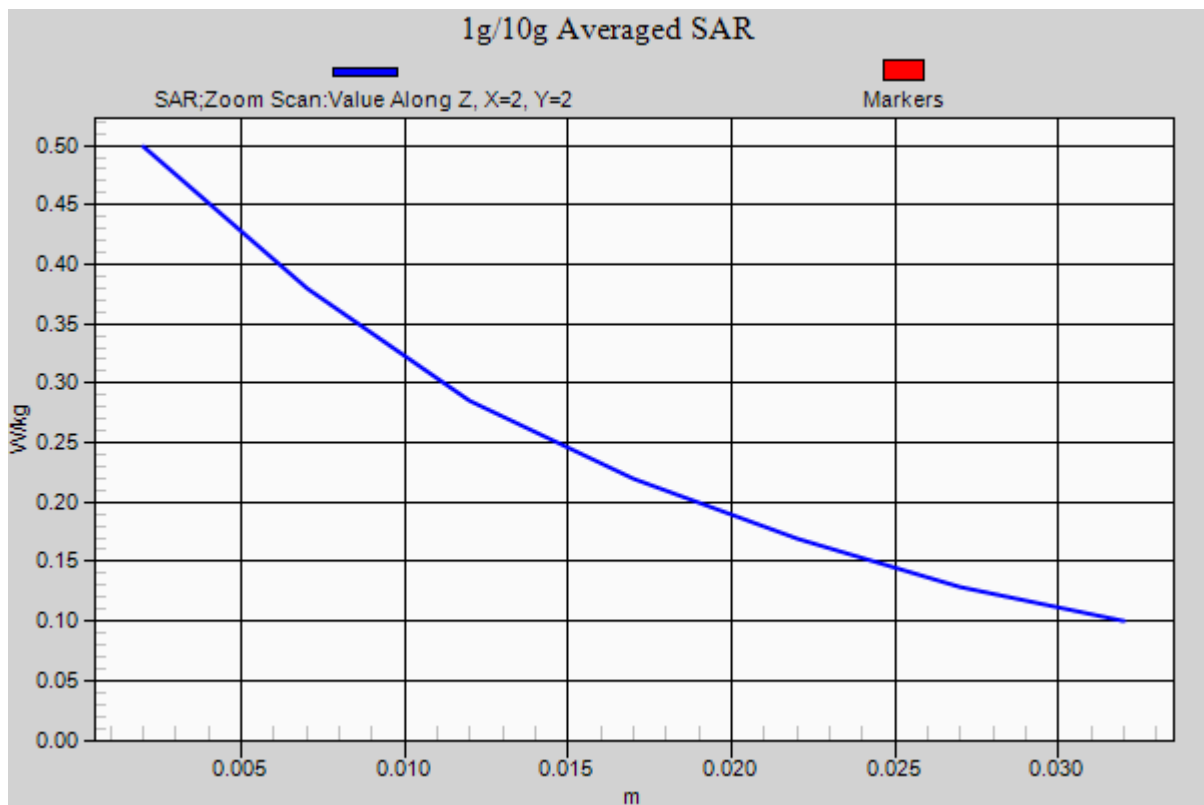
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.312 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.17, 8.17, 8.17); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.2

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

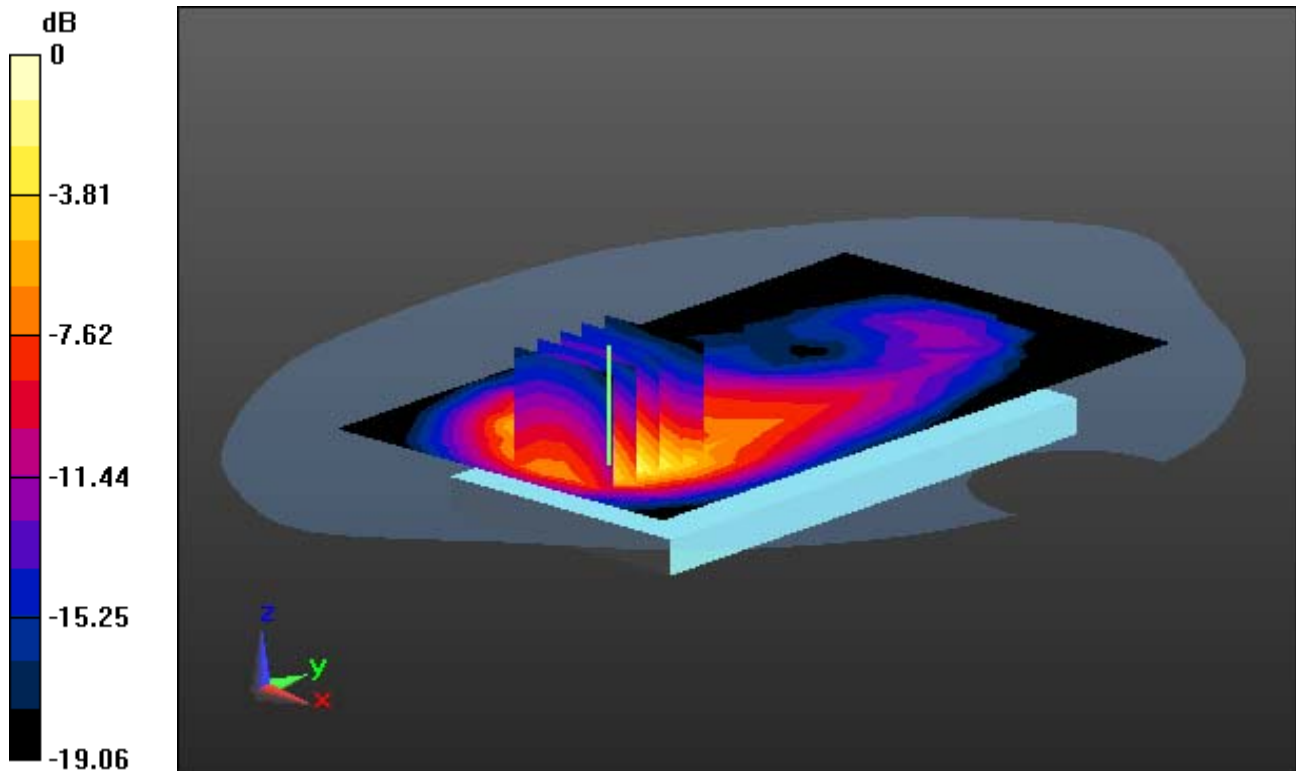
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.311 W/kg



0 dB = 0.900 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.17, 8.17, 8.17); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.2

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

With Enlarge Plot image

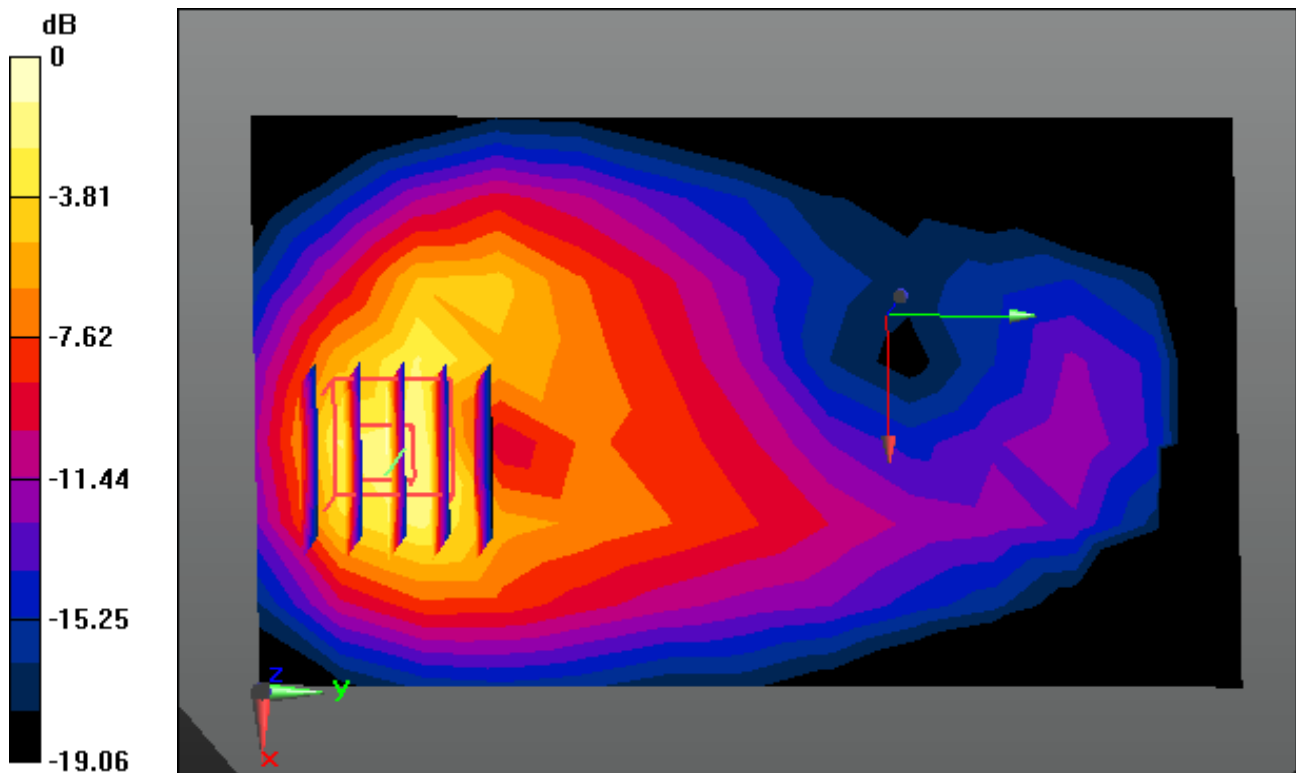
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.311 W/kg



0 dB = 0.900 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.17, 8.17, 8.17); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt) 2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.2

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

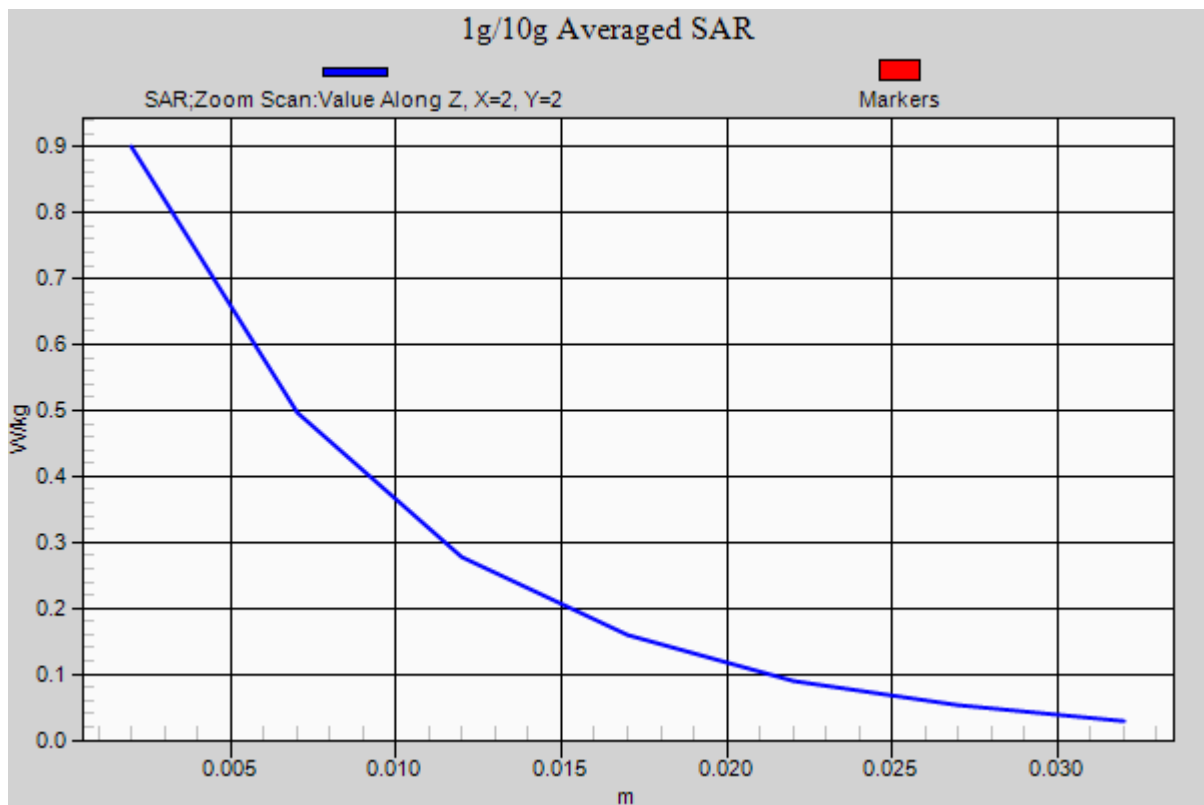
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.311 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.485$ S/m; $\epsilon_r = 53.528$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.17, 8.17, 8.17); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.2

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

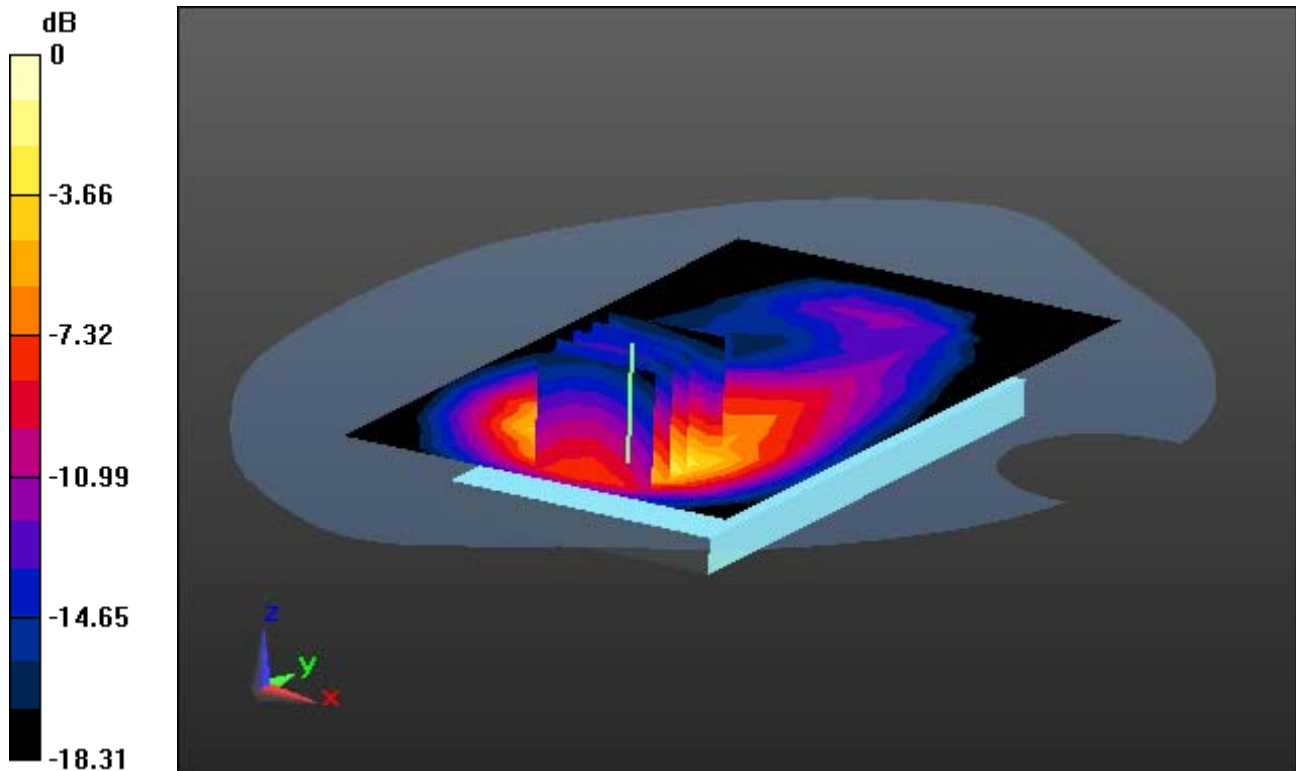
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.418 W/kg



0 dB = 1.18 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.485$ S/m; $\epsilon_r = 53.528$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.17, 8.17, 8.17); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.2

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

With Enlarge Plot image

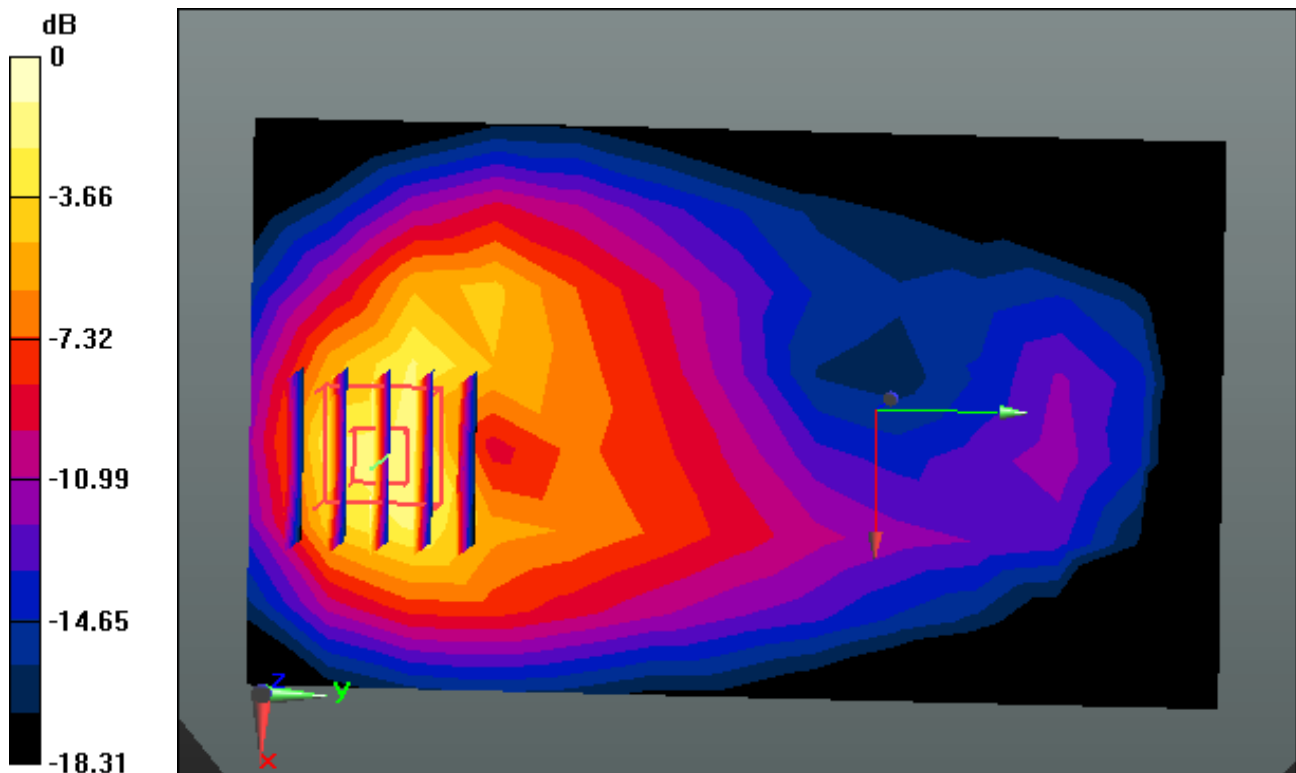
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.418 W/kg



0 dB = 1.18 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: PCS1900_Class 10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.485$ S/m; $\epsilon_r = 53.528$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.17, 8.17, 8.17); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-05-22; Ambient Temp: 21.6; Tissue Temp: 21.2

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal

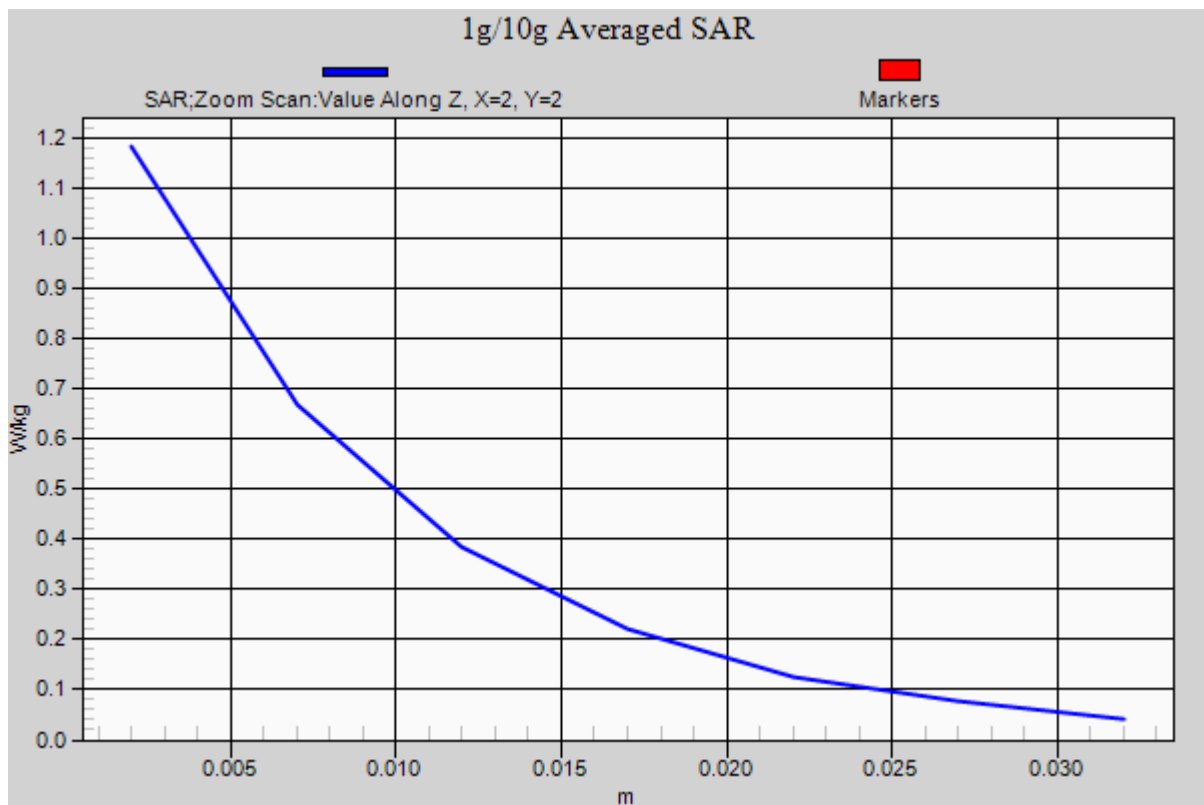
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.418 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 57.272$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.9

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

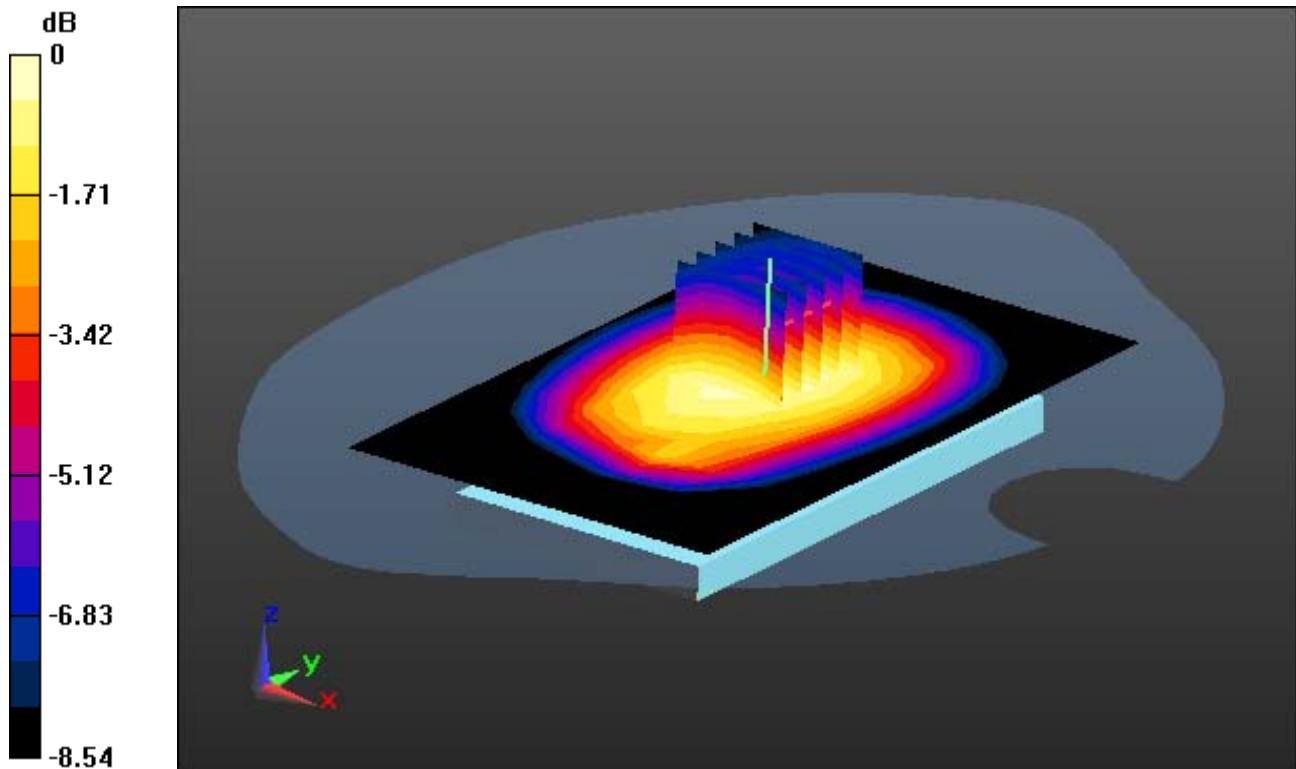
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.388 W/kg



0 dB = 0.604 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.007 \text{ S/m}$; $\epsilon_r = 57.272$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.9

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

With Enlarge Plot image

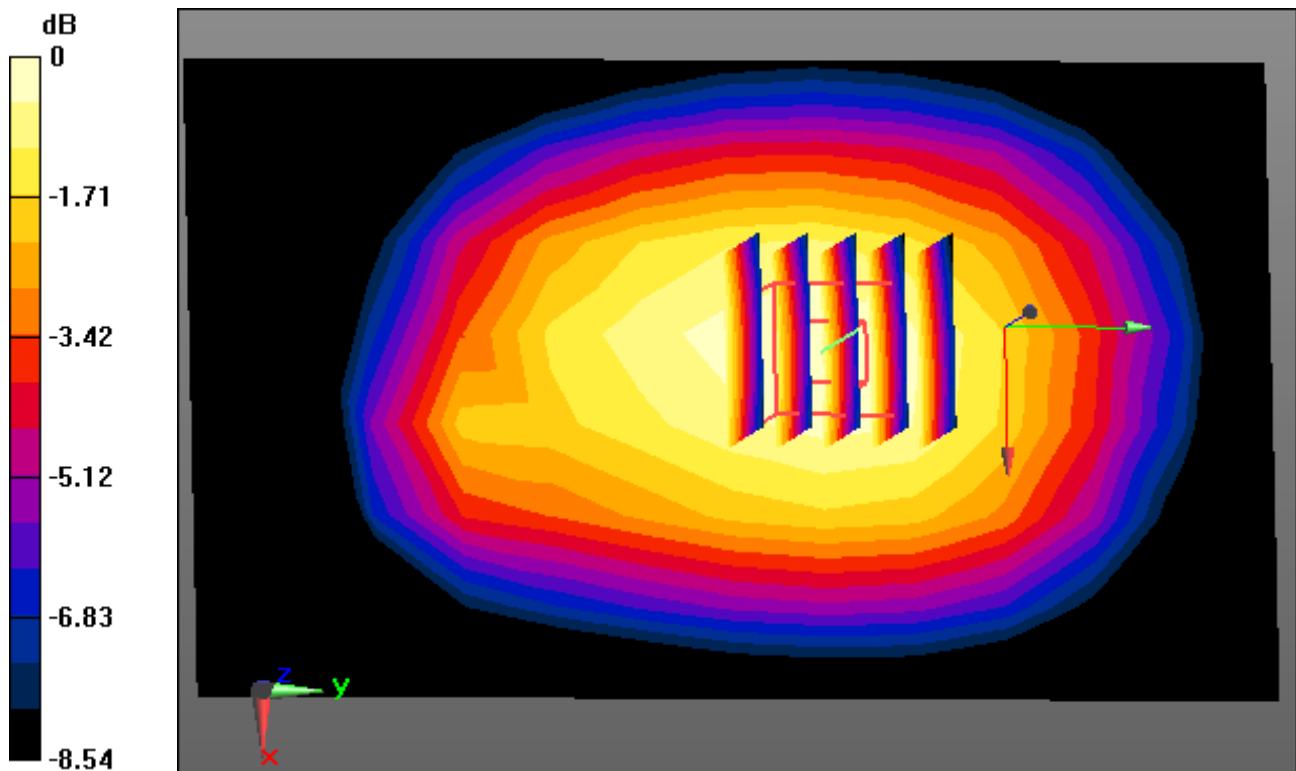
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.388 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 57.272$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.47, 10.47, 10.47); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt) 2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-23; Ambient Temp: 22.0; Tissue Temp: 21.9

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

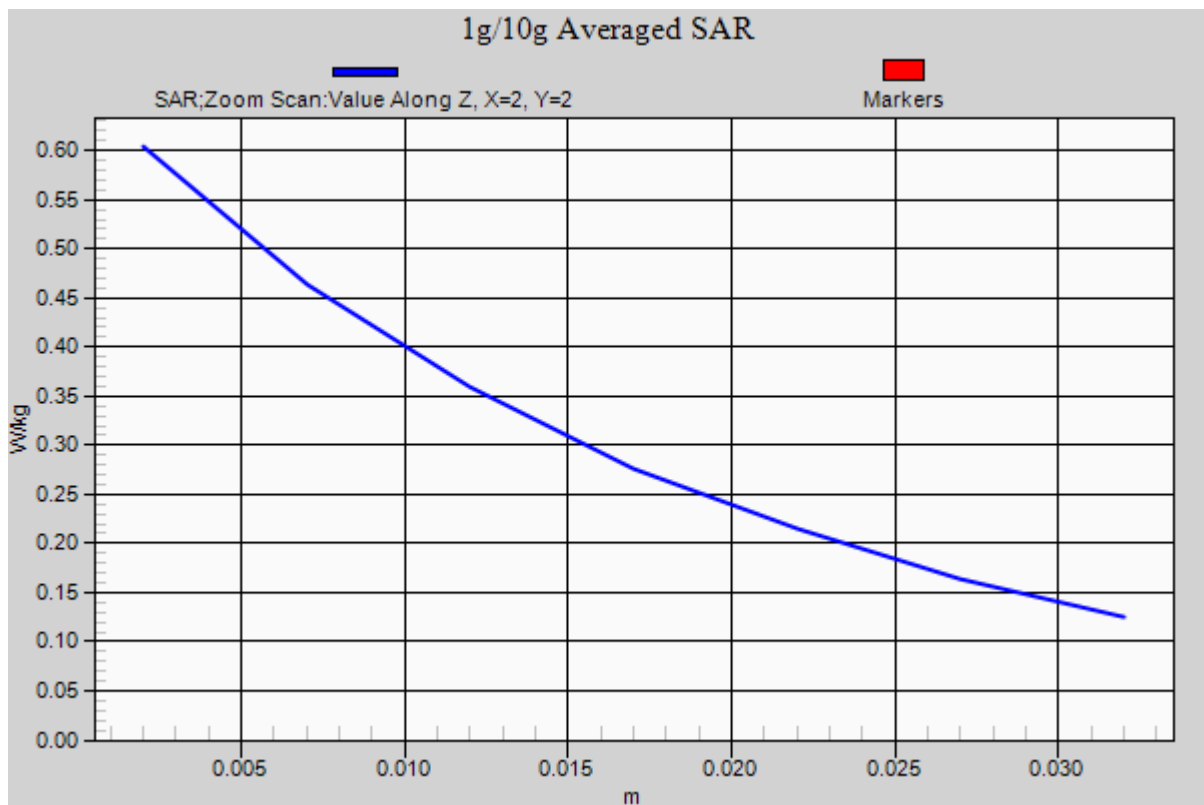
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.388 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: LTE Band 17 FCC (0); Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 57.047$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.82, 10.82, 10.82); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

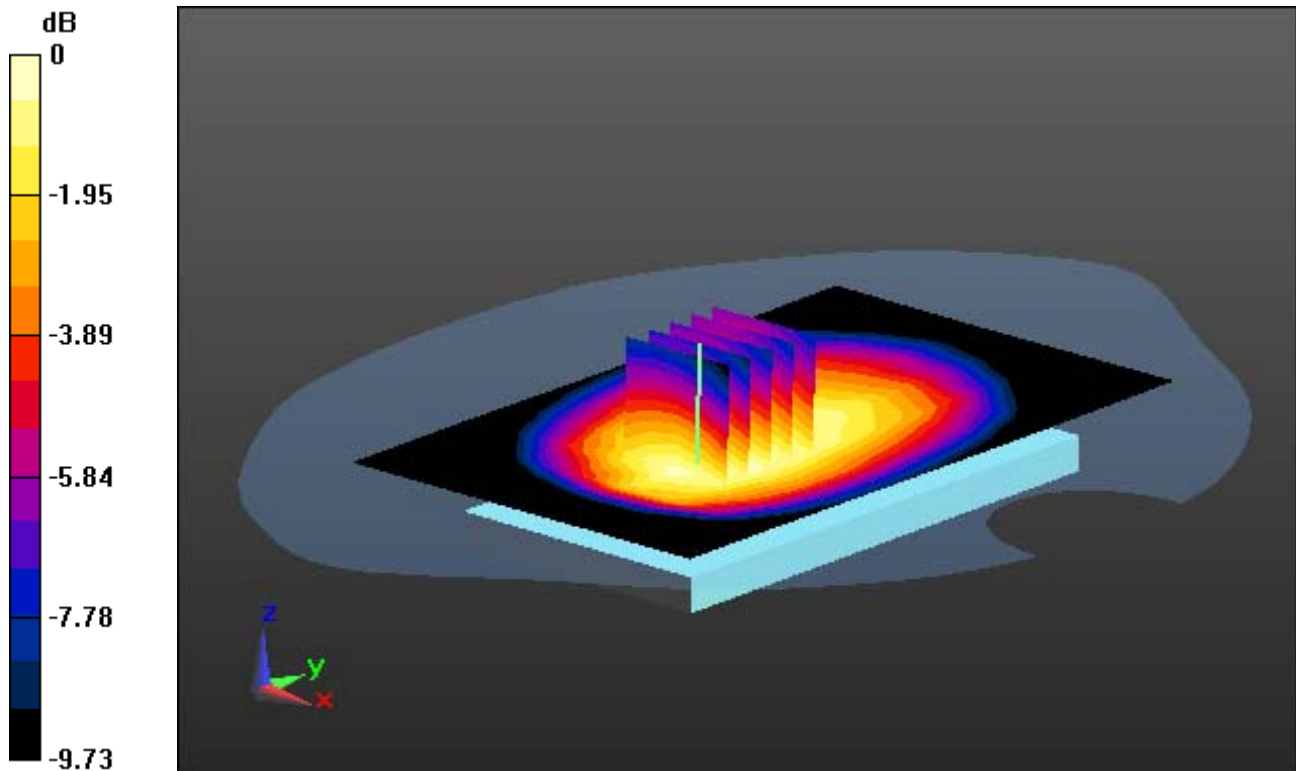
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.229 W/kg



0 dB = 0.349 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: LTE Band 17 FCC (0); Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 57.047$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.82, 10.82, 10.82); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

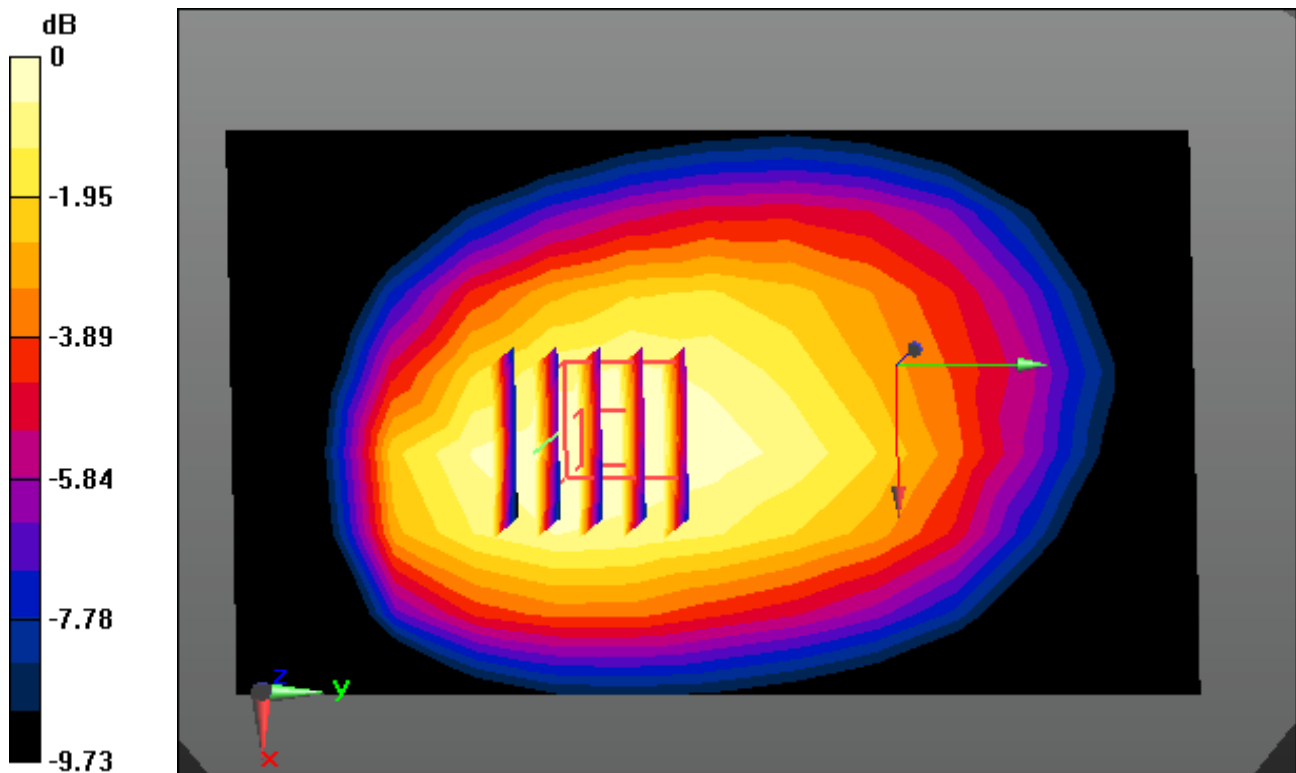
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.229 W/kg



0 dB = 0.349 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: LTE Band 17 FCC (0); Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 57.047$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.82, 10.82, 10.82); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin right (20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-24; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

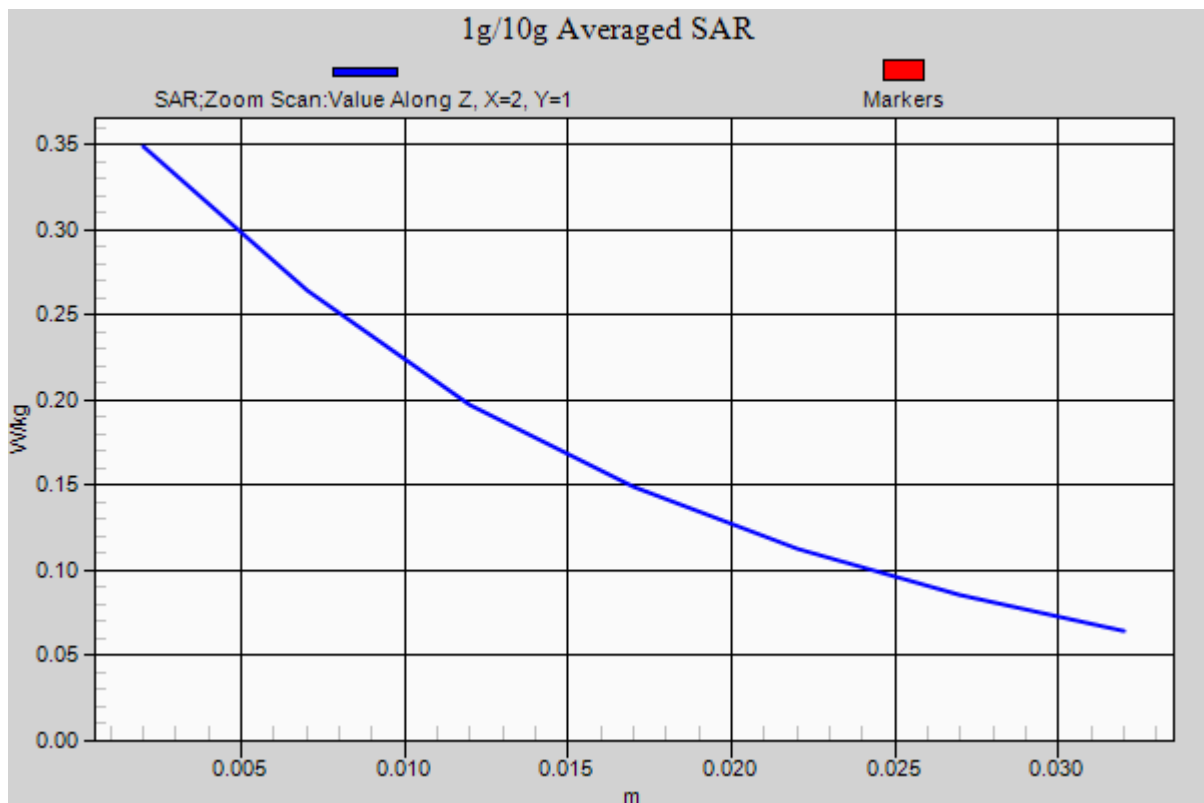
Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.229 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 53.158$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.59, 7.59, 7.59); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.6

1 cm space from Body, Rear, 2.4 GHz W-LAN(802.11b) Ch. 1, Ant Internal

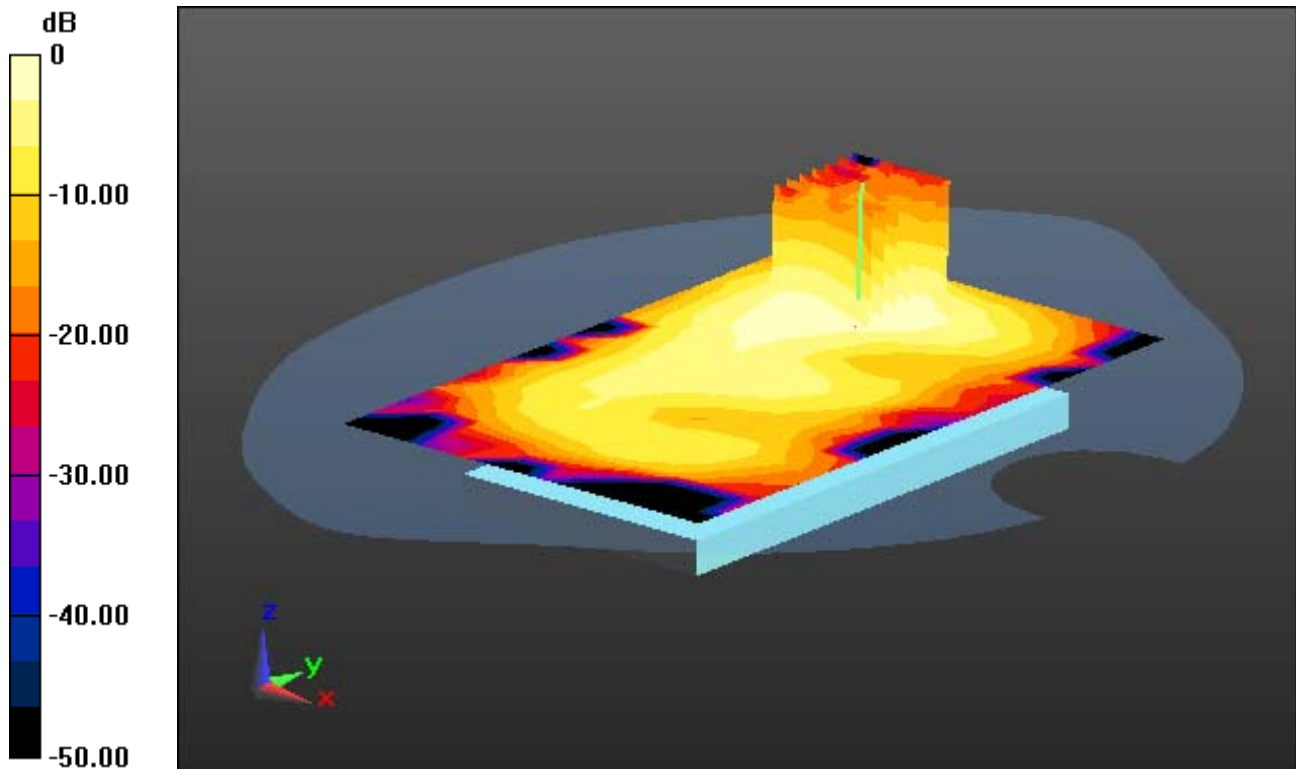
Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.160 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.844 \text{ S/m}$; $\epsilon_r = 53.158$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.59, 7.59, 7.59); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.6

1 cm space from Body, Rear, 2.4 GHz W-LAN(802.11b) Ch. 1, Ant Internal

With Enlarge Plot image

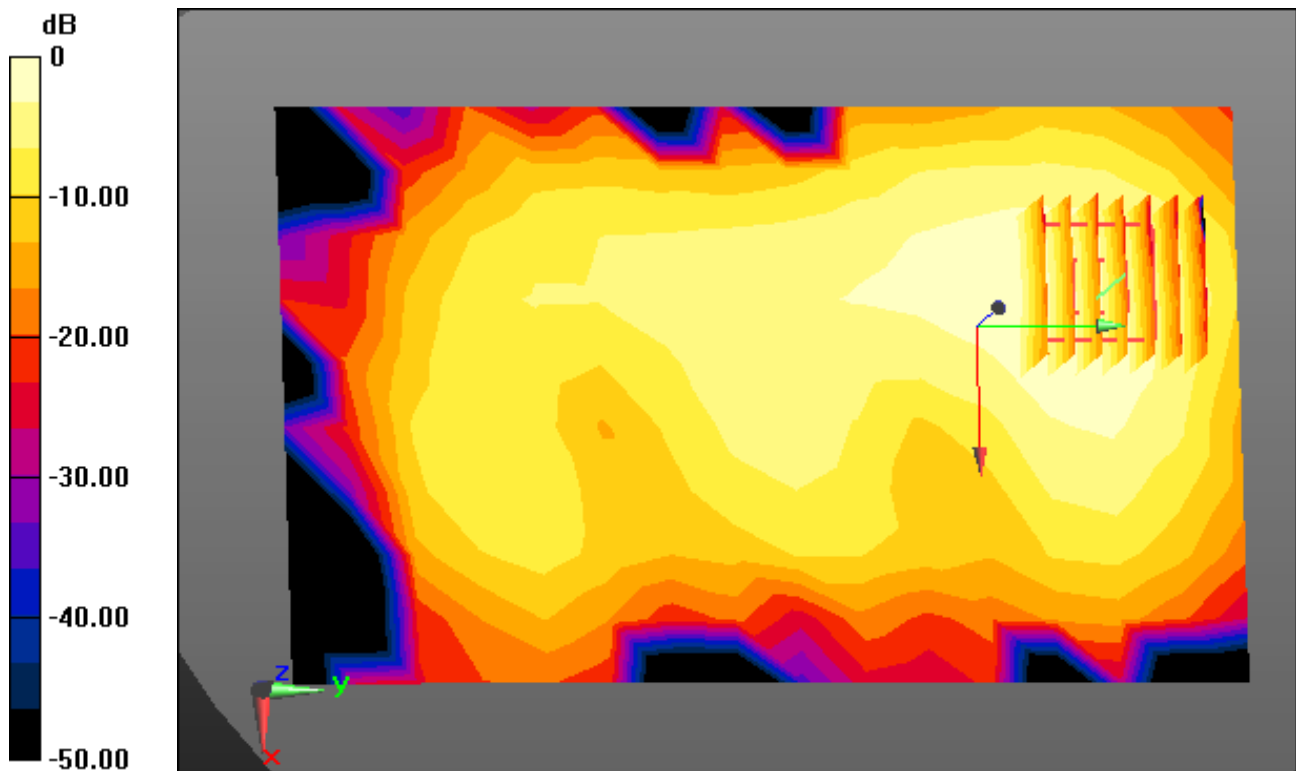
Area Scan (10x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.160 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 53.158$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.59, 7.59, 7.59); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt) 2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-05-25; Ambient Temp: 21.9; Tissue Temp: 21.6

1 cm space from Body, Rear, 2.4 GHz W-LAN(802.11b) Ch. 1, Ant Internal

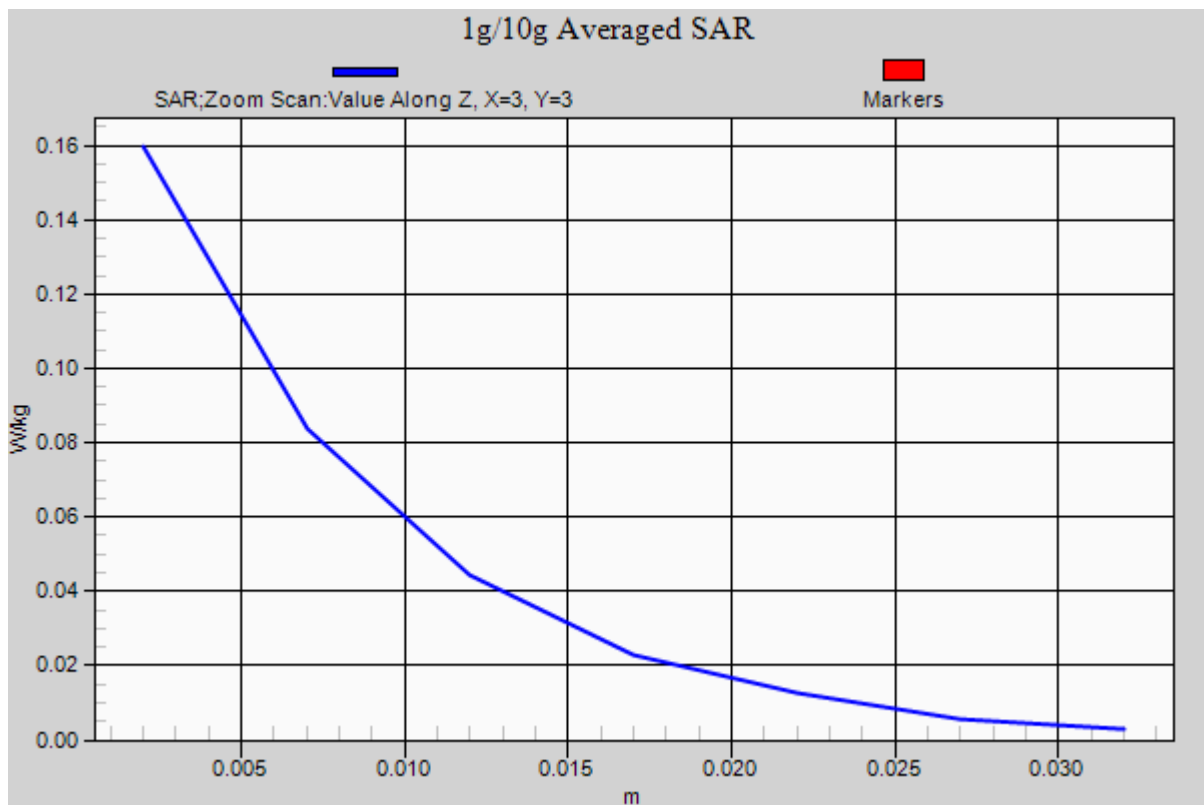
Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.062 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 5.453 \text{ S/m}$; $\epsilon_r = 47.975$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.49, 4.49, 4.49); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.7

1 cm space from Body, Rear, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal

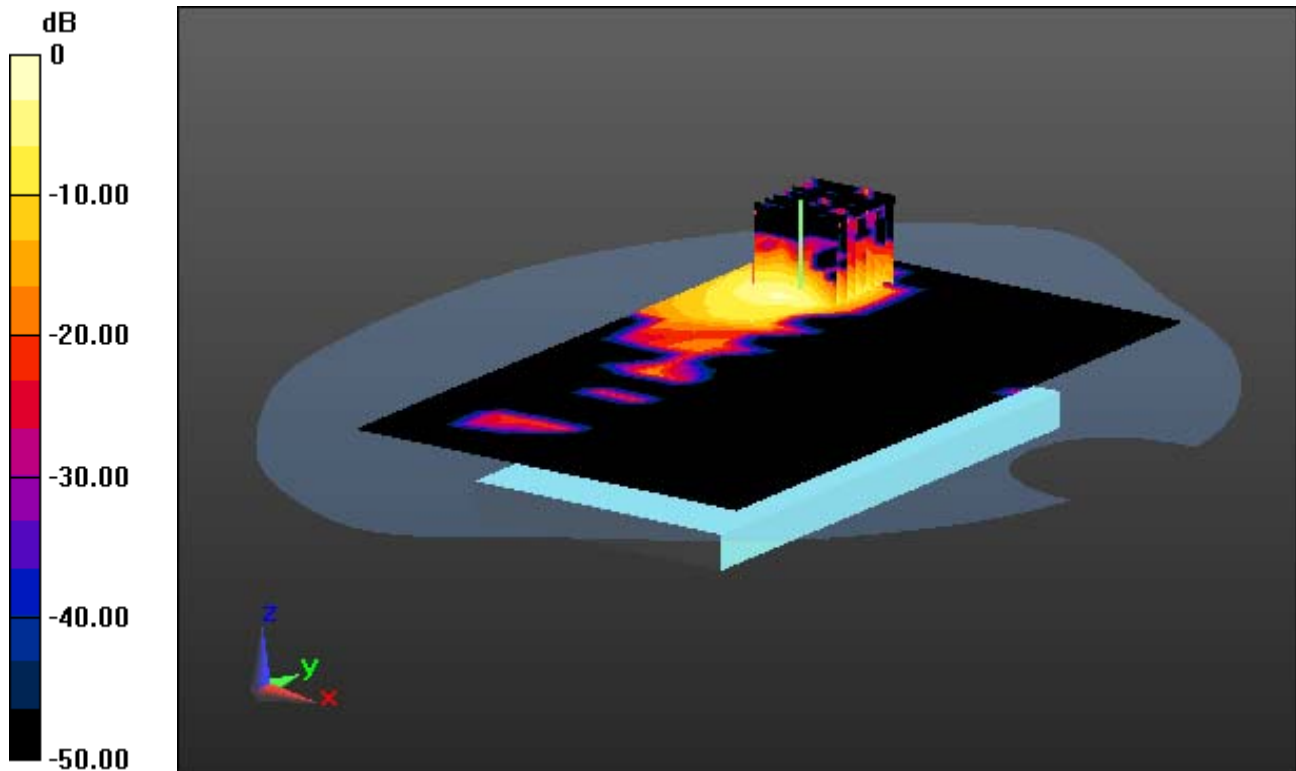
Area Scan (12x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.075 W/kg



0 dB = 0.459 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.453$ S/m; $\epsilon_r = 47.975$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.49, 4.49, 4.49); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.7

1 cm space from Body, Rear, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal

With Enlarge Plot image

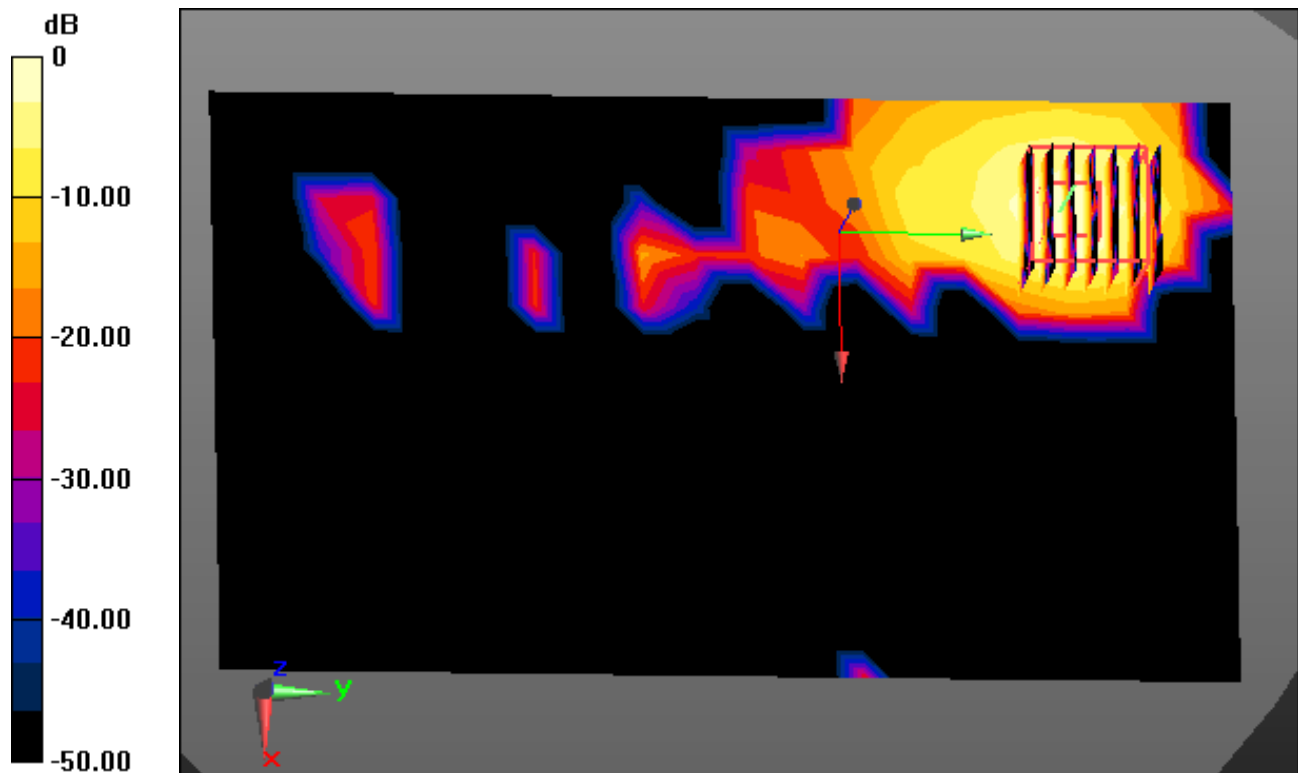
Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.075 W/kg



0 dB = 0.459 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.453$ S/m; $\epsilon_r = 47.975$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.49, 4.49, 4.49); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-05; Ambient Temp: 22.1; Tissue Temp: 21.7

1 cm space from Body, Rear, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal

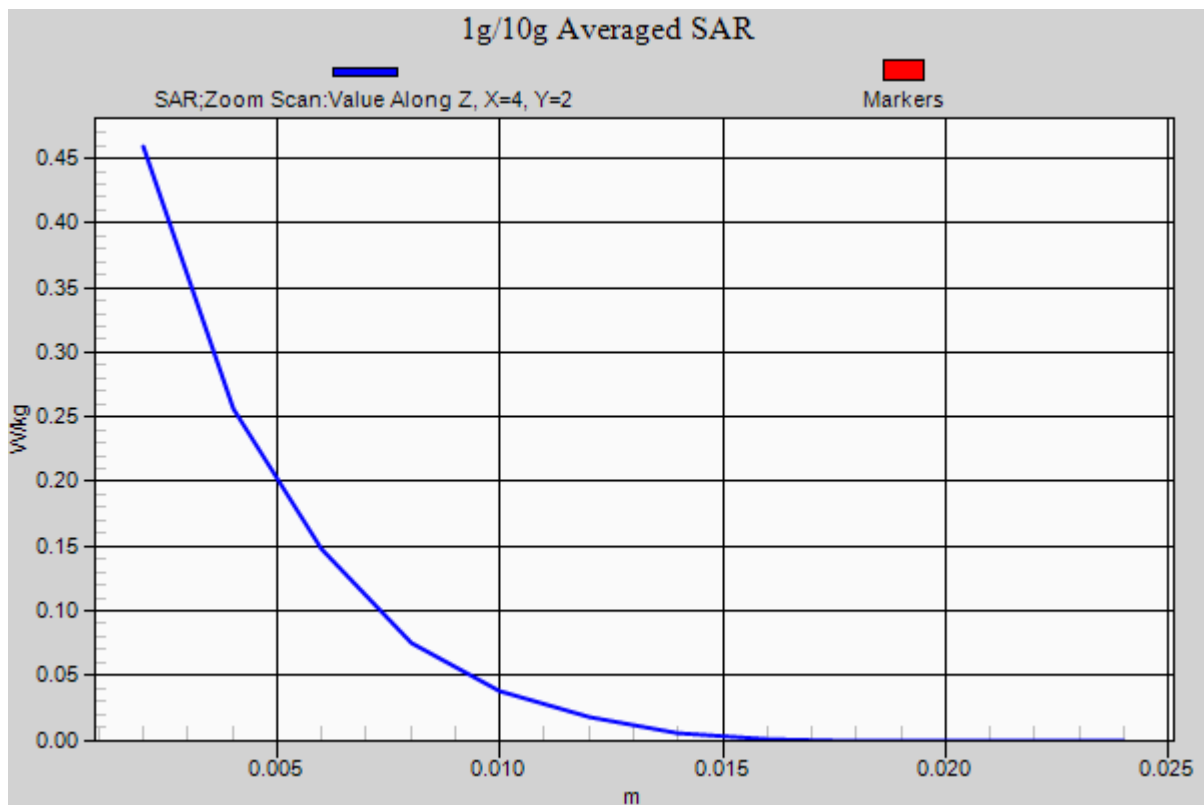
Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.075 W/kg



DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5670 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5670 \text{ MHz}$; $\sigma = 5.88 \text{ S/m}$; $\epsilon_r = 46.761$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.8, 3.8, 3.8); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.8

1 cm space from Body, Rear, W-LAN(802.11n HT40) Ch. 134, Ant Internal

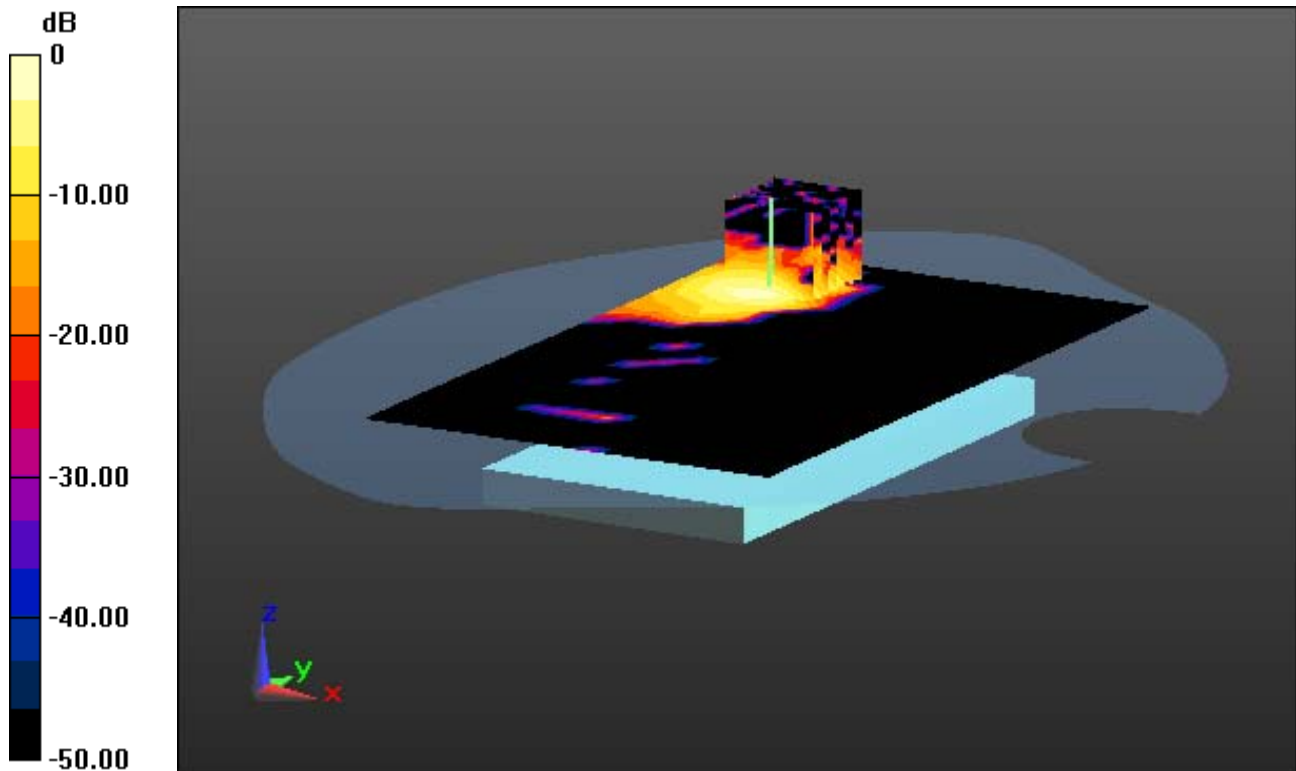
Area Scan (12x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.058 W/kg



0 dB = 0.379 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5670 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5670 \text{ MHz}$; $\sigma = 5.88 \text{ S/m}$; $\epsilon_r = 46.761$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.8, 3.8, 3.8); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.8

1 cm space from Body, Rear, W-LAN(802.11n HT40) Ch. 134, Ant Internal

With Enlarge Plot image

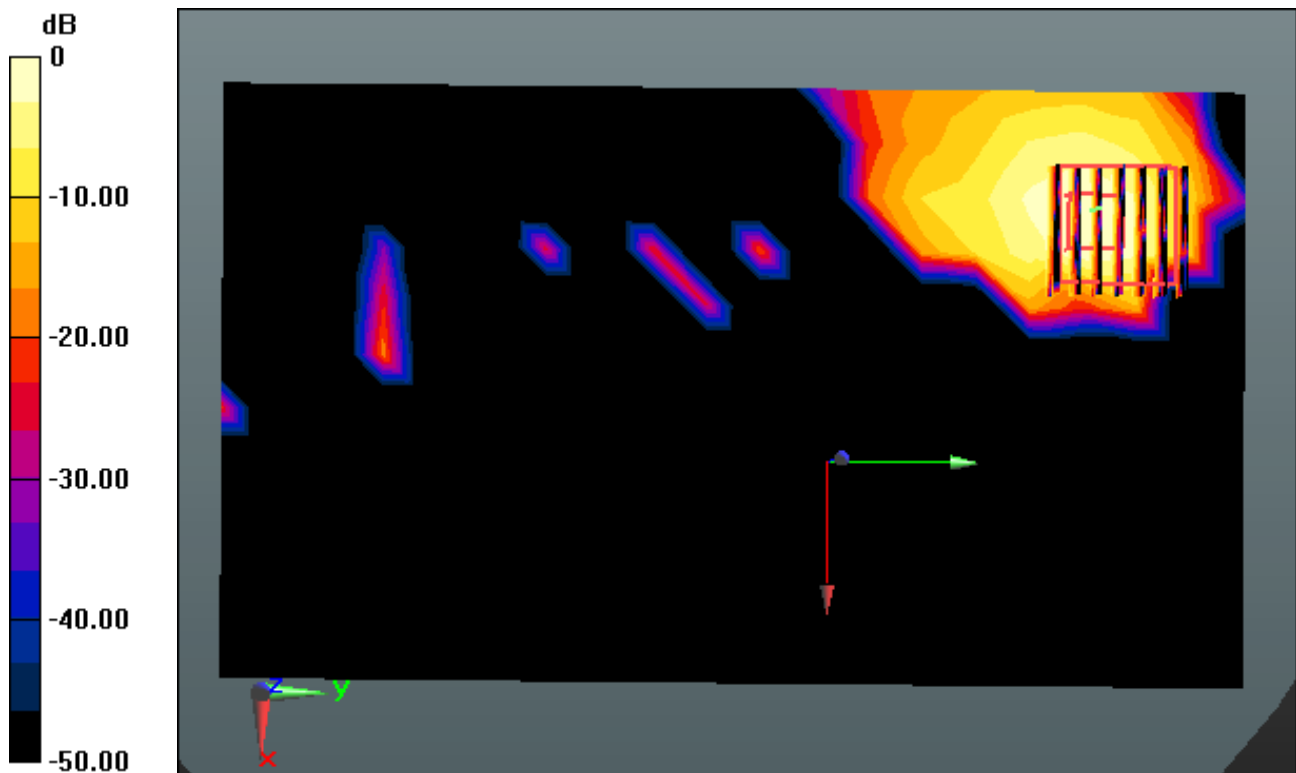
Area Scan (12x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.058 W/kg



0 dB = 0.379 W/kg

DT&C Co., Ltd.

DUT: EA34; Type: Bar

Communication System: W-LAN_5 GHz(FCC) (0); Frequency: 5670 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5670$ MHz; $\sigma = 5.88$ S/m; $\epsilon_r = 46.761$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(3.8, 3.8, 3.8); Calibrated: 9/27/2016; Electronics: DAE4 Sn1453

Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2017-06-01; Ambient Temp: 21.9; Tissue Temp: 21.8

1 cm space from Body, Rear, W-LAN(802.11n HT40) Ch. 134, Ant Internal

Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.058 W/kg

