

SAR Plots

- Verification Plots
- SAR Test Plots

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: $f = 750 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.282$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(10.18, 10.18, 10.18); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-03; Ambient Temp: 21.8; Tissue Temp: 22.5

750 MHz System Verification

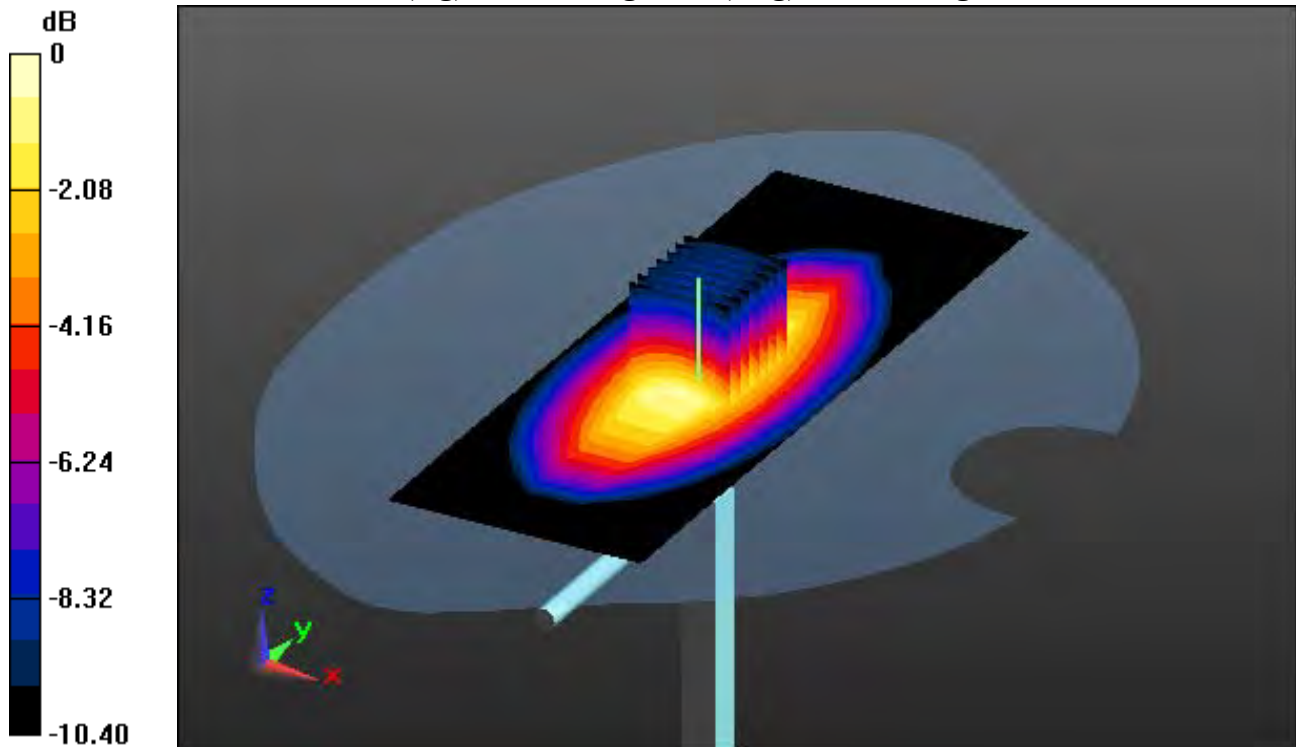
Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg



0 dB = 2.81 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; $\sigma = 0.91$ S/m; $\epsilon_r = 42.282$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(10.18, 10.18, 10.18); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-03; Ambient Temp: 21.8; Tissue Temp: 22.5

750 MHz System Verification

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

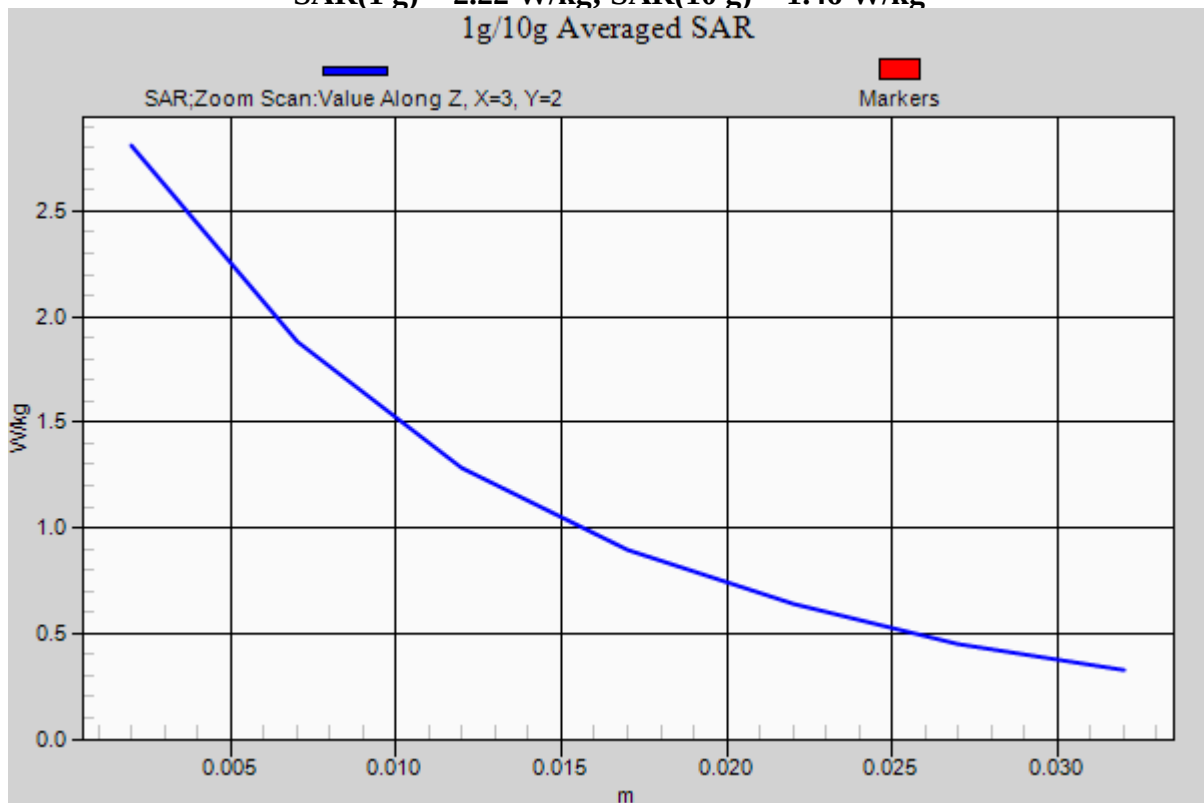
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg

1g/10g Averaged SAR



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; $\sigma = 0.969$ S/m; $\epsilon_r = 55.428$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.67, 9.67, 9.67); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-04; Ambient Temp: 21.6; Tissue Temp: 22.0

750 MHz System Verification

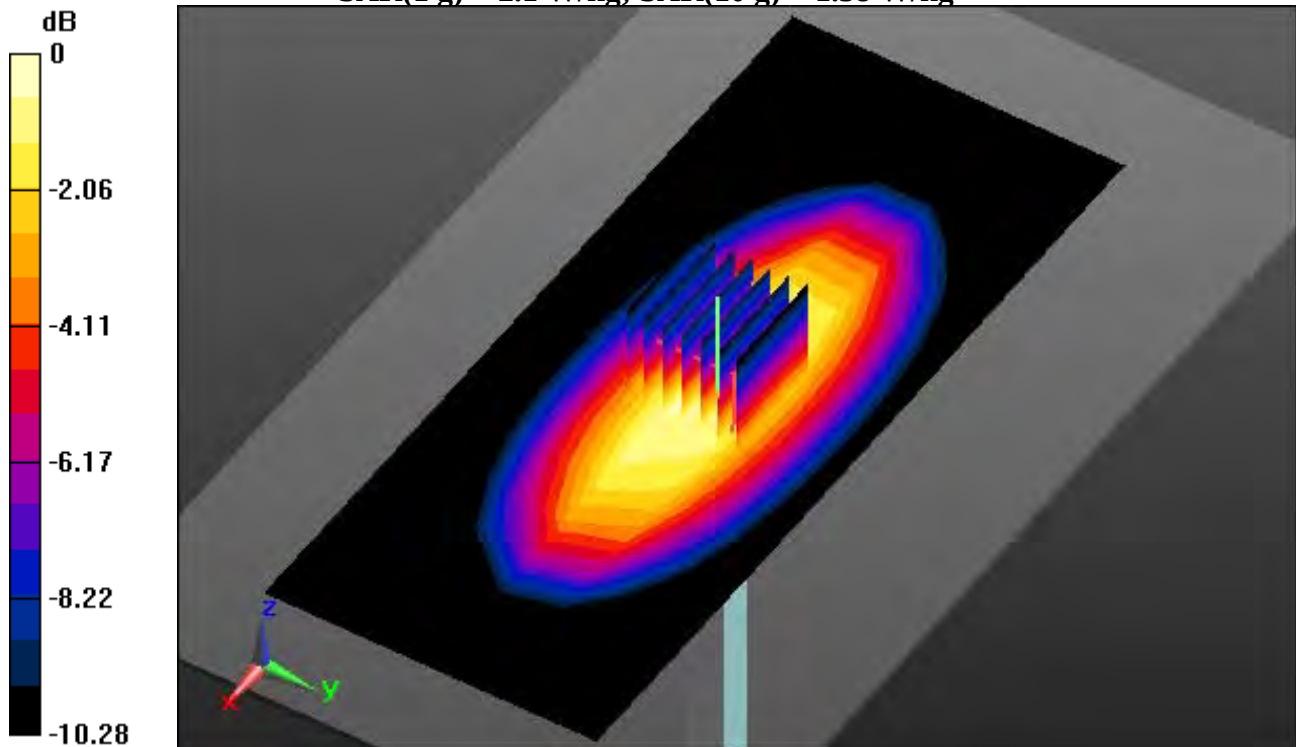
Area Scan (16x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.38 W/kg



0 dB = 2.56 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; $\sigma = 0.969$ S/m; $\epsilon_r = 55.428$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.67, 9.67, 9.67); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-04; Ambient Temp: 21.6; Tissue Temp: 22.0

750 MHz System Verification

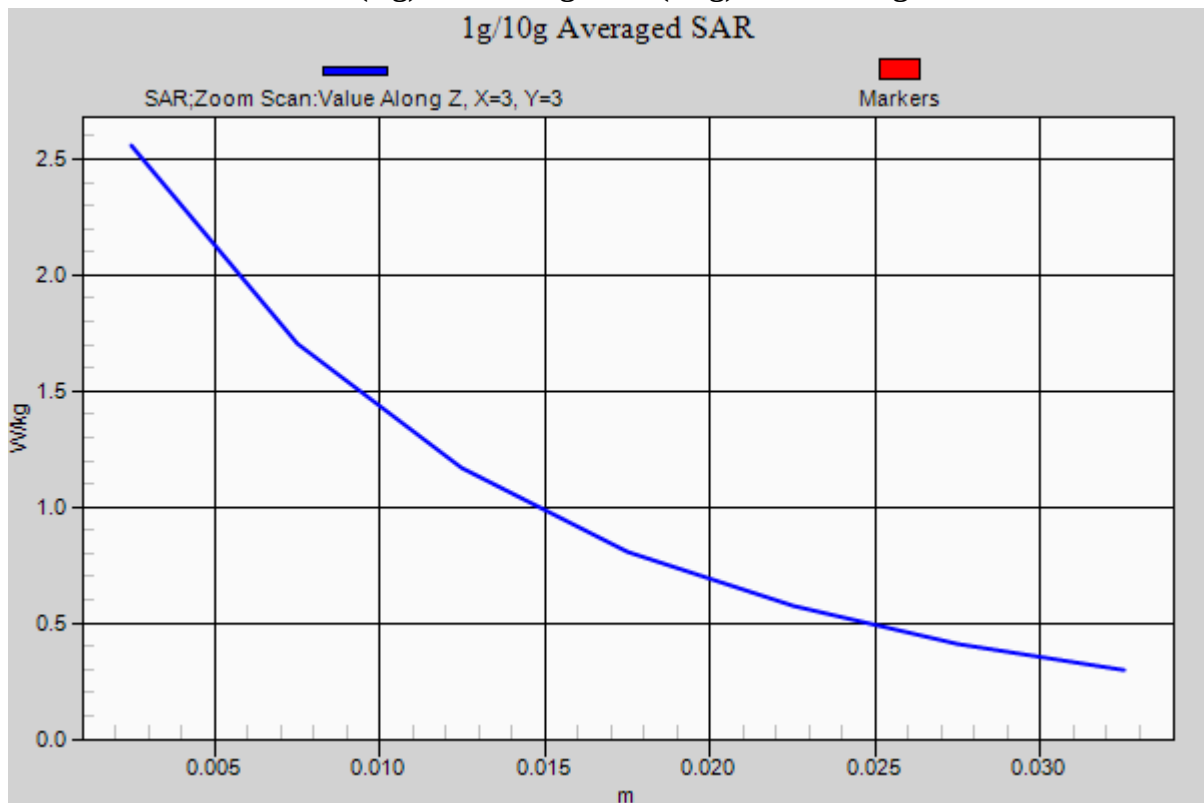
Area Scan (16x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.38 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: $f = 835 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 40.239$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.0

835 MHz System Verification

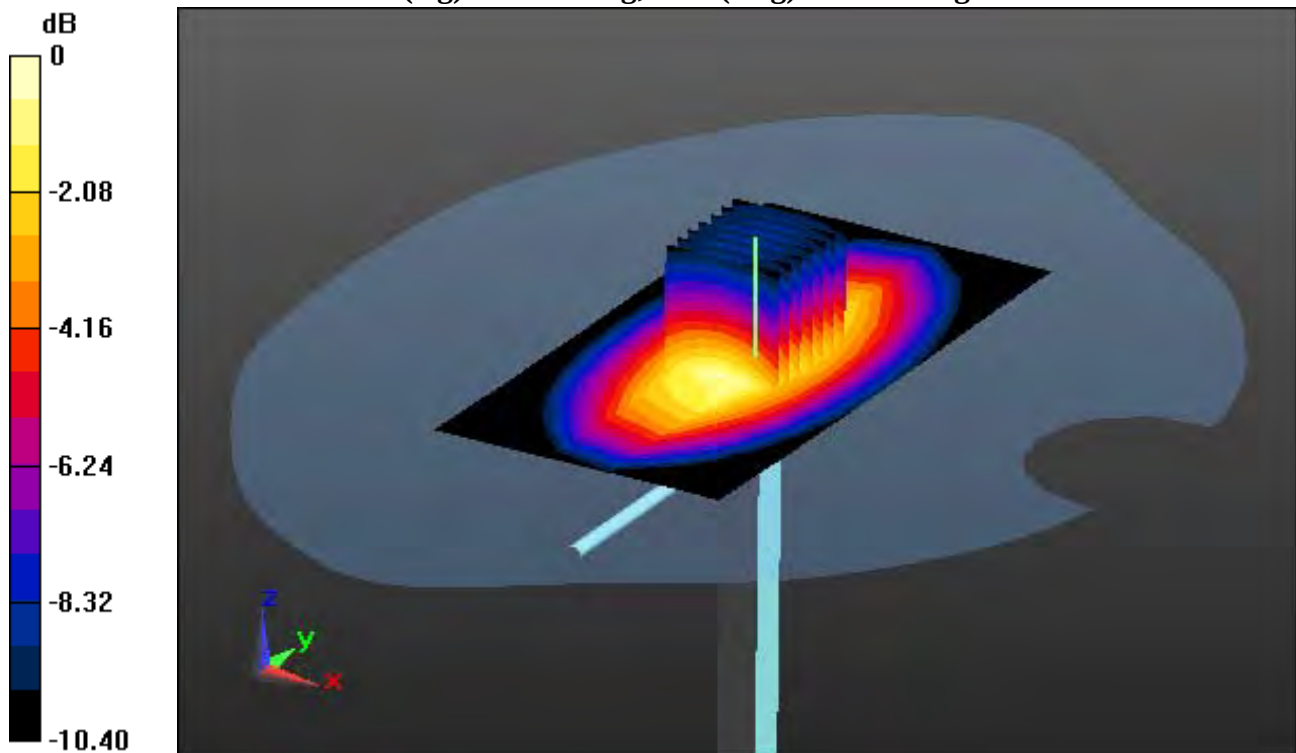
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.61 W/kg



0 dB = 2.99 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; $\sigma = 0.935$ S/m; $\epsilon_r = 40.239$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.0

835 MHz System Verification

Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

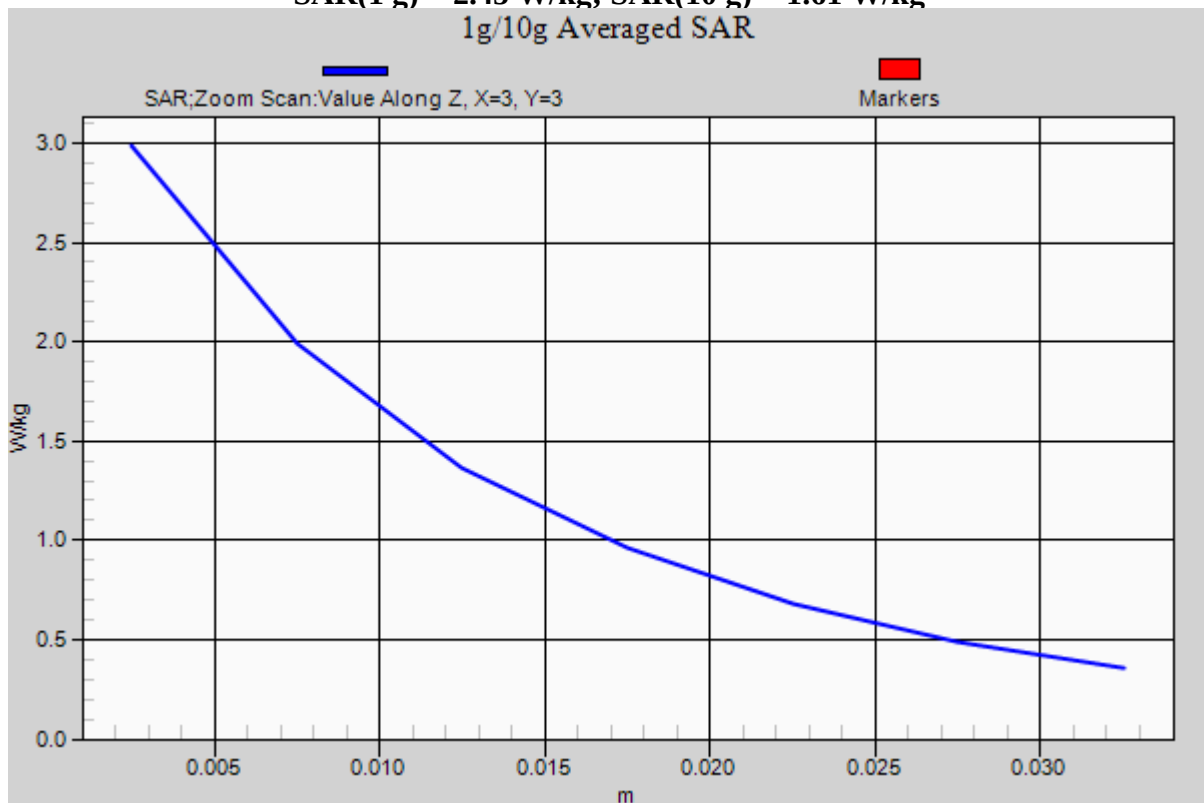
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.61 W/kg

1g/10g Averaged SAR



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: $f = 835 \text{ MHz}$; $\sigma = 1.003 \text{ S/m}$; $\epsilon_r = 53.437$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.3

835 MHz System Verification

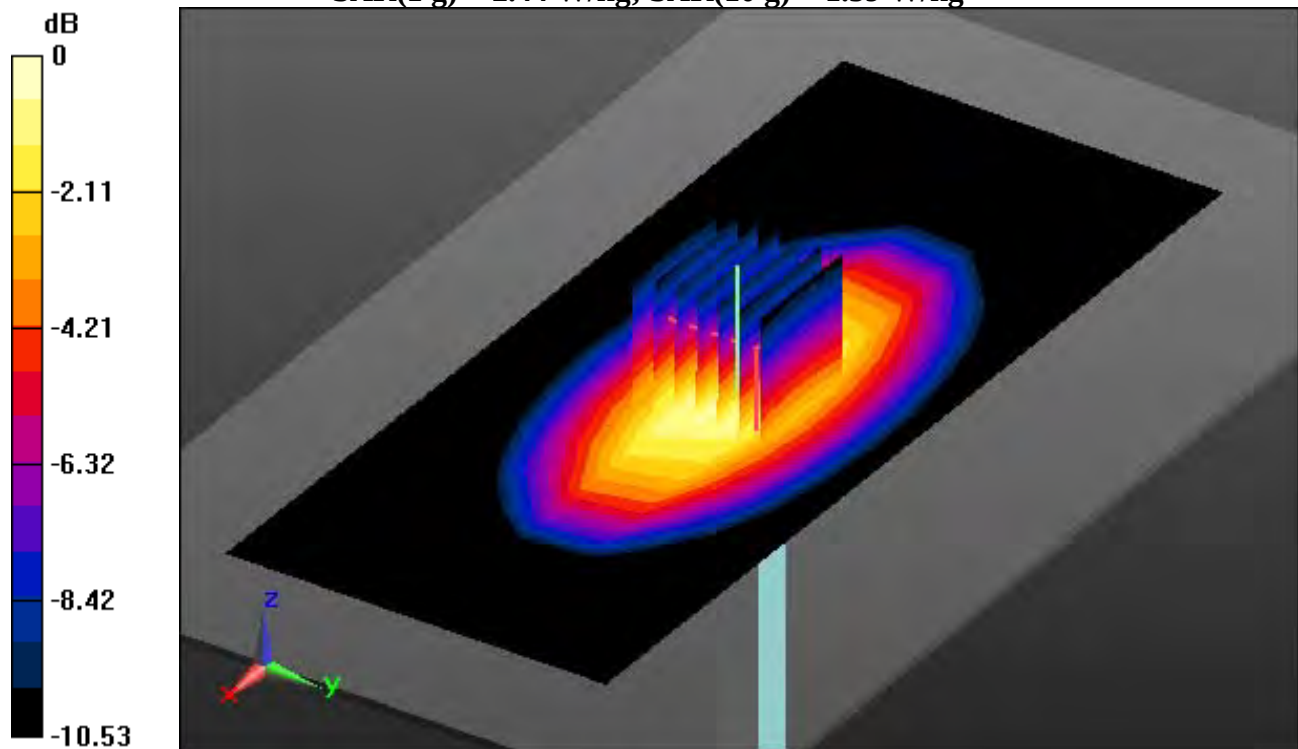
Area Scan (16x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.59 W/kg



0 dB = 2.98 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; $\sigma = 1.003$ S/m; $\epsilon_r = 53.437$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.3

835 MHz System Verification

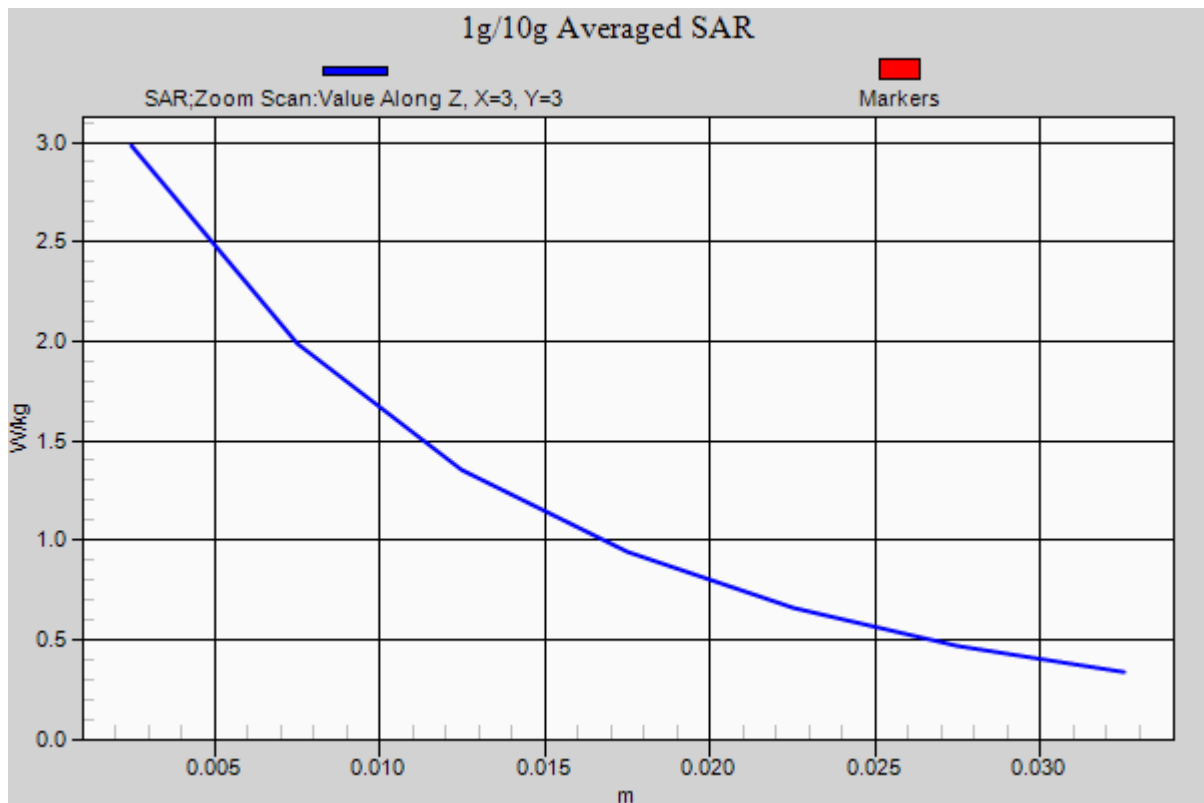
Area Scan (16x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.59 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; $\sigma = 0.912$ S/m; $\epsilon_r = 41.774$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-20; Ambient Temp: 21.8; Tissue Temp: 22.2

835 MHz System Verification

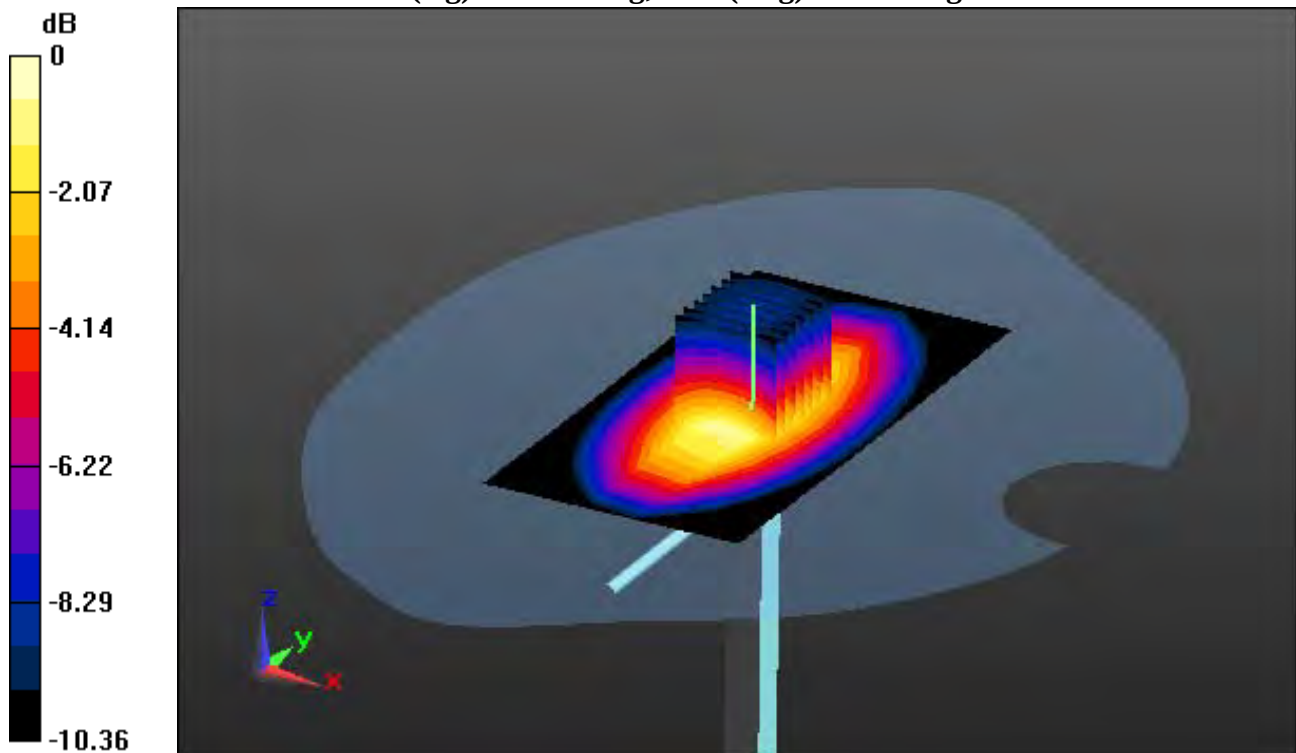
Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.6 W/kg



0 dB = 2.98 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: $f = 835 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 41.774$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-20; Ambient Temp: 21.8; Tissue Temp: 22.2

835 MHz System Verification

Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

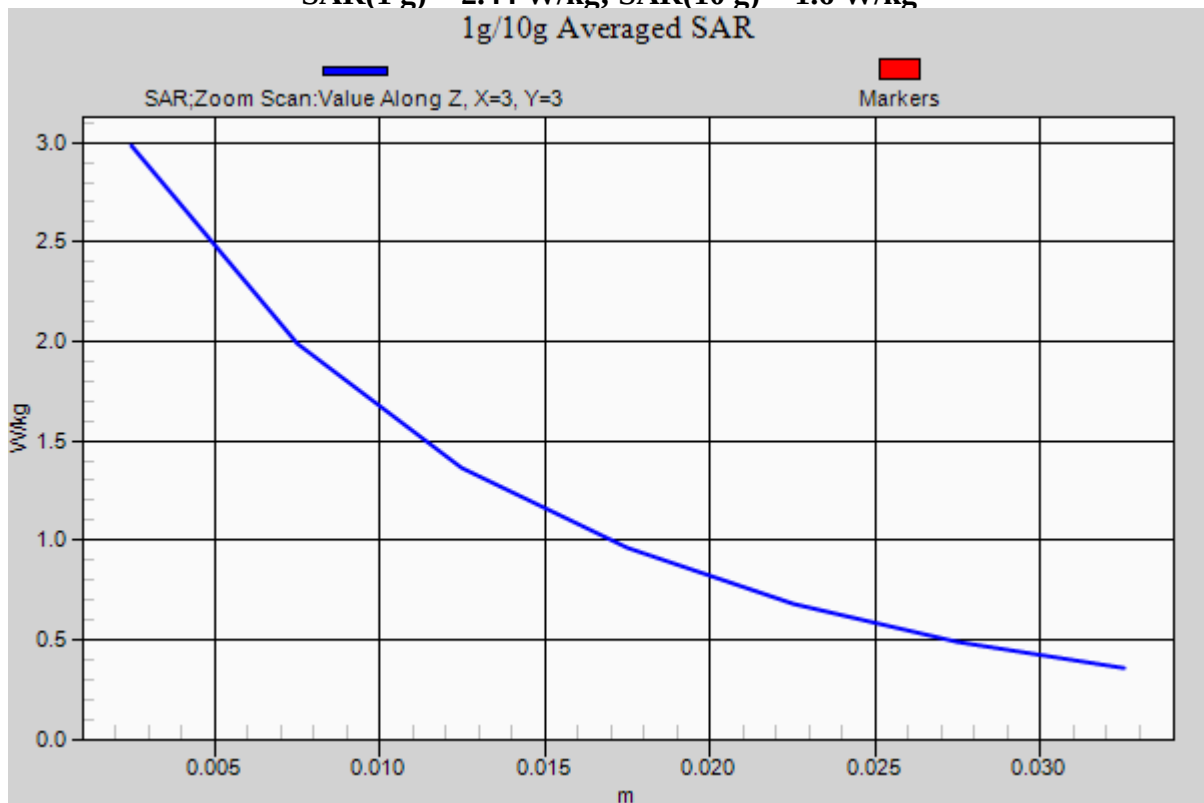
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.6 W/kg

1g/10g Averaged SAR



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: $f = 835 \text{ MHz}$; $\sigma = 1.007 \text{ S/m}$; $\epsilon_r = 53.62$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-21; Ambient Temp: 21.9; Tissue Temp: 22.4

835 MHz System Verification

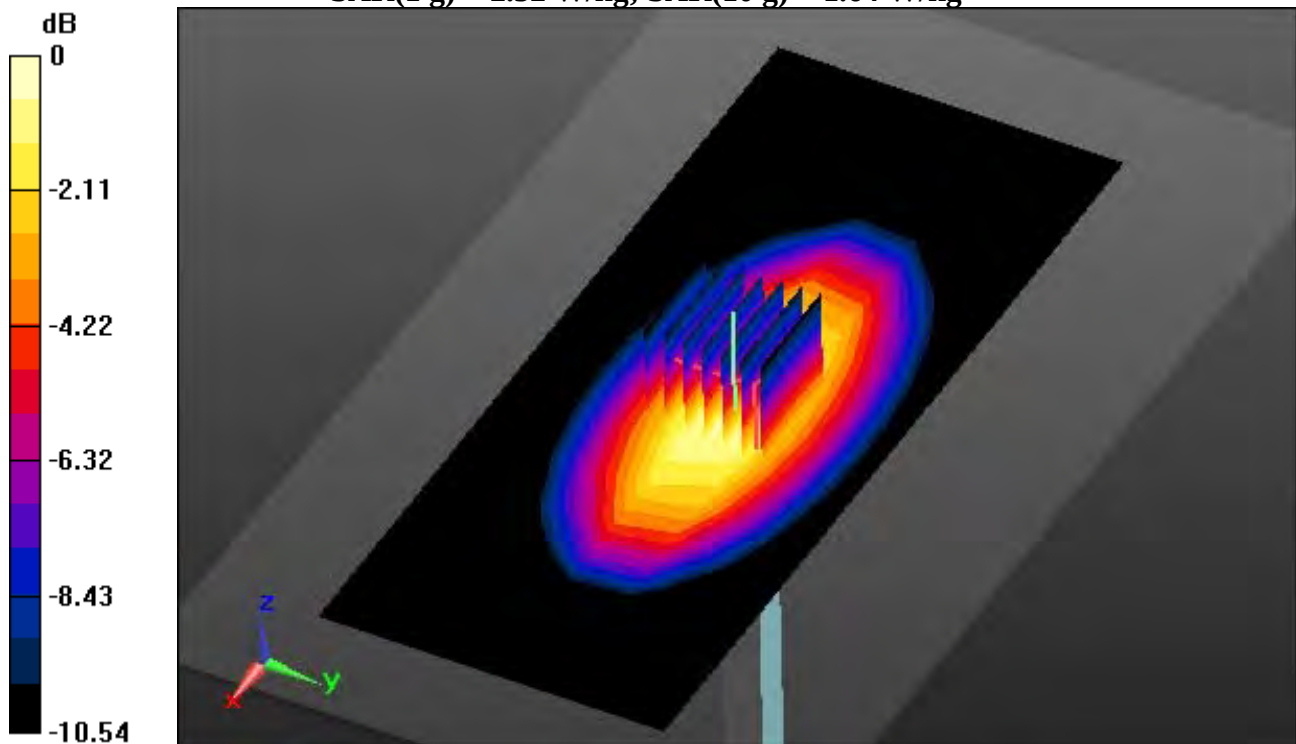
Area Scan (16x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.78 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.64 W/kg



0 dB = 3.08 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; $\sigma = 1.007$ S/m; $\epsilon_r = 53.62$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-21; Ambient Temp: 21.9; Tissue Temp: 22.4

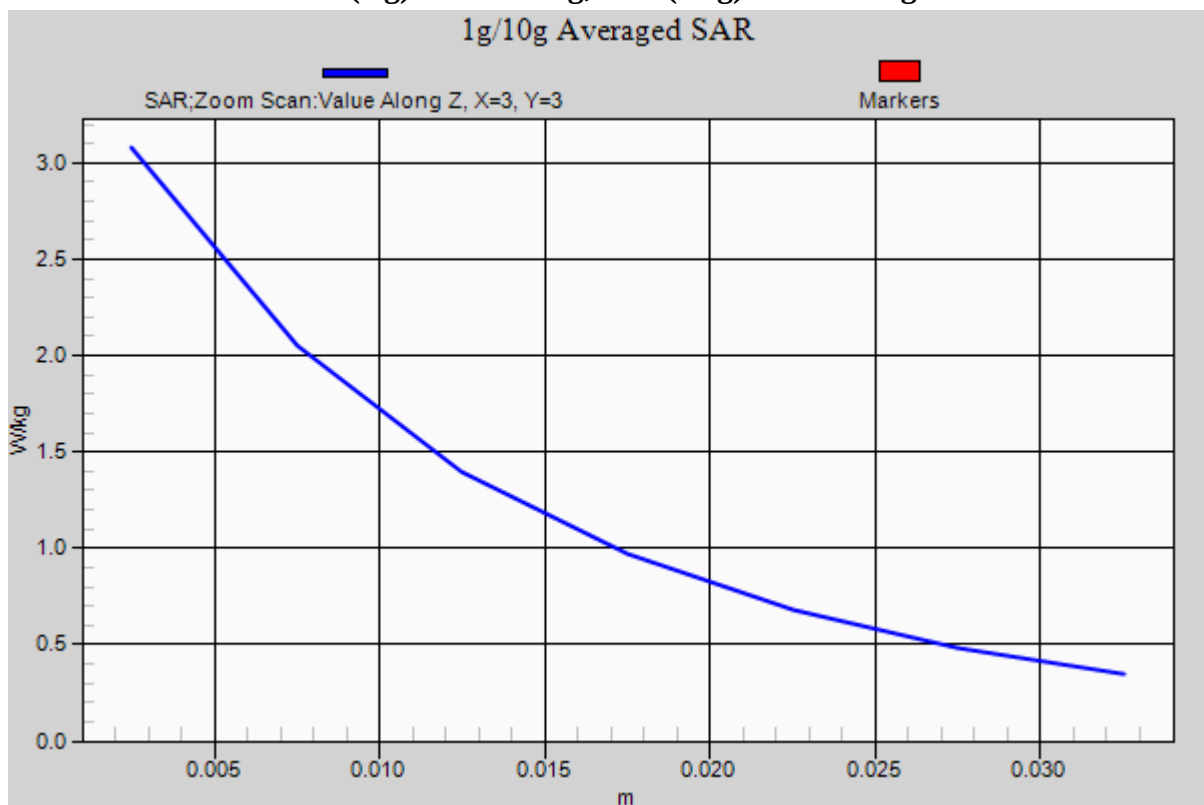
835 MHz System Verification

Area Scan (16x7x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Drift = -0.01 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.64 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: $f = 835 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 41.777$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-26; Ambient Temp: 21.9; Tissue Temp: 22.3

835 MHz System Verification

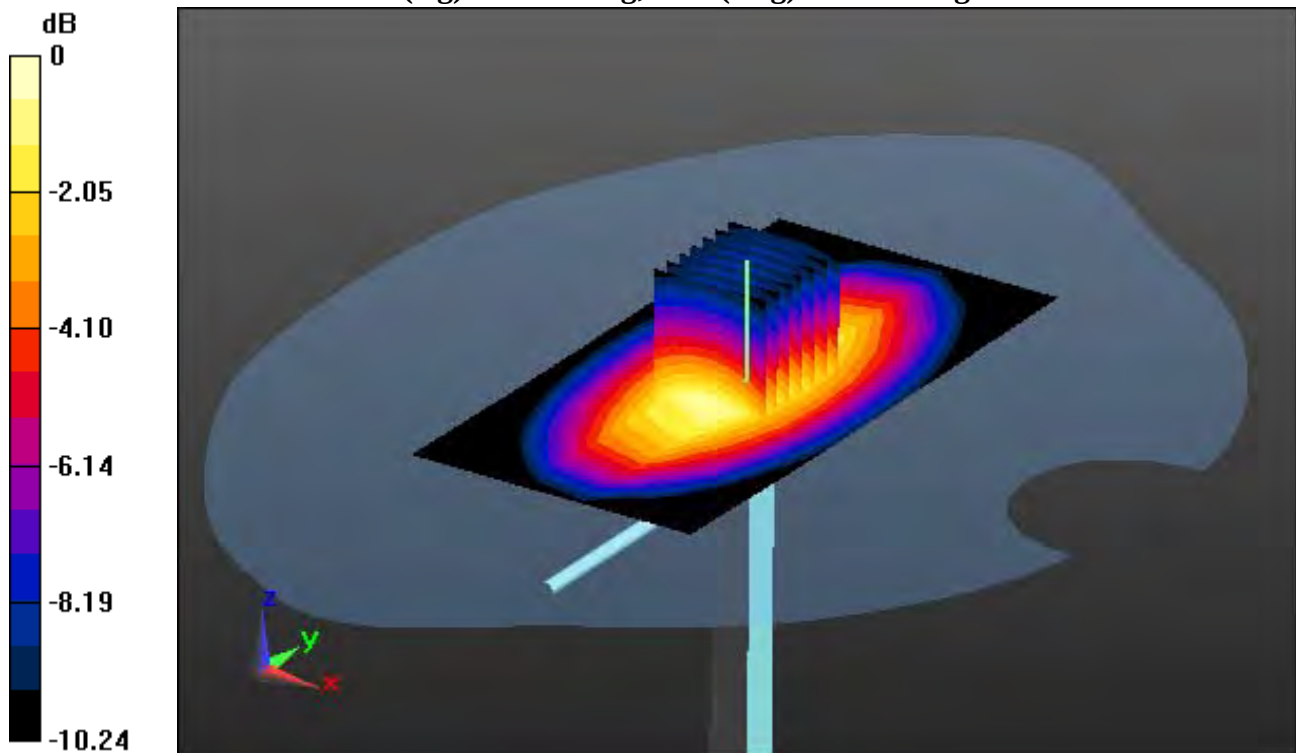
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.71 W/kg

SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.61 W/kg



0 dB = 2.64 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: $f = 835 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 41.777$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-26; Ambient Temp: 21.9; Tissue Temp: 22.3

835 MHz System Verification

Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

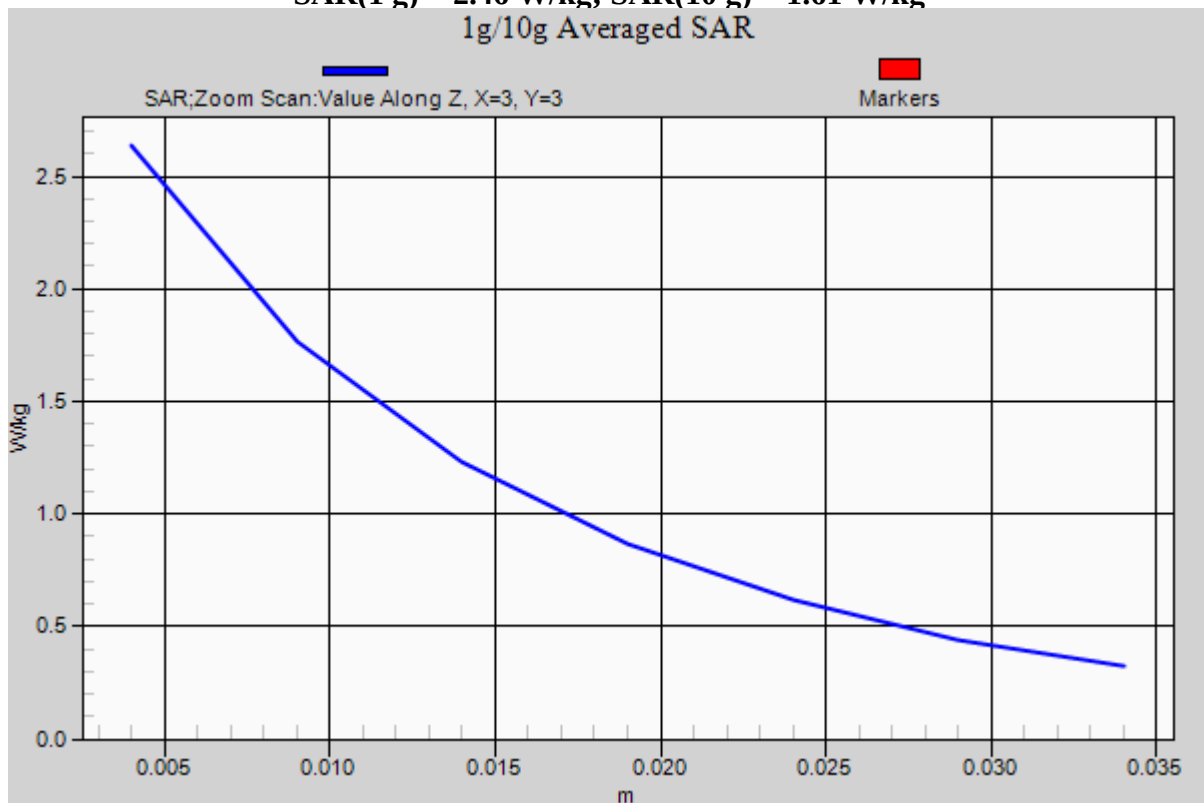
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.61 W/kg

1g/10g Averaged SAR



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: $f = 835 \text{ MHz}$; $\sigma = 1.004 \text{ S/m}$; $\epsilon_r = 53.461$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-27; Ambient Temp: 21.8; Tissue Temp: 22.3

835 MHz System Verification

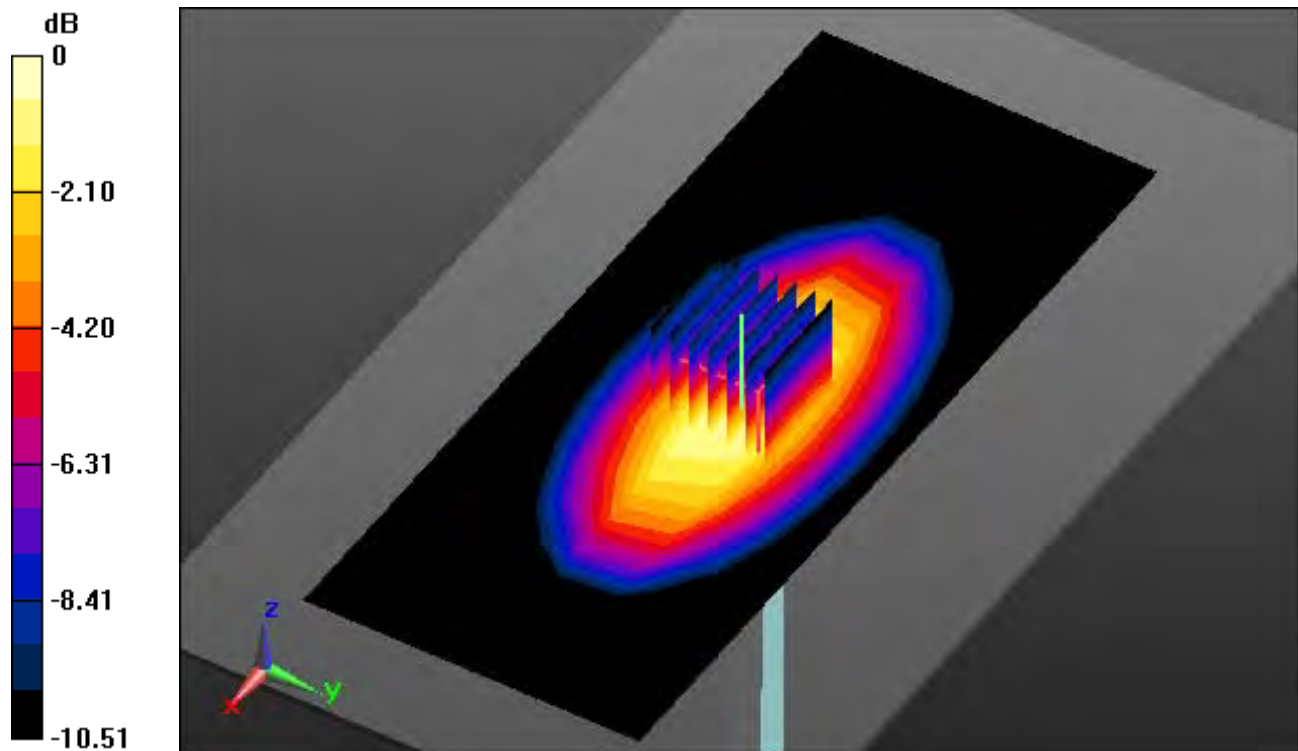
Area Scan (16x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.59 W/kg



0 dB = 2.98 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; $\sigma = 1.004$ S/m; $\epsilon_r = 53.461$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-27; Ambient Temp: 21.8; Tissue Temp: 22.3

835 MHz System Verification

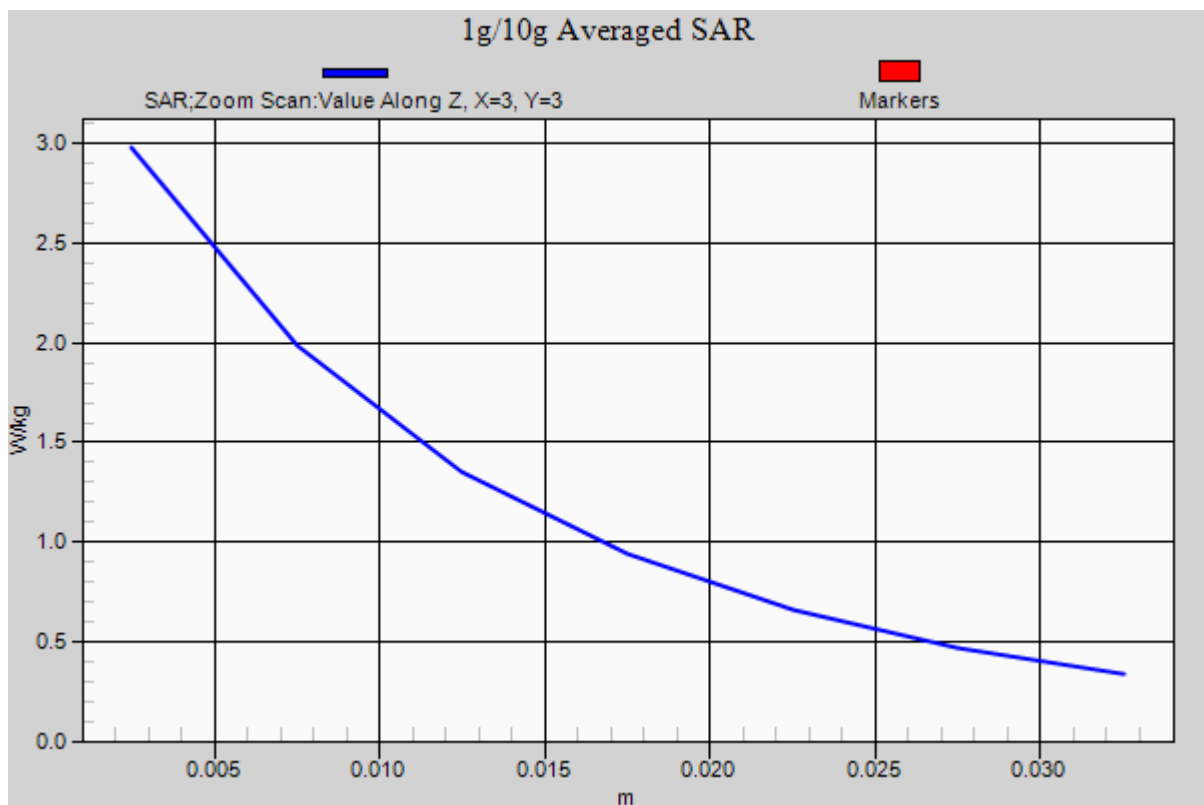
Area Scan (16x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.59 W/kg



DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.434 \text{ S/m}$; $\epsilon_r = 40.49$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.32, 8.32, 8.32); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.7

1800 MHz System Verification

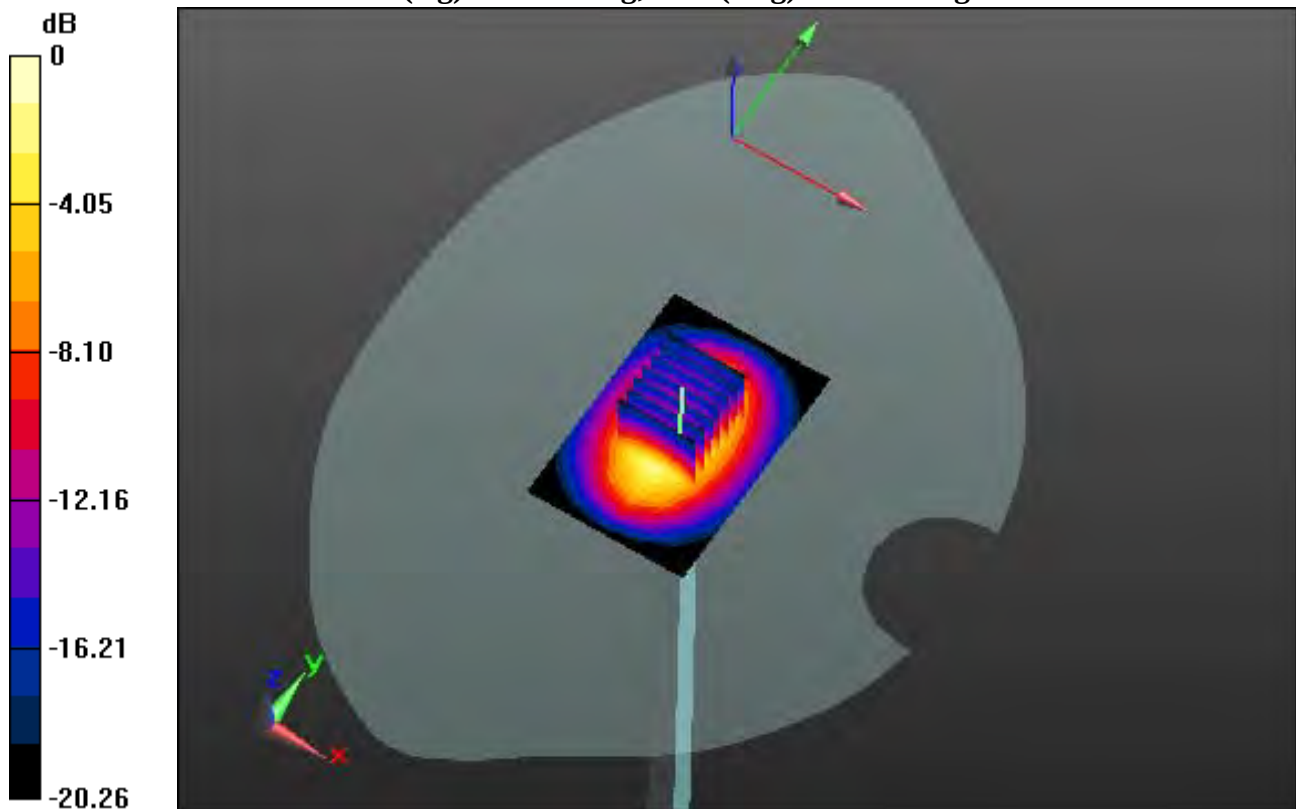
Area Scan (7x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 21.3 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.13 W/kg



0 dB = 14.6 W/kg

DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.434$ S/m; $\epsilon_r = 40.49$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.32, 8.32, 8.32); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.7

1800 MHz System Verification

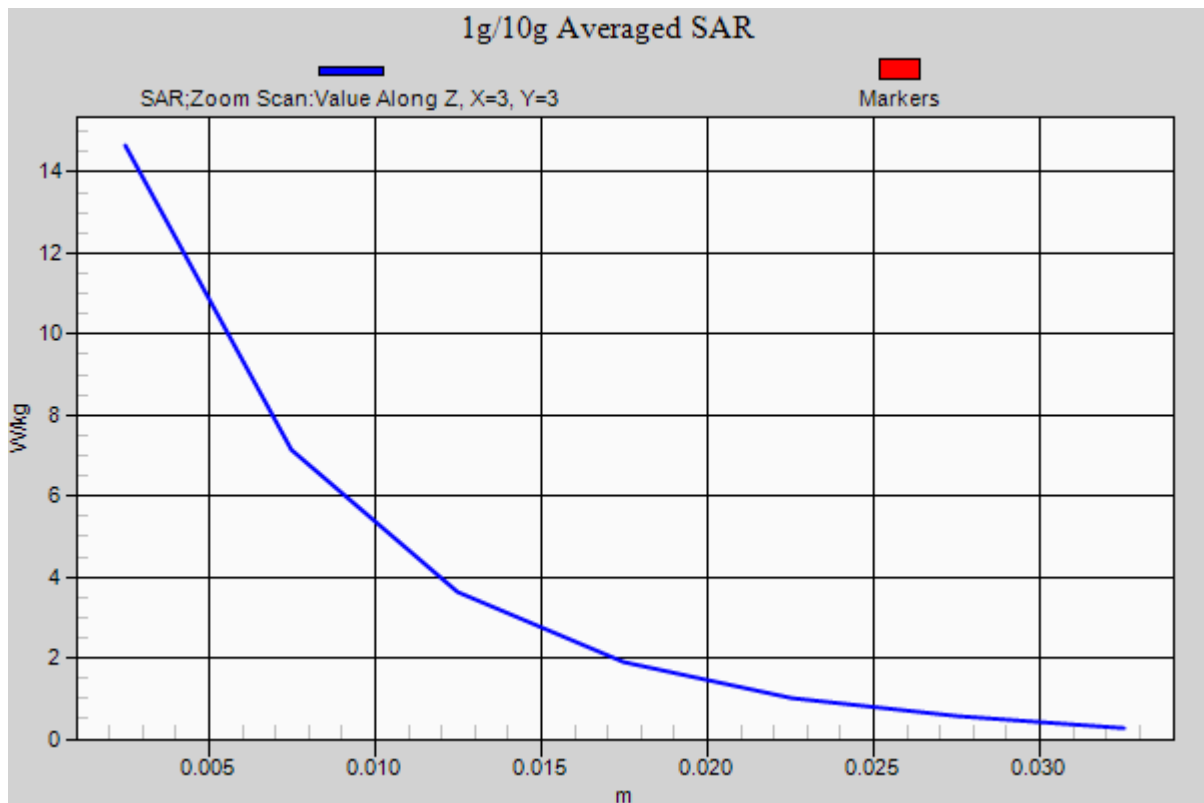
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 21.3 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.13 W/kg



DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.582$ S/m; $\epsilon_r = 52.686$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.16, 8.16, 8.16); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.3

1800 MHz System Verification

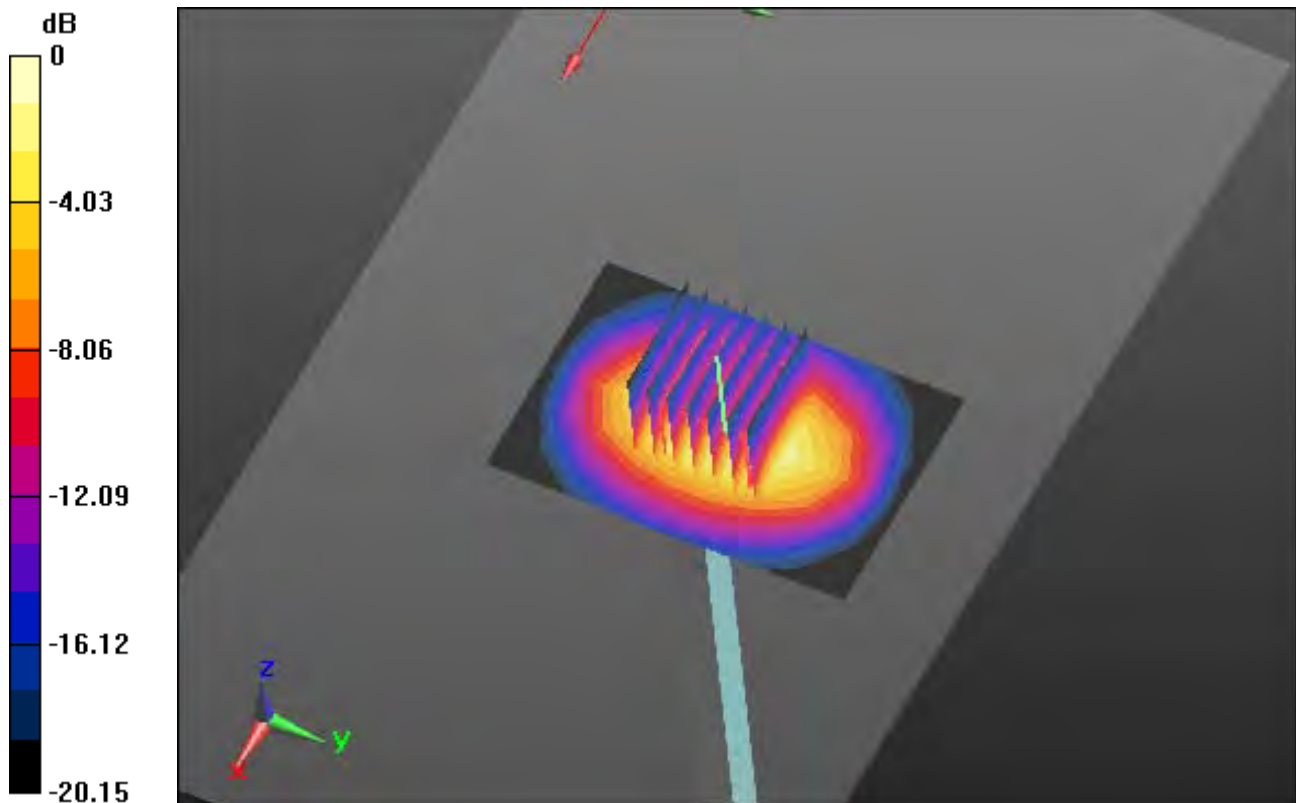
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 20.8 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.3 W/kg



0 dB = 15.1 W/kg

DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.582$ S/m; $\epsilon_r = 52.686$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.16, 8.16, 8.16); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.3

1800 MHz System Verification

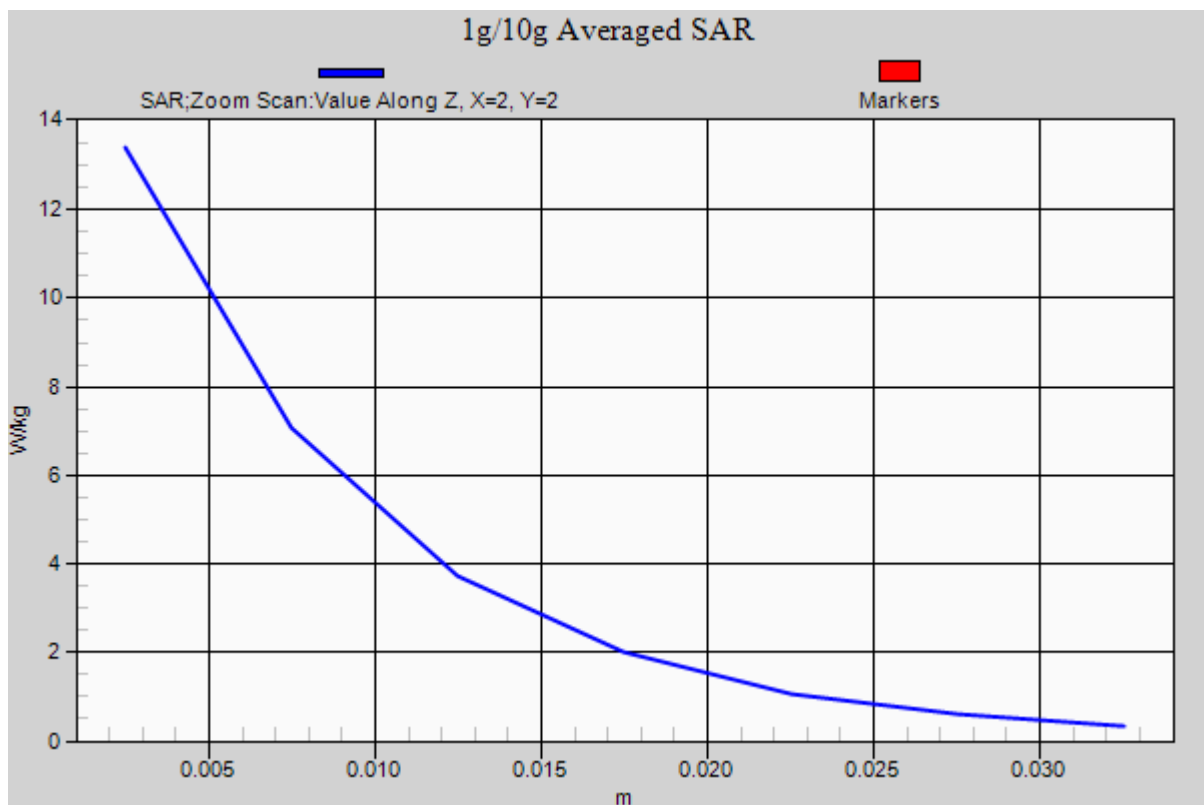
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 20.8 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.3 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: $f = 1900 \text{ MHz}$; $\sigma = 1.405 \text{ S/m}$; $\epsilon_r = 39.782$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

1900 MHz System Verification

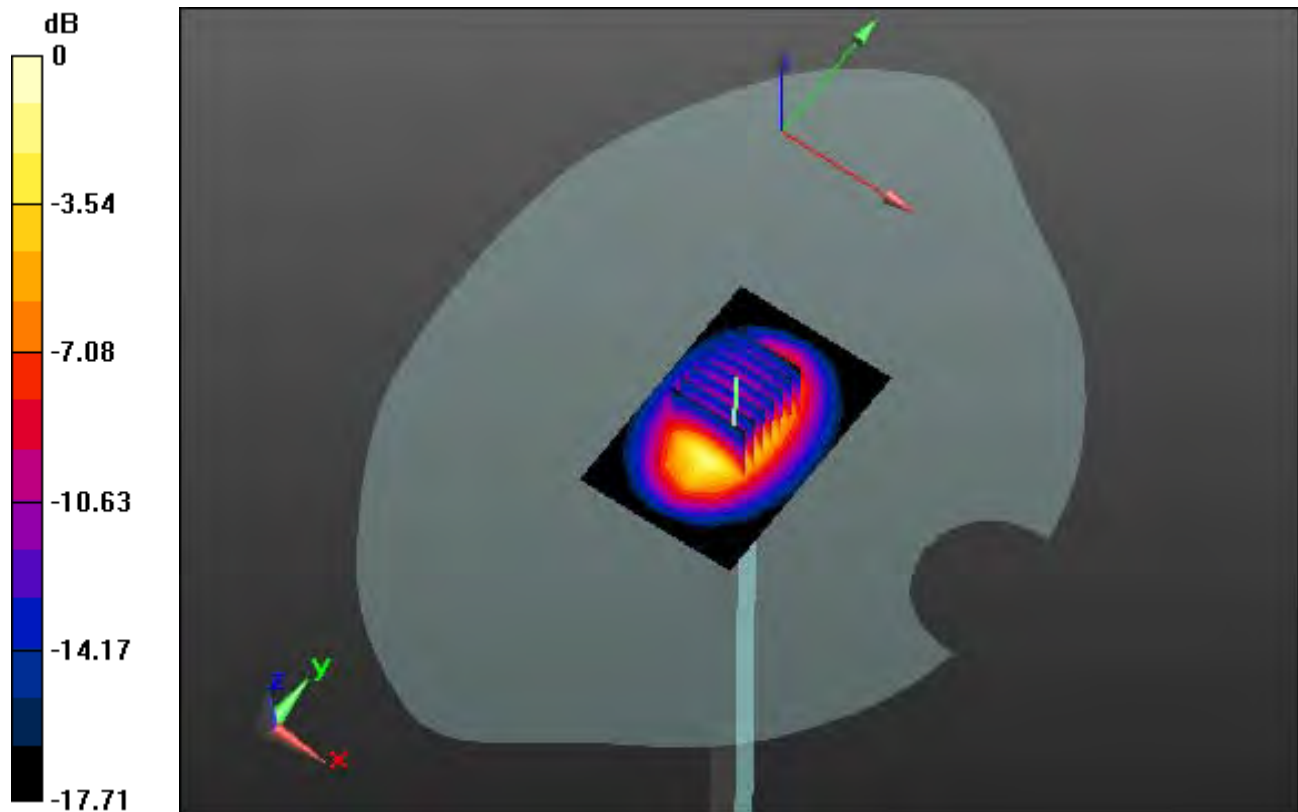
Area Scan (7x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 19.7 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.46 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; $\sigma = 1.405$ S/m; $\epsilon_r = 39.782$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

1900 MHz System Verification

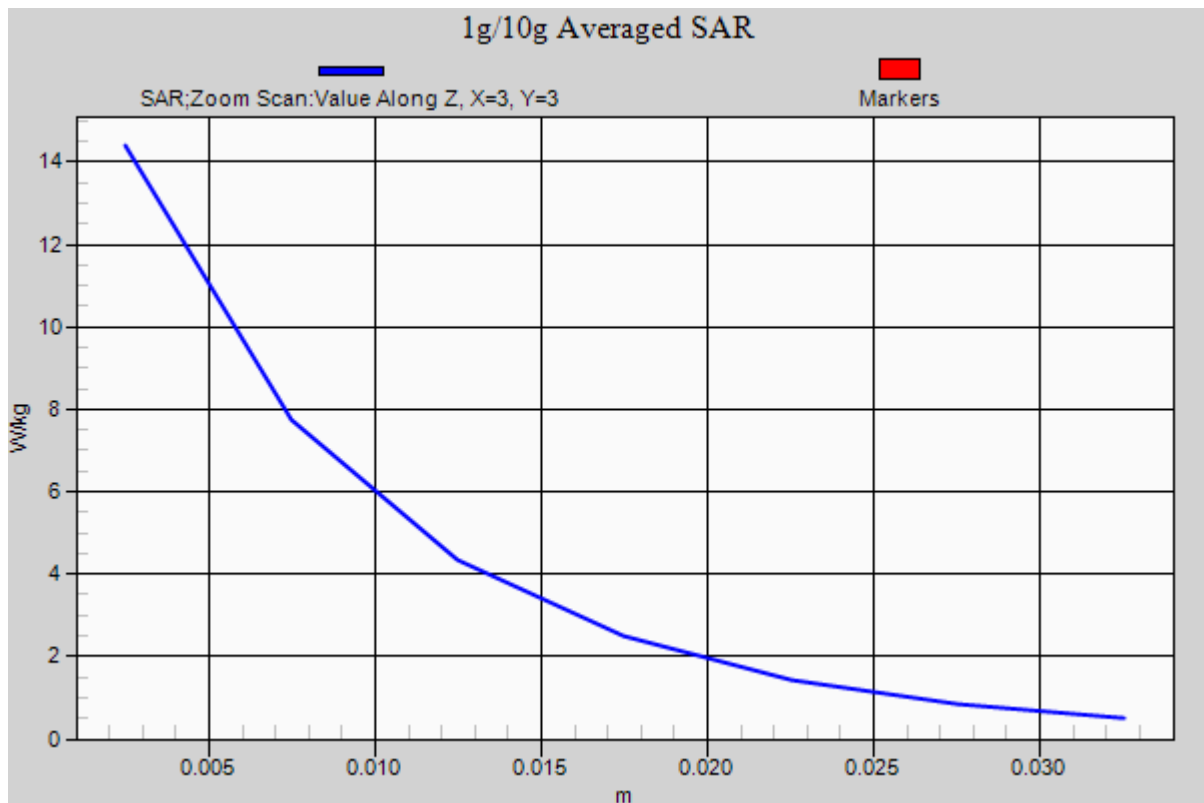
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 19.7 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.46 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; $\sigma = 1.573$ S/m; $\epsilon_r = 52.24$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

1900 MHz System Verification

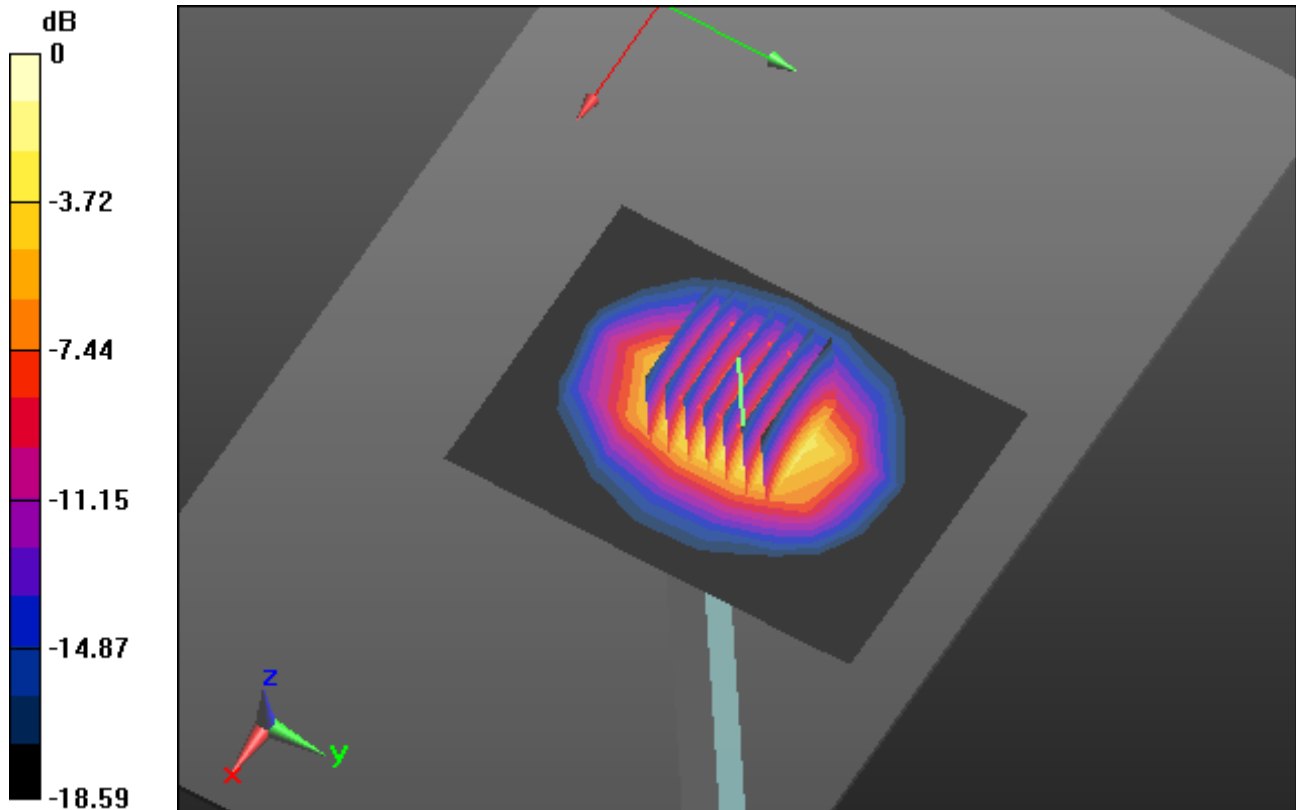
Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.45 W/kg



0 dB = 14.2 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; $\sigma = 1.573$ S/m; $\epsilon_r = 52.24$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

1900 MHz System Verification

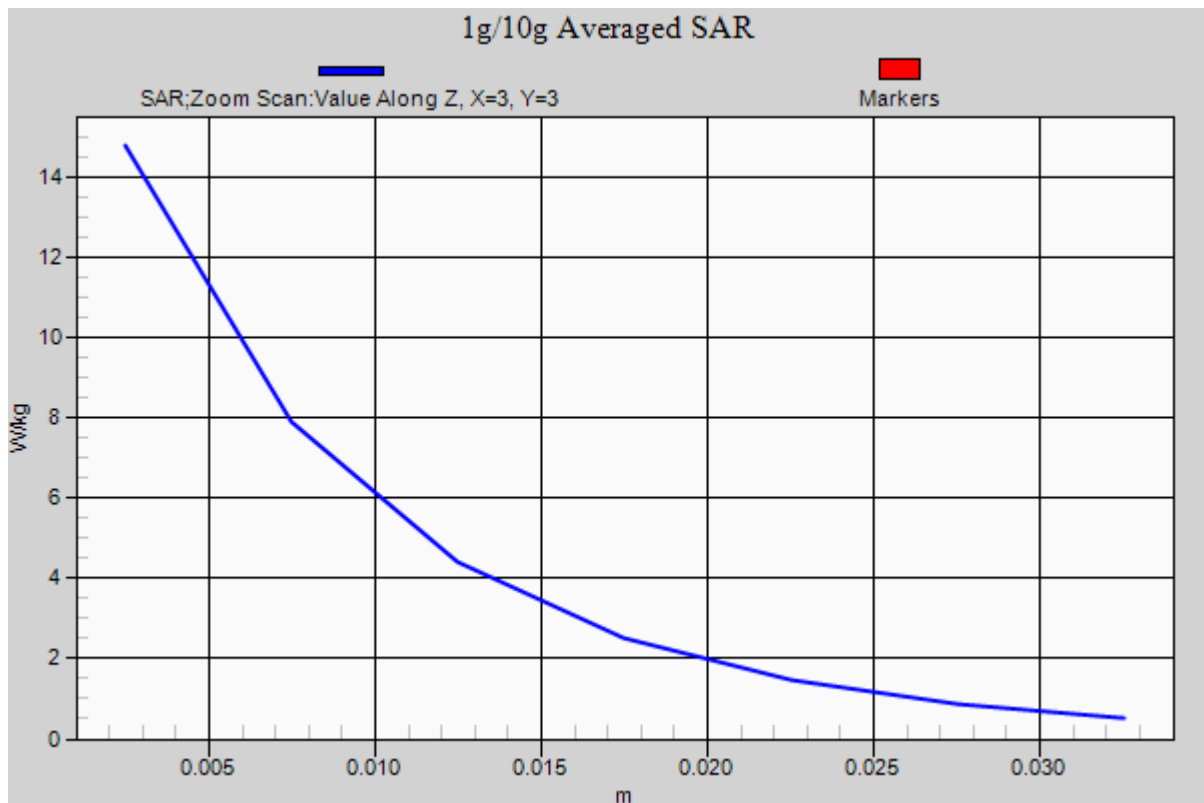
Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.45 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; $\sigma = 1.405$ S/m; $\epsilon_r = 39.861$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.5

1900 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 = 0.02 dB

Peak SAR (extrapolated) = 19.4 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.64 W/kg



0 dB = 14.5 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; $\sigma = 1.405$ S/m; $\epsilon_r = 39.861$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.5

1900 MHz System Verification

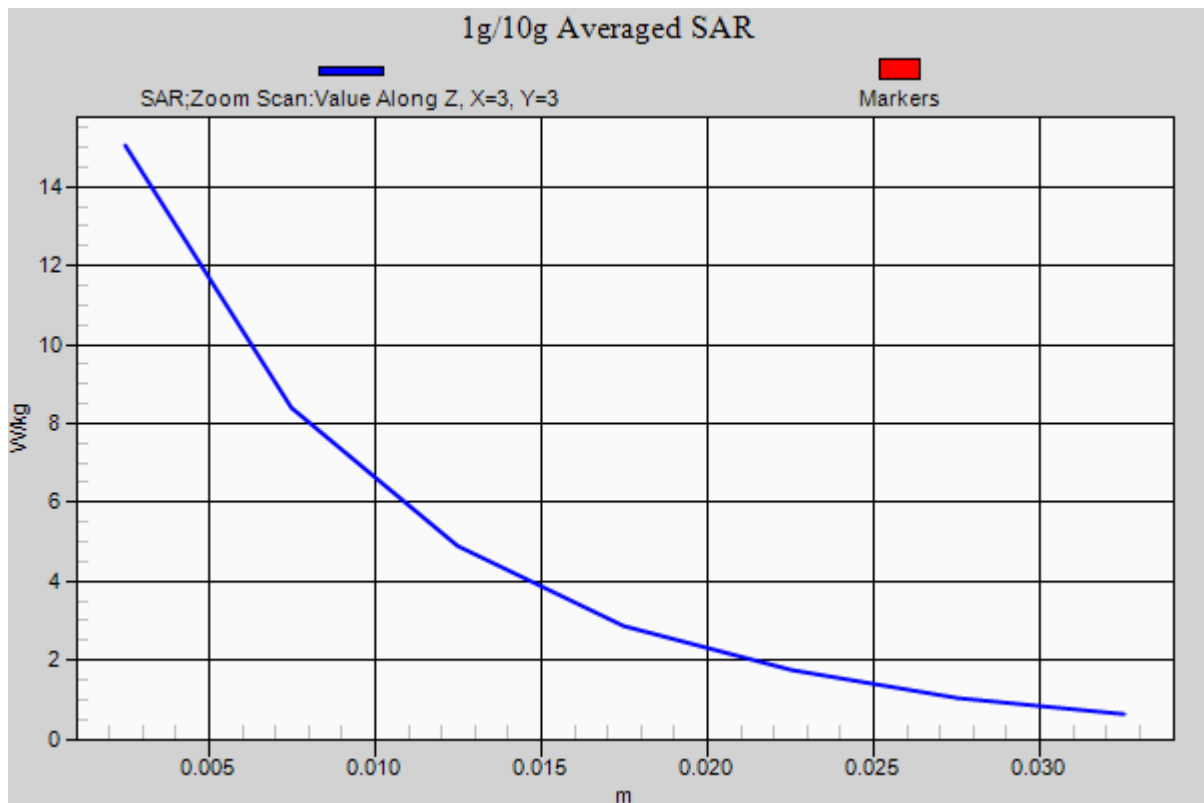
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.4 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.64 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; $\sigma = 1.574$ S/m; $\epsilon_r = 52.279$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.6

1900 MHz System Verification

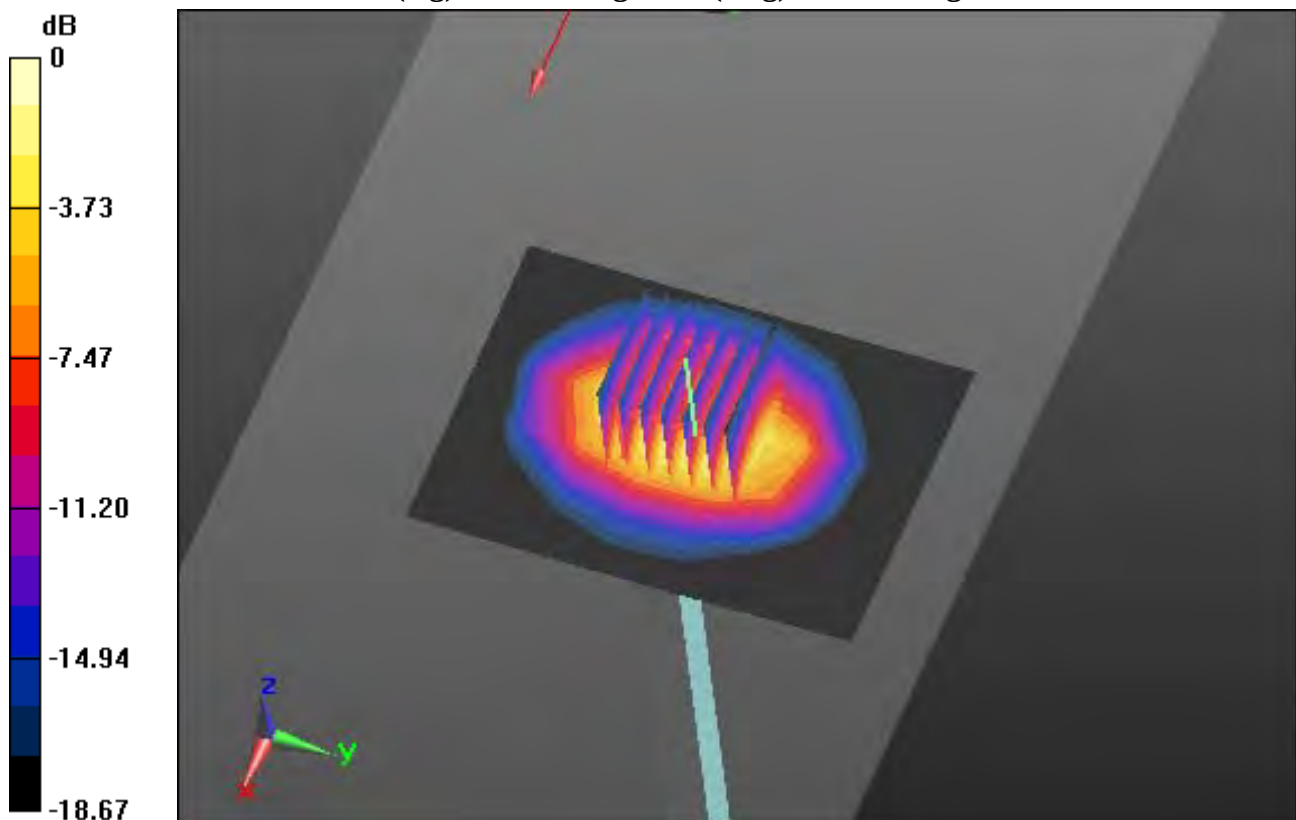
Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 20.8 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.45 W/kg



0 dB = 15.1 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; $\sigma = 1.574$ S/m; $\epsilon_r = 52.279$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.6

1900 MHz System Verification

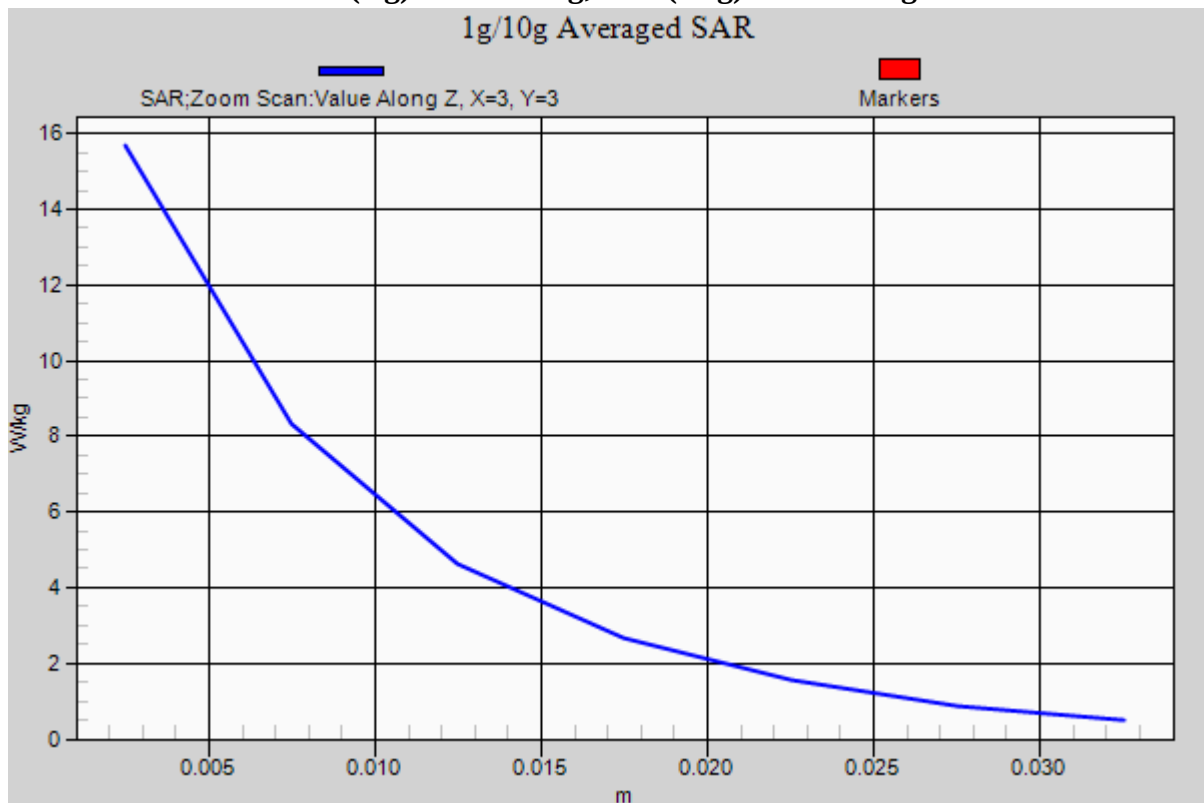
Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 20.8 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.45 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; $\sigma = 1.853$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

2450 MHz System Verification

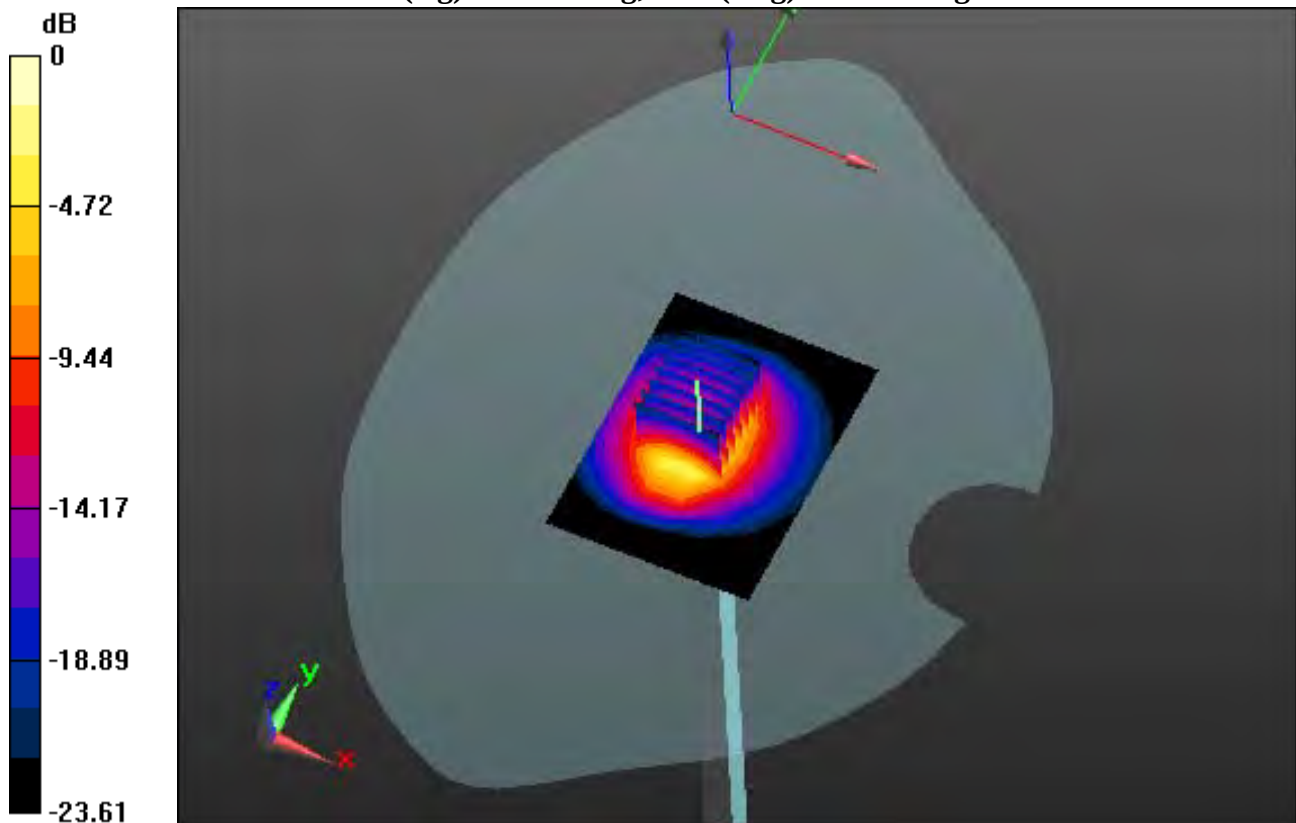
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 28.0 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; $\sigma = 1.853$ S/m; $\epsilon_r = 39.144$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

2450 MHz System Verification

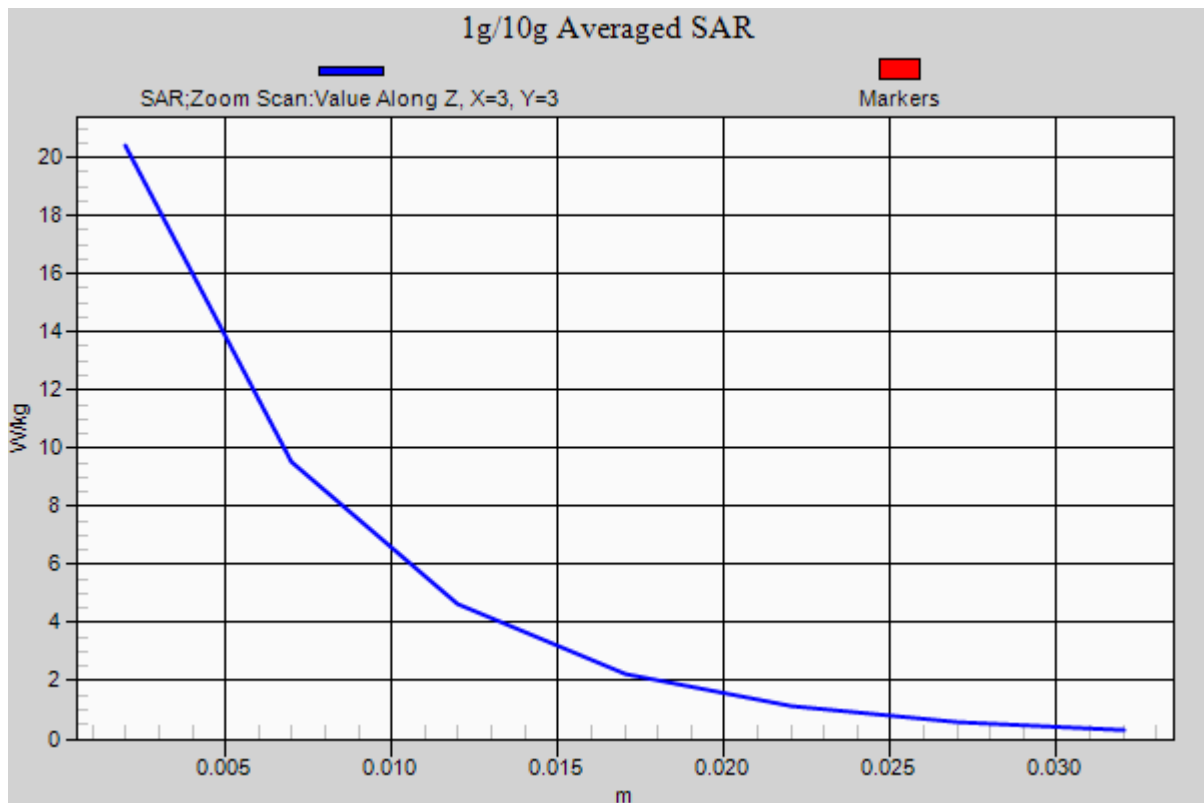
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.95 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; $\sigma = 1.921$ S/m; $\epsilon_r = 52.329$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

2450 MHz System Verification

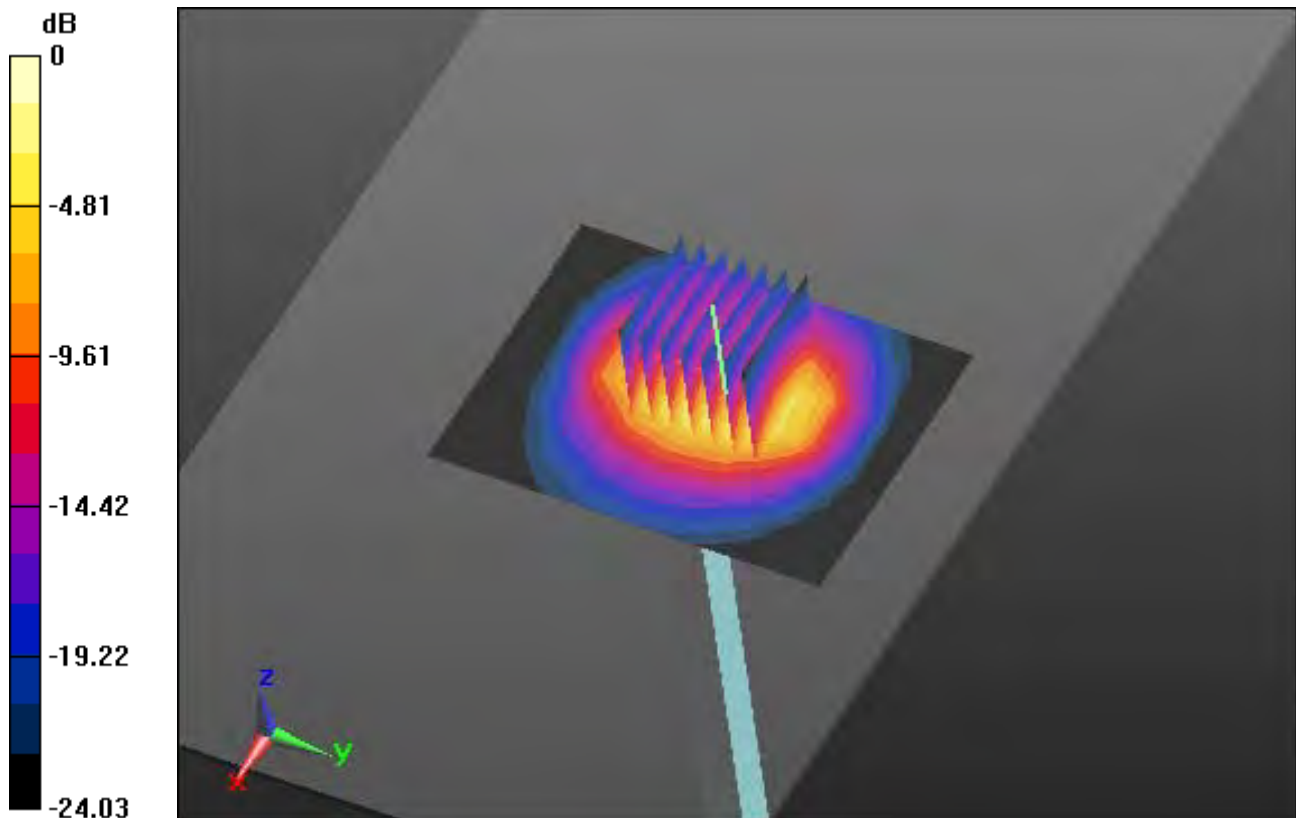
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.01 W/kg



0 dB = 19.0 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; $\sigma = 1.921$ S/m; $\epsilon_r = 52.329$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; ; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

2450 MHz System Verification

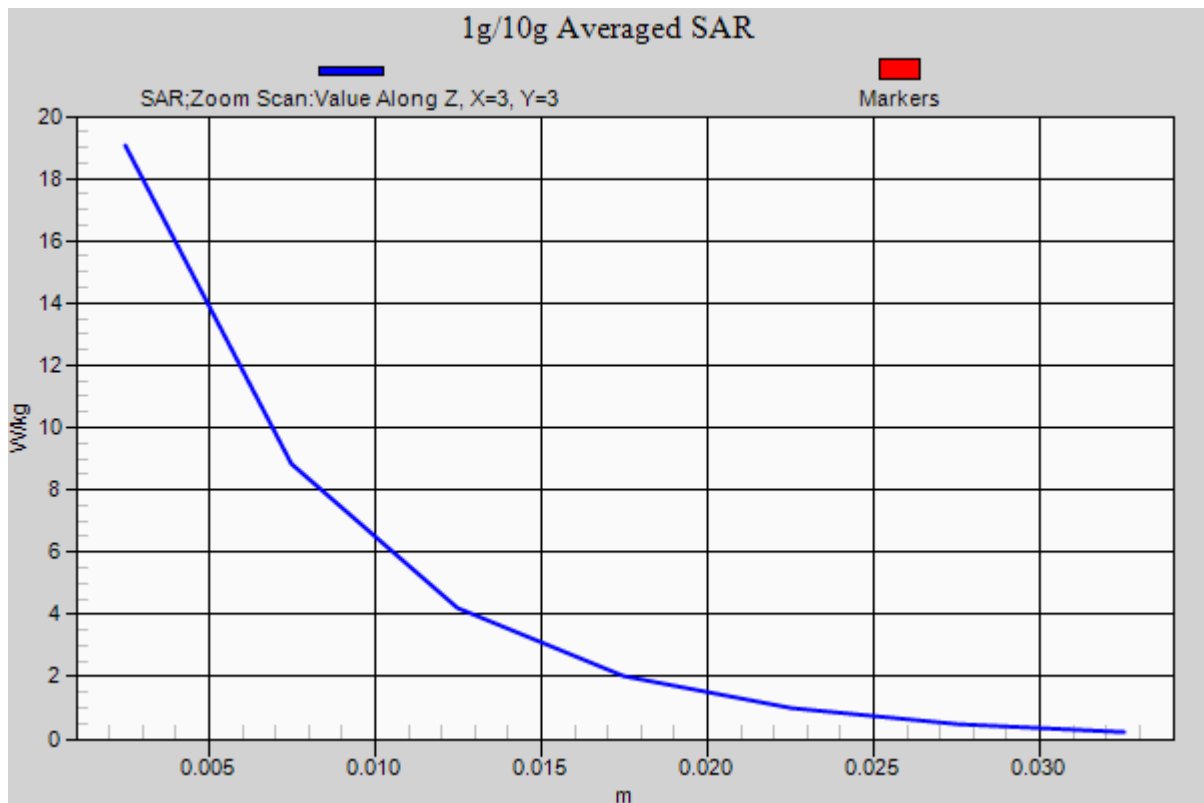
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.01 W/kg



DT&C Co., Ltd.

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.897$ S/m; $\epsilon_r = 38.436$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.28, 7.28, 7.28); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-05; Ambient Temp: 21.8; Tissue Temp: 22.1

2600 MHz System Verification

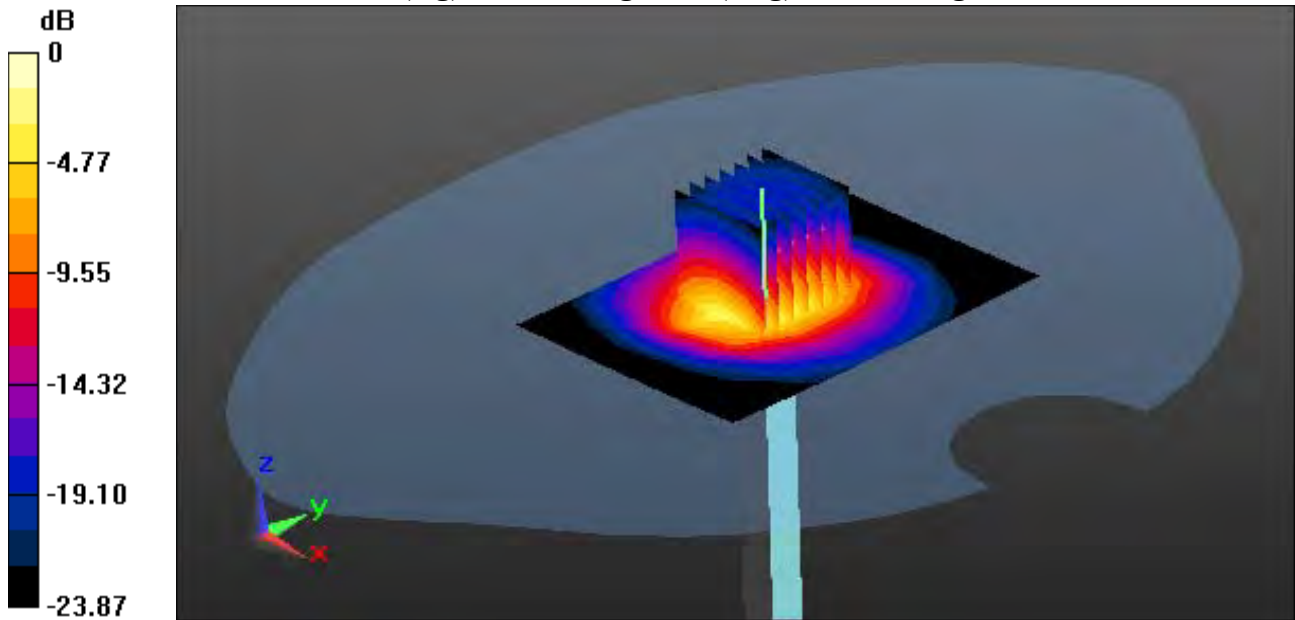
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 33.6 W/kg

SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.47 W/kg



0 dB = 22.0 W/kg

DT&C Co., Ltd.

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.897$ S/m; $\epsilon_r = 38.436$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.28, 7.28, 7.28); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-05; Ambient Temp: 21.8; Tissue Temp: 22.1

2600 MHz System Verification

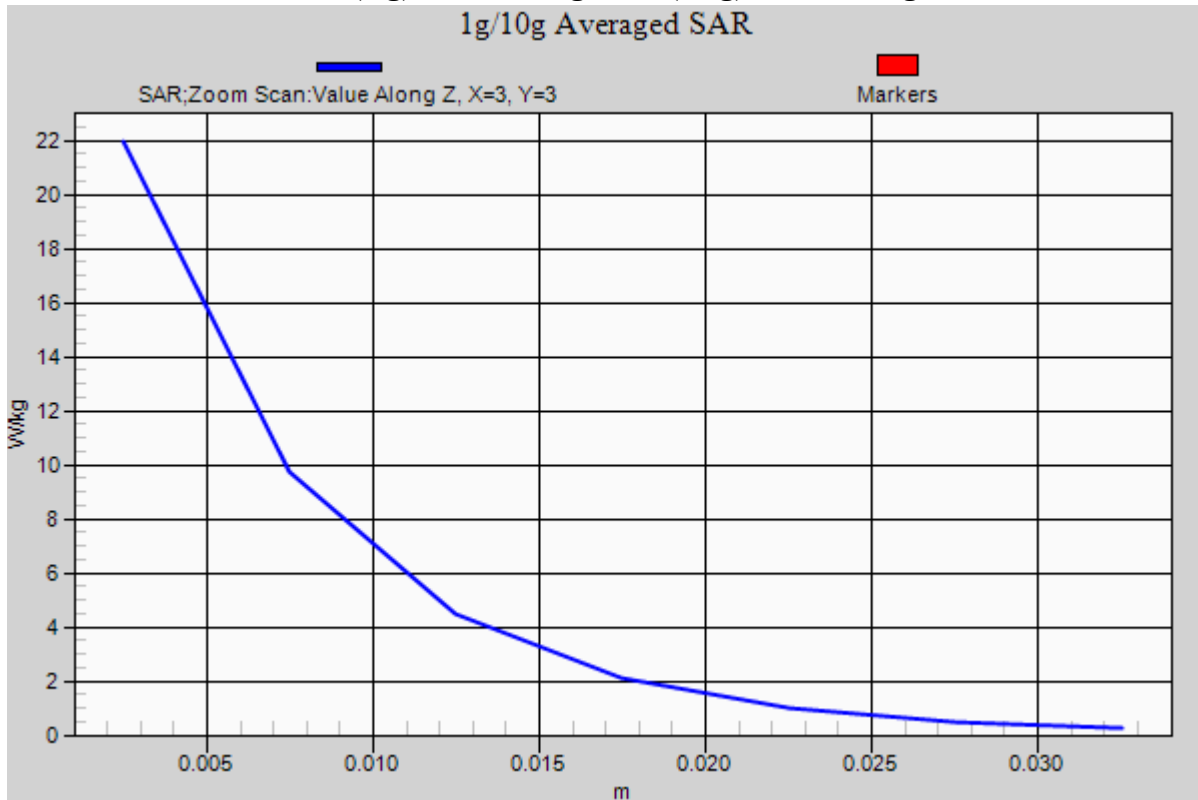
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 33.6 W/kg

SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.47 W/kg



DT&C Co., Ltd.

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.146$ S/m; $\epsilon_r = 51.629$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.21, 7.21, 7.21); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-06; Ambient Temp: 21.6; Tissue Temp: 21.9

2600 MHz System Verification

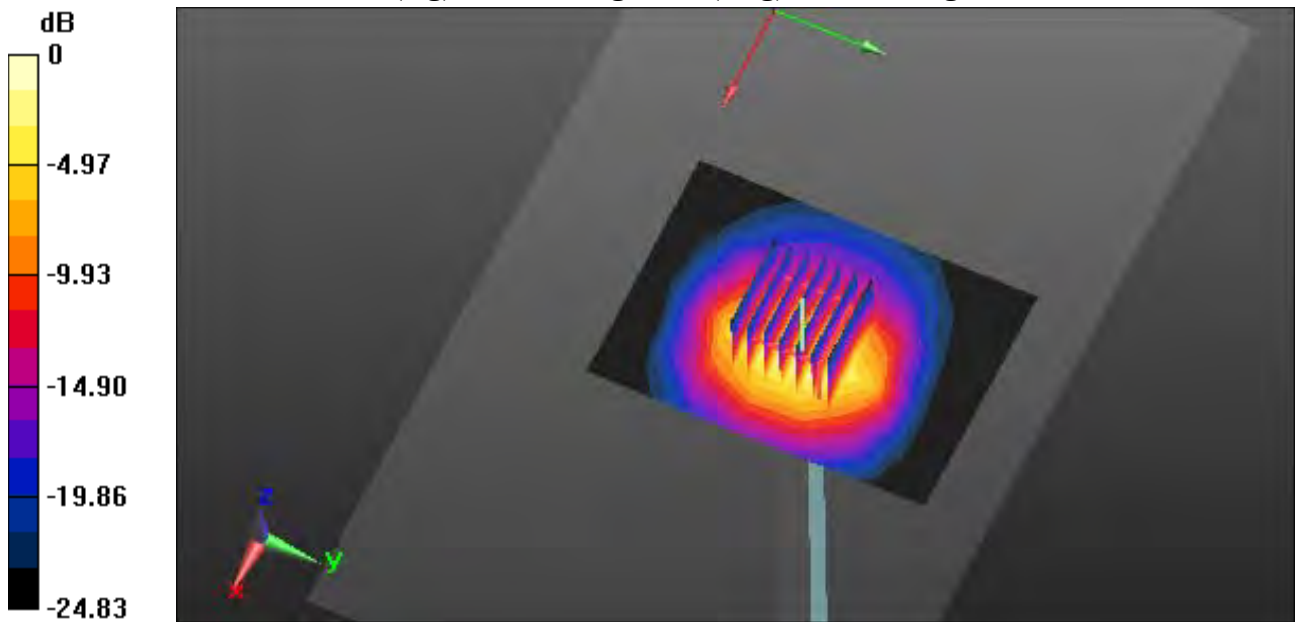
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 33.6 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.03 W/kg



0 dB = 21.2 W/kg

DT&C Co., Ltd.

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.146$ S/m; $\epsilon_r = 51.629$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.21, 7.21, 7.21); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-06; Ambient Temp: 21.6; Tissue Temp: 21.9

2600 MHz System Verification

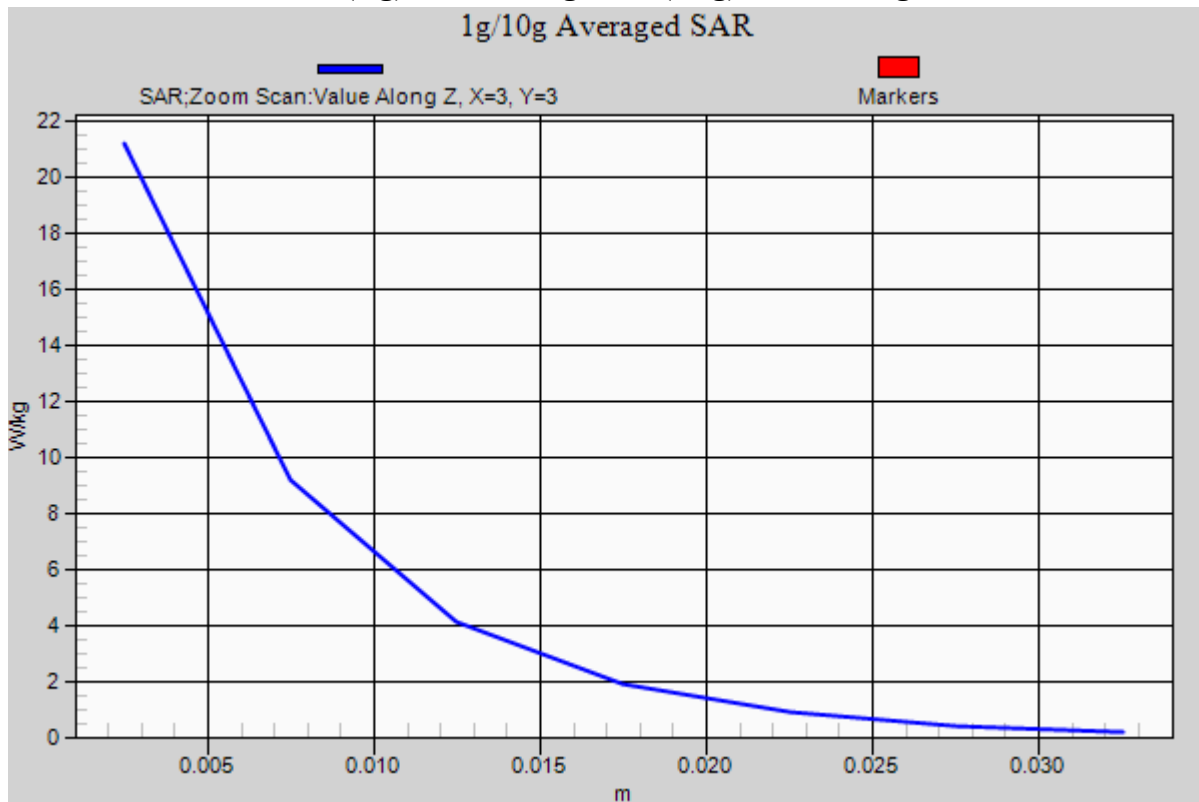
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 33.6 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.03 W/kg



DT&C Co., Ltd.

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.103$ S/m; $\epsilon_r = 51.843$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.21, 7.21, 7.21); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

2600 MHz System Verification

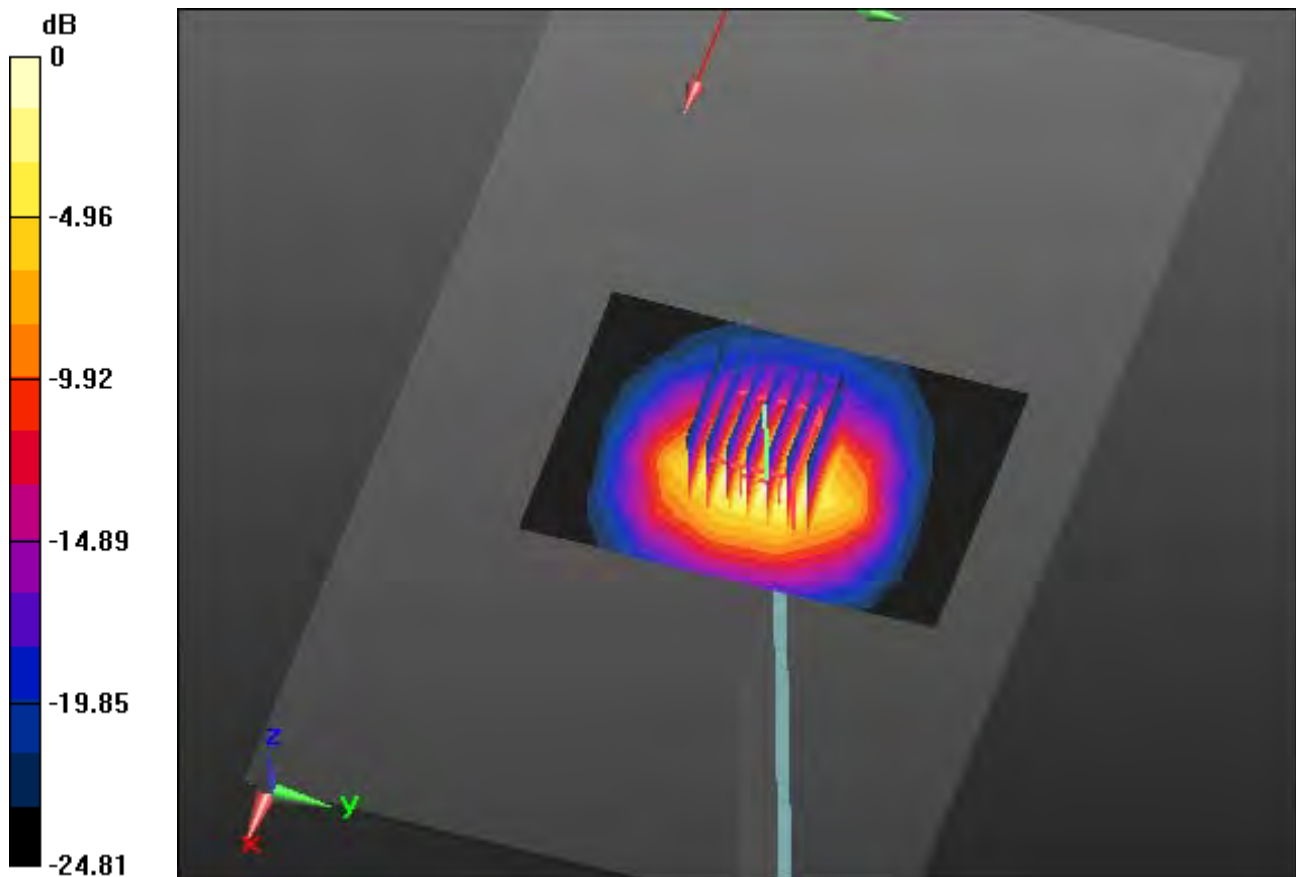
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 33.9 W/kg

SAR(1 g) = 14.7 W/kg; SAR(10 g) = 6.48 W/kg



0 dB = 21.3 W/kg

DT&C Co., Ltd.

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.103$ S/m; $\epsilon_r = 51.843$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.21, 7.21, 7.21); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

2600 MHz System Verification

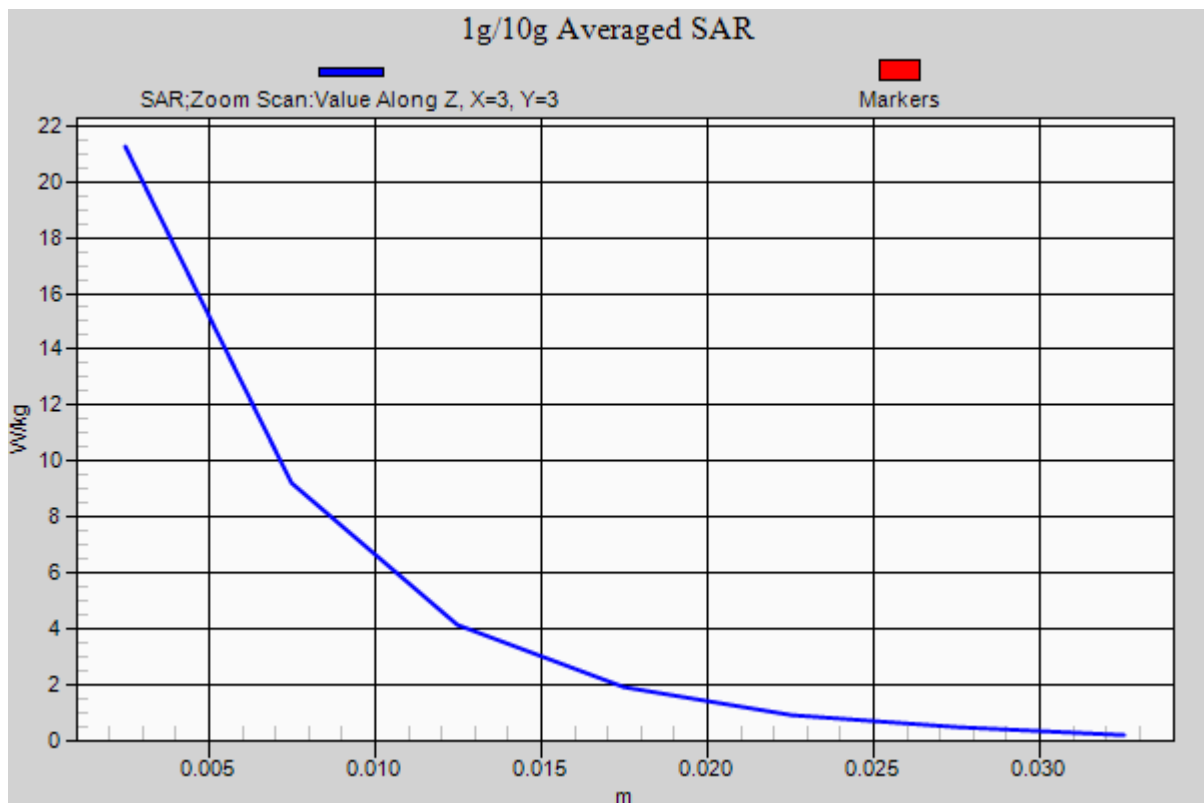
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 33.9 W/kg

SAR(1 g) = 14.7 W/kg; SAR(10 g) = 6.48 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.297$ S/m; $\epsilon_r = 47.747$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

5200MHz System Verification

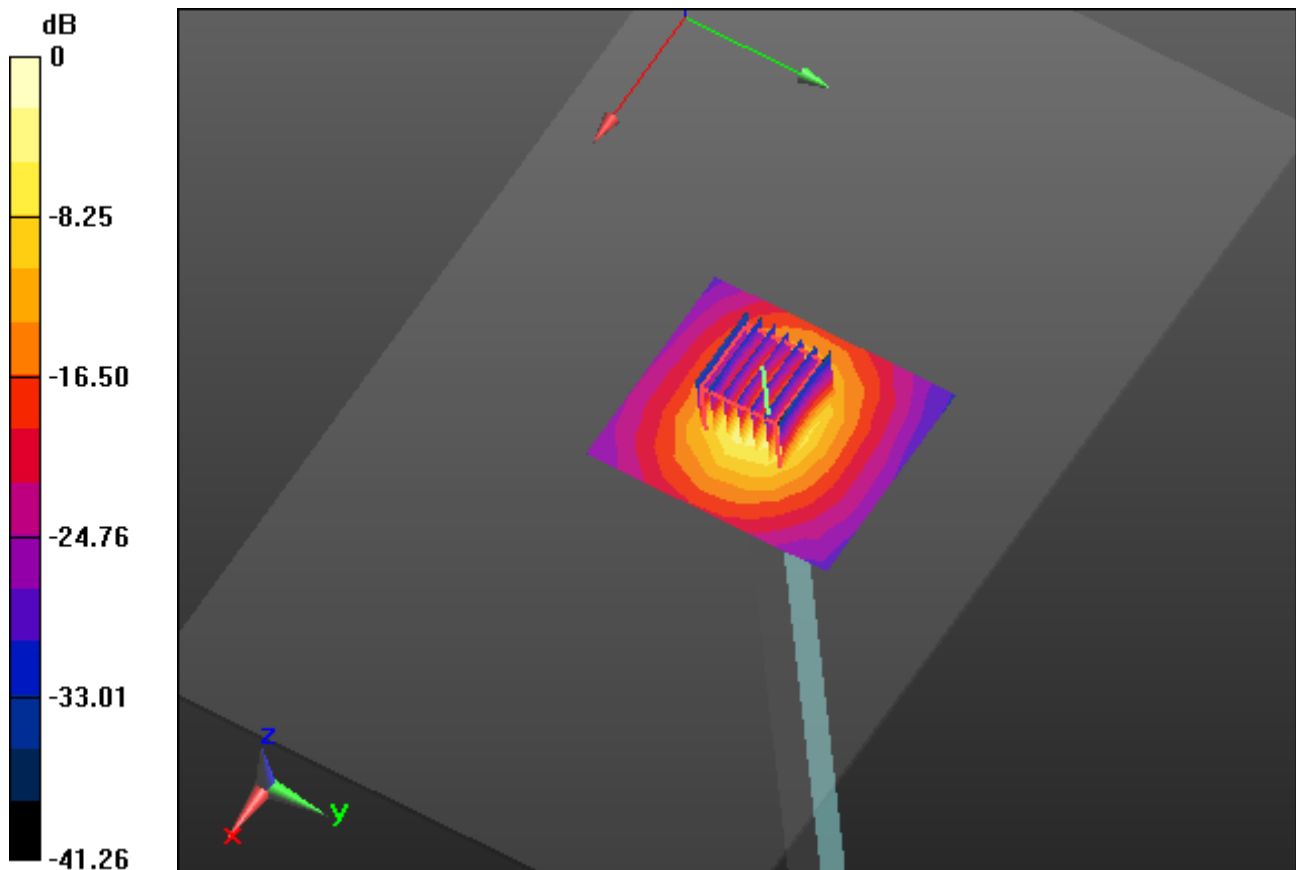
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 35.7 W/kg

SAR(1 g) = 7.72 W/kg; SAR(10 g) = 2.18 W/kg



0 dB = 17.2 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.297$ S/m; $\epsilon_r = 47.747$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

5200MHz System Verification

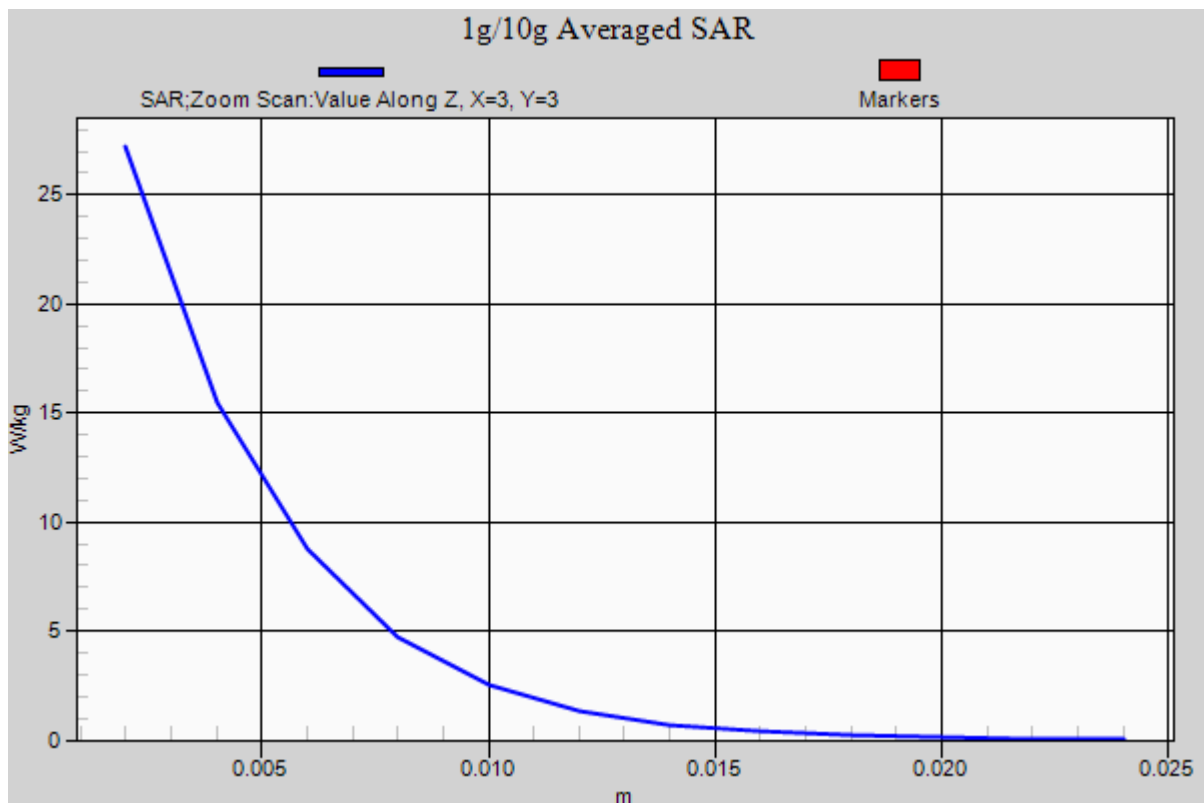
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 35.7 W/kg

SAR(1 g) = 7.72 W/kg; SAR(10 g) = 2.18 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.769$ S/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

5300 MHz System Verification

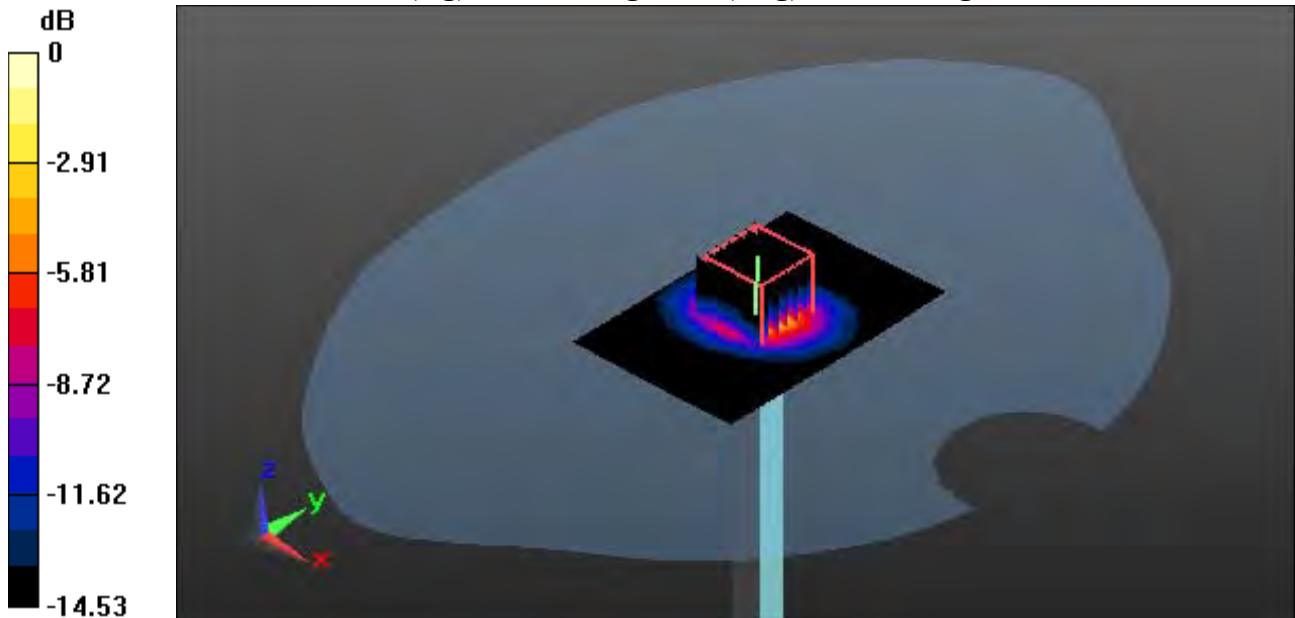
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.32 W/kg



0 dB = 15.1 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.769$ S/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

5300 MHz System Verification

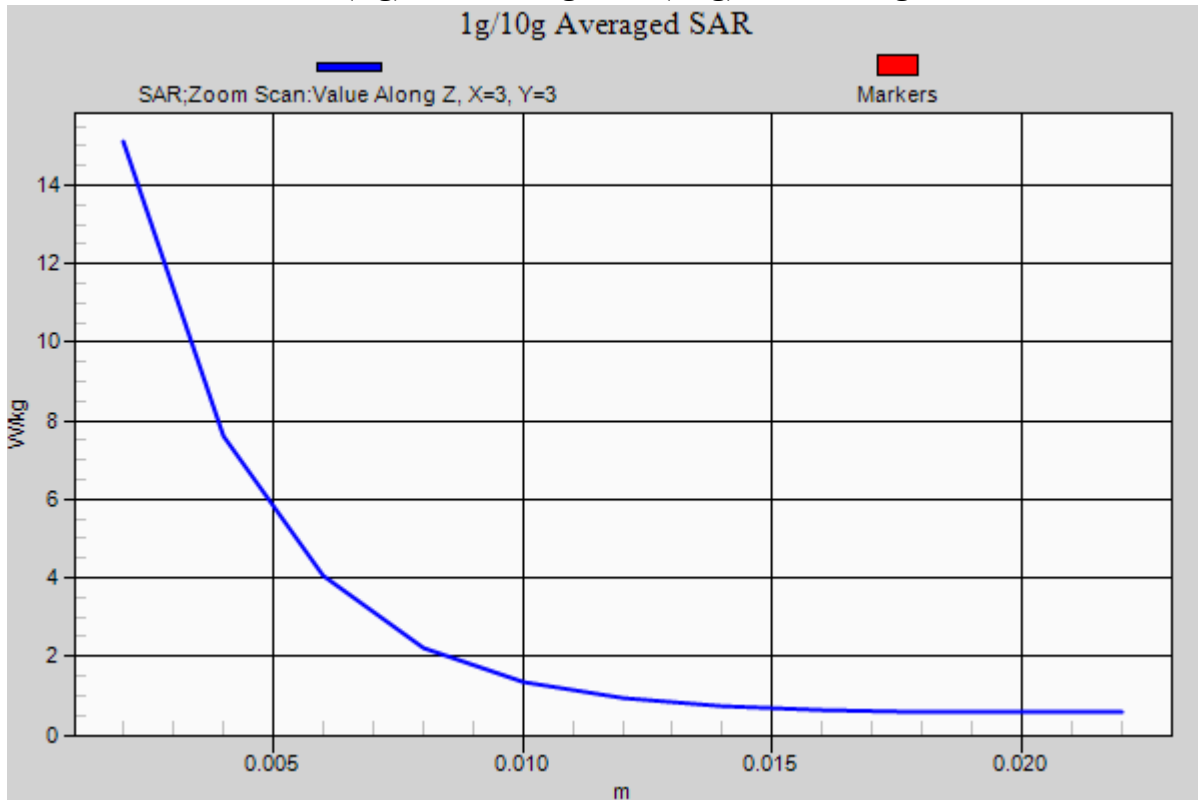
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.32 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.416$ S/m; $\epsilon_r = 47.394$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

5300 MHz System Verification

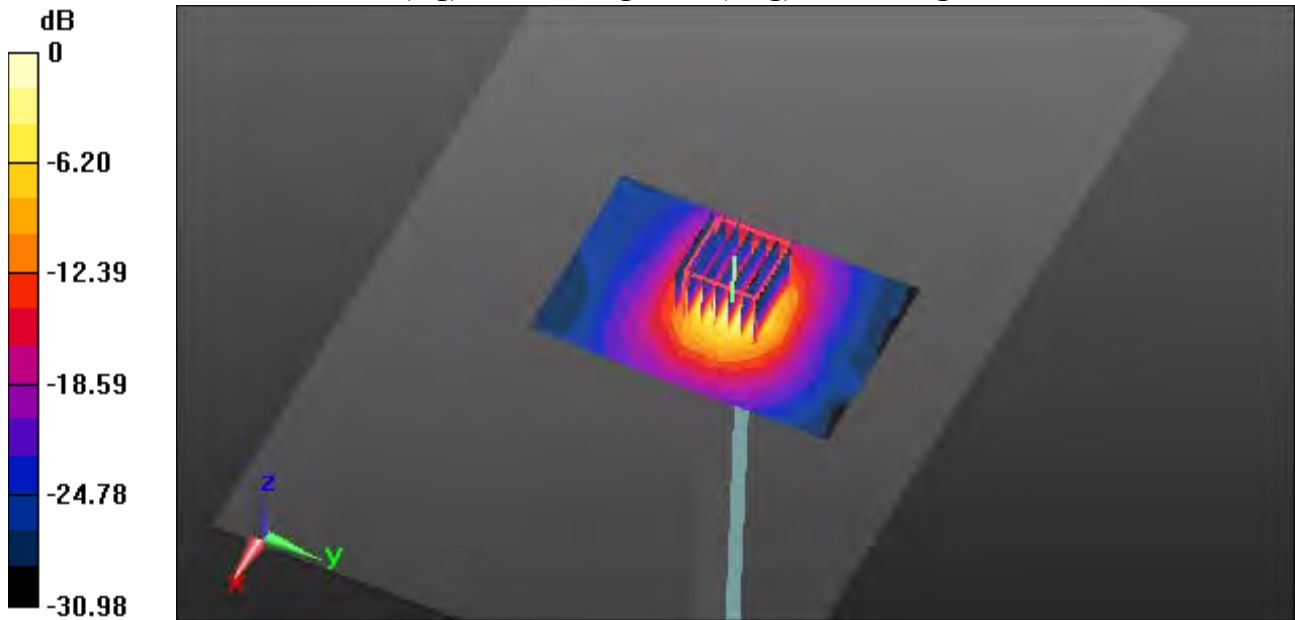
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 36.5 W/kg

SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.2 W/kg



0 dB = 16.4 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.416$ S/m; $\epsilon_r = 47.394$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

5300 MHz System Verification

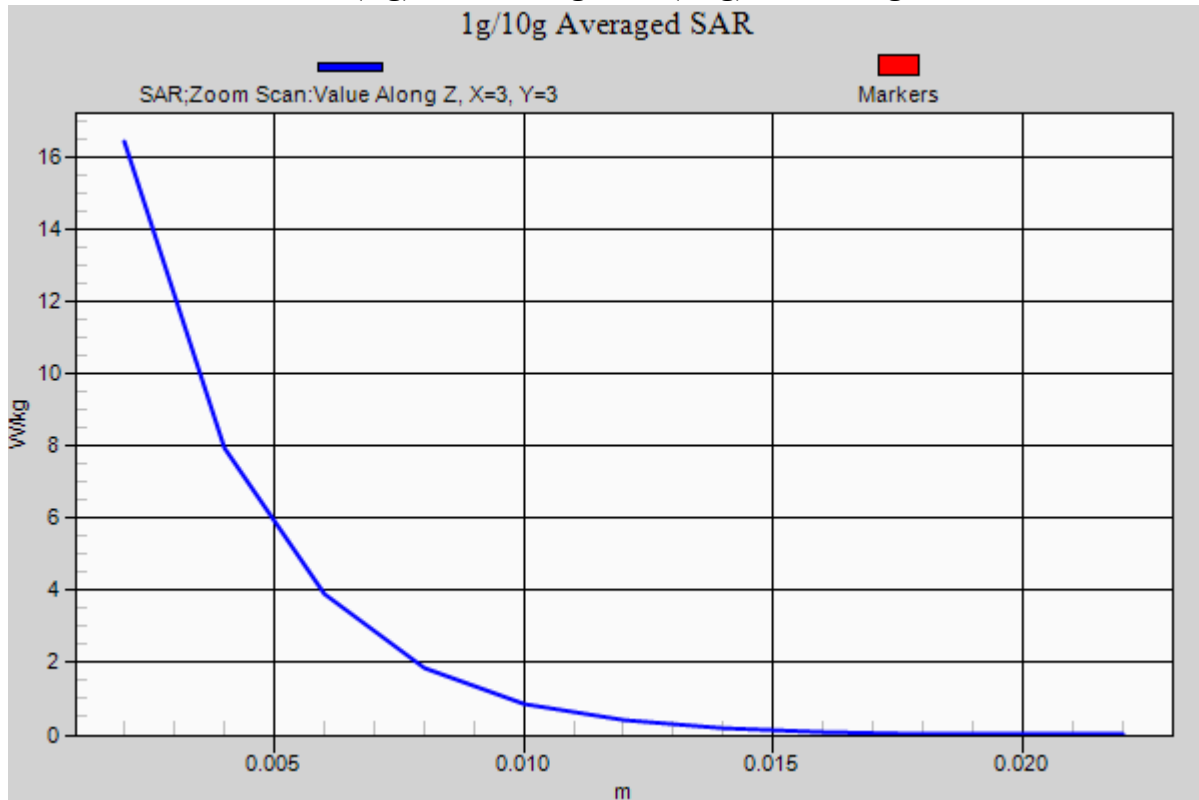
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 36.5 W/kg

SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.2 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.083$ S/m; $\epsilon_r = 35.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

5600 MHz System Verification

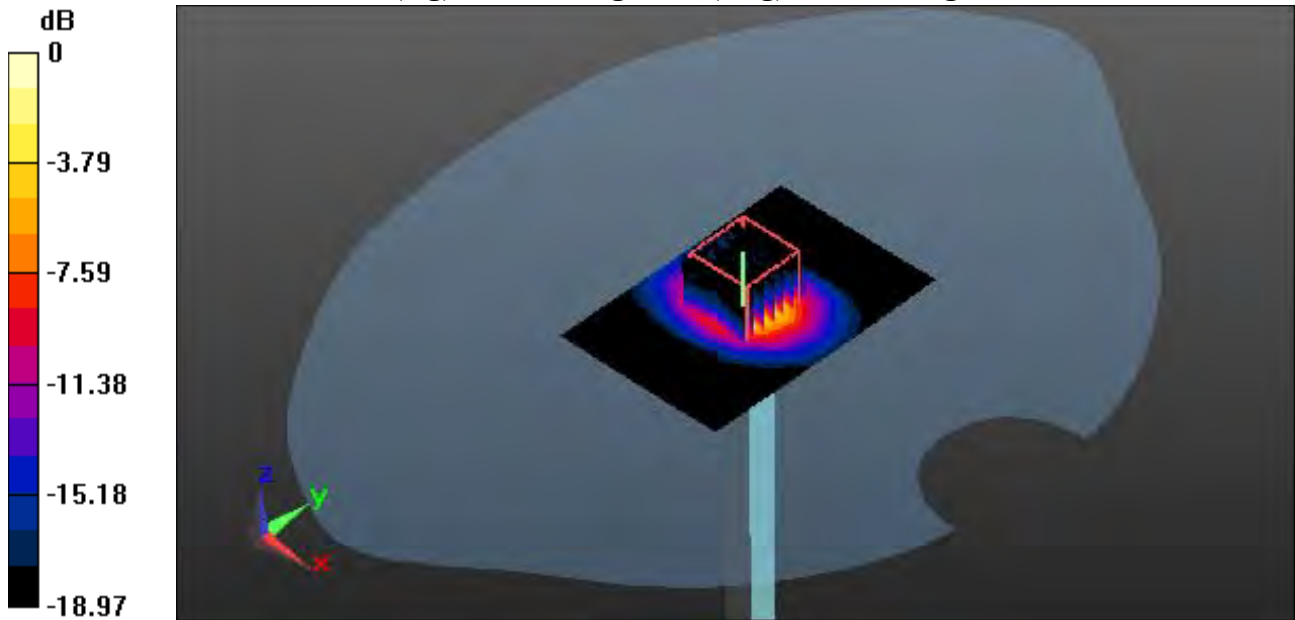
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 43.1 W/kg

SAR(1 g) = 8.63 W/kg; SAR(10 g) = 2.47 W/kg



0 dB = 18.4 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.083$ S/m; $\epsilon_r = 35.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

5600 MHz System Verification

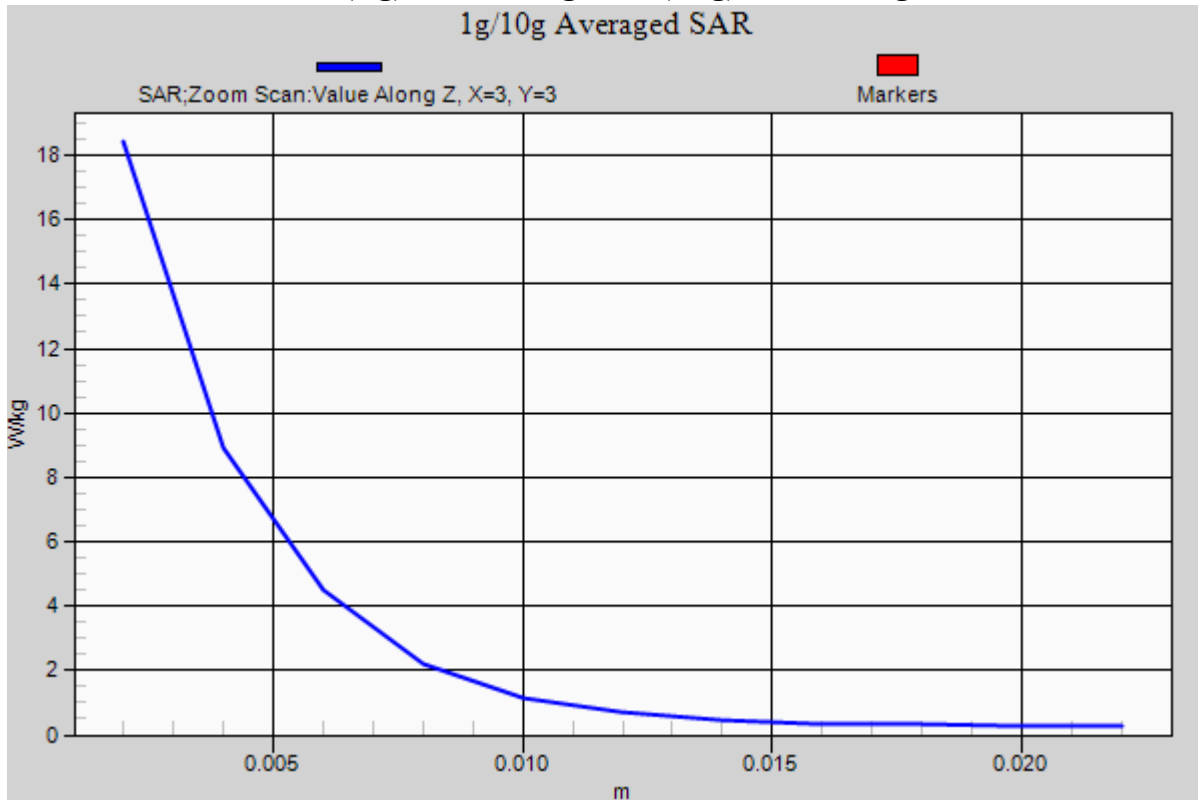
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 43.1 W/kg

SAR(1 g) = 8.63 W/kg; SAR(10 g) = 2.47 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.909$ S/m; $\epsilon_r = 48.077$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

5600 MHz System Verification

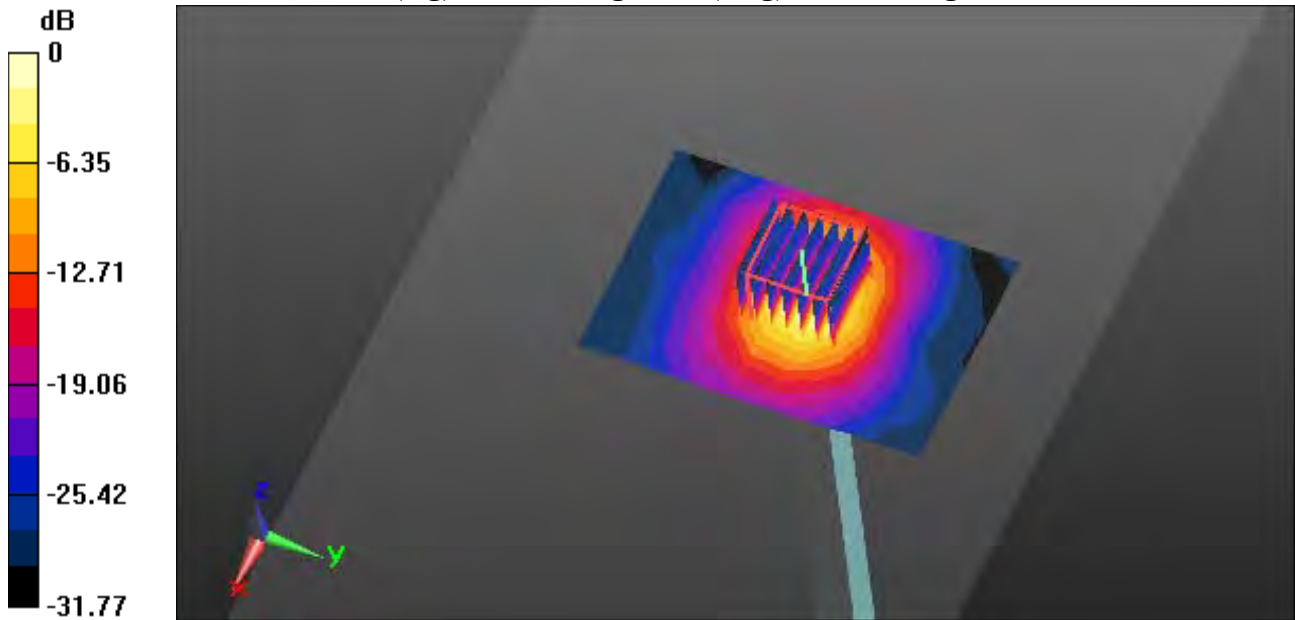
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 37.8 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.20 W/kg



0 dB = 15.7 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.909$ S/m; $\epsilon_r = 48.077$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

5600 MHz System Verification

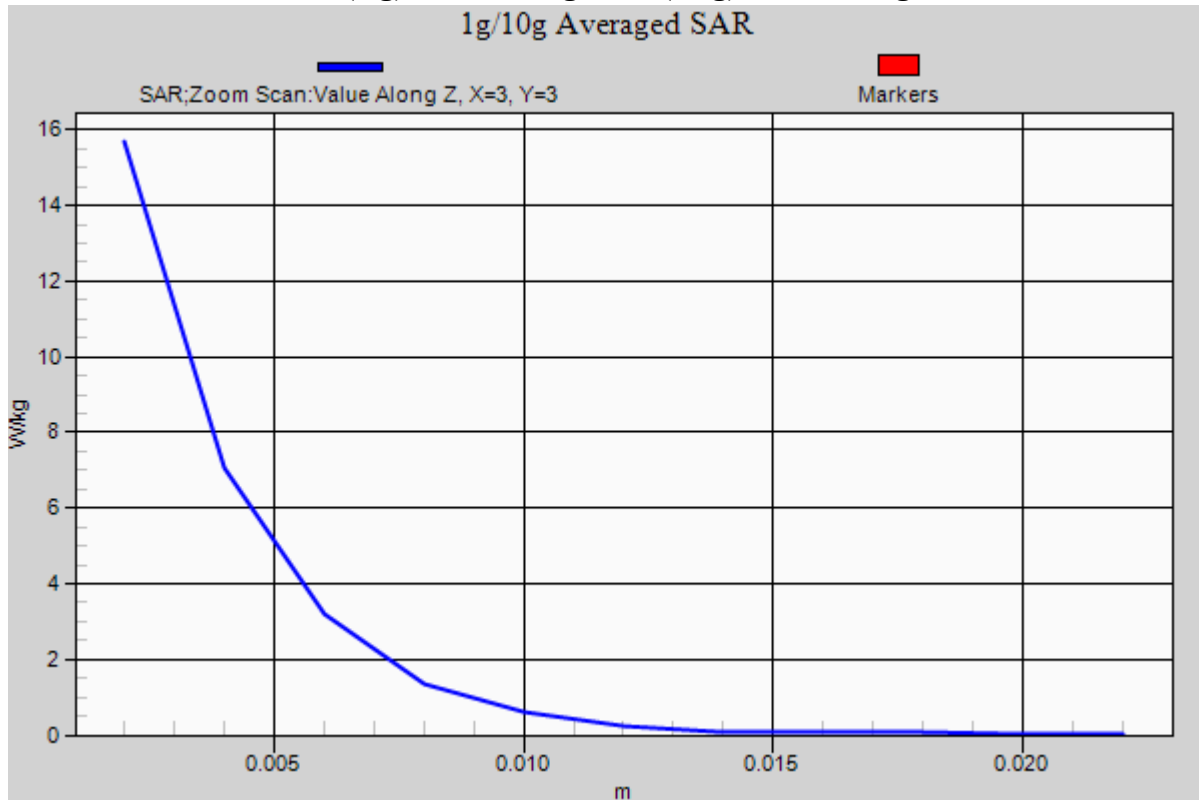
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 37.8 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.20 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.372$ S/m; $\epsilon_r = 35.681$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

5800 MHz System Verification

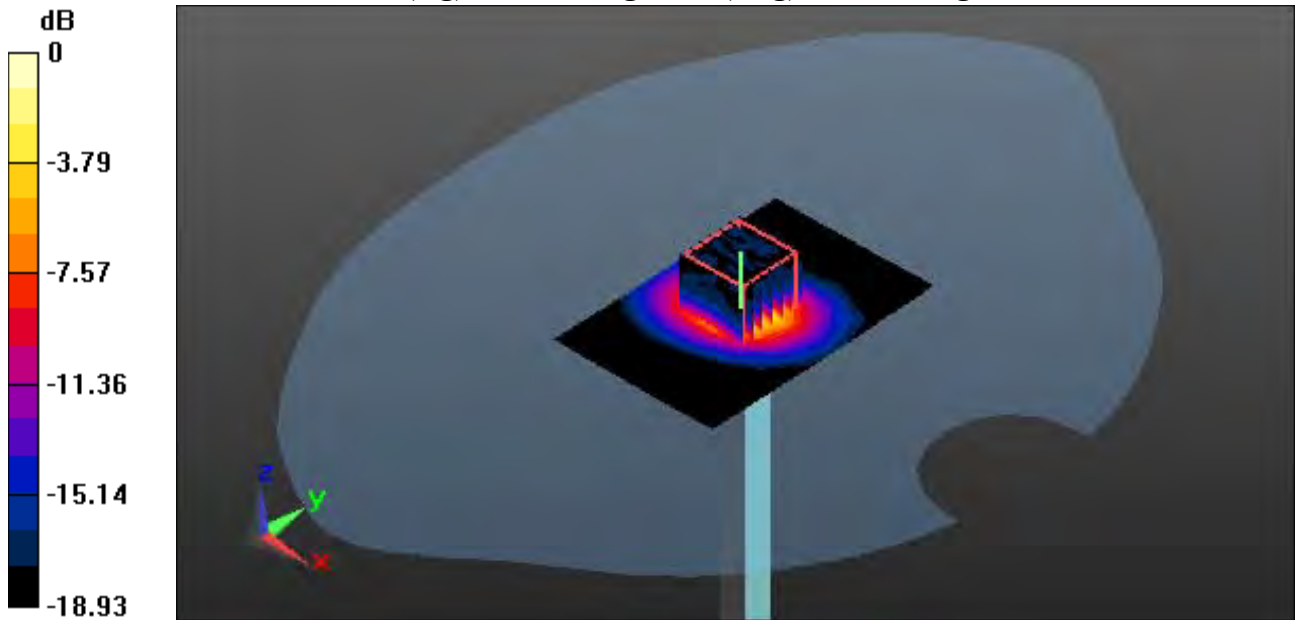
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.28 W/kg



0 dB = 14.8 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.372$ S/m; $\epsilon_r = 35.681$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

5800 MHz System Verification

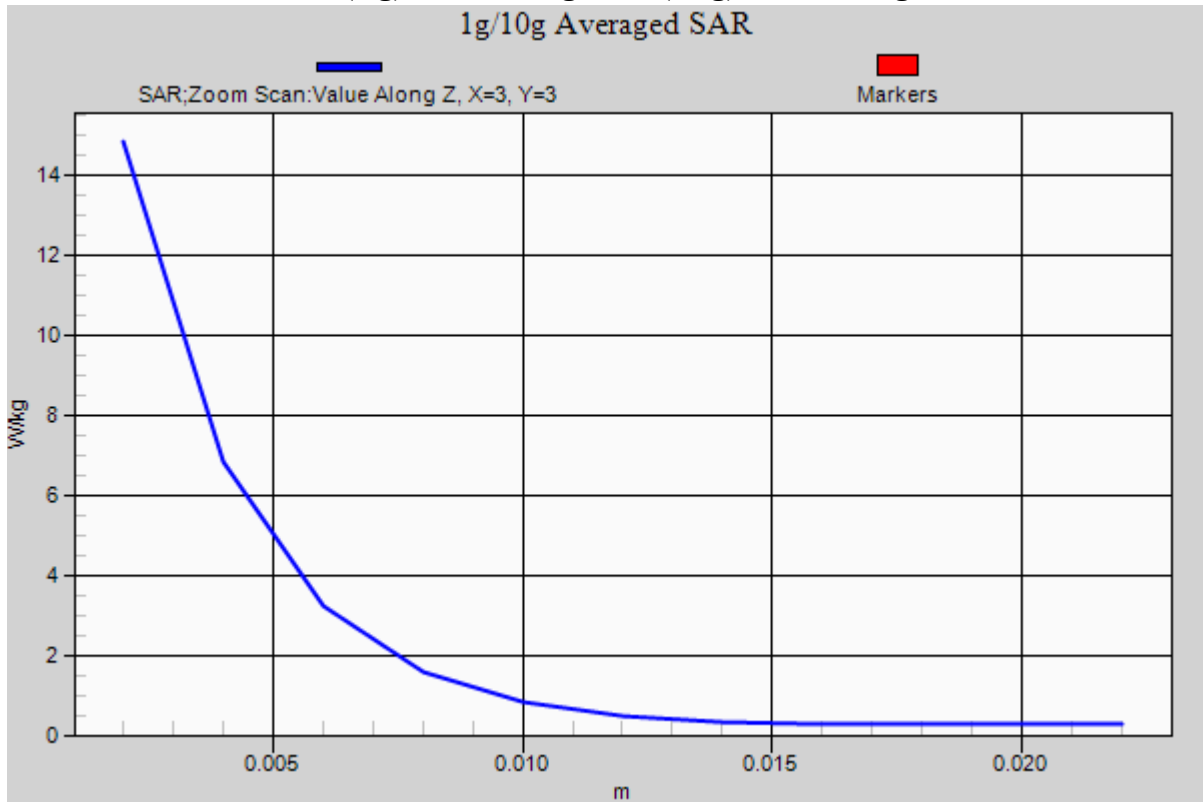
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.28 W/kg



DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.169$ S/m; $\epsilon_r = 47.654$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

5800 MHz System Verification

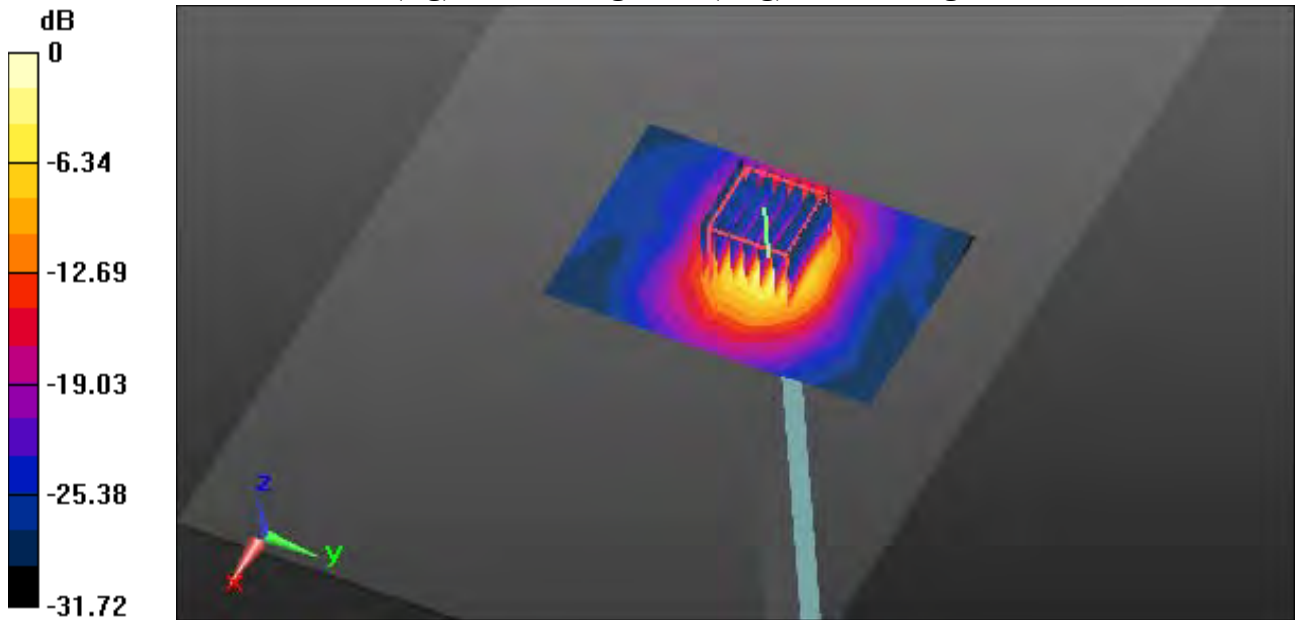
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 43.2 W/kg

SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.12 W/kg



0 dB = 19.2 W/kg

DT&C Co., Ltd.

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

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

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.169$ S/m; $\epsilon_r = 47.654$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

5800 MHz System Verification

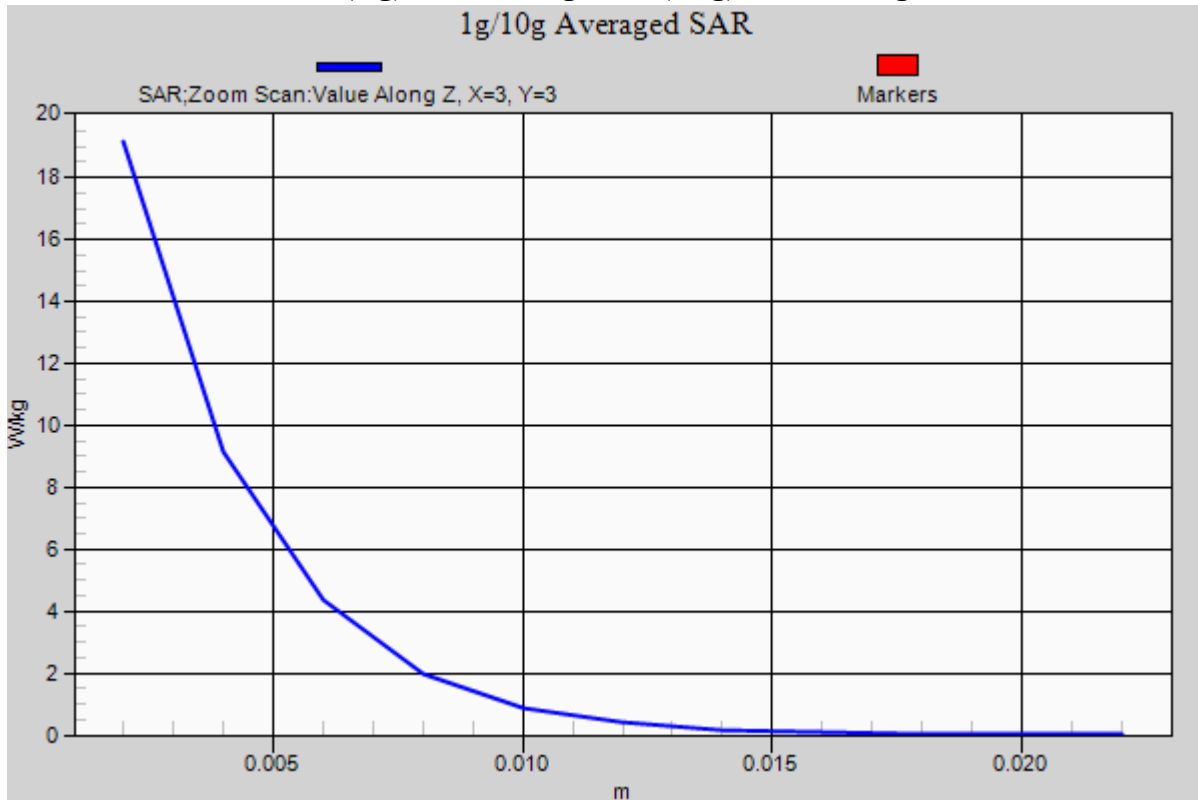
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 43.2 W/kg

SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.12 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; $\sigma = 5.522$ S/m; $\epsilon_r = 47.937$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

5300 MHz System Verification

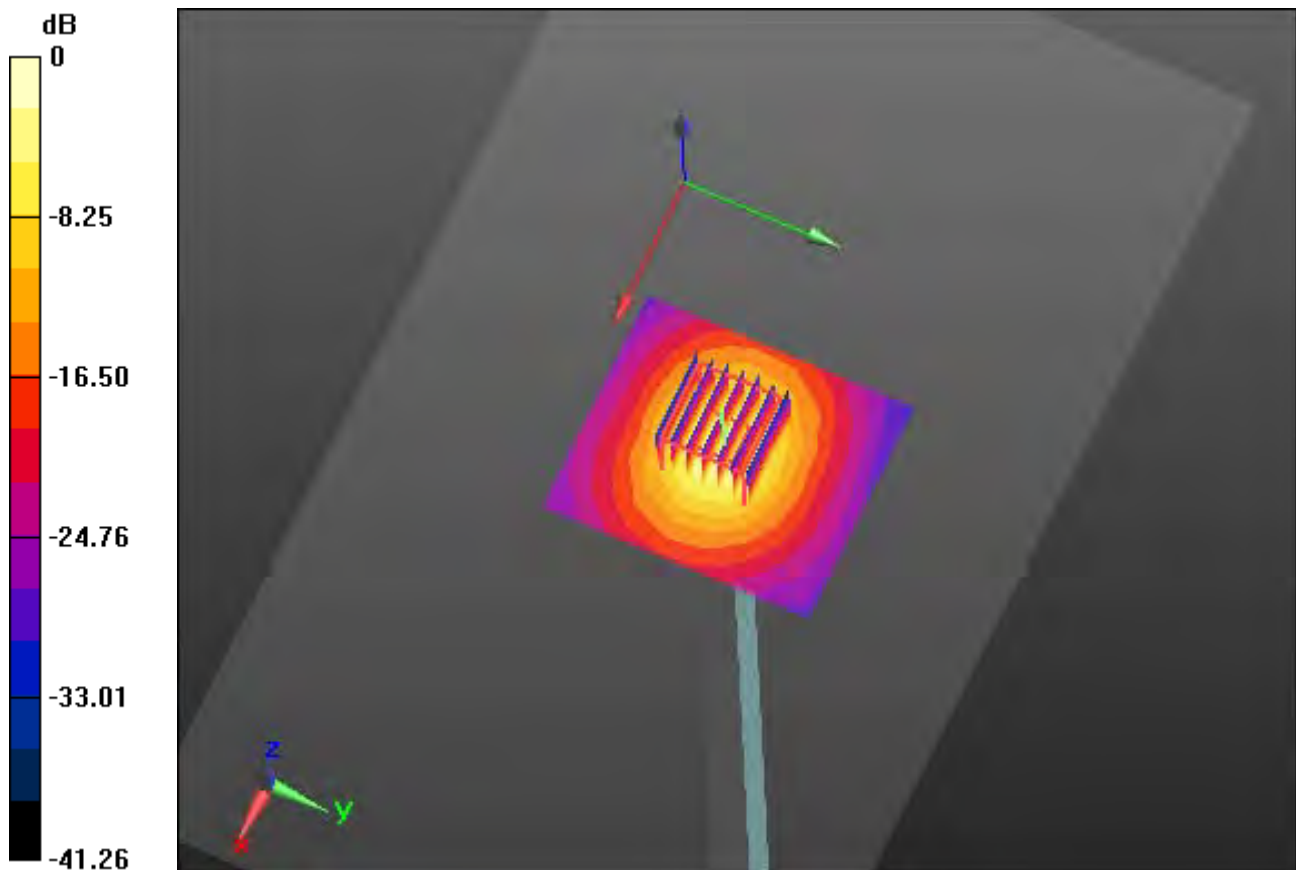
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 34.0 W/kg

SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.26 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: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.522$ S/m; $\epsilon_r = 47.937$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

5300 MHz System Verification

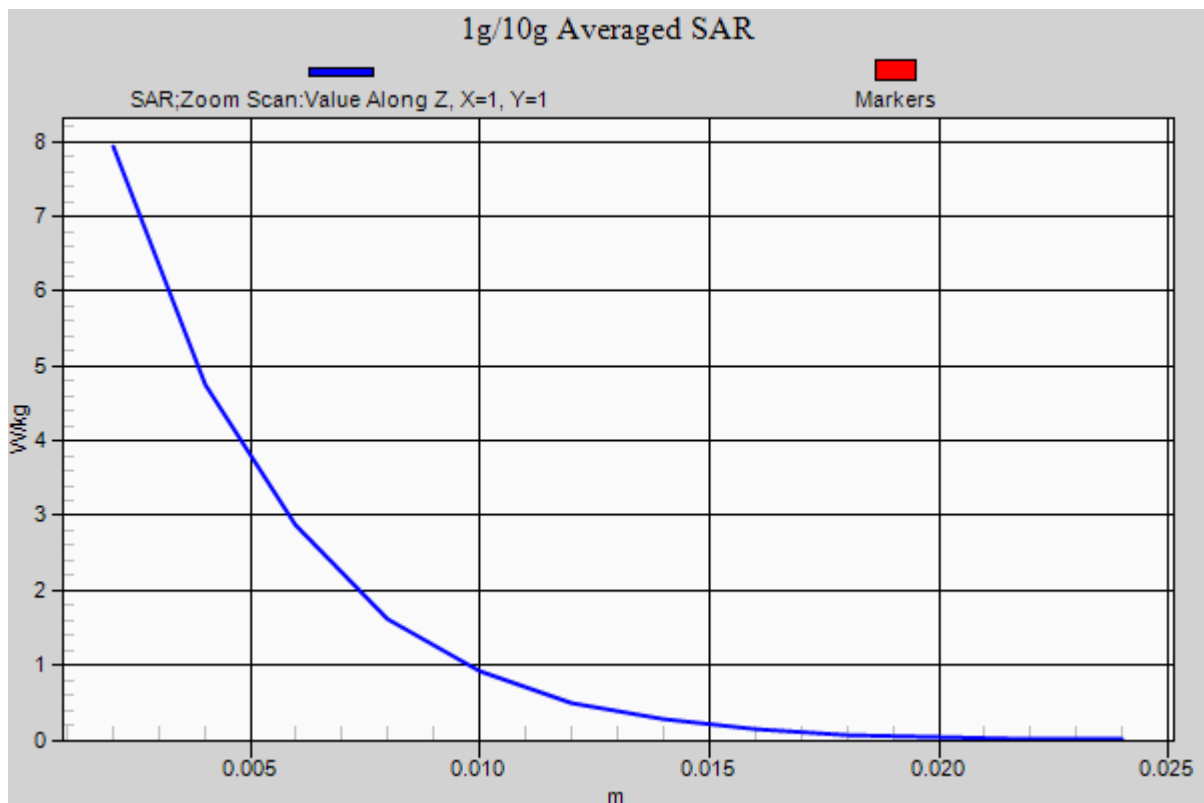
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 34.0 W/kg

SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.26 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; $\sigma = 5.909$ S/m; $\epsilon_r = 47.511$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

5600 MHz System Verification

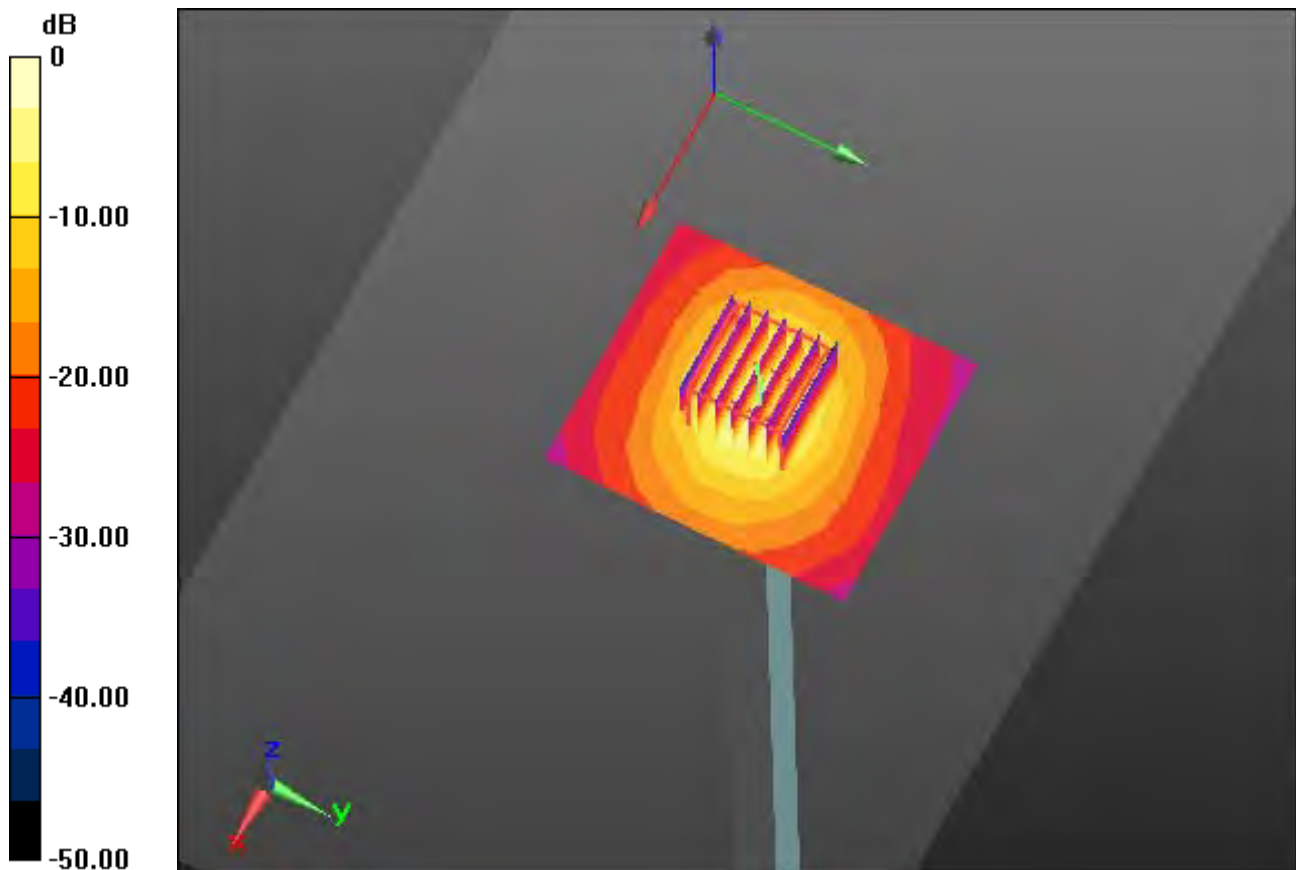
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 37.7 W/kg

SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.25 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: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.909$ S/m; $\epsilon_r = 47.511$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

5600 MHz System Verification

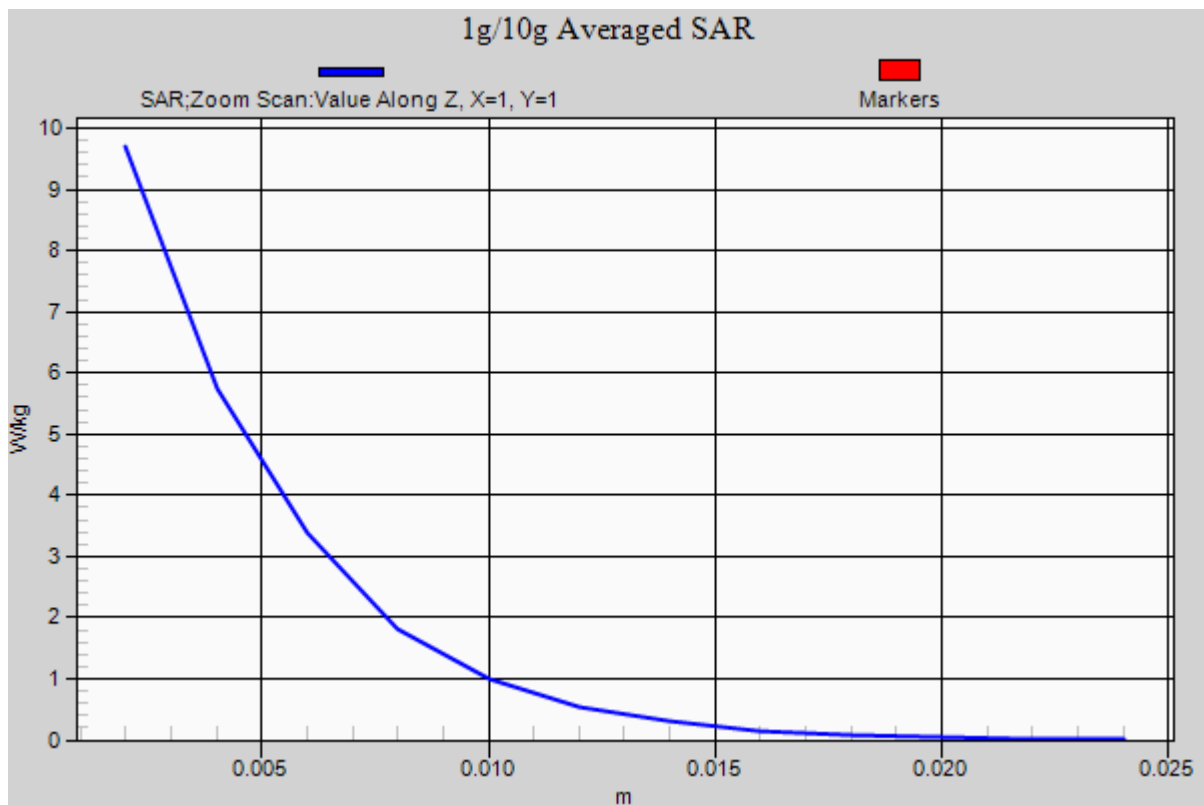
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 37.7 W/kg

SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.25 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.758$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-20; Ambient Temp: 21.8; Tissue Temp: 22.2

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

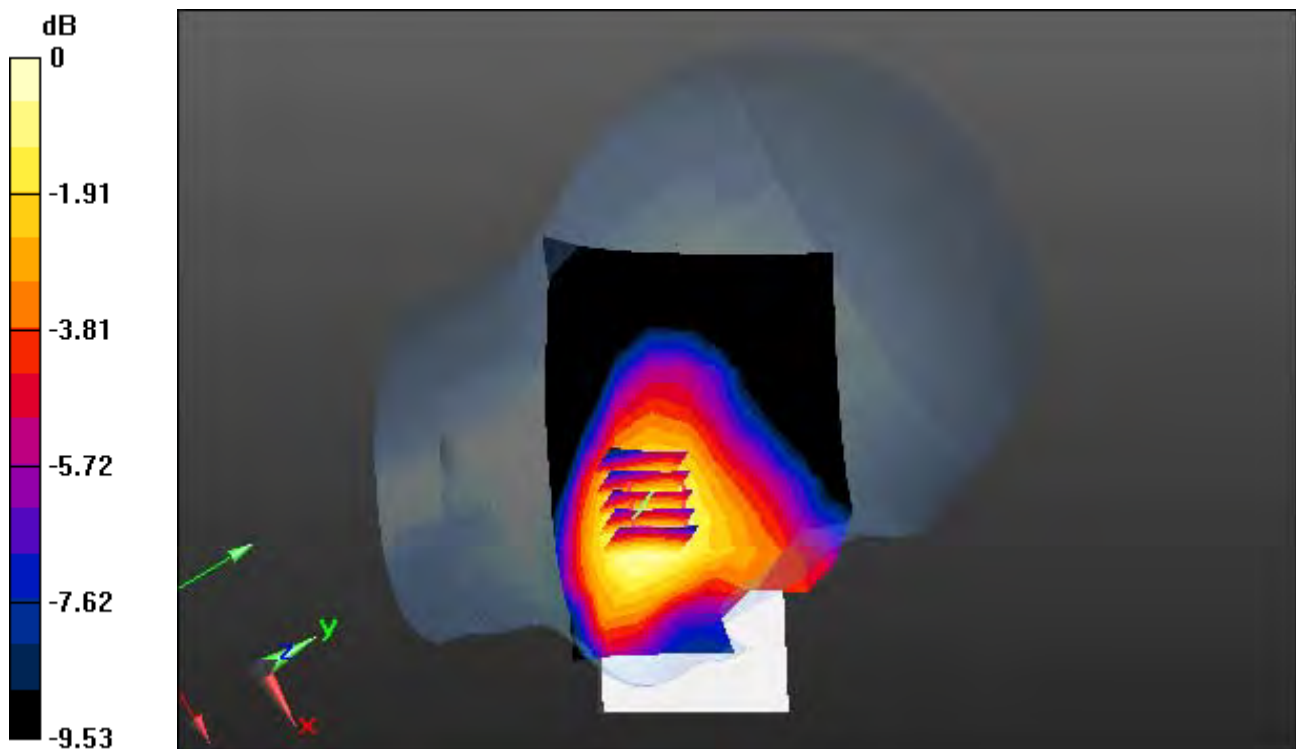
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.072 W/kg



0 dB = 0.105 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.758$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-20; Ambient Temp: 21.8; Tissue Temp: 22.2

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

With Enlarge Plot image

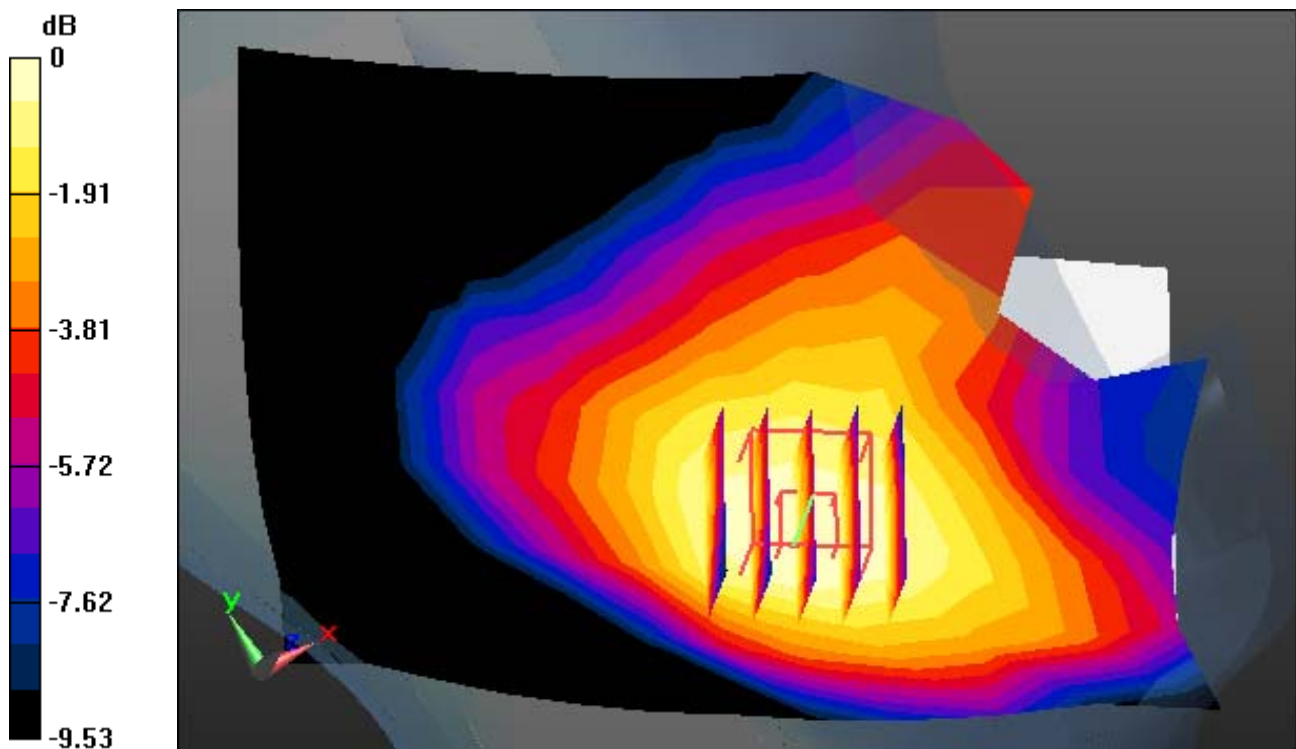
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.115 W/kg

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0 dB = 0.105 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.758$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-20; Ambient Temp: 21.8; Tissue Temp: 22.2

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

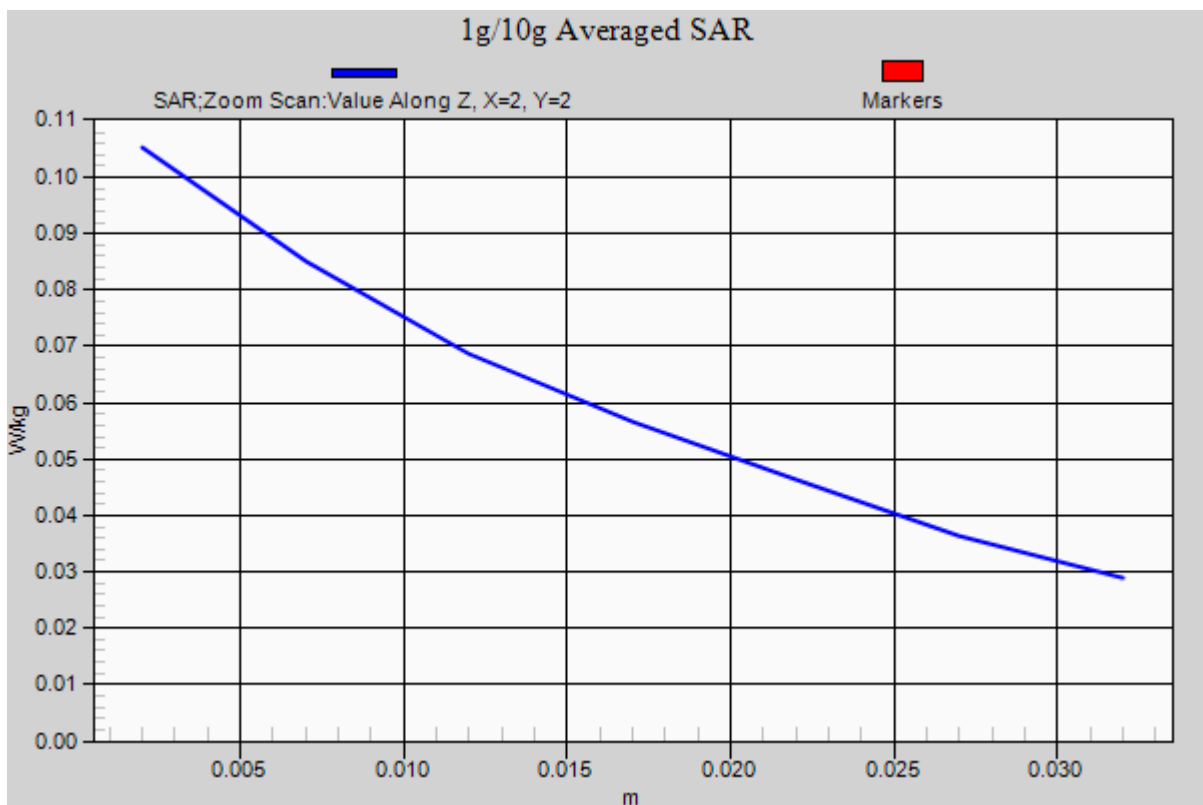
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.072 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.758$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-20; Ambient Temp: 21.8; Tissue Temp: 22.2

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

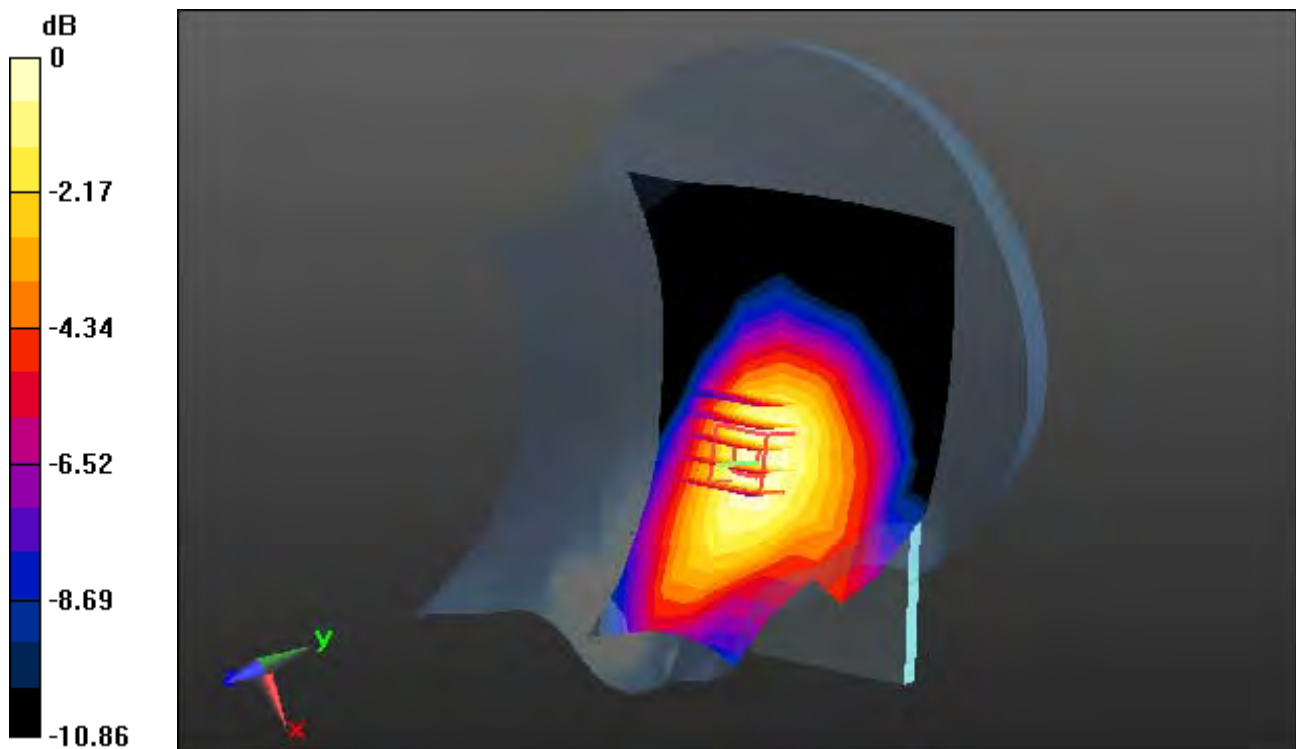
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.174 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.106 W/kg



0 dB = 0.158 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.758$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-20; Ambient Temp: 21.8; Tissue Temp: 22.2

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

With Enlarge Plot image

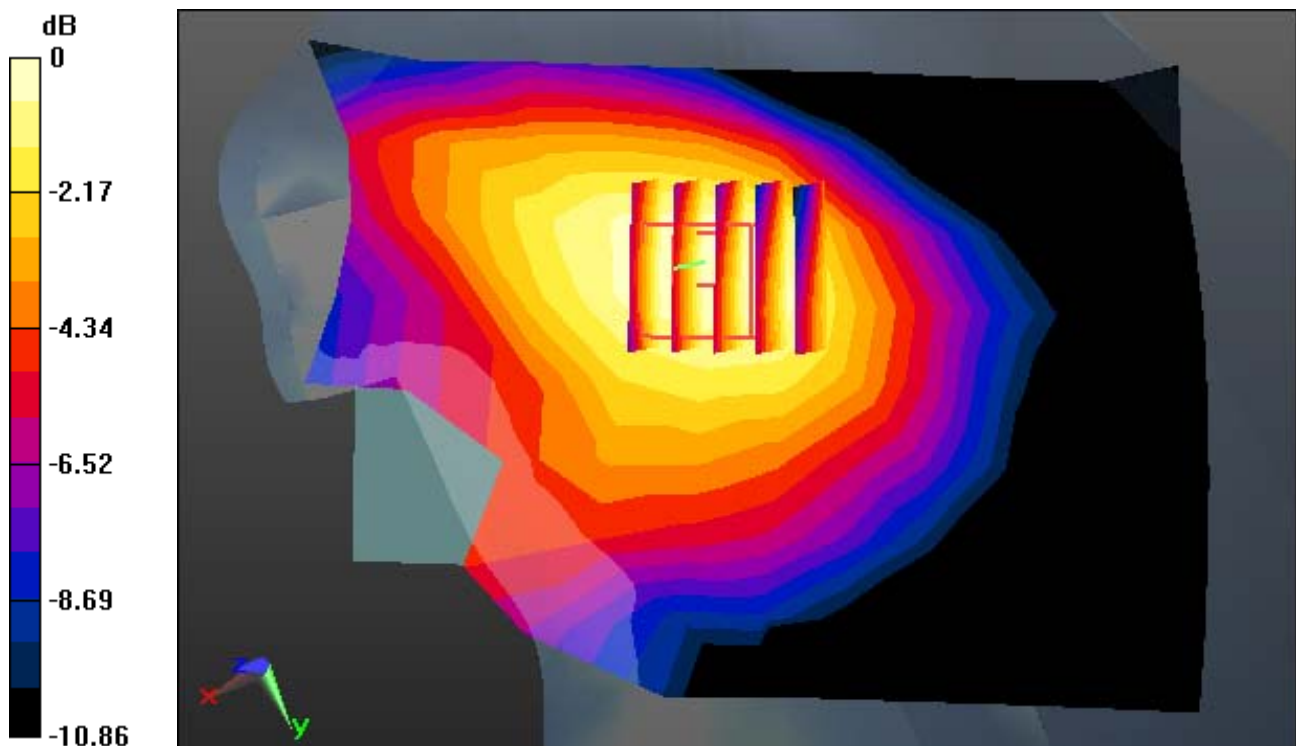
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.174 W/kg

SAR(1 g) = 0.138 W/kg ; SAR(10 g) = 0.106 W/kg



0 dB = 0.158 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.758$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-20; Ambient Temp: 21.8; Tissue Temp: 22.2

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

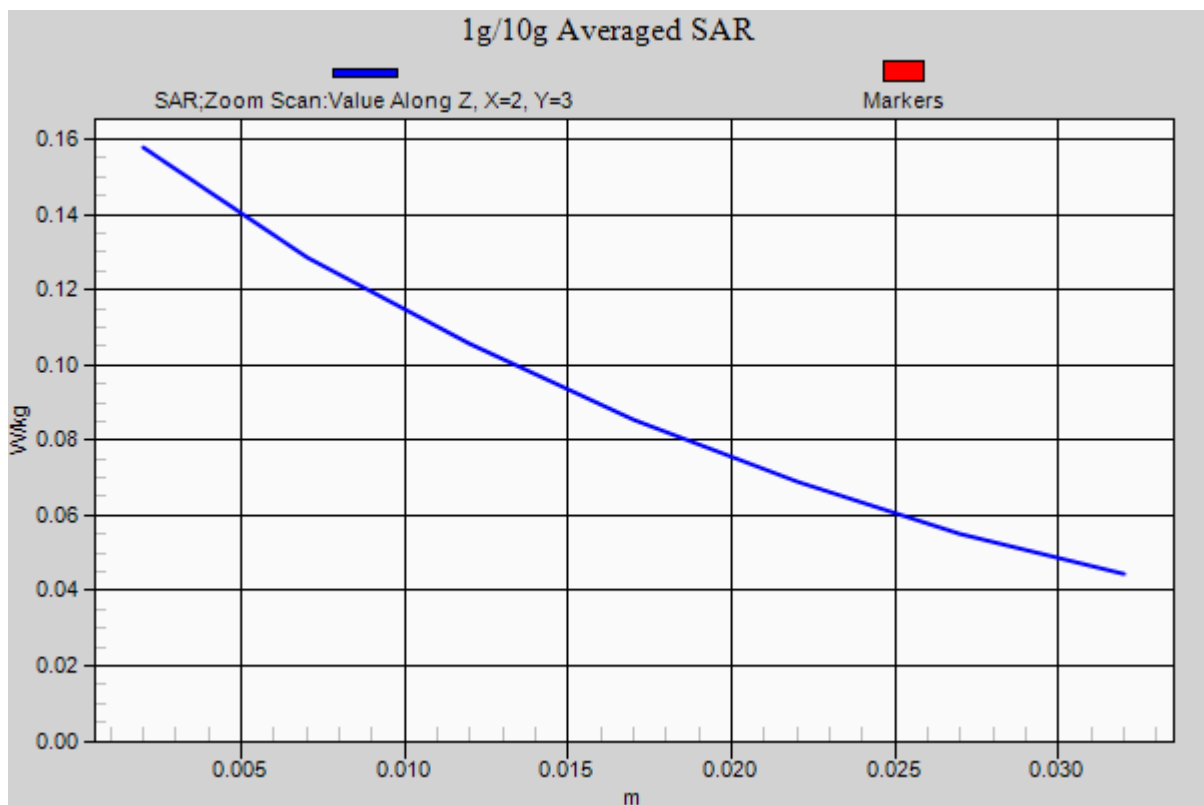
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.106 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

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

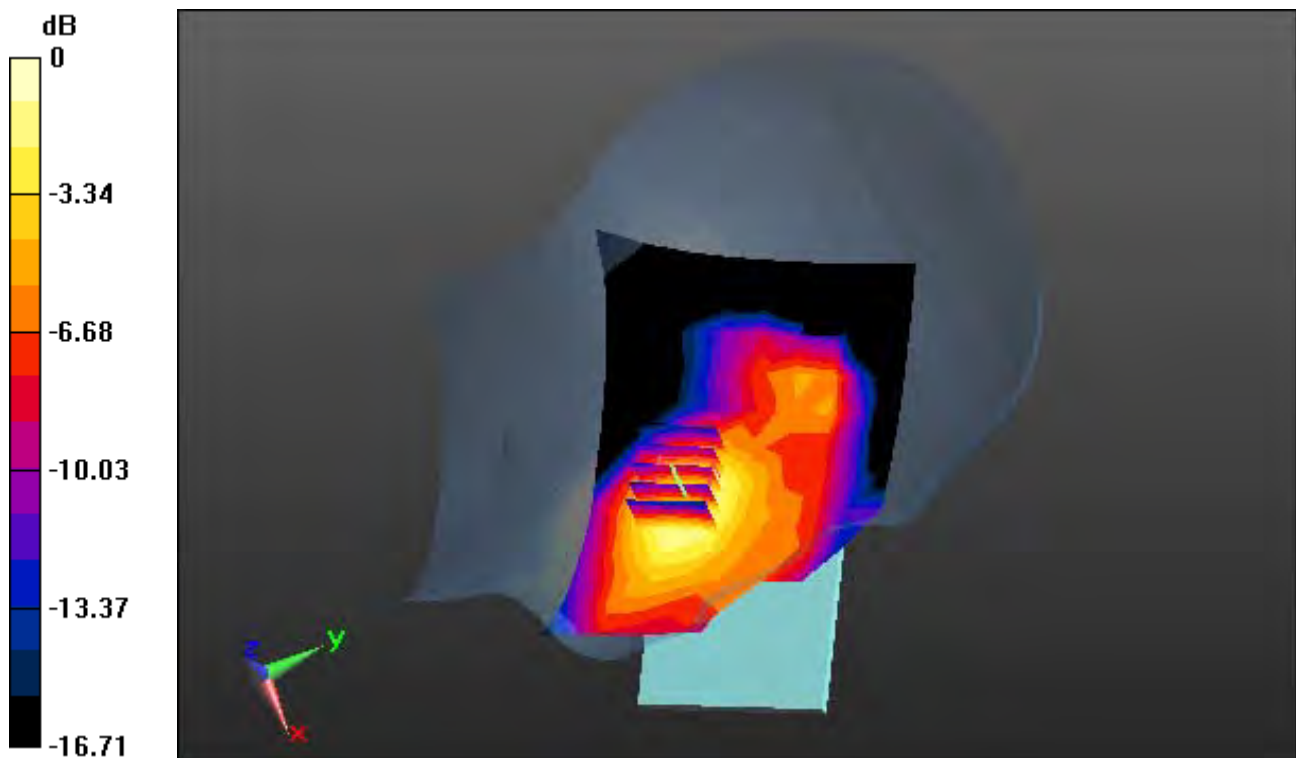
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.164 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

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

With Enlarge Plot image

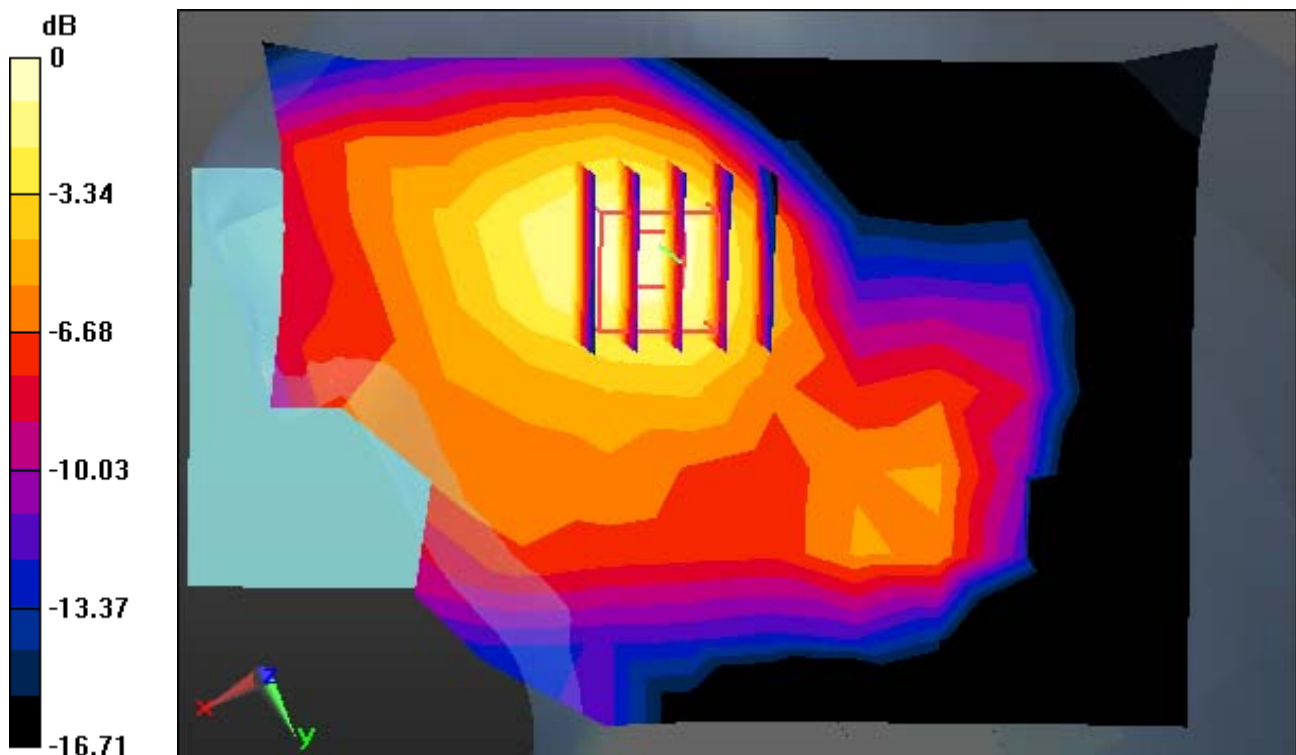
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.164 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

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

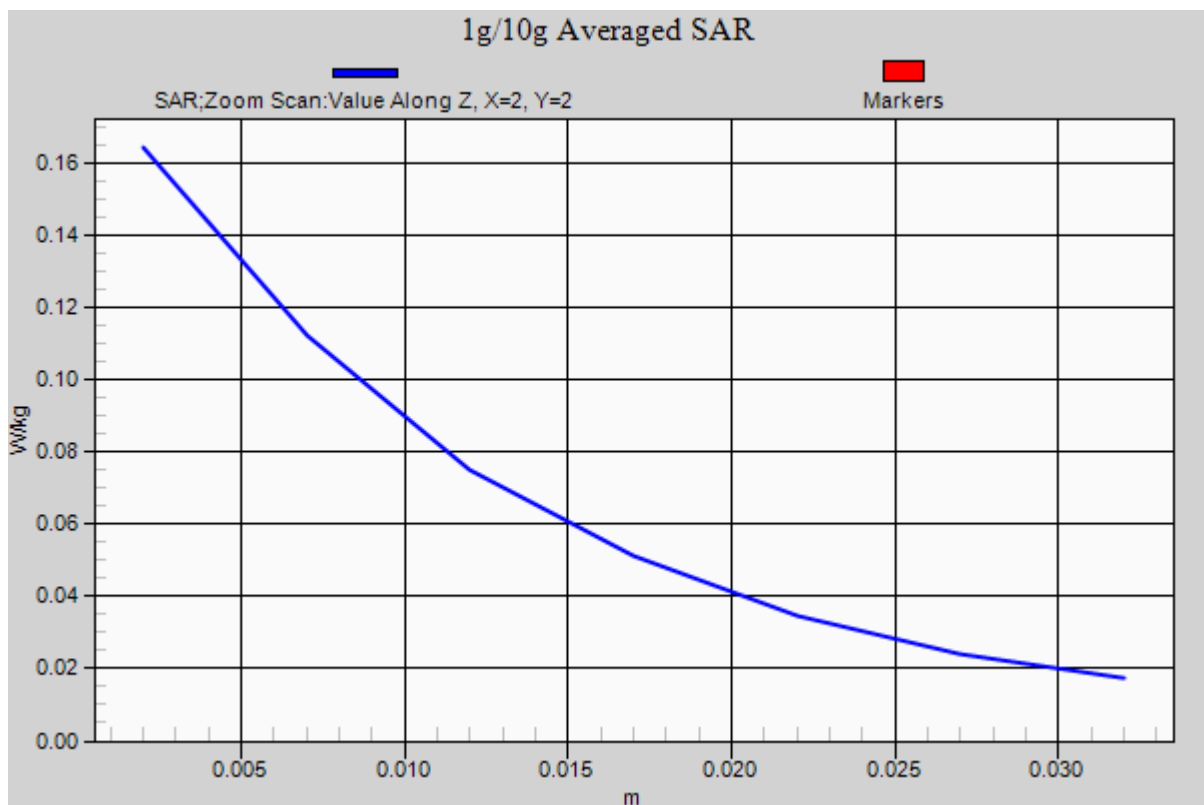
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.081 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

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

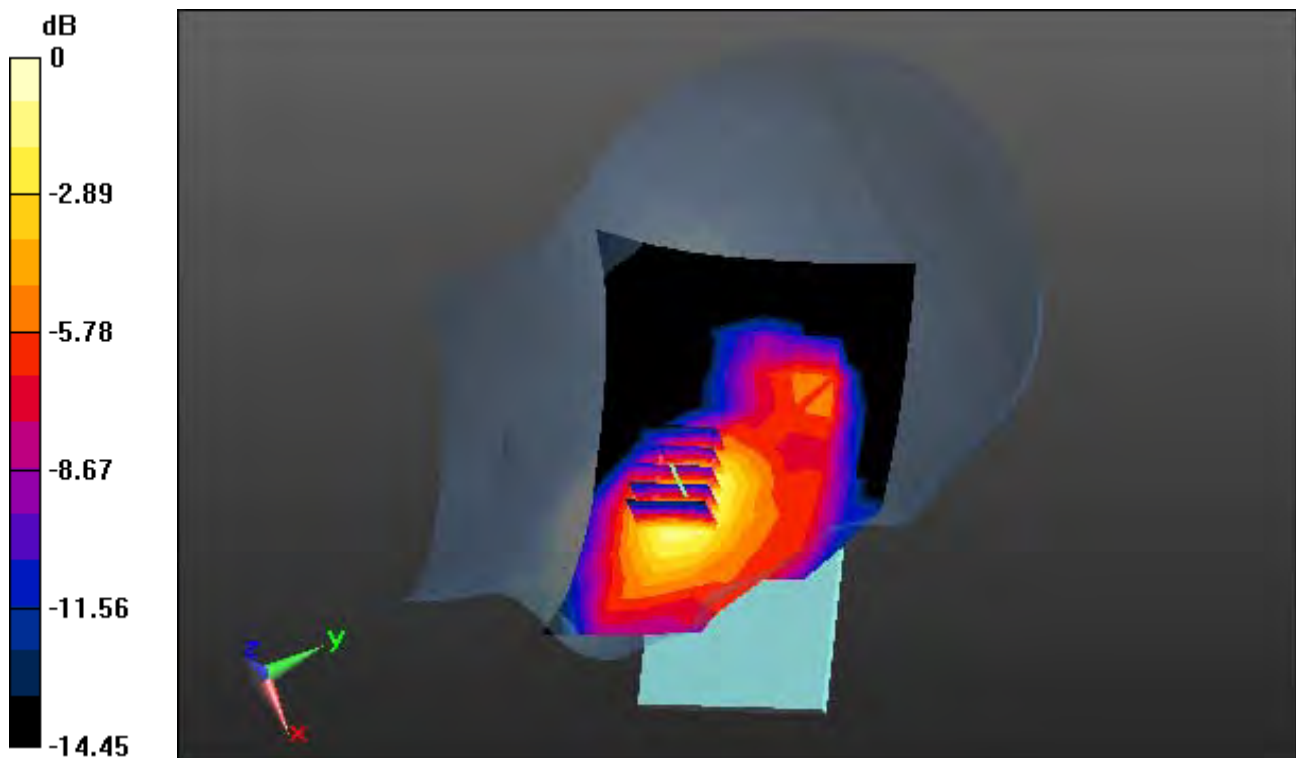
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.103 W/kg



0 dB = 0.208 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.386 \text{ S/m}$; $\epsilon_r = 39.86$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

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

With Enlarge Plot image

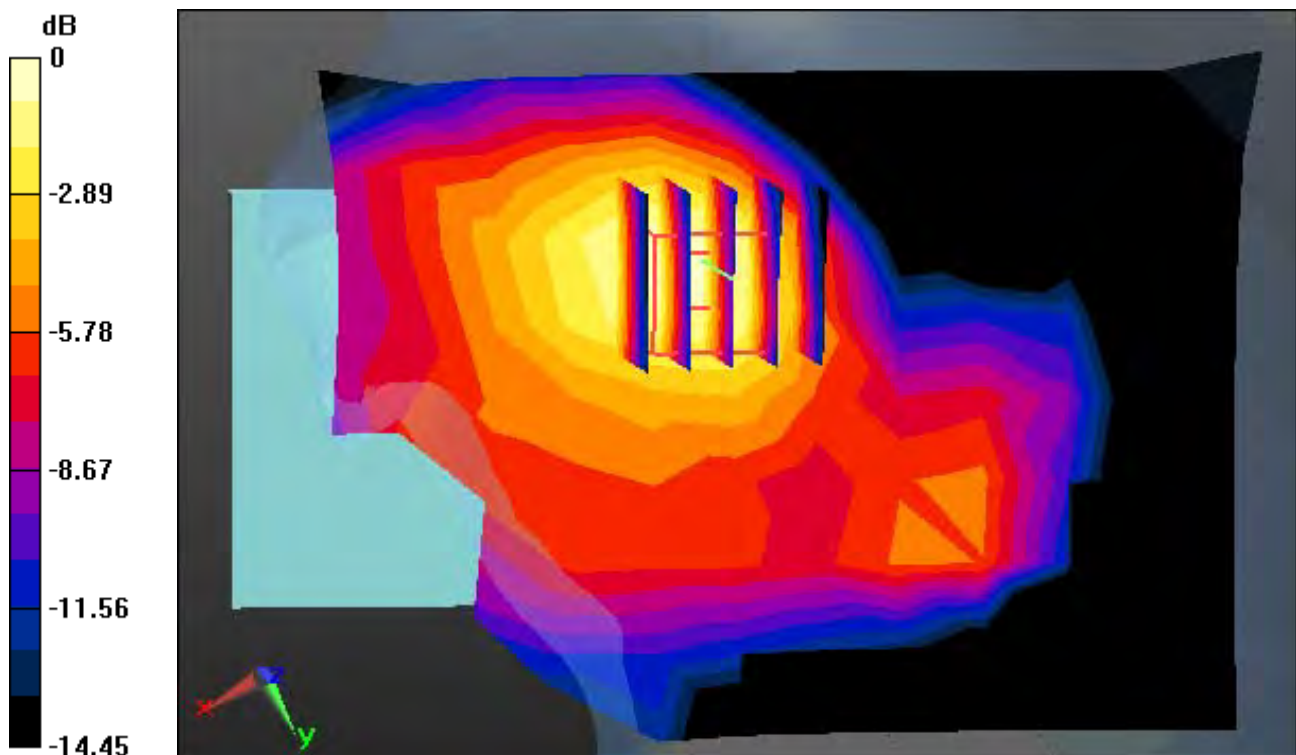
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.103 W/kg



0 dB = 0.208 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-22; Ambient Temp: 21.3; Tissue Temp: 21.9

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

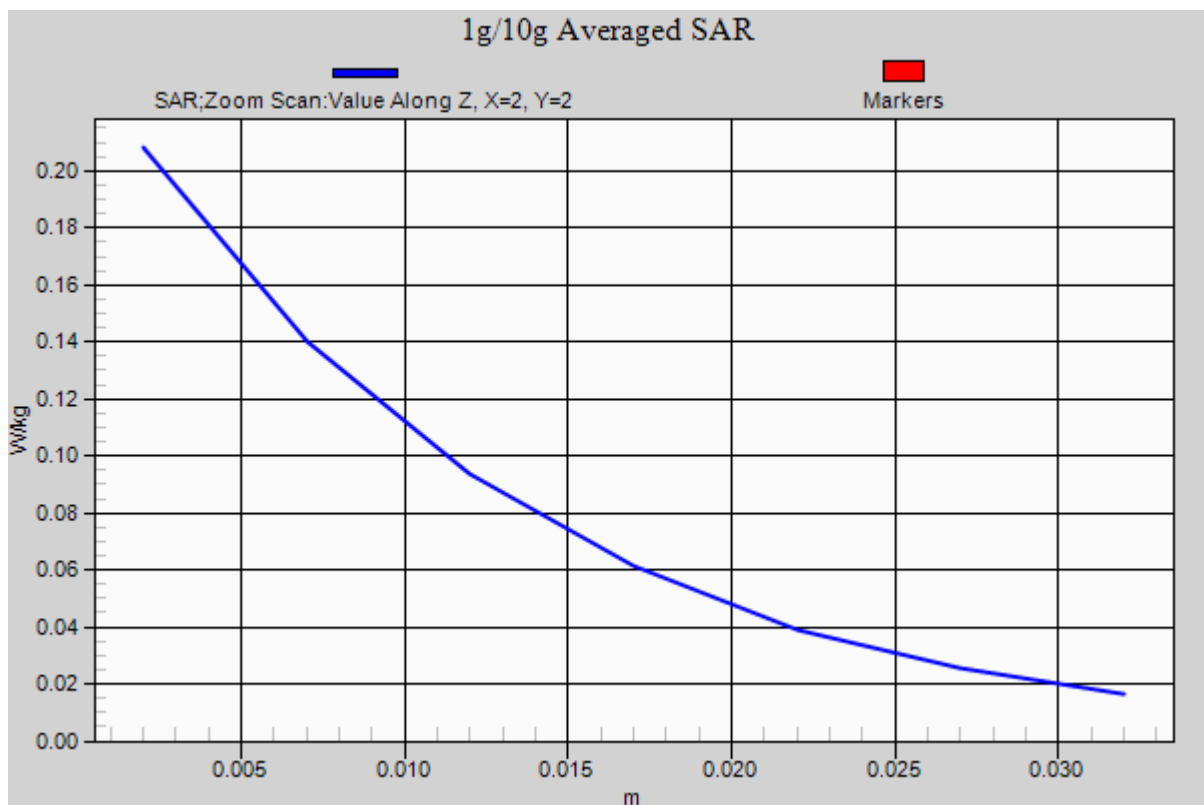
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.103 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.764$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-26; Ambient Temp: 21.9; Tissue Temp: 22.3

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

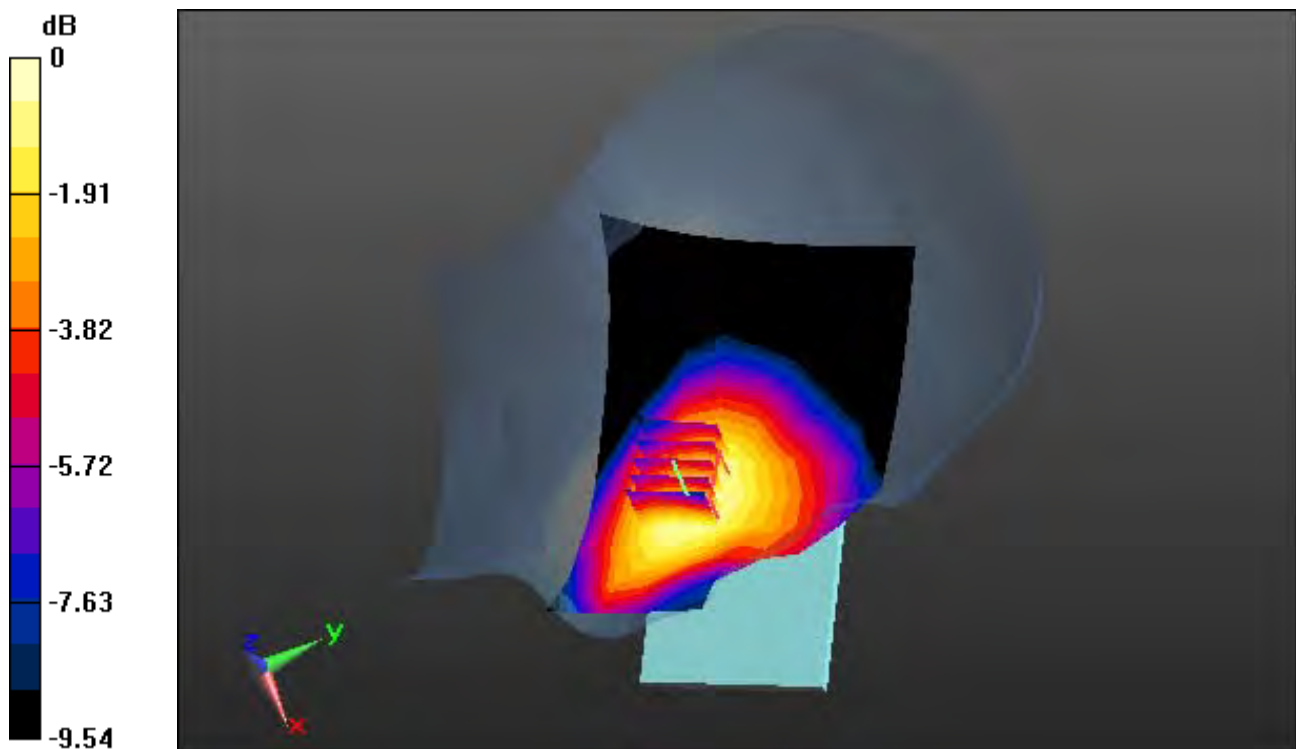
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.193 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.123 W/kg



0 dB = 0.177 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.764$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-26; Ambient Temp: 21.9; Tissue Temp: 22.3

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

With Enlarge Plot image

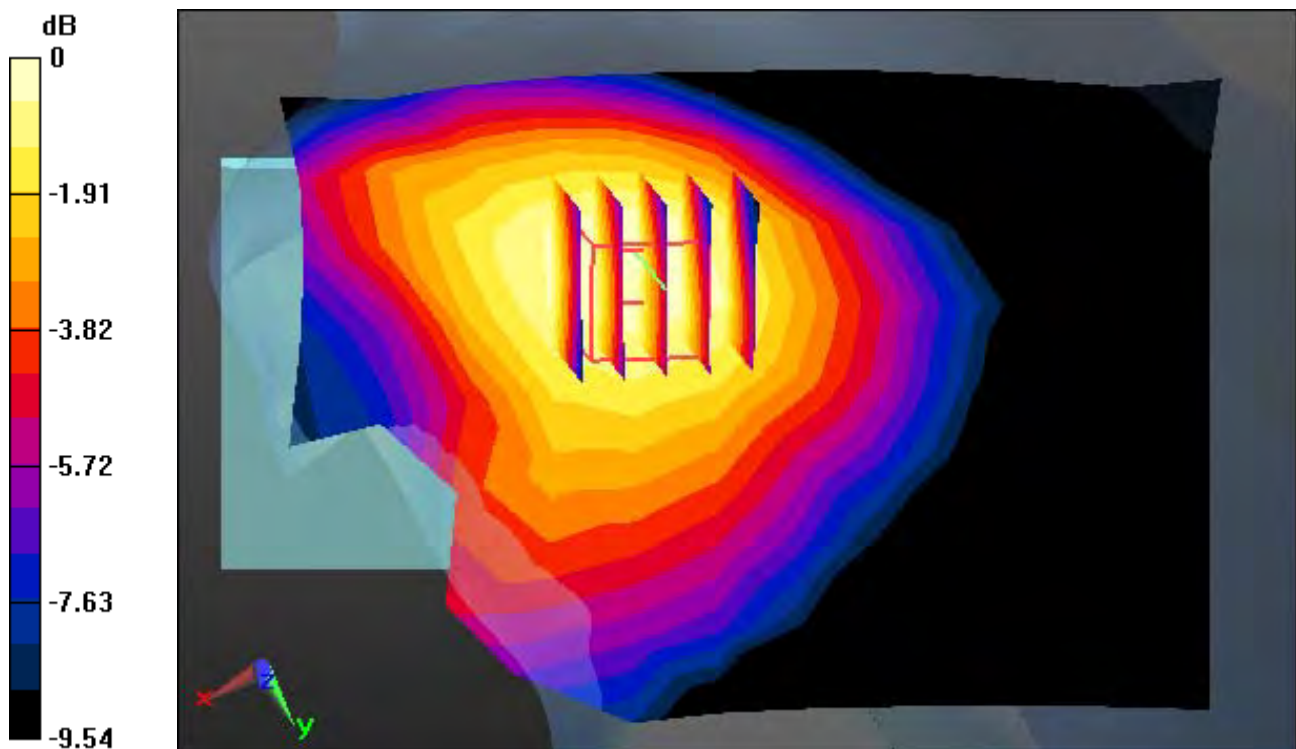
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.193 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.123 W/kg



0 dB = 0.177 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.764$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-26; Ambient Temp: 21.9; Tissue Temp: 22.3

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

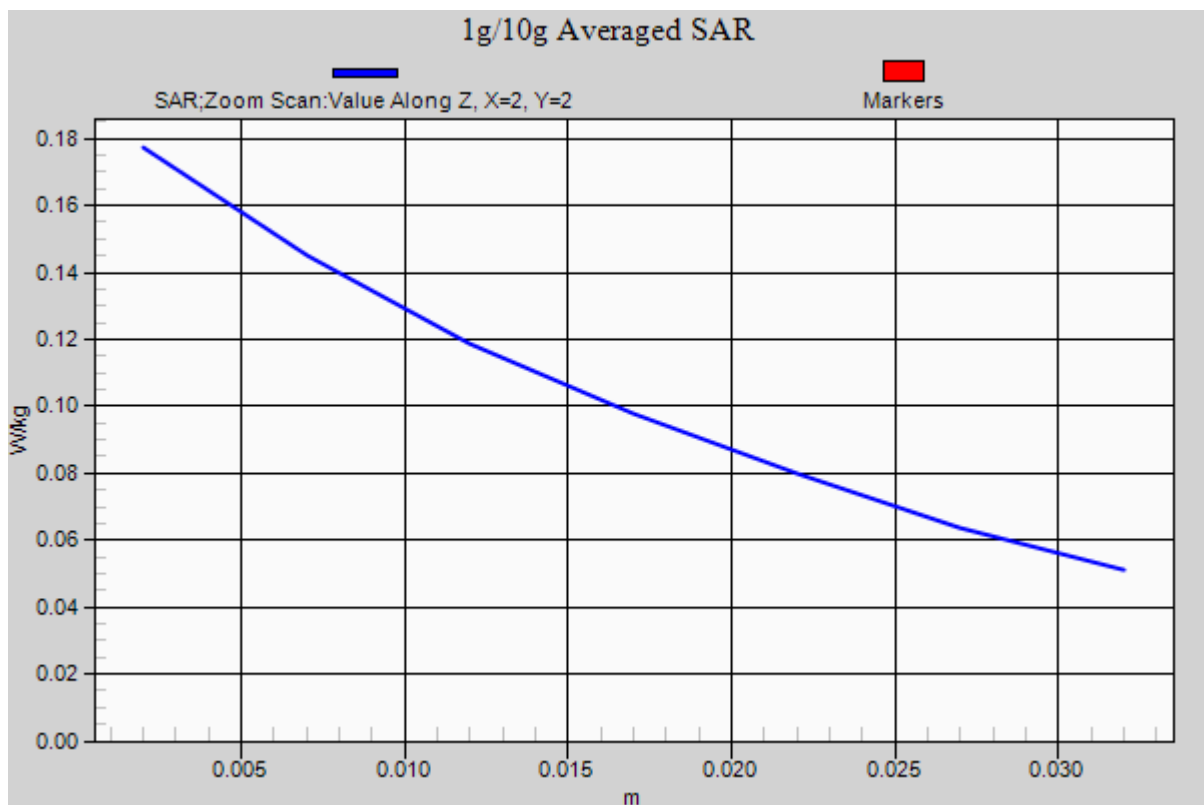
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.123 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.937$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.5

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

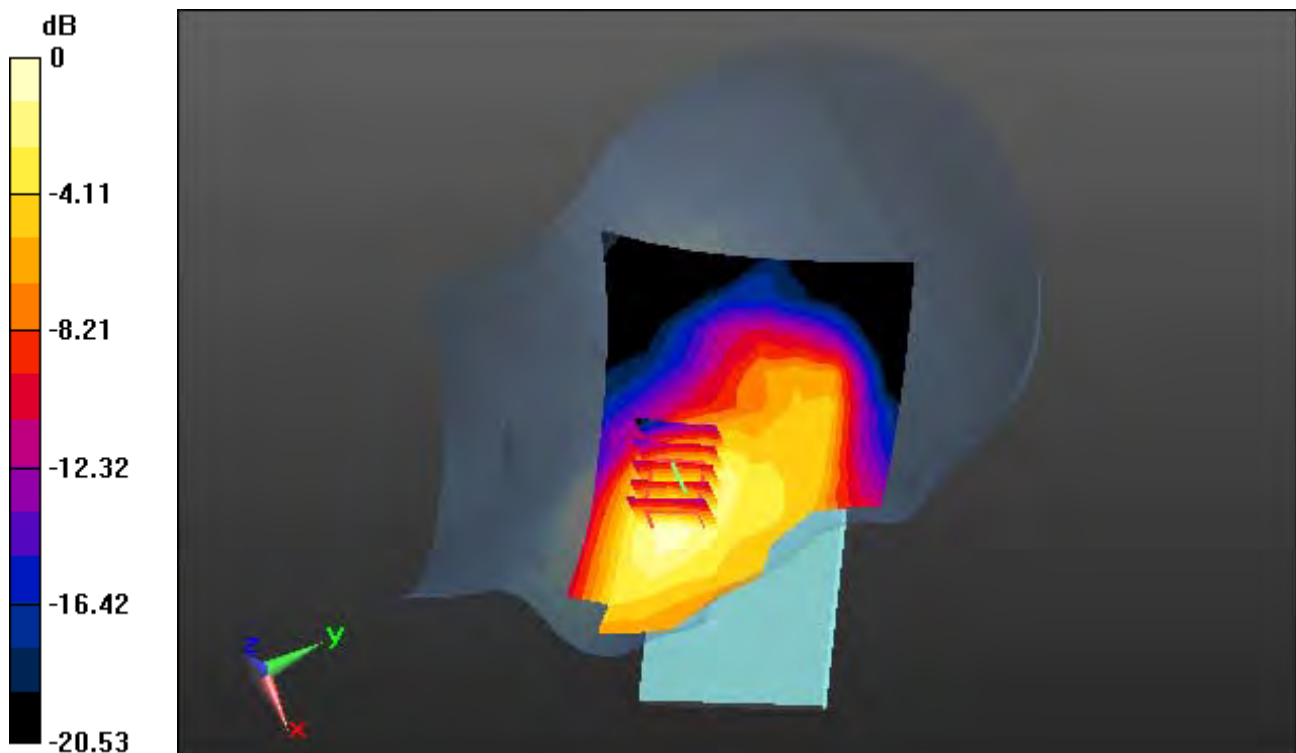
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.109 W/kg



0 dB = 0.208 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.386 \text{ S/m}$; $\epsilon_r = 39.937$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.5

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

With Enlarge Plot image

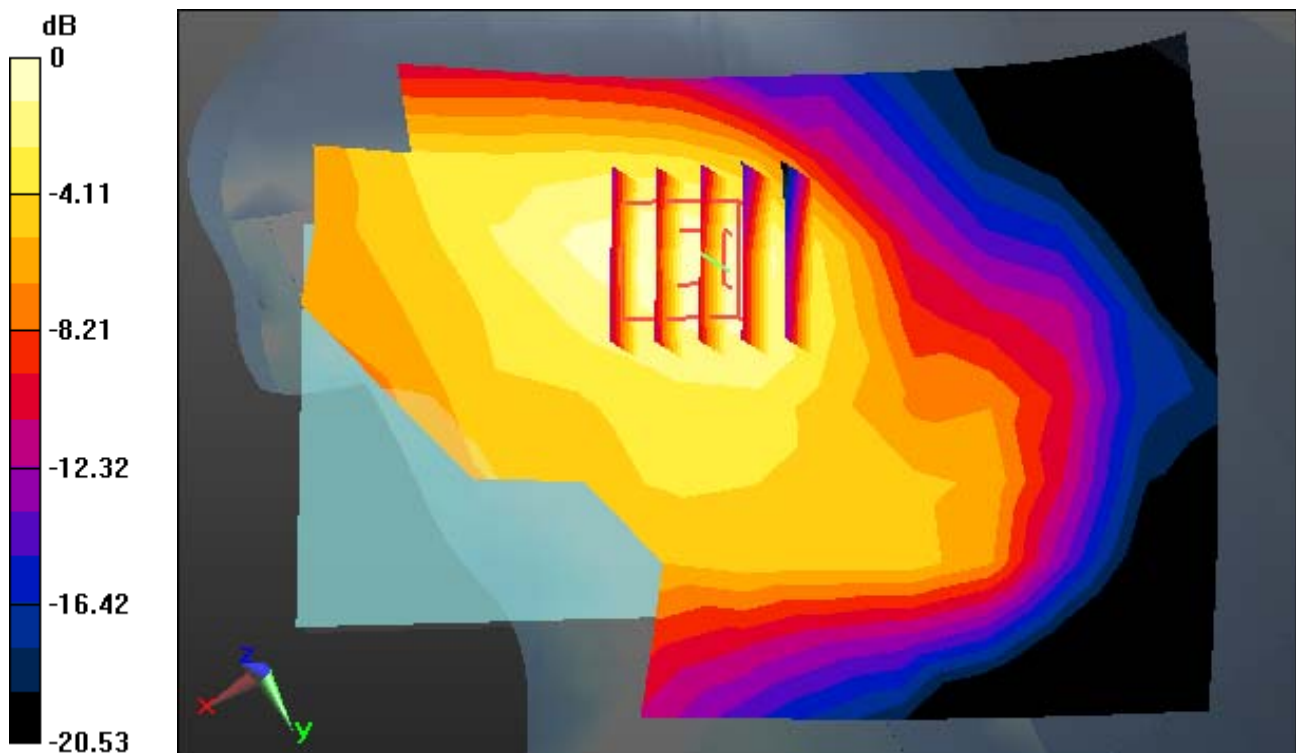
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.109 W/kg



0 dB = 0.208 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.937$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.93, 7.93, 7.93); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.5

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

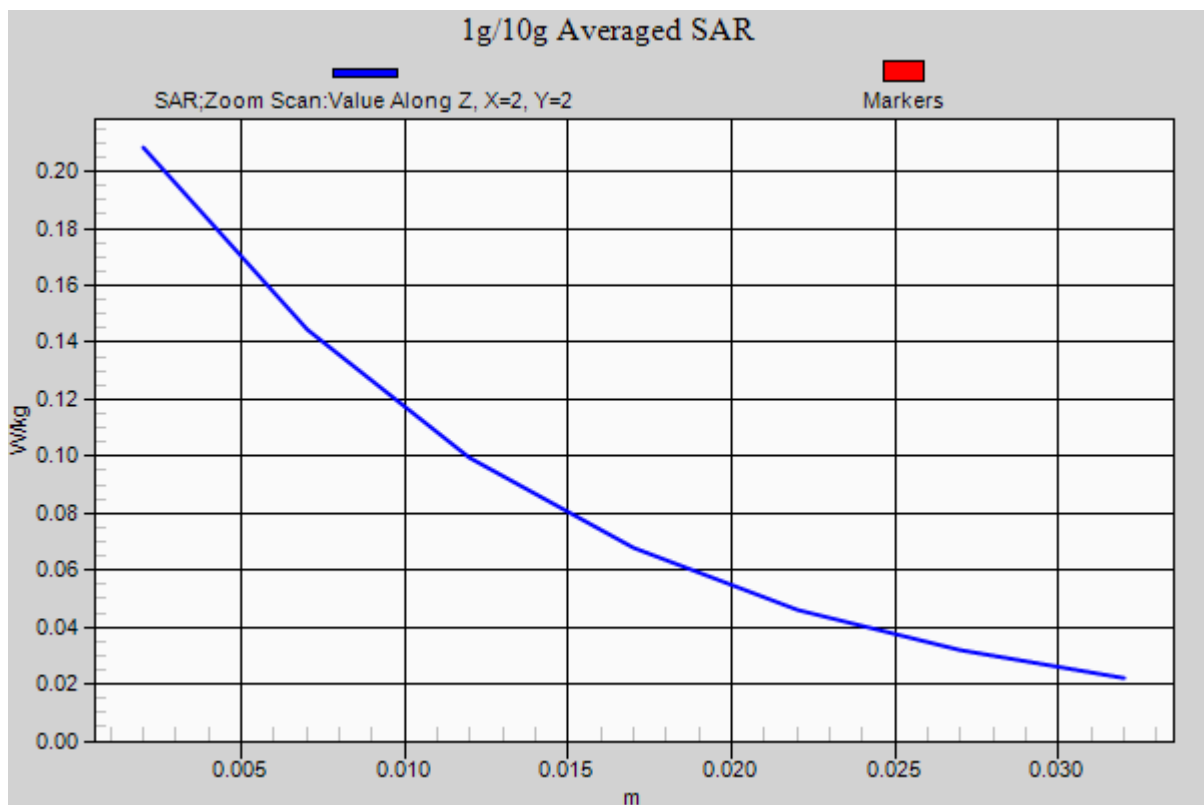
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.109 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 42.874$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(10.18, 10.18, 10.18); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-03; Ambient Temp: 21.8; Tissue Temp: 22.5

Left Touch, LTE Band 12 Ch. 23095, Ant Internal, Standard Battery

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

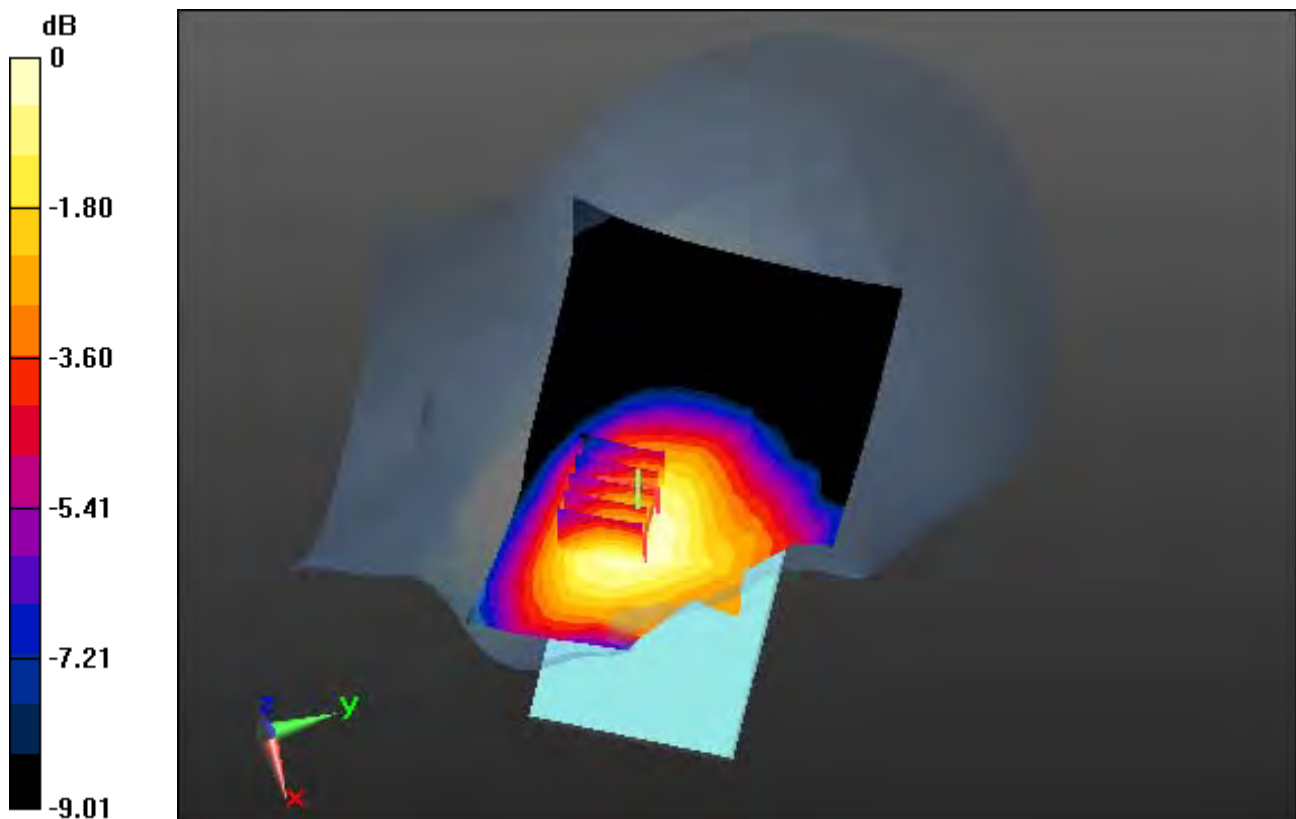
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.090 W/kg



0 dB = 0.122 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 42.874$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(10.18, 10.18, 10.18); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-03; Ambient Temp: 21.8; Tissue Temp: 22.5

Left Touch, LTE Band 12 Ch. 23095, Ant Internal, Standard Battery

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

With Enlarge Plot image

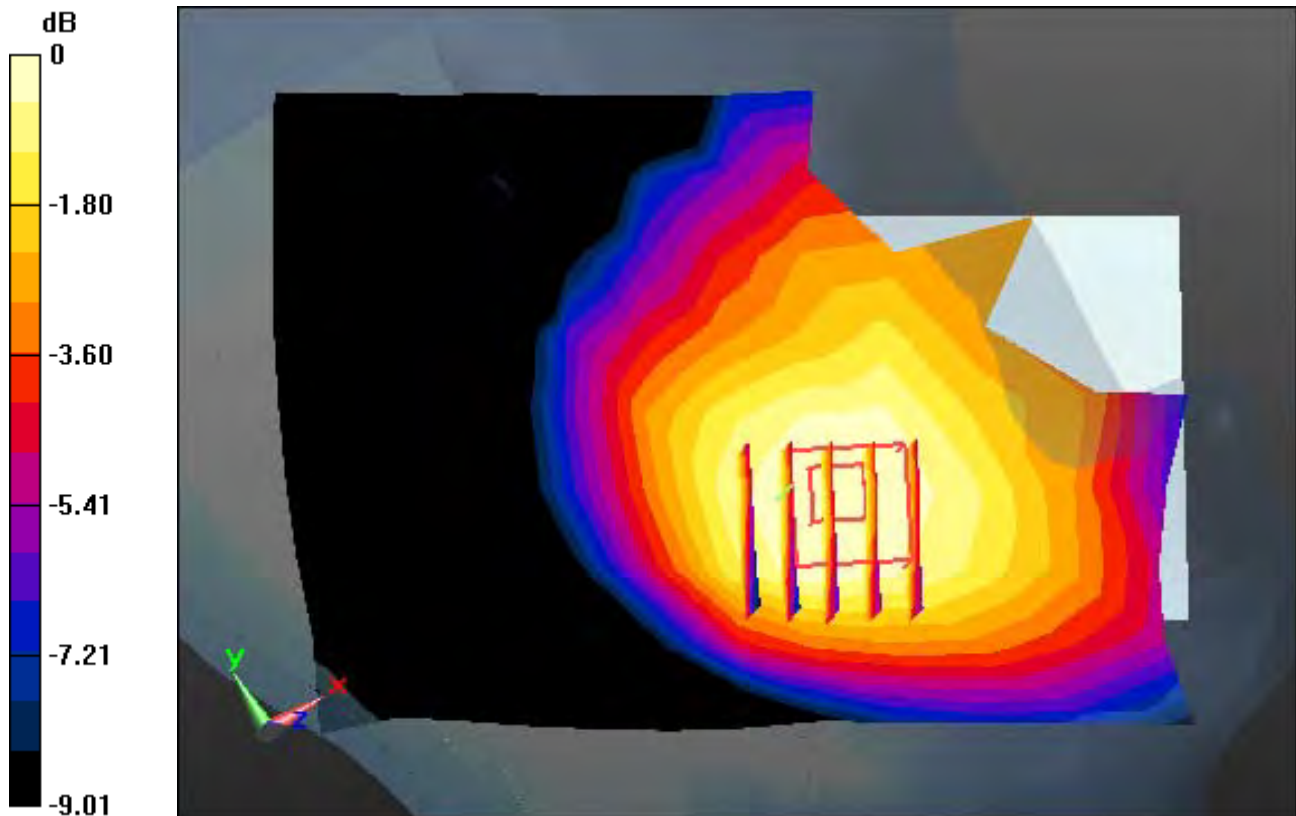
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.090 W/kg



0 dB = 0.122 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 42.874$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(10.18, 10.18, 10.18); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-03; Ambient Temp: 21.8; Tissue Temp: 22.5

Left Touch, LTE Band 12 Ch. 23095, Ant Internal, Standard Battery

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

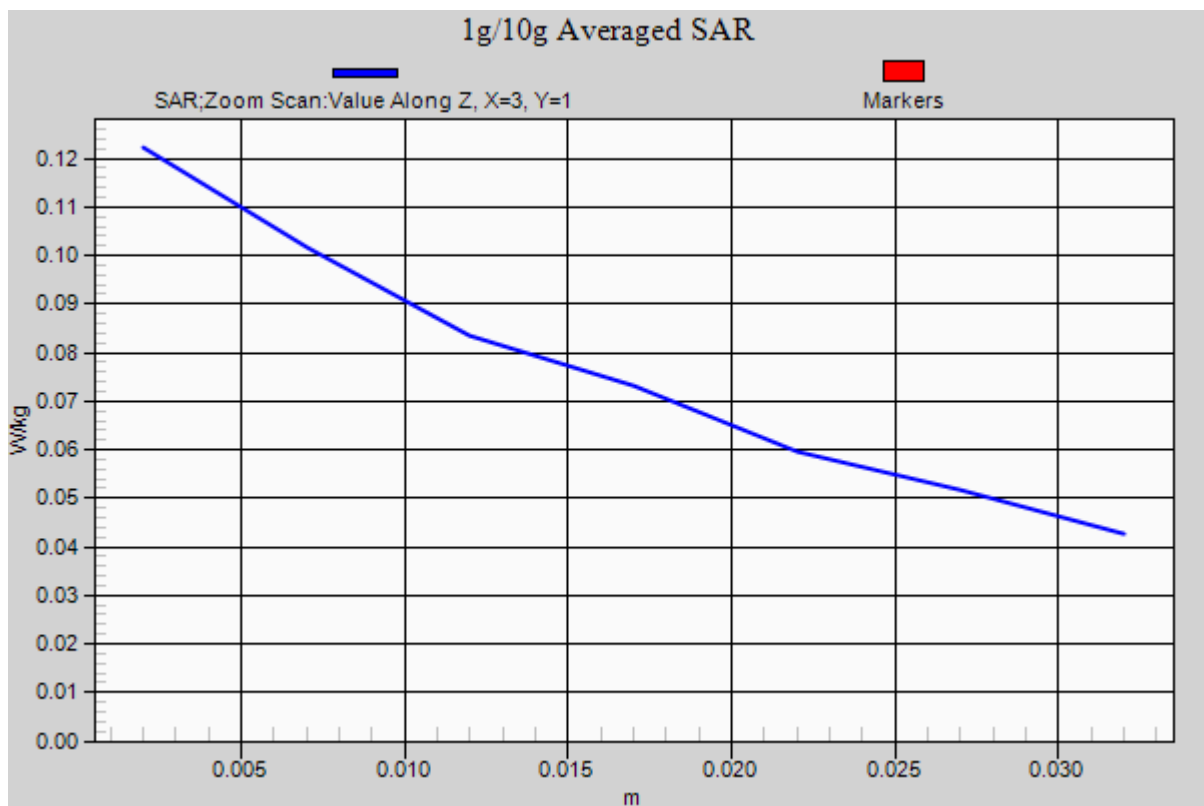
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.090 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.874 \text{ S/m}$; $\epsilon_r = 42.835$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(10.18, 10.18, 10.18); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-03; Ambient Temp: 21.8; Tissue Temp: 22.5

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

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

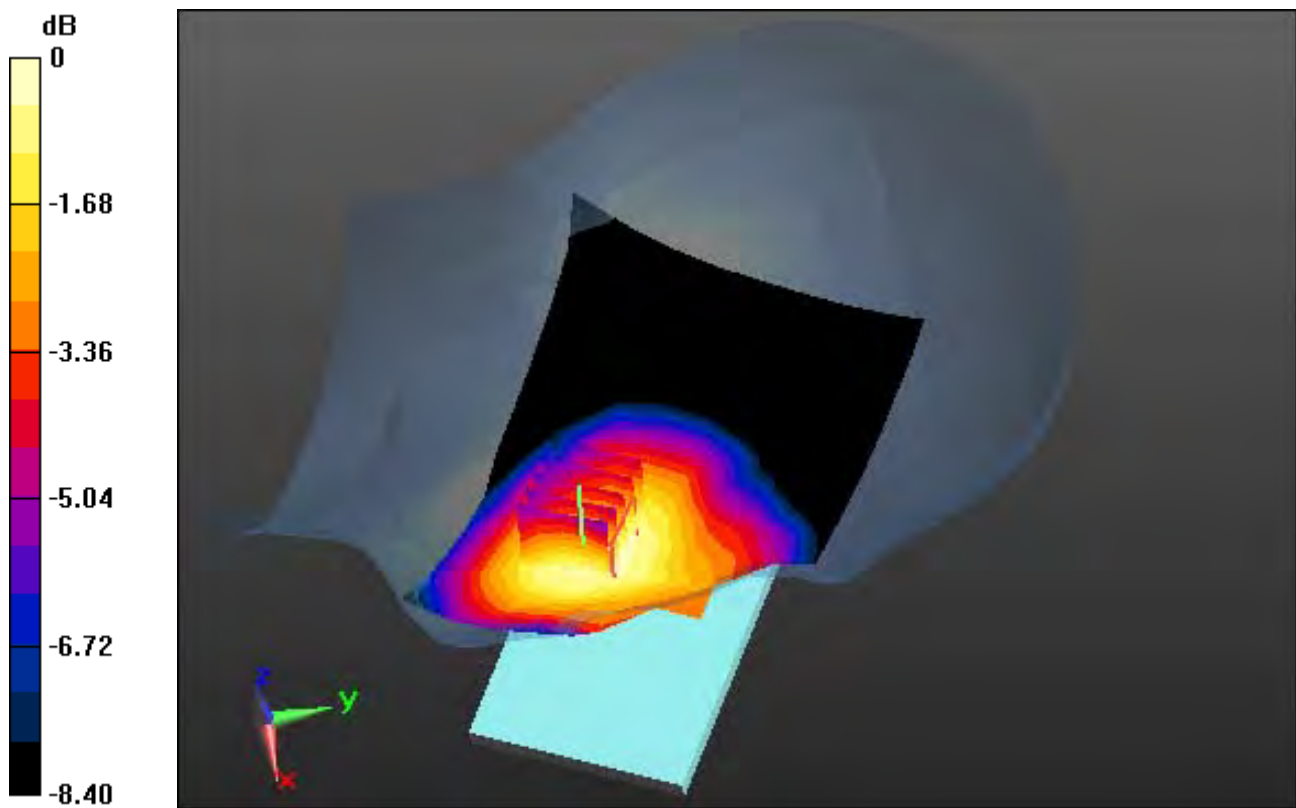
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.101 W/kg



0 dB = 0.135 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.874 \text{ S/m}$; $\epsilon_r = 42.835$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(10.18, 10.18, 10.18); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-03; Ambient Temp: 21.8; Tissue Temp: 22.5

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

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

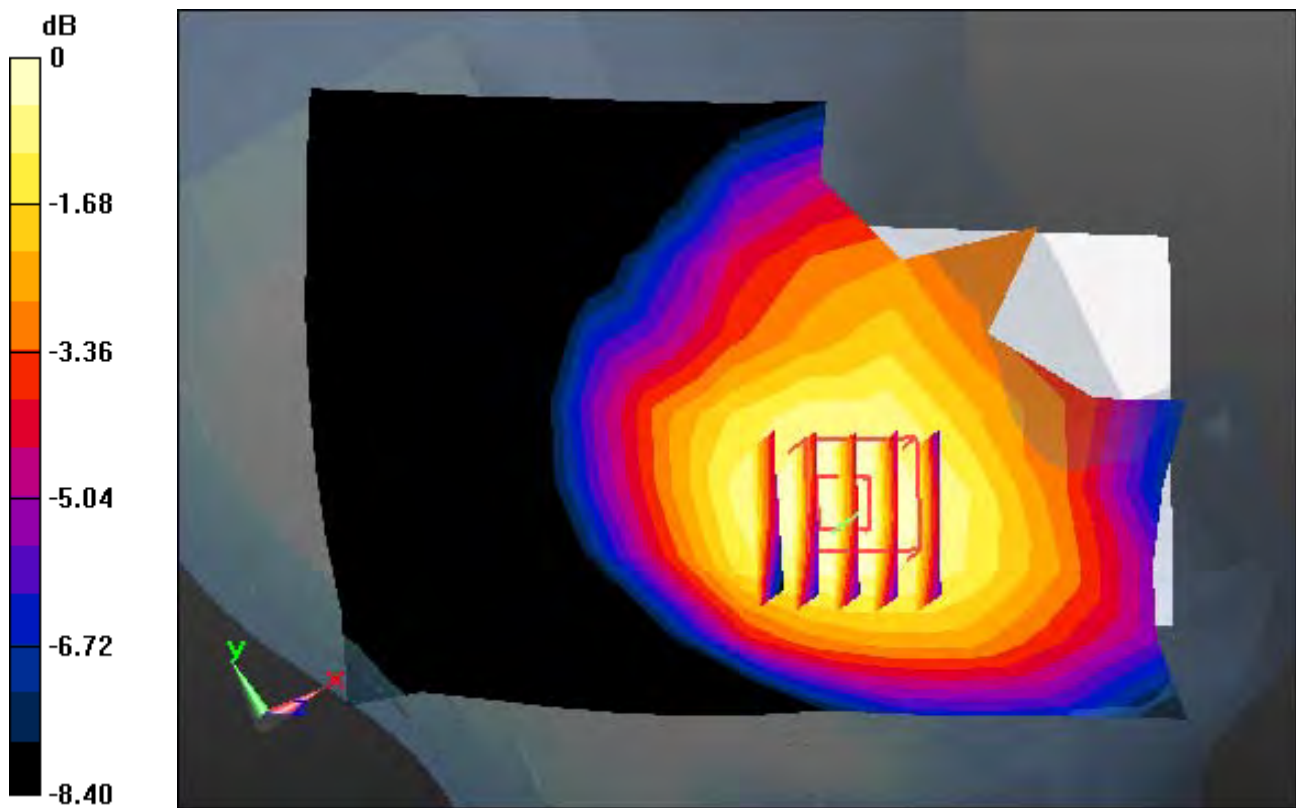
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.101 W/kg



0 dB = 0.135 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.874 \text{ S/m}$; $\epsilon_r = 42.835$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(10.18, 10.18, 10.18); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-03; Ambient Temp: 21.8; Tissue Temp: 22.5

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

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

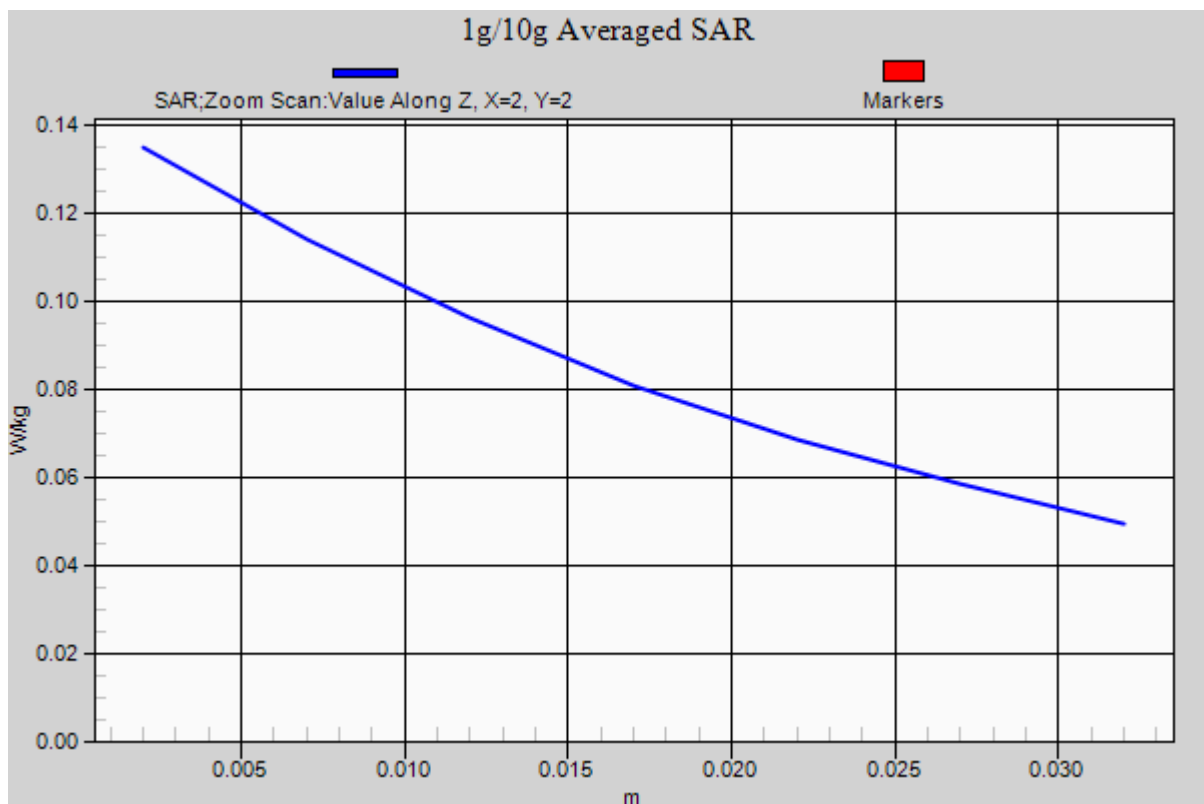
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.101 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 40.223$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.0

Left Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery

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

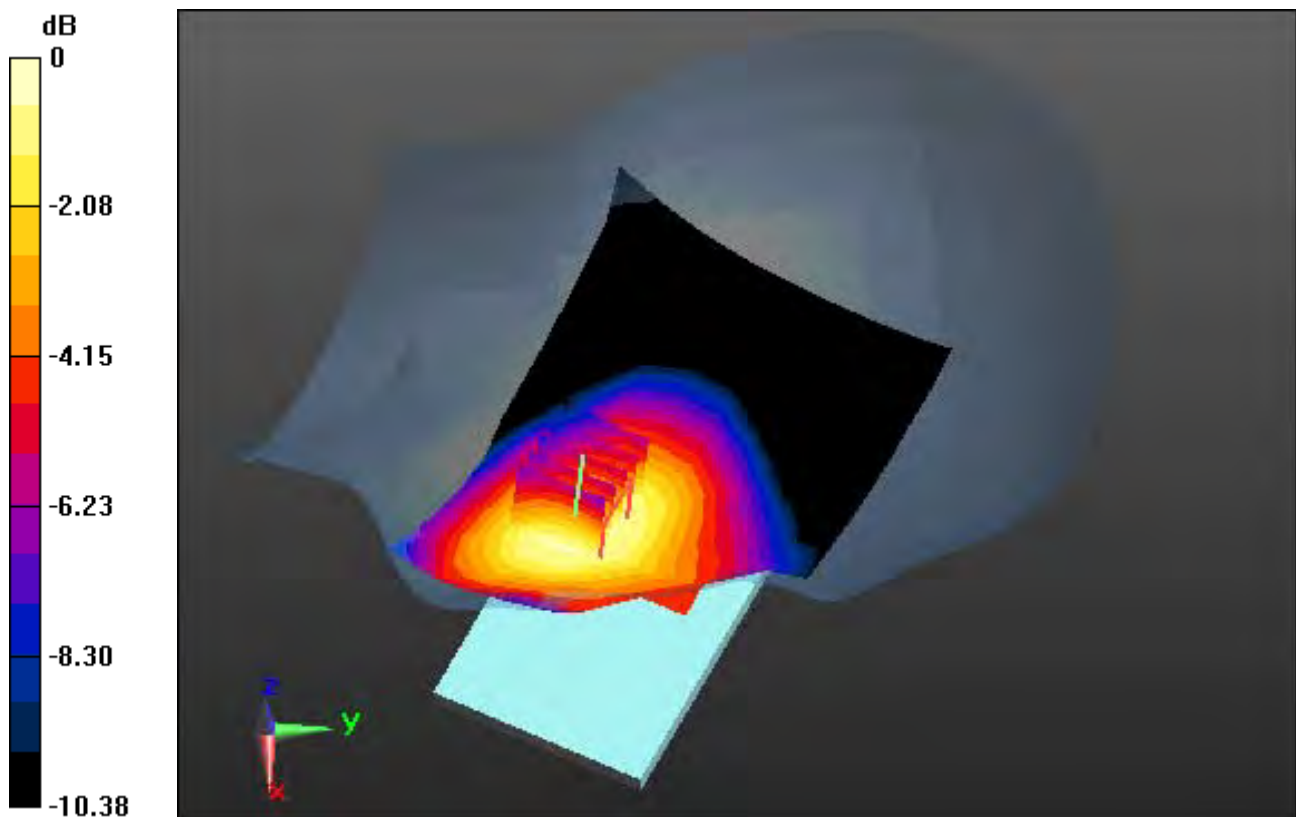
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.149 W/kg



0 dB = 0.217 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 40.223$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.0

Left Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery

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

With Enlarge Plot image

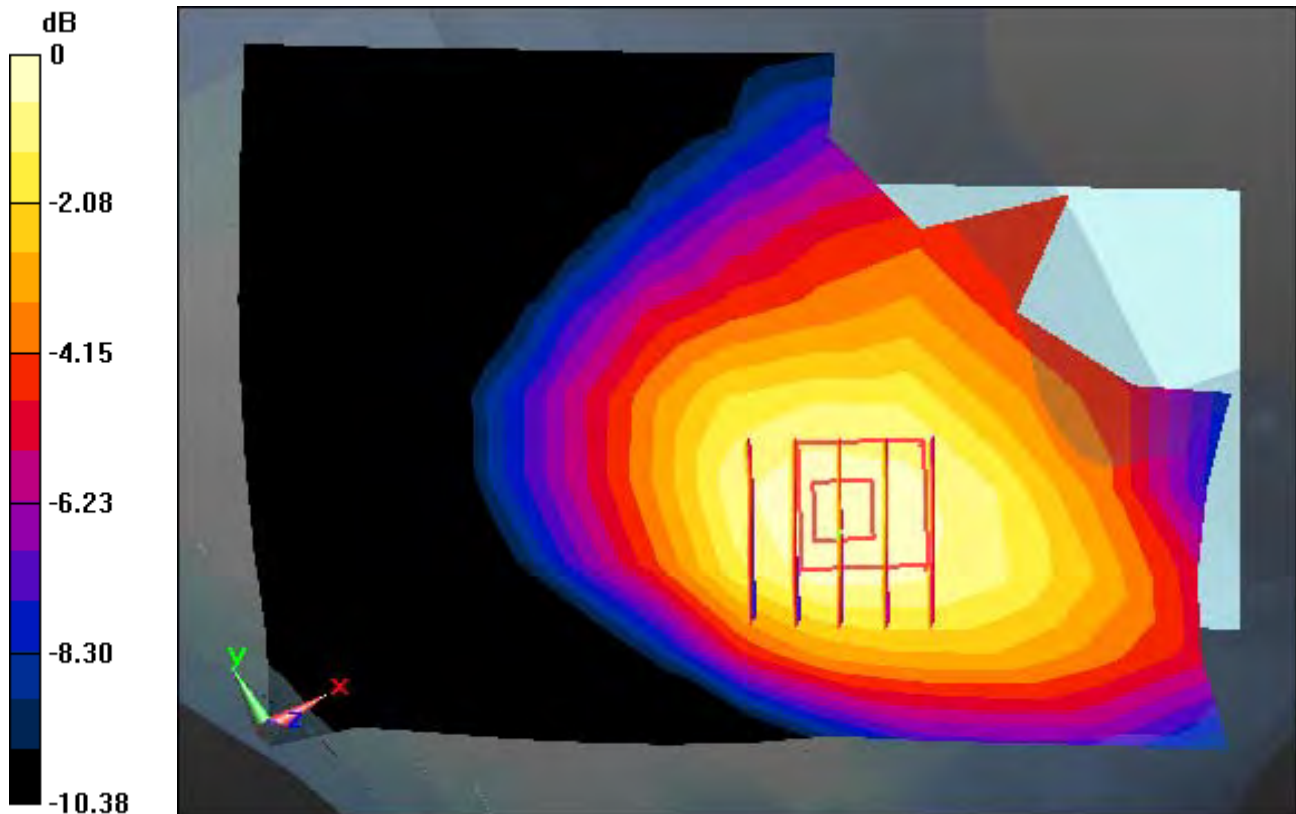
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.149 W/kg



0 dB = 0.217 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 40.223$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.6, 9.6, 9.6); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.0

Left Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery

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

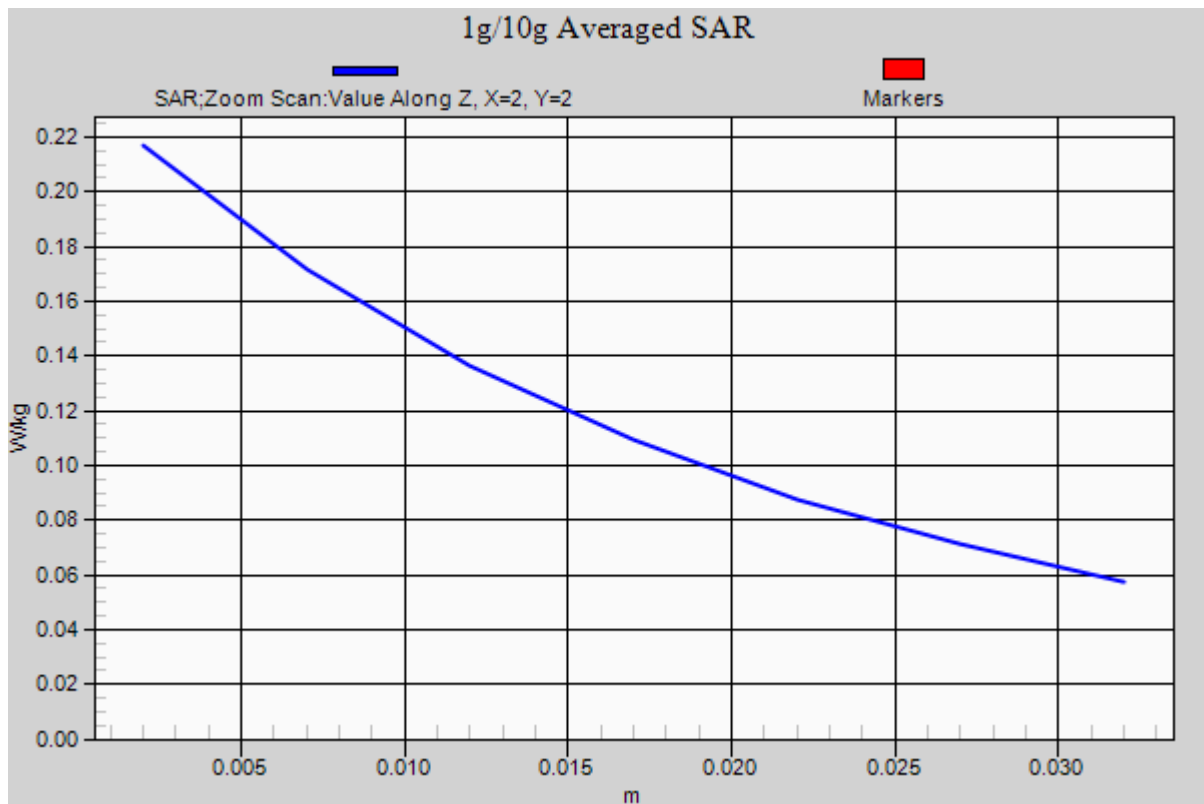
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.149 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.719$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.32, 8.32, 8.32); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.7

Left Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

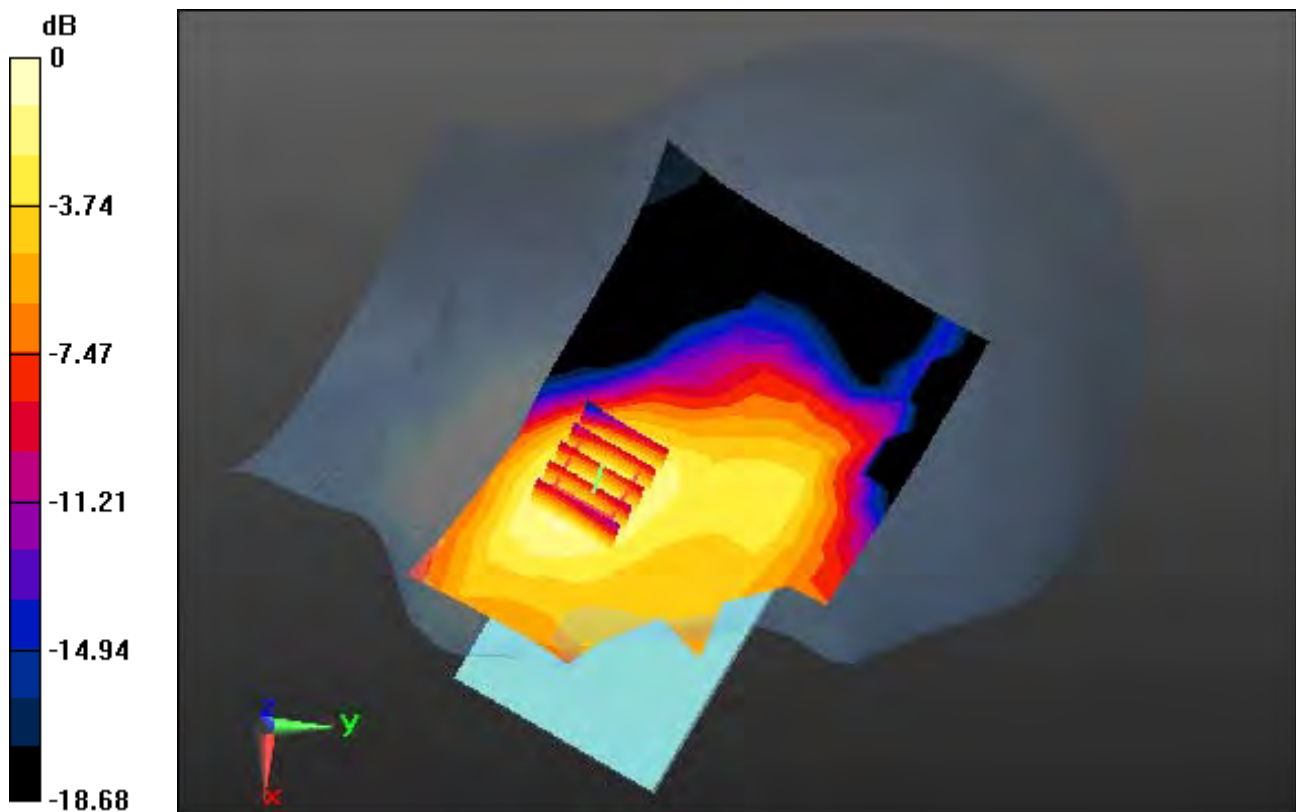
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.339 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.719$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.32, 8.32, 8.32); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.7

Left Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

With Enlarge Plot image

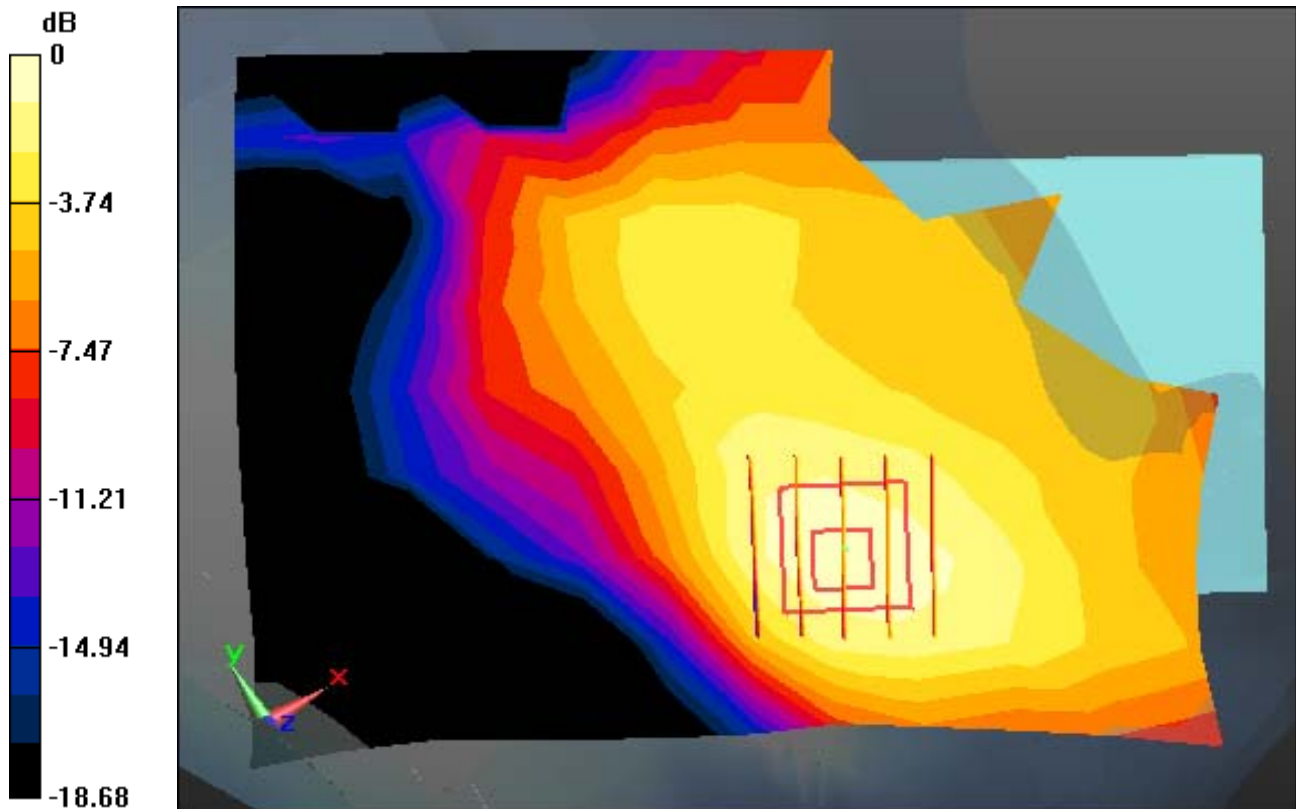
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.339 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.719$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.32, 8.32, 8.32); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.7

Left Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

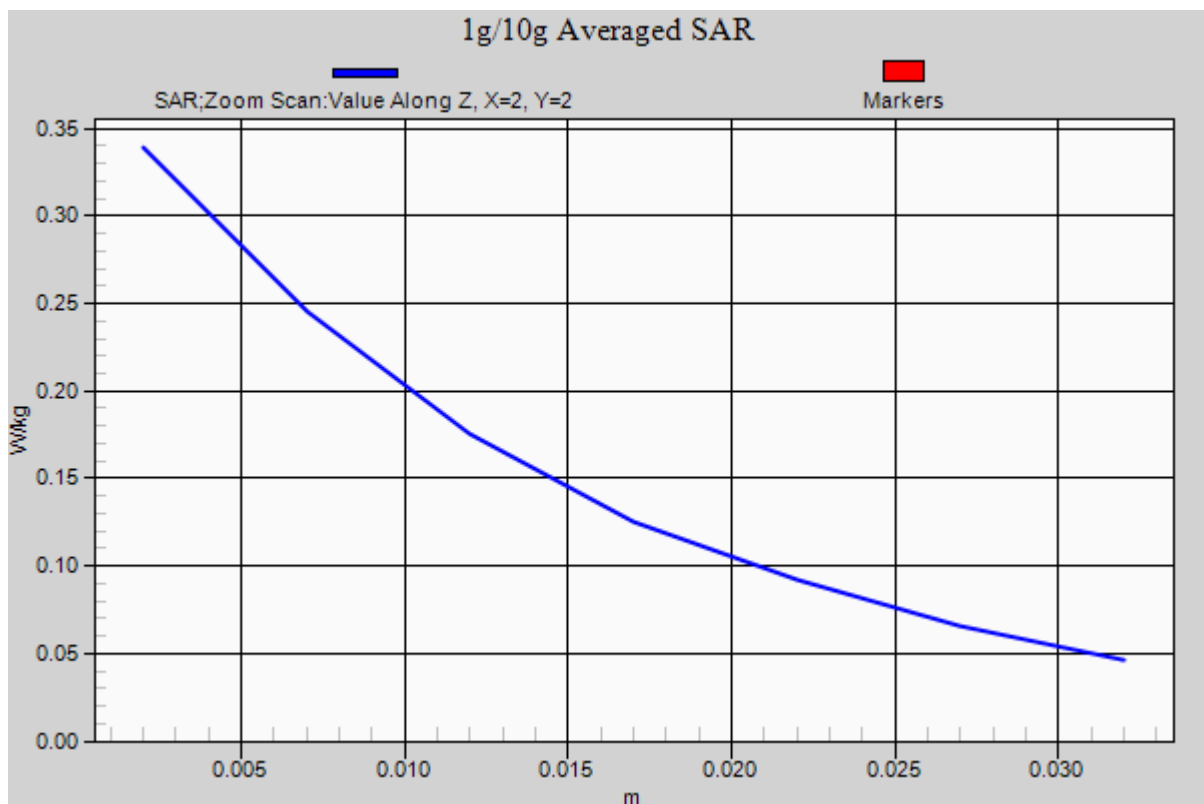
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.183 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.798 \text{ S/m}$; $\epsilon_r = 38.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-05; Ambient Temp: 21.8; Tissue Temp: 22.1

Right Touch, LTE Band 7 Ch. 20850, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

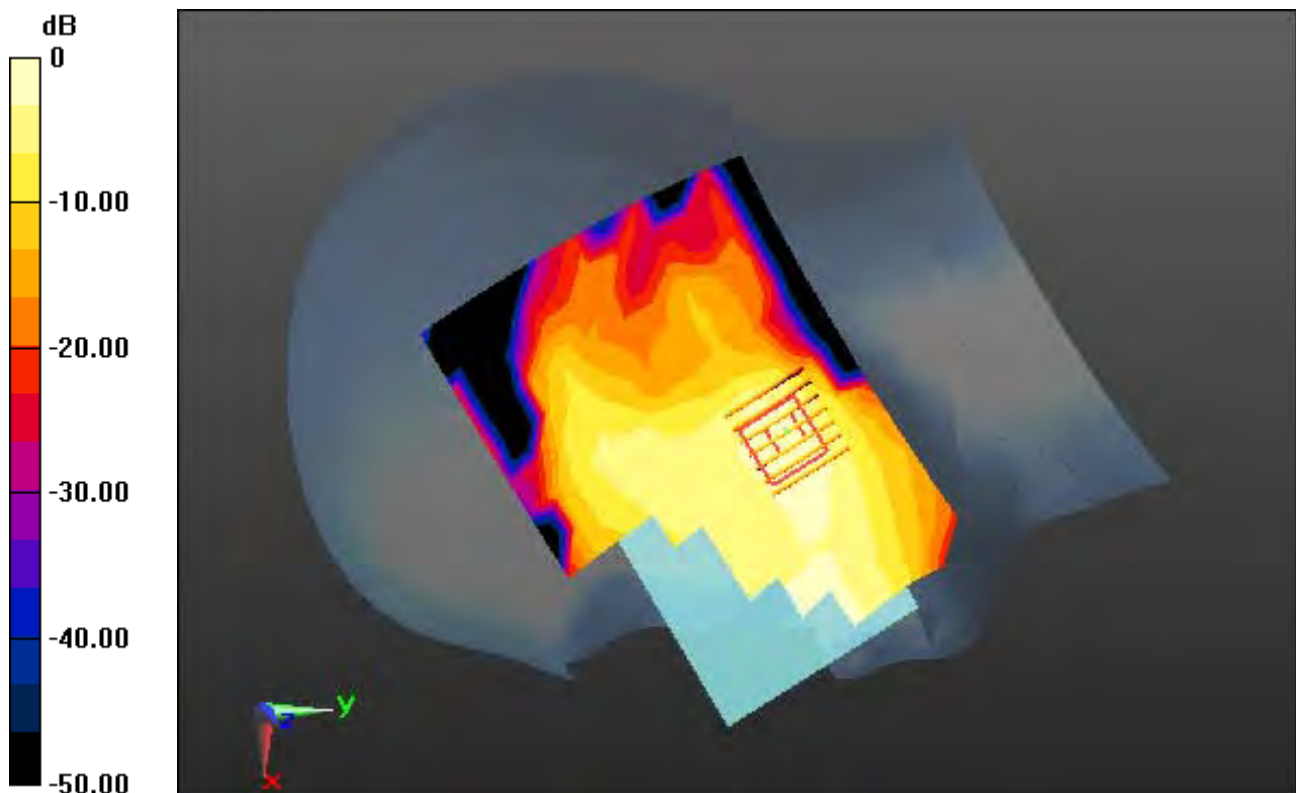
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.178 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.798 \text{ S/m}$; $\epsilon_r = 38.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-05; Ambient Temp: 21.8; Tissue Temp: 22.1

Right Touch, LTE Band 7 Ch. 20850, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

With Enlarge Plot image

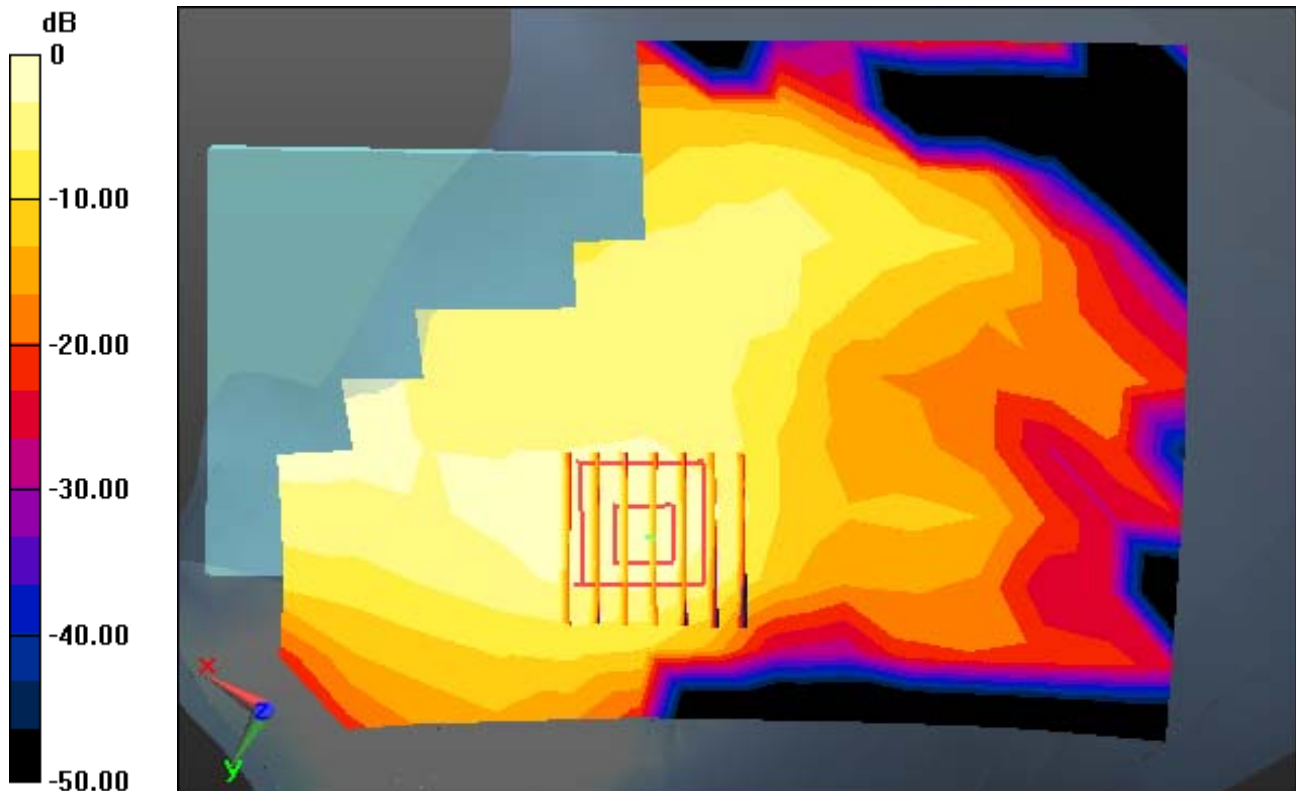
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.178 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.798$ S/m; $\epsilon_r = 38.747$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-05; Ambient Temp: 21.8; Tissue Temp: 22.1

Right Touch, LTE Band 7 Ch. 20850, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

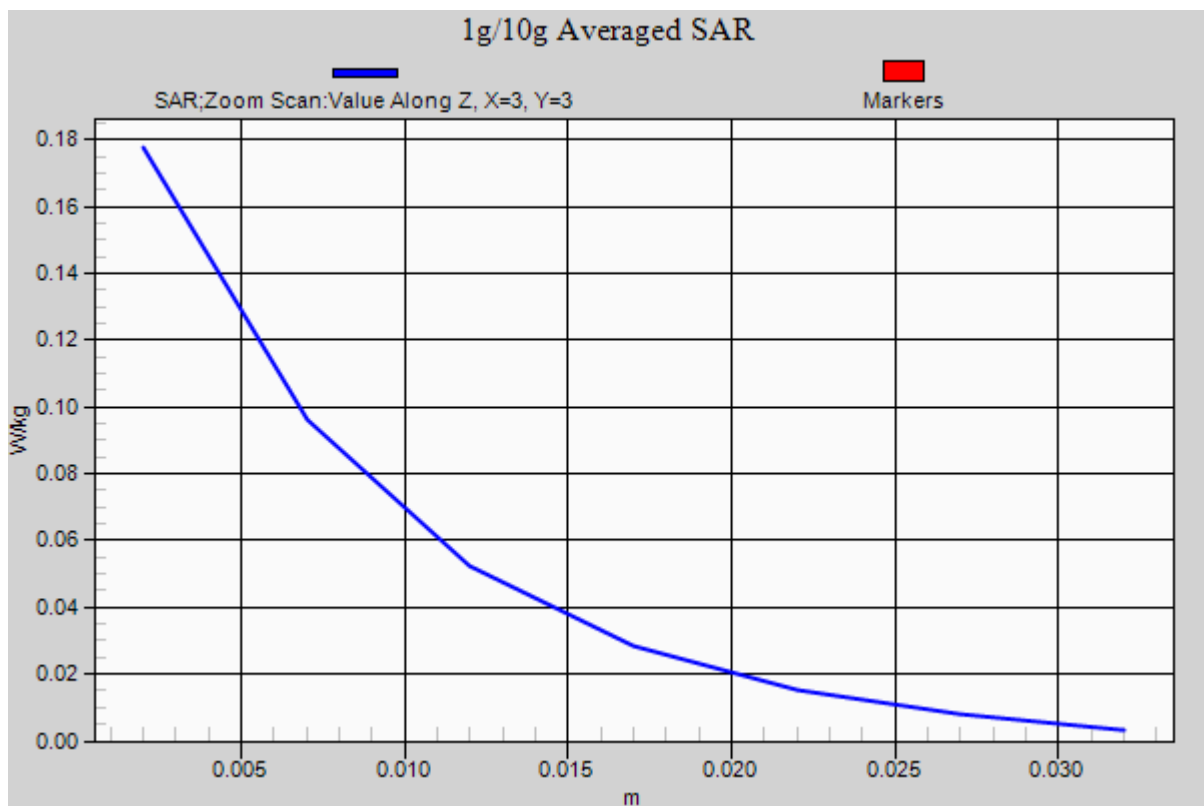
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.061 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2593 \text{ MHz}$; $\sigma = 1.888 \text{ S/m}$; $\epsilon_r = 38.461$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.28, 7.28, 7.28); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-05; Ambient Temp: 21.8; Tissue Temp: 22.1

Right Touch, LTE Band 41 Ch. 40620, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

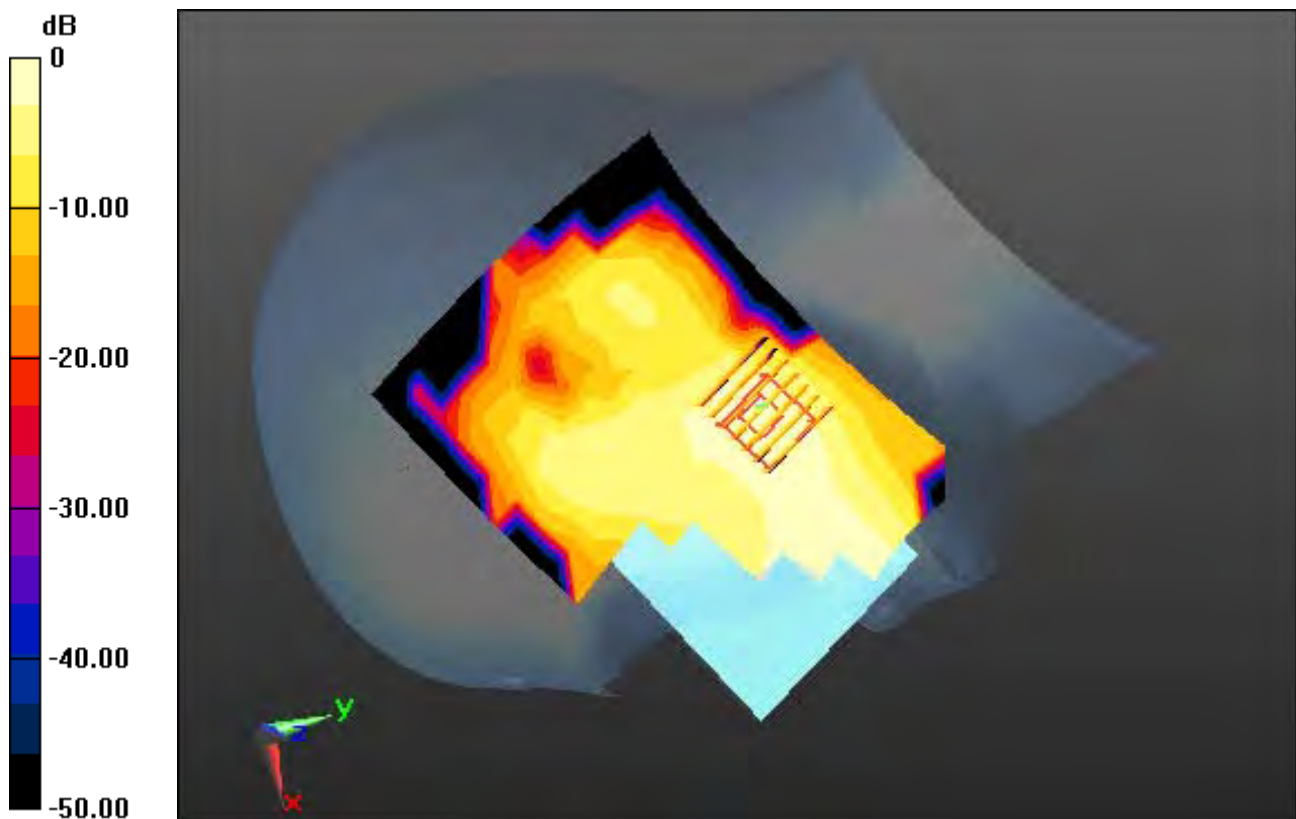
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.111 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2593 \text{ MHz}$; $\sigma = 1.888 \text{ S/m}$; $\epsilon_r = 38.461$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.28, 7.28, 7.28); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-05; Ambient Temp: 21.8; Tissue Temp: 22.1

Right Touch, LTE Band 41 Ch. 40620, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

With Enlarge Plot image

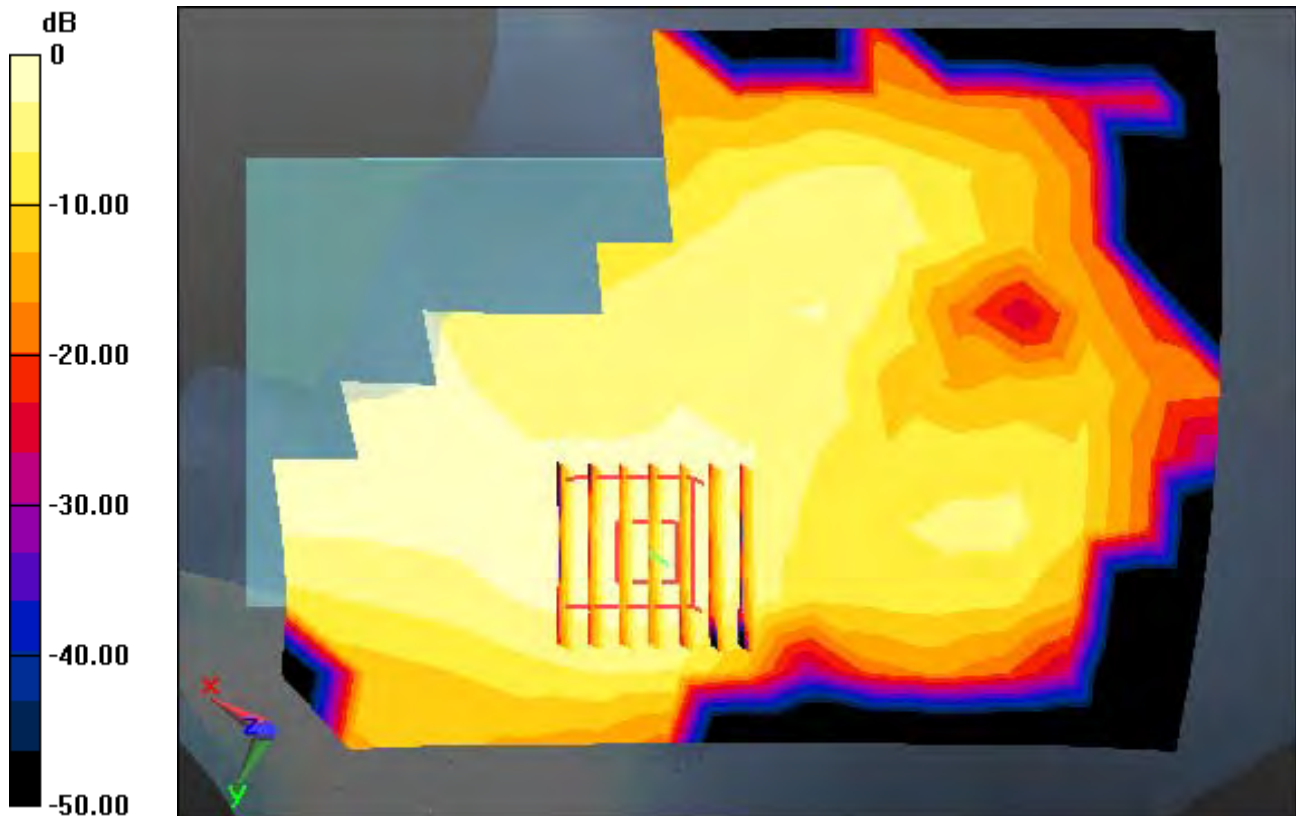
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.111 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 38.461$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.28, 7.28, 7.28); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-05; Ambient Temp: 21.8; Tissue Temp: 22.1

Right Touch, LTE Band 41 Ch. 40620, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

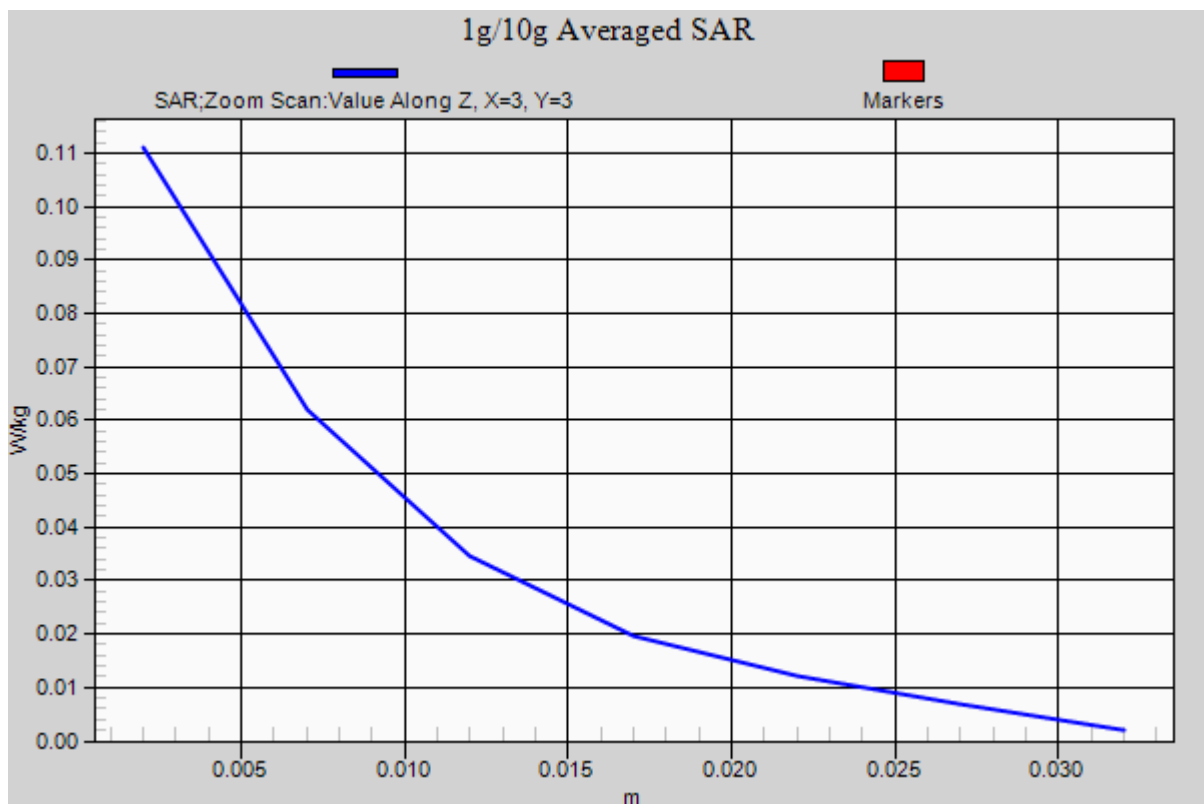
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.042 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 39.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. 1, Standard Battery

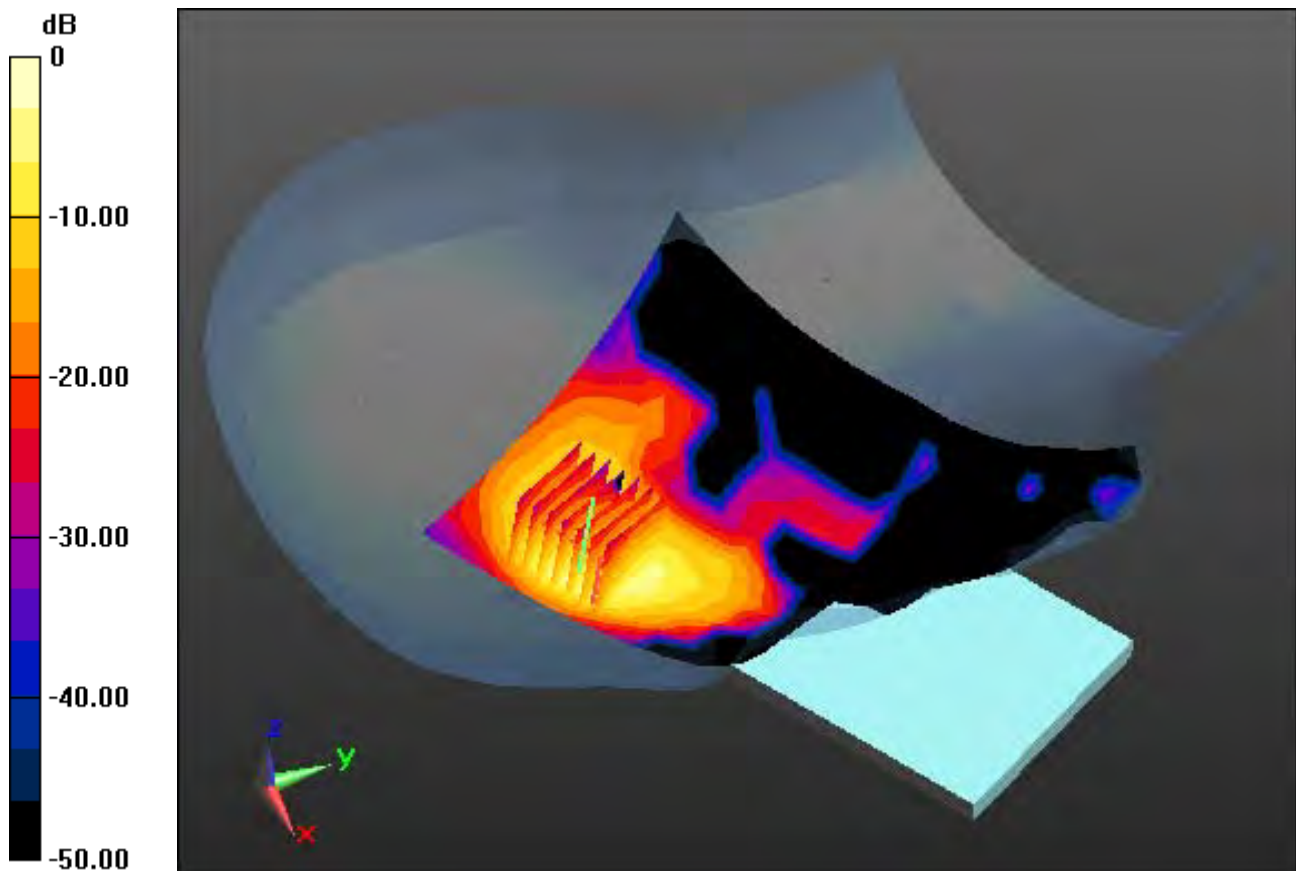
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.166 W/kg



0 dB = 0.754 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 39.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. 1, Standard Battery

With Enlarge Plot image

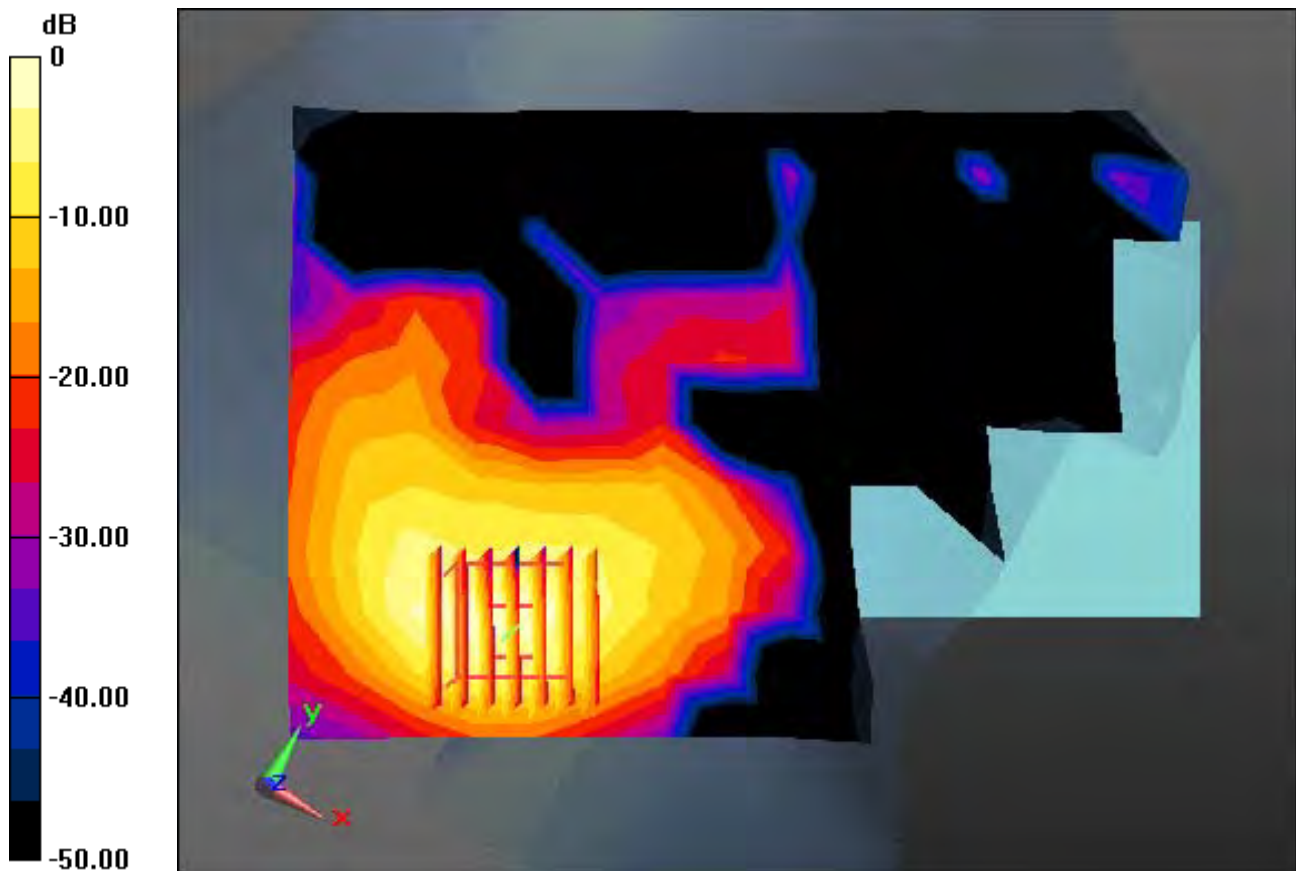
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.166 W/kg



0 dB = 0.754 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 39.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. 1, Standard Battery

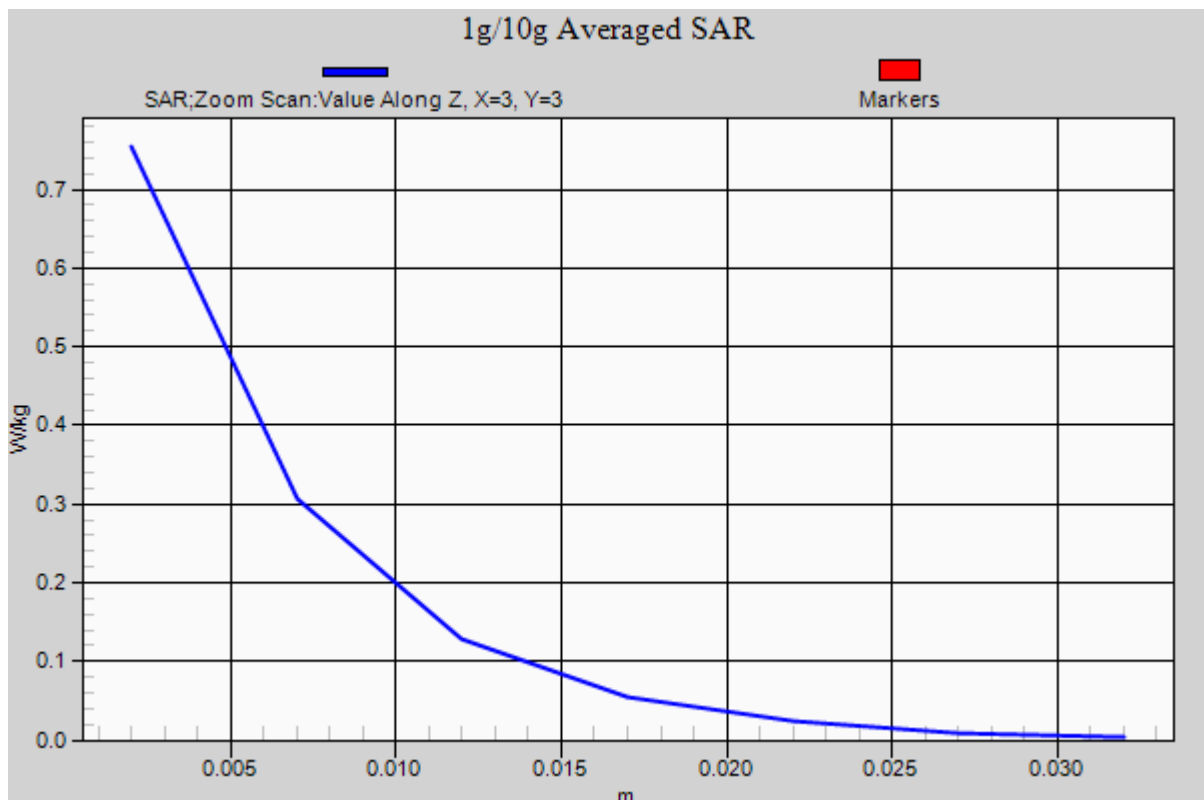
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.166 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 39.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. 2, Standard Battery

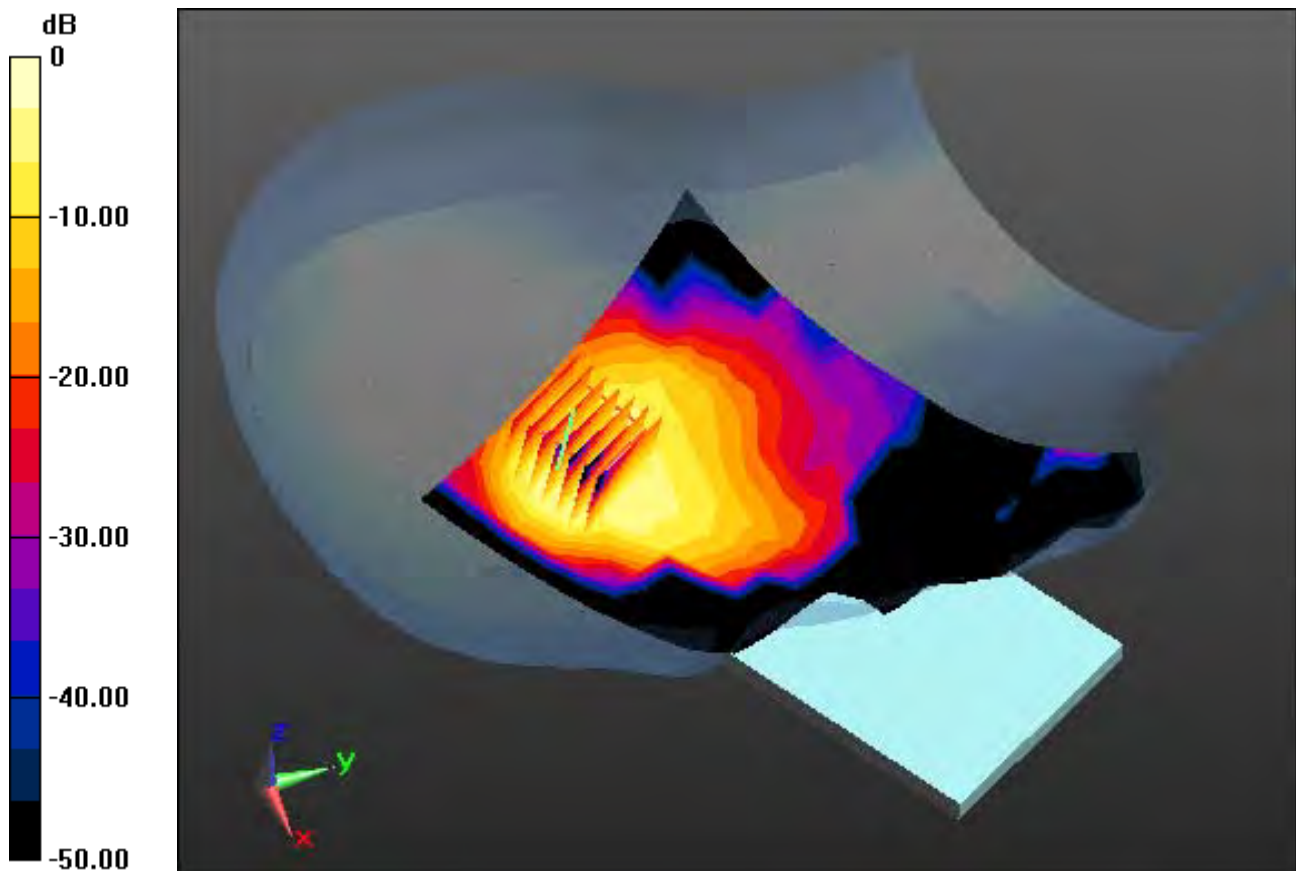
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.395 W/kg



0 dB = 1.53 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 39.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. 2, Standard Battery

With Enlarge Plot image

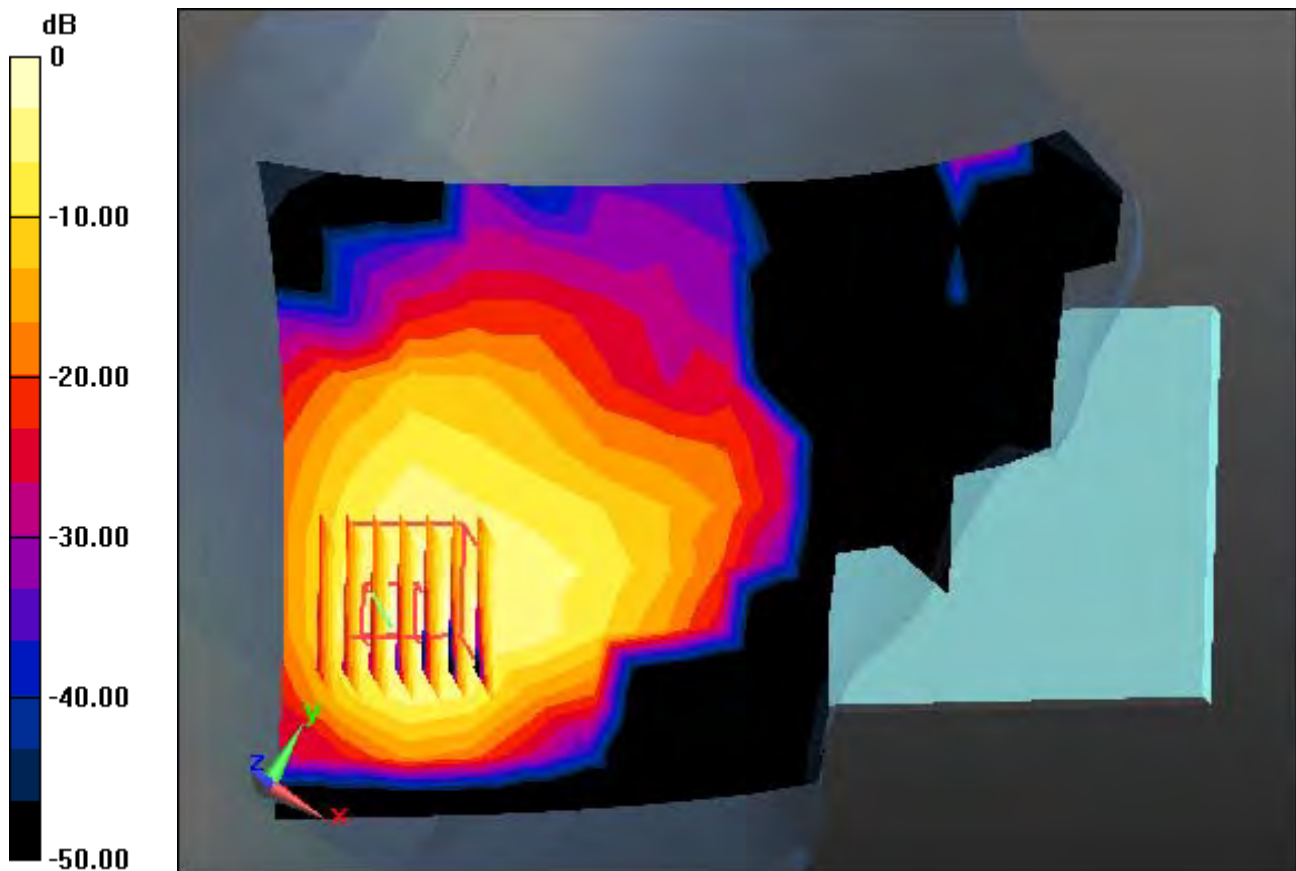
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.395 W/kg



0 dB = 1.53 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 39.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. 2, Standard Battery

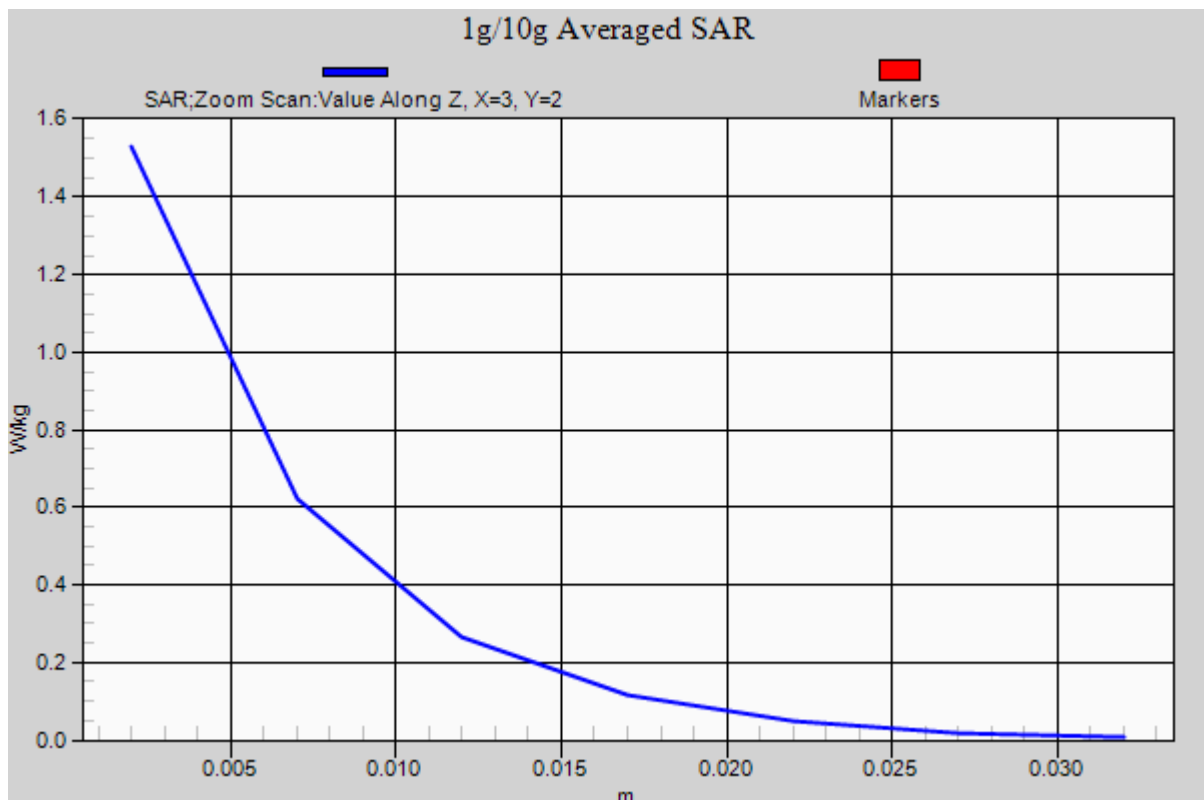
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.395 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.763 \text{ S/m}$; $\epsilon_r = 38.176$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. MIMO, Standard Battery

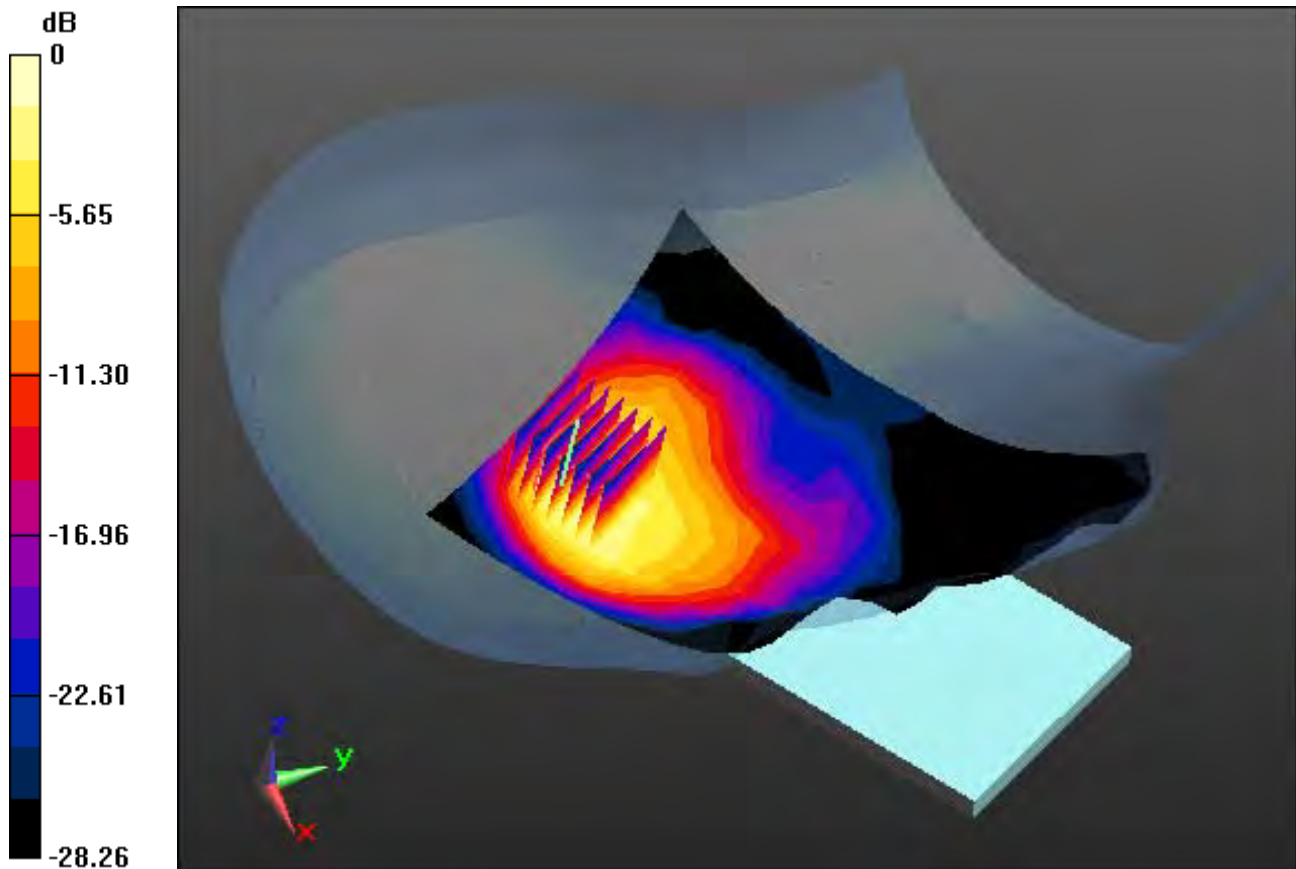
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.414 W/kg



0 dB = 1.31 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.763$ S/m; $\epsilon_r = 38.176$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. MIMO, Standard Battery

With Enlarge Plot image

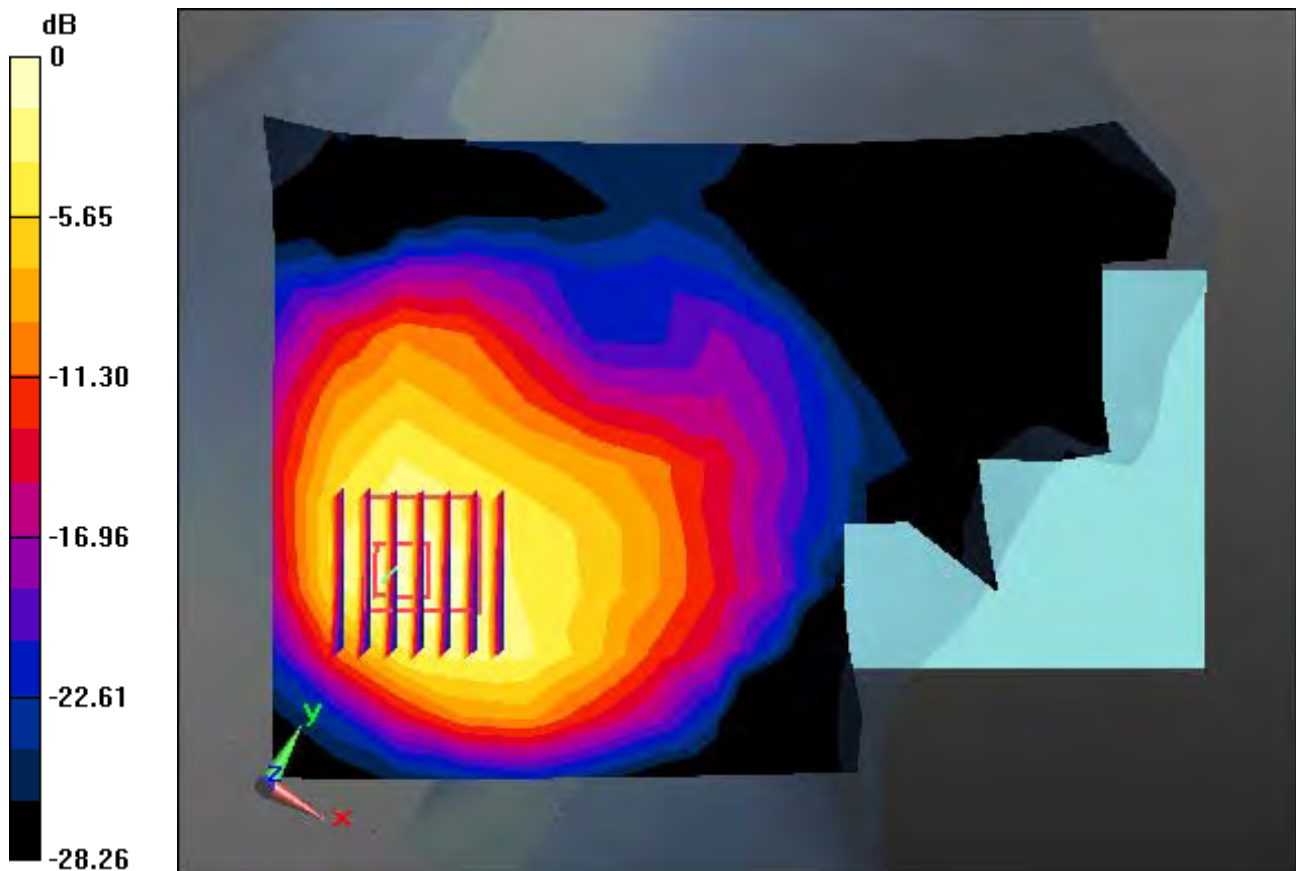
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.414 W/kg



0 dB = 1.31 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.763 \text{ S/m}$; $\epsilon_r = 38.176$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.48, 7.48, 7.48); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1679

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

Test Date: 2017-07-07; Ambient Temp: 21.6; Tissue Temp: 22.1

Right Touch, W-LAN(2.4G 802.11b) Ch. 6, Ant. MIMO, Standard Battery

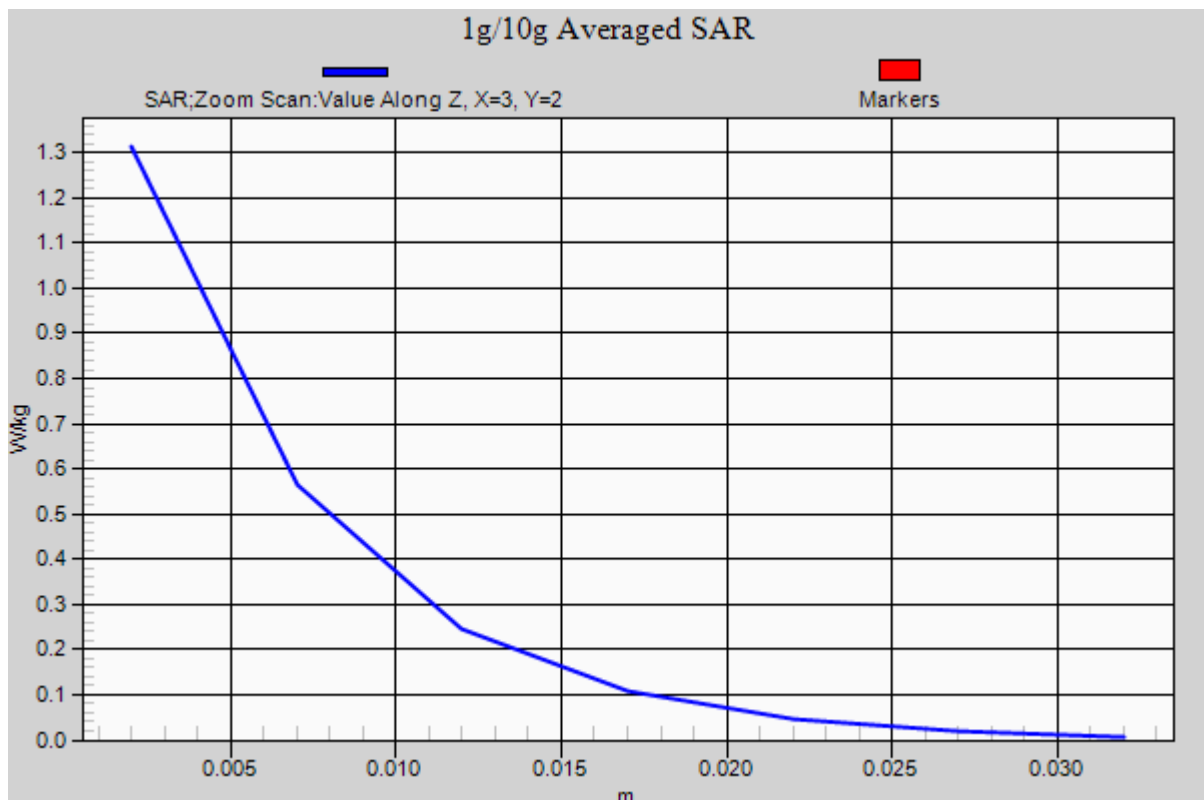
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.414 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.75 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 56, Ant. 1, Standard Battery

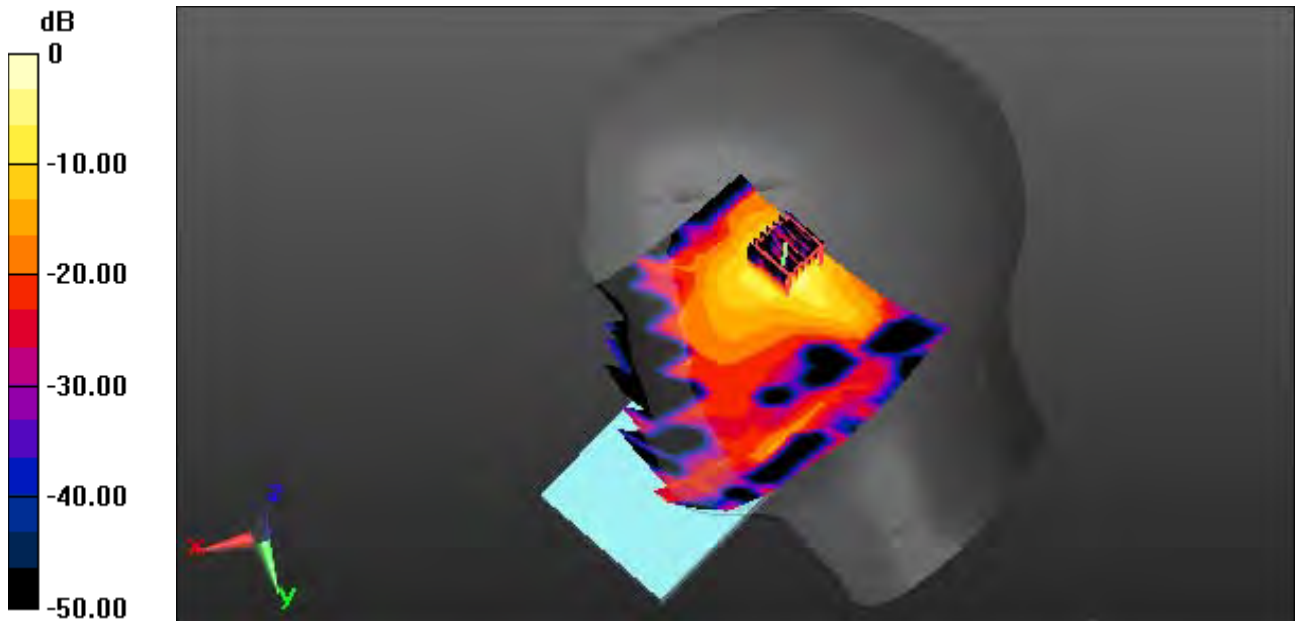
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.05dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.242 W/kg



0 dB = 2.11 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.75 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 56, Ant. 1, Standard Battery

With Enlarge Plot image

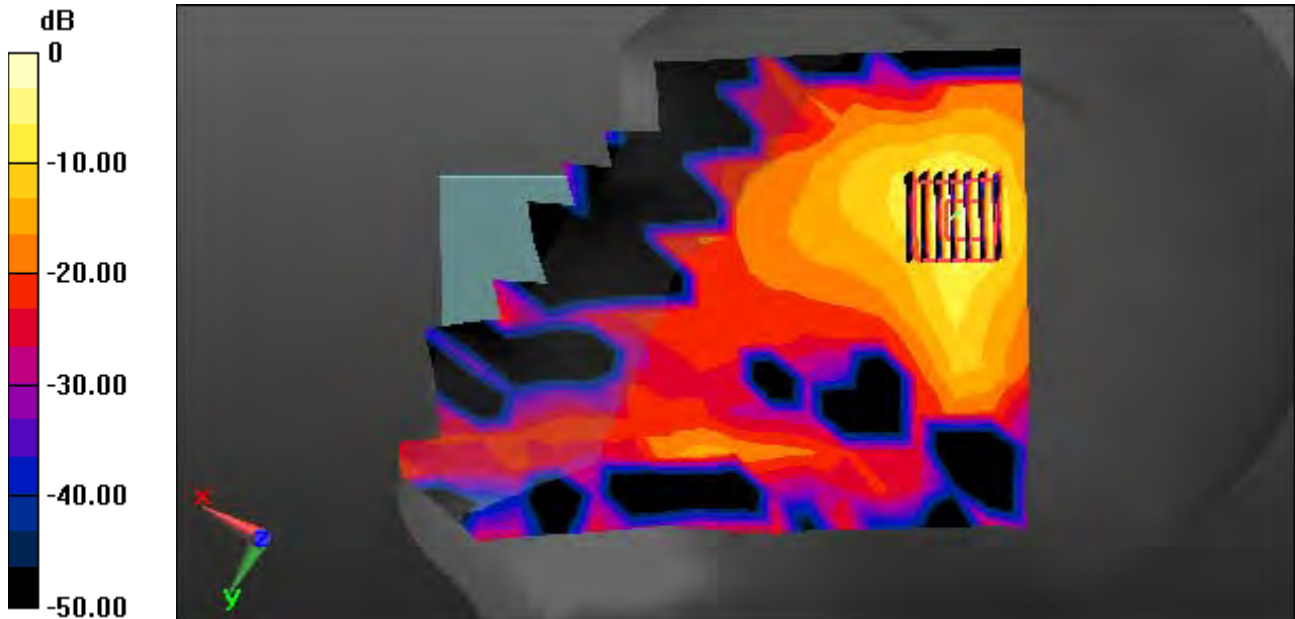
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.05dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.242 W/kg



0 dB = 2.11 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.75 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 56, Ant. 1, Standard Battery

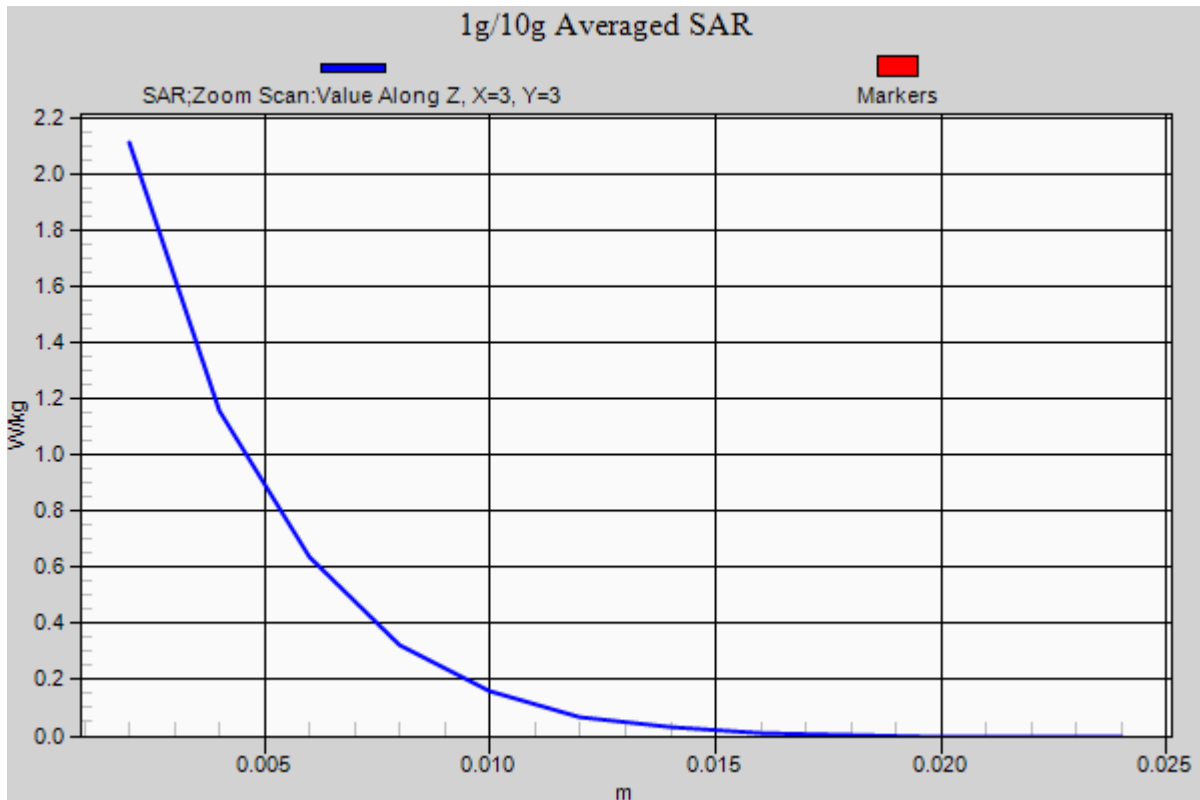
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.05dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.242 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.769 \text{ S/m}$; $\epsilon_r = 35.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 60, Ant. 2, Standard Battery

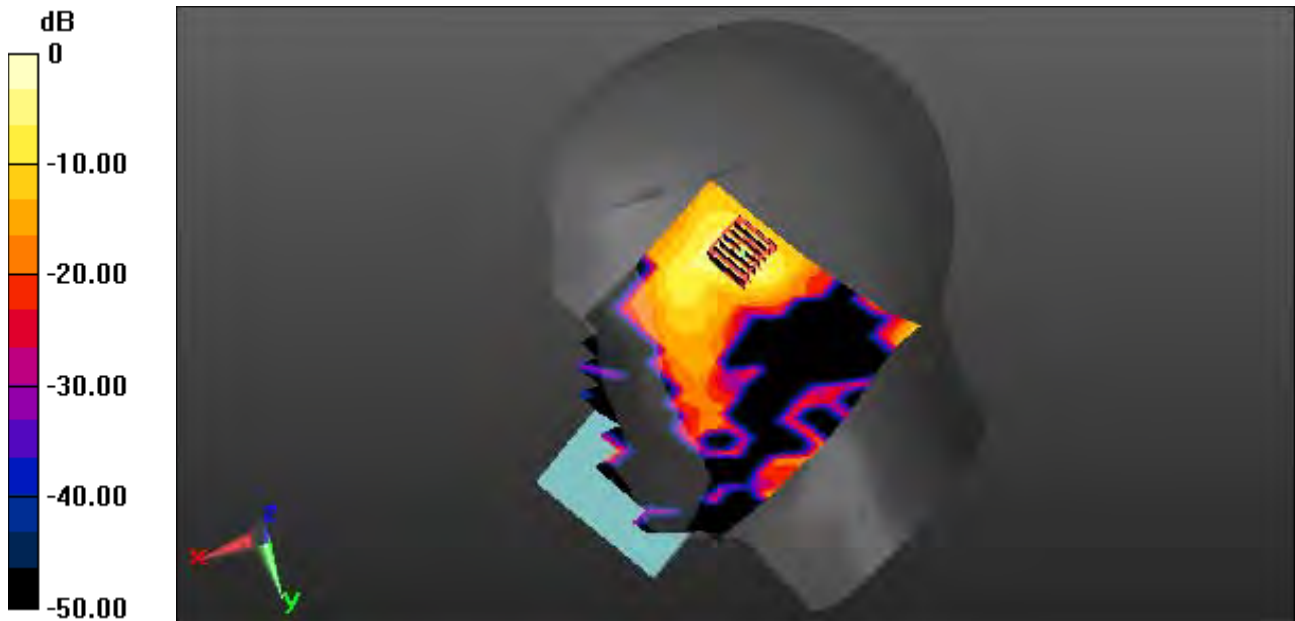
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.598 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.769 \text{ S/m}$; $\epsilon_r = 35.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 60, Ant. 2, Standard Battery

With Enlarge Plot image

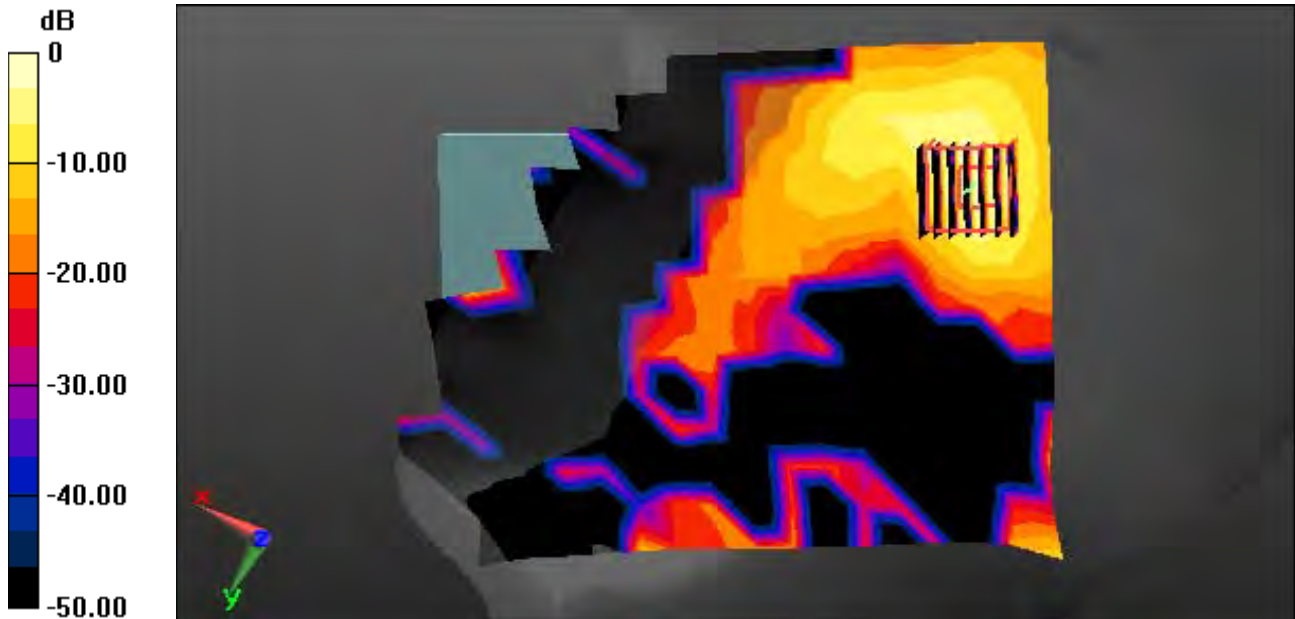
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.074 W/kg



0 dB = 0.598 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.769$ S/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 60, Ant. 2, Standard Battery

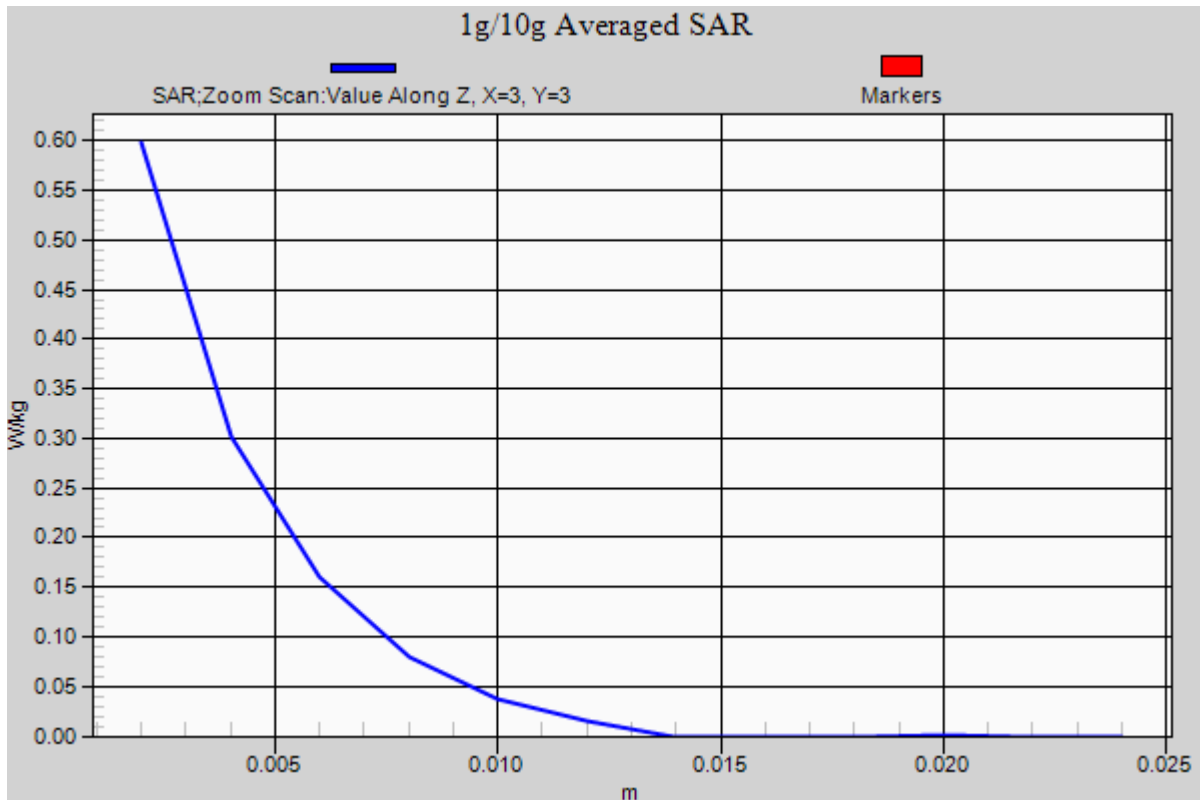
Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.074 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.75 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 56, MIMO, Standard Battery

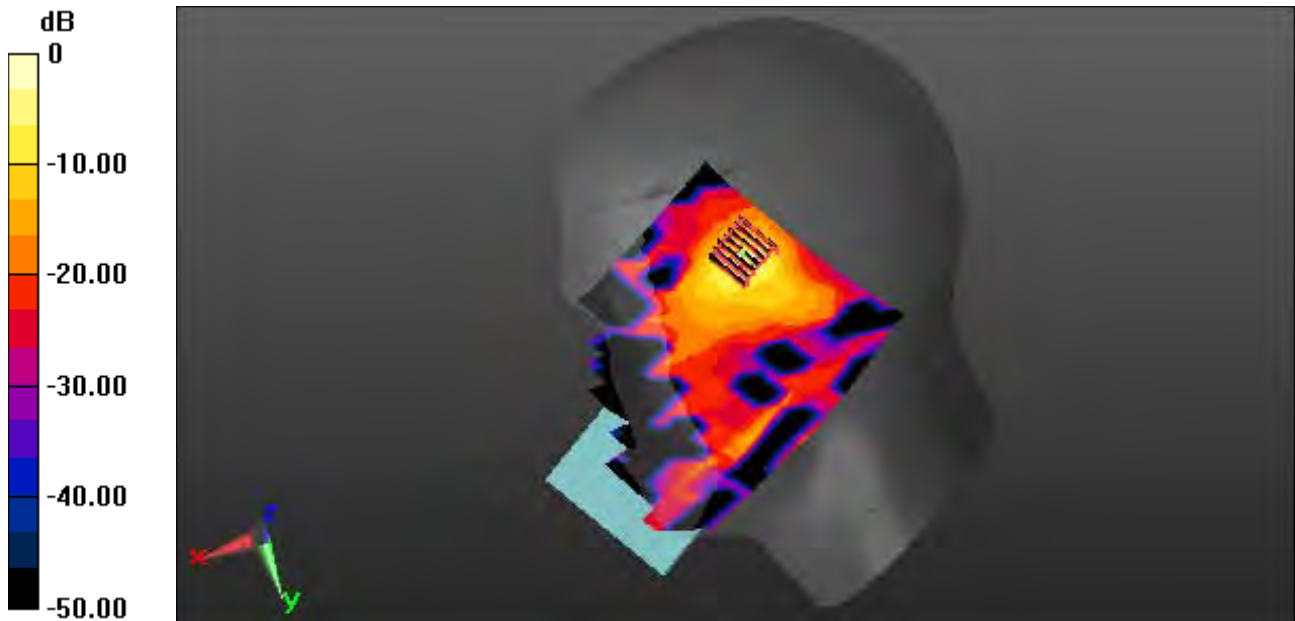
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.185 W/kg



0 dB = 1.62 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.75 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 56, MIMO, Standard Battery

With Enlarge Plot image

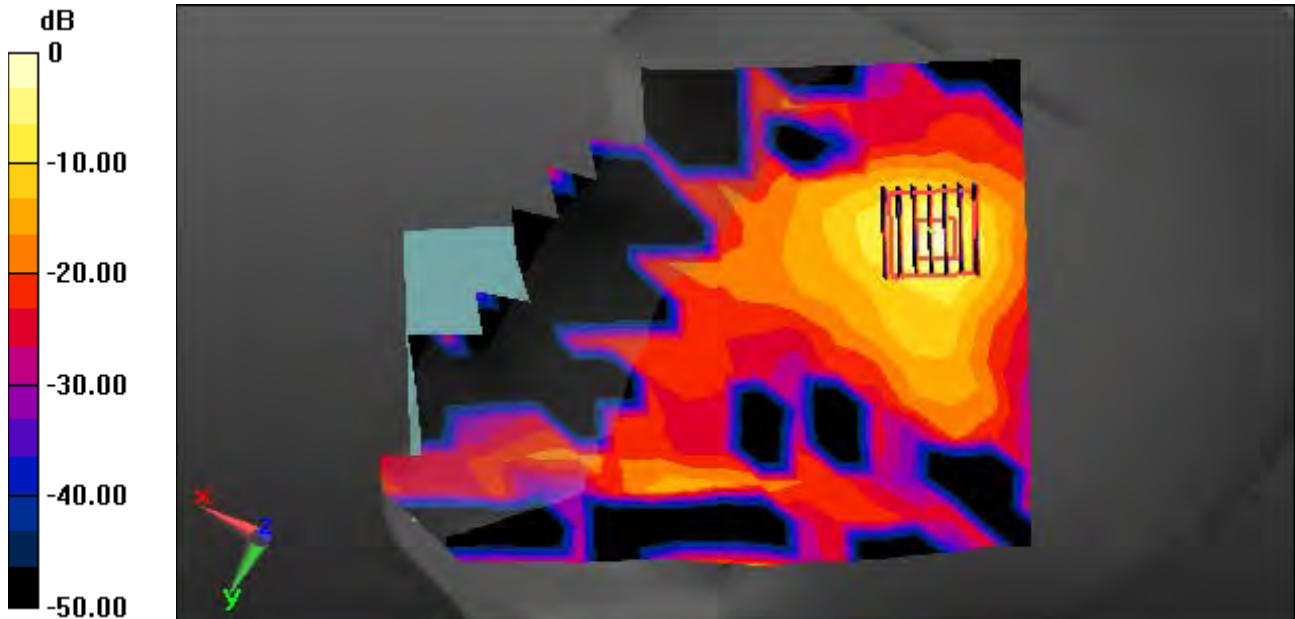
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.185 W/kg



0 dB = 1.62 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.75 \text{ S/m}$; $\epsilon_r = 35.329$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.25, 5.25, 5.25); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-12; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, W-LAN(5.3G 802.11a) Ch. 56, MIMO, Standard Battery

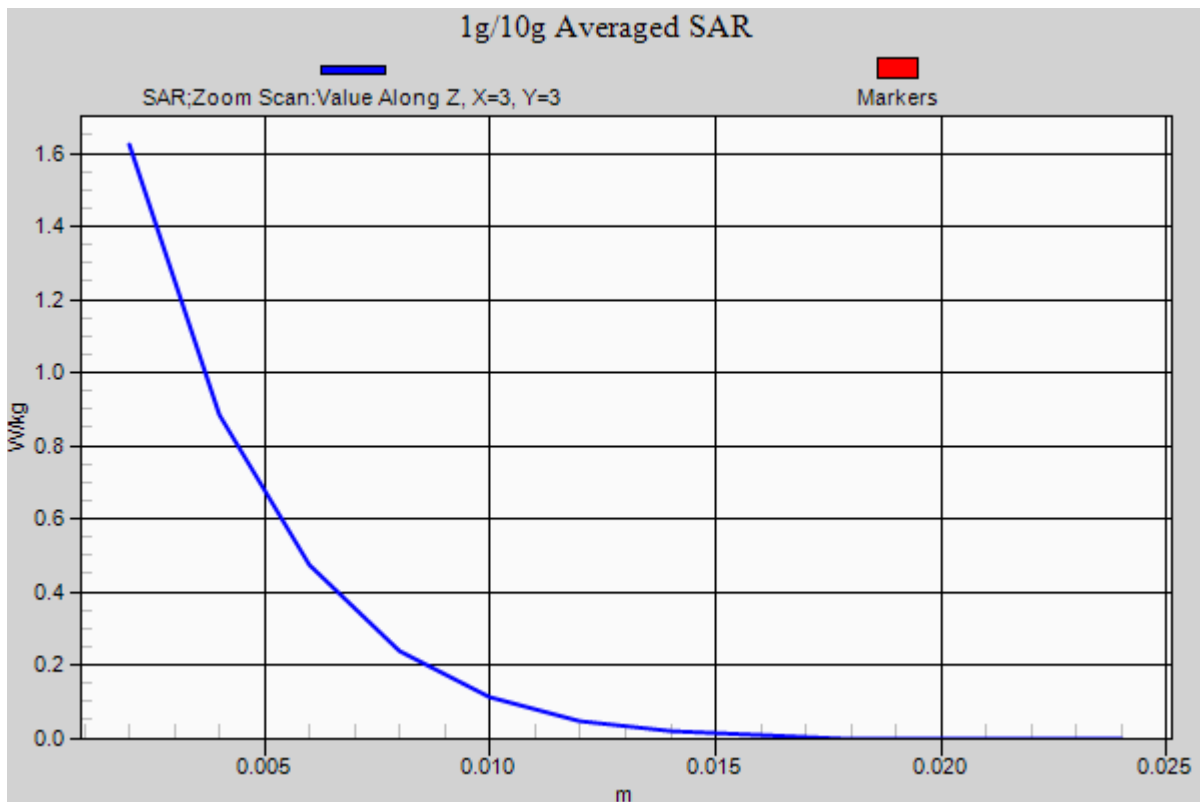
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.185 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.152 \text{ S/m}$; $\epsilon_r = 35.442$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Right Tilt, W-LAN(5.6G 802.11a) Ch. 132, Ant. 1, Standard Battery

Area Scan (14x21x1): 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) = 1.06 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.065 W/kg



0 dB = 0.605 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.152 \text{ S/m}$; $\epsilon_r = 35.442$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Right Tilt, W-LAN(5.6G 802.11a) Ch. 132, Ant. 1, Standard Battery

With Enlarge Plot image

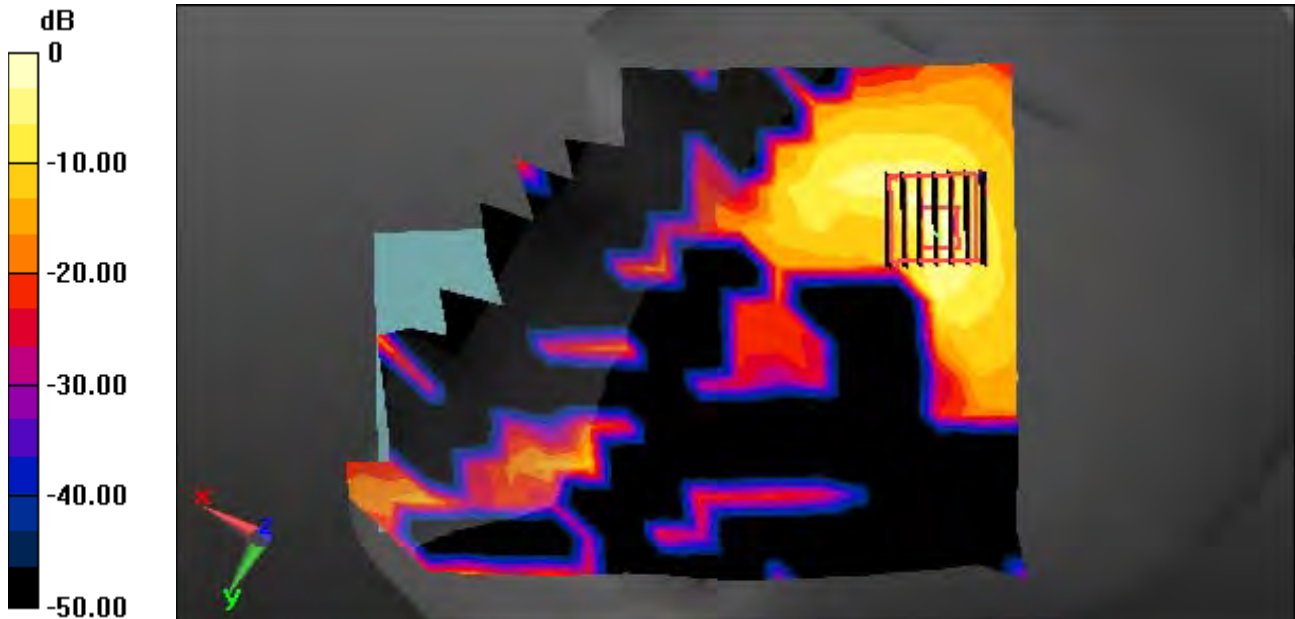
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.06 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.065 W/kg



0 dB = 0.605 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660$ MHz; $\sigma = 5.152$ S/m; $\epsilon_r = 35.442$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Right Tilt, W-LAN(5.6G 802.11a) Ch. 132, Ant. 1, Standard Battery

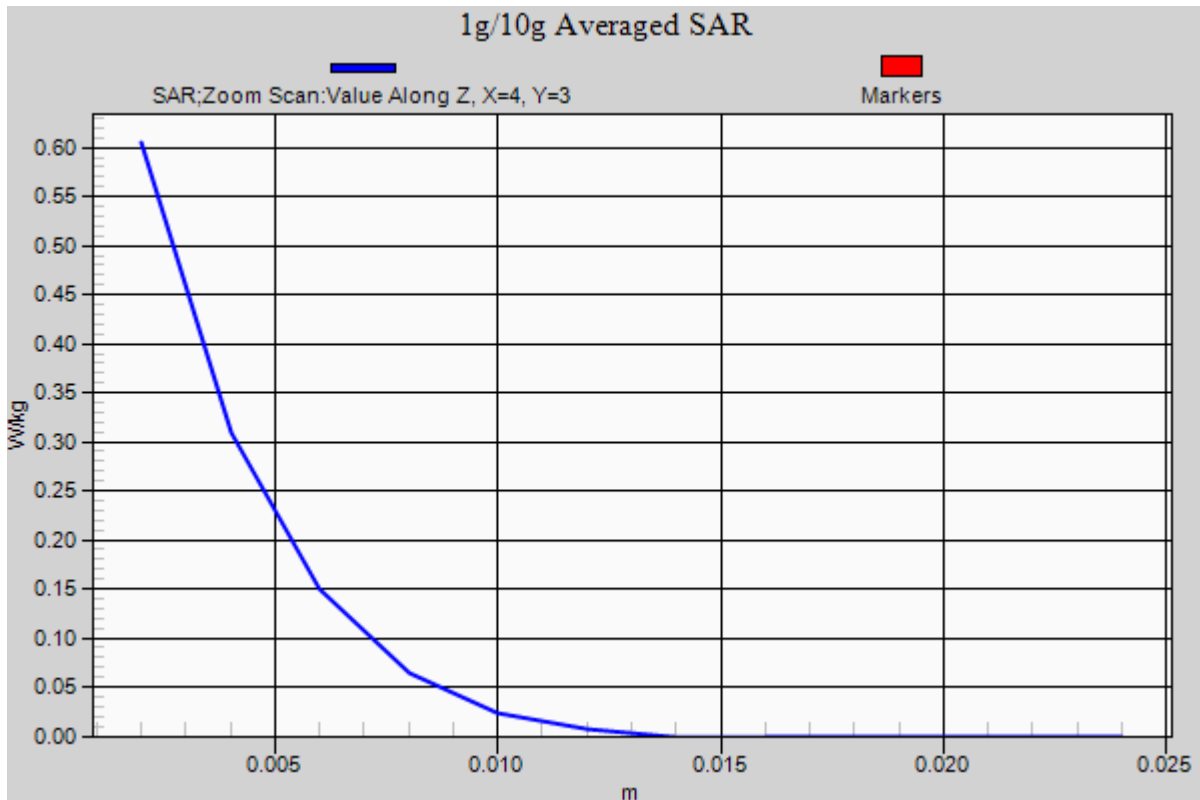
Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.065 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.059$ S/m; $\epsilon_r = 35.574$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Left Tilt, W-LAN(5.6G 802.11a) Ch. 116, Ant. 2, Standard Battery

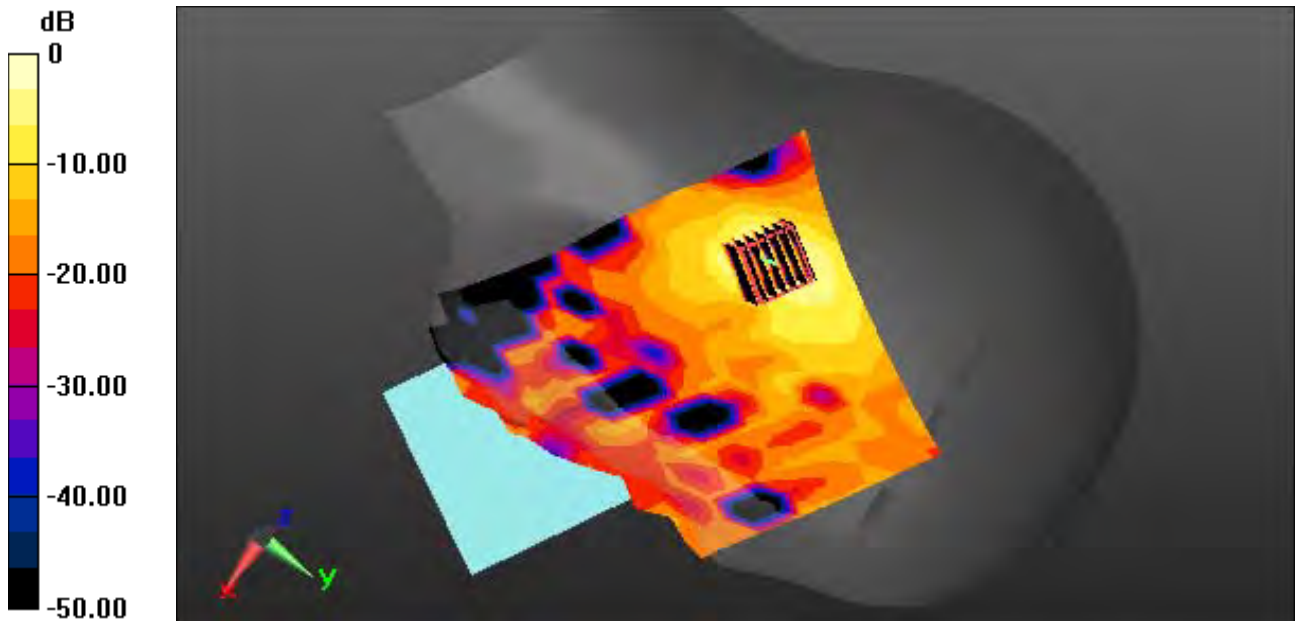
Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 1.21 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580$ MHz; $\sigma = 5.059$ S/m; $\epsilon_r = 35.574$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Left Tilt, W-LAN(5.6G 802.11a) Ch. 116, Ant. 2, Standard Battery

With Enlarge Plot image

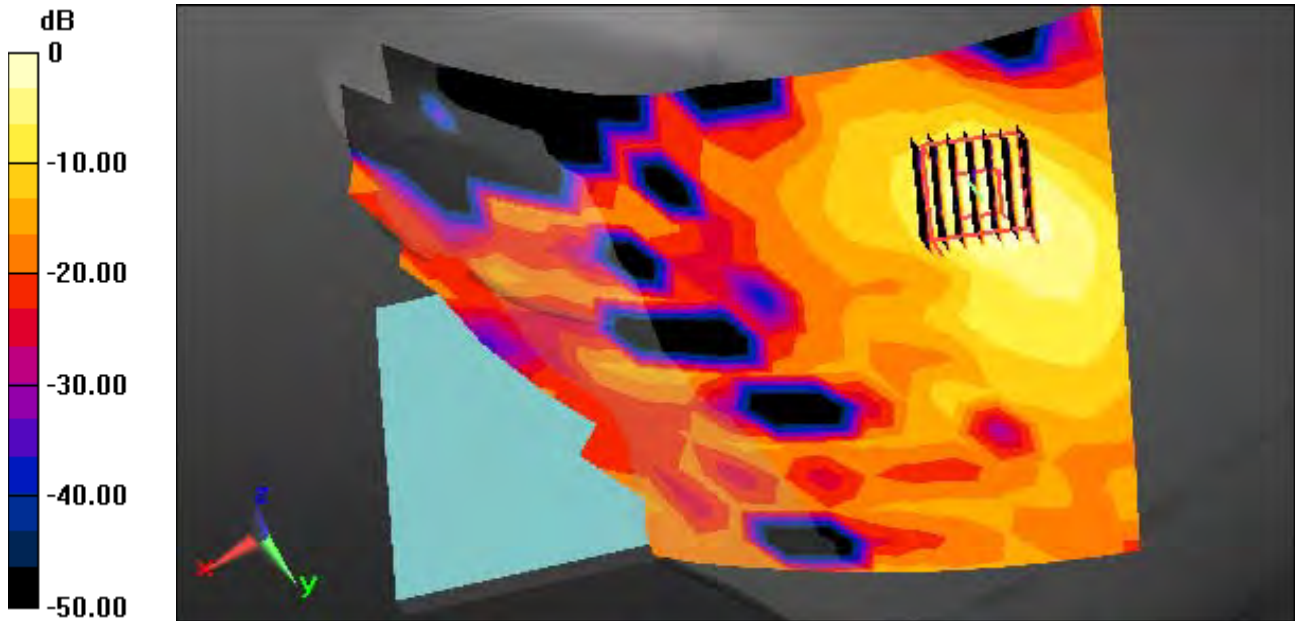
Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 1.21 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.059$ S/m; $\epsilon_r = 35.574$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Left Tilt, W-LAN(5.6G 802.11a) Ch. 116, Ant. 2, Standard Battery

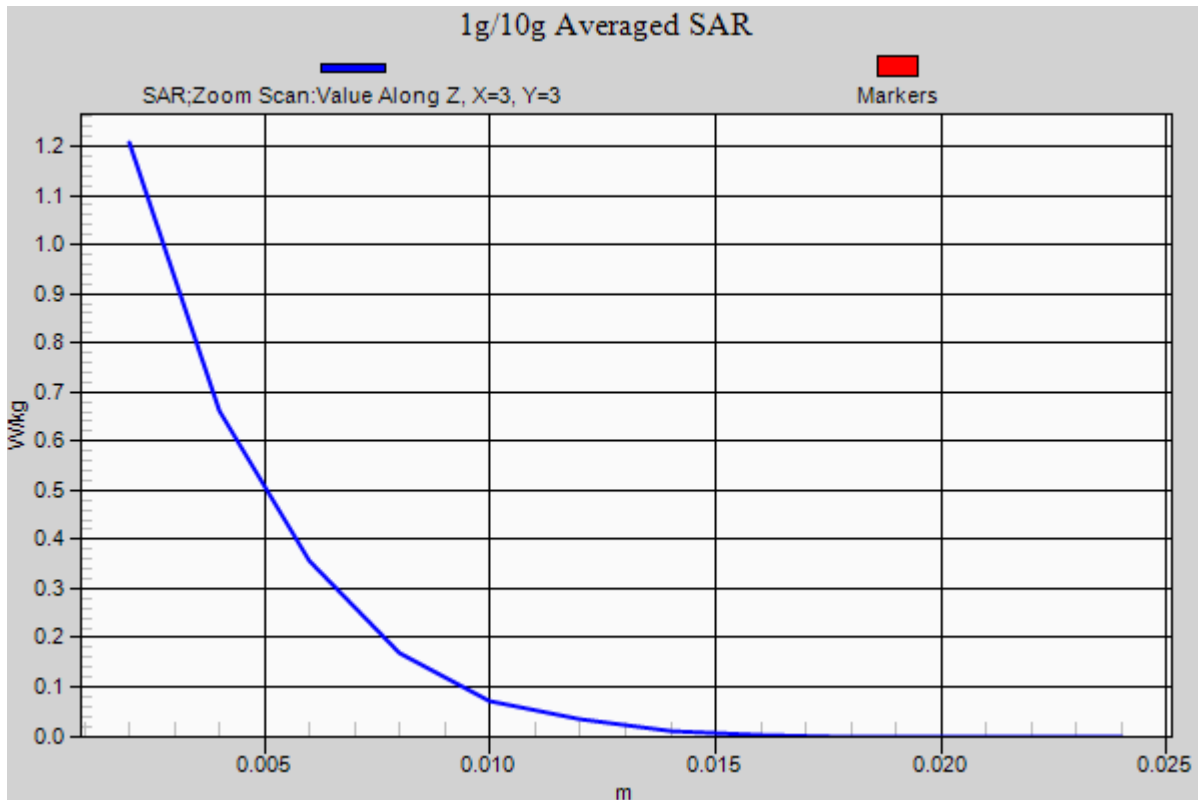
Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.183 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.059$ S/m; $\epsilon_r = 35.574$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Right Tilt, W-LAN(5.6G 802.11a) Ch. 116, MIMO, Standard Battery

Area Scan (14x21x1): 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) = 6.46 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.316 W/kg



0 dB = 2.47 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.059 \text{ S/m}$; $\epsilon_r = 35.574$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Right Tilt, W-LAN(5.6G 802.11a) Ch. 116, MIMO, Standard Battery

With Enlarge Plot image

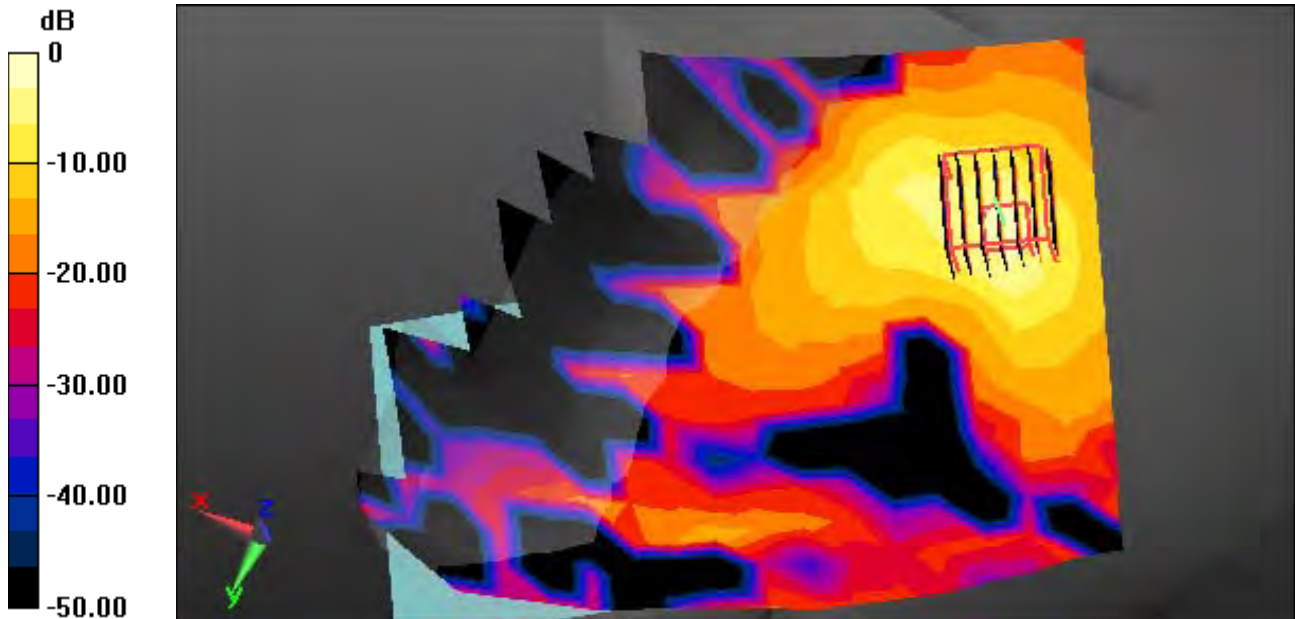
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 6.46 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.316 W/kg



0 dB = 2.47 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.059$ S/m; $\epsilon_r = 35.574$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.68, 4.68, 4.68); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-14; Ambient Temp: 21.8; Tissue Temp: 22.3

Right Tilt, W-LAN(5.6G 802.11a) Ch. 116, MIMO, Standard Battery

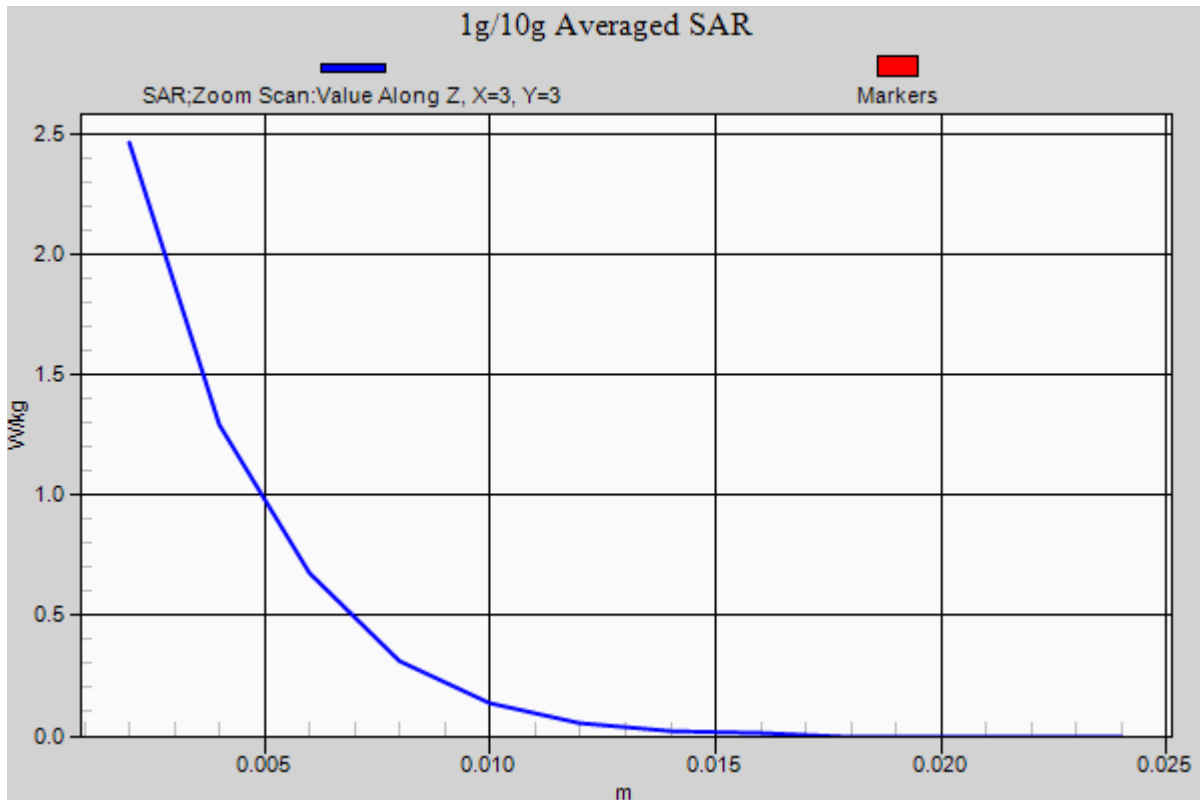
Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 6.46 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.316 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.31 \text{ S/m}$; $\epsilon_r = 35.773$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(5.8G 802.11a) Ch. 149, Ant. 1, Standard Battery

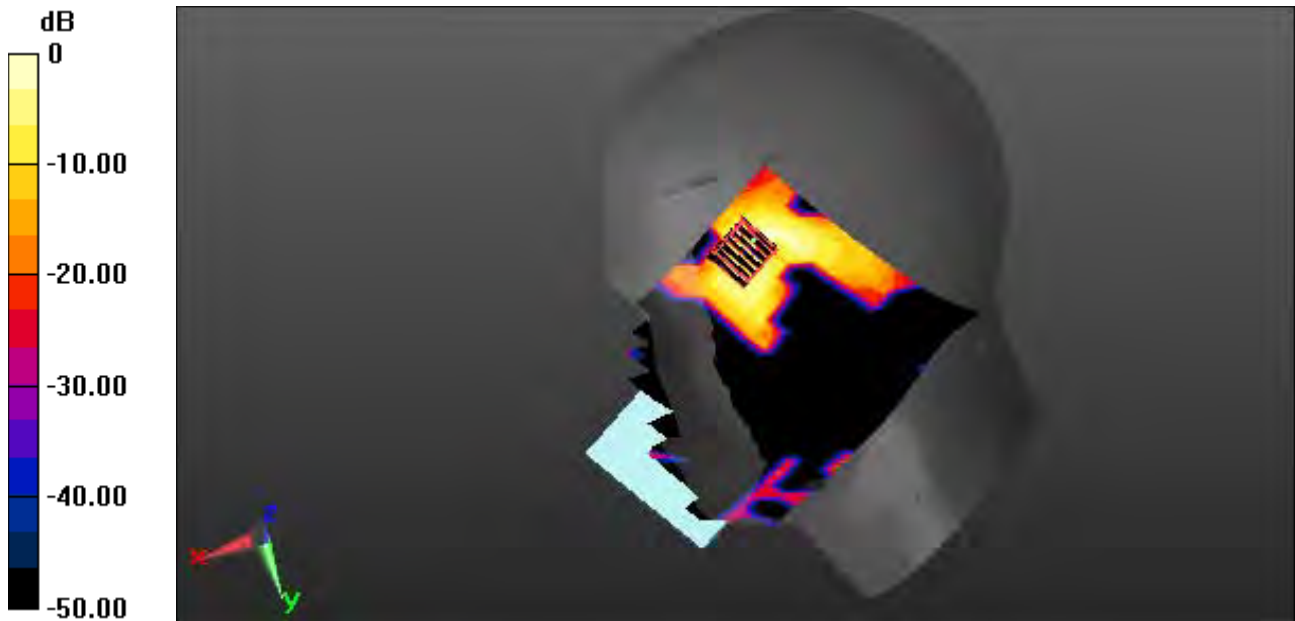
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.40 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.098 W/kg



0 dB = 0.748 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.31 \text{ S/m}$; $\epsilon_r = 35.773$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(5.8G 802.11a) Ch. 149, Ant. 1, Standard Battery

With Enlarge Plot image

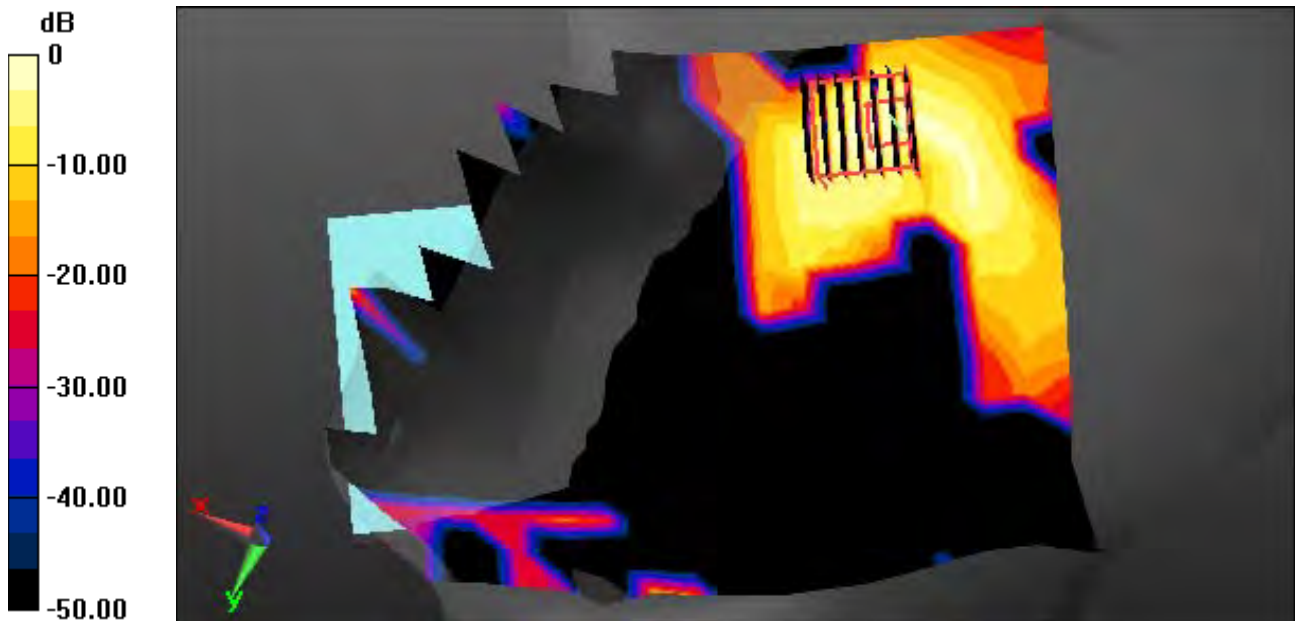
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.40 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.098 W/kg



0 dB = 0.748 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.31 \text{ S/m}$; $\epsilon_r = 35.773$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(5.8G 802.11a) Ch. 149, Ant. 1, Standard Battery

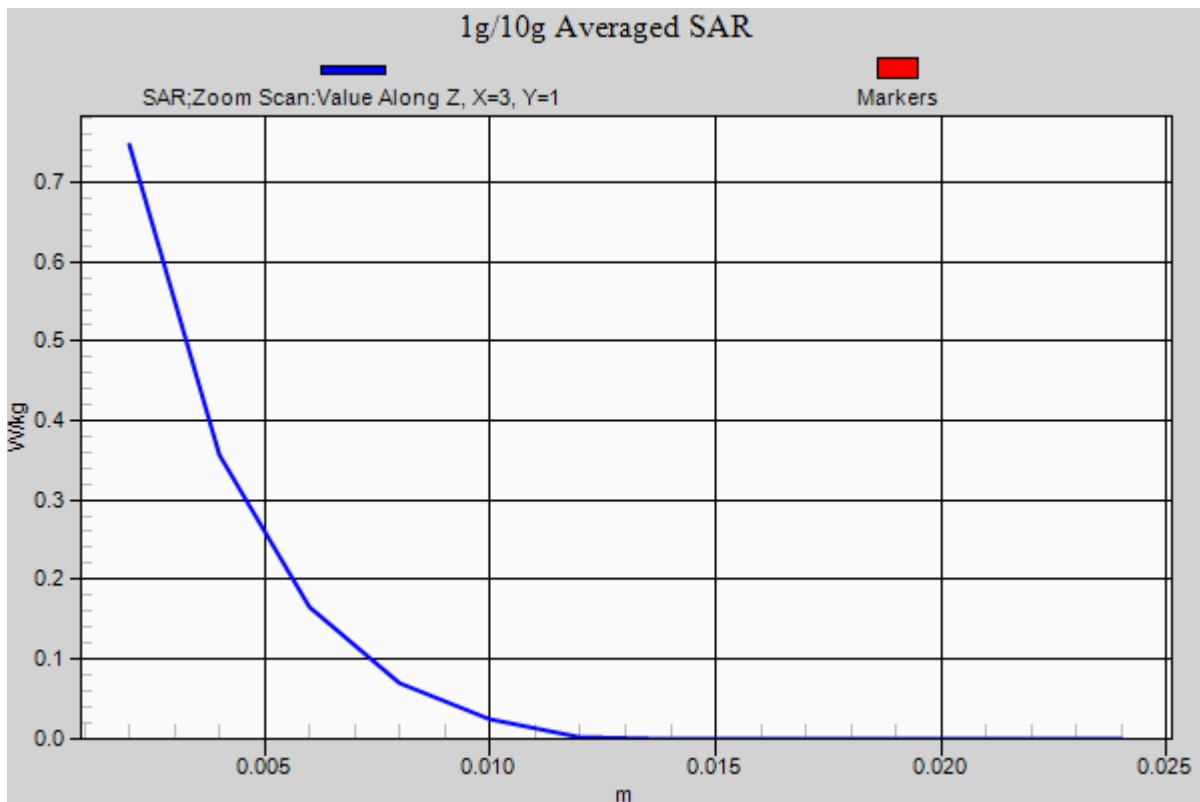
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.40 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.098 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.355 \text{ S/m}$; $\epsilon_r = 35.709$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(5.8G 802.11a) Ch. 157, Ant. 2, Standard Battery

Area Scan (14x21x1): 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 = 0.04 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 1.30 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.355 \text{ S/m}$; $\epsilon_r = 35.709$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(5.8G 802.11a) Ch. 157, Ant. 2, Standard Battery

With Enlarge Plot image

Area Scan (14x21x1): 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 = 0.04 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 1.30 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785$ MHz; $\sigma = 5.355$ S/m; $\epsilon_r = 35.709$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(5.8G 802.11a) Ch. 157, Ant. 2, Standard Battery

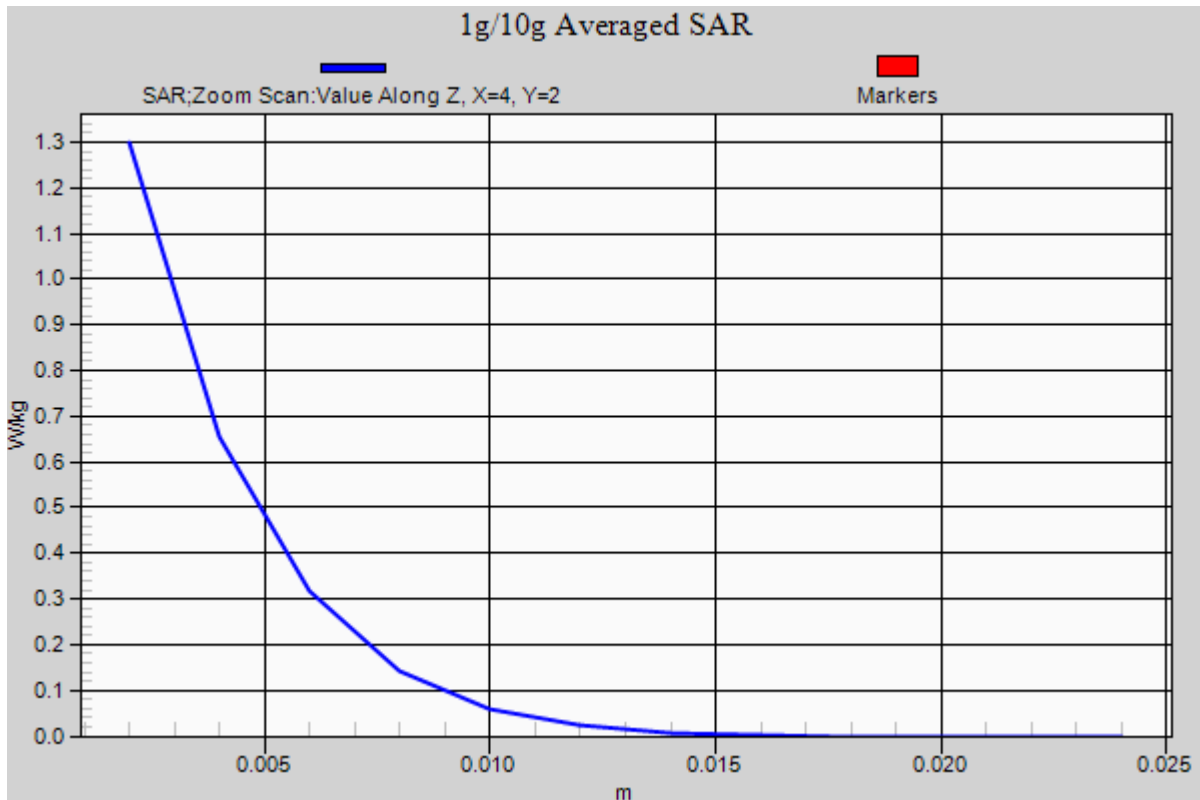
Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.175 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.355 \text{ S/m}$; $\epsilon_r = 35.709$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Tilt, W-LAN(5.8G 802.11a) Ch. 157, MIMO, Standard Battery

Area Scan (14x21x1): 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) = 2.81 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 1.30 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.355 \text{ S/m}$; $\epsilon_r = 35.709$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Tilt, W-LAN(5.8G 802.11a) Ch. 157, MIMO, Standard Battery

With Enlarge Plot image

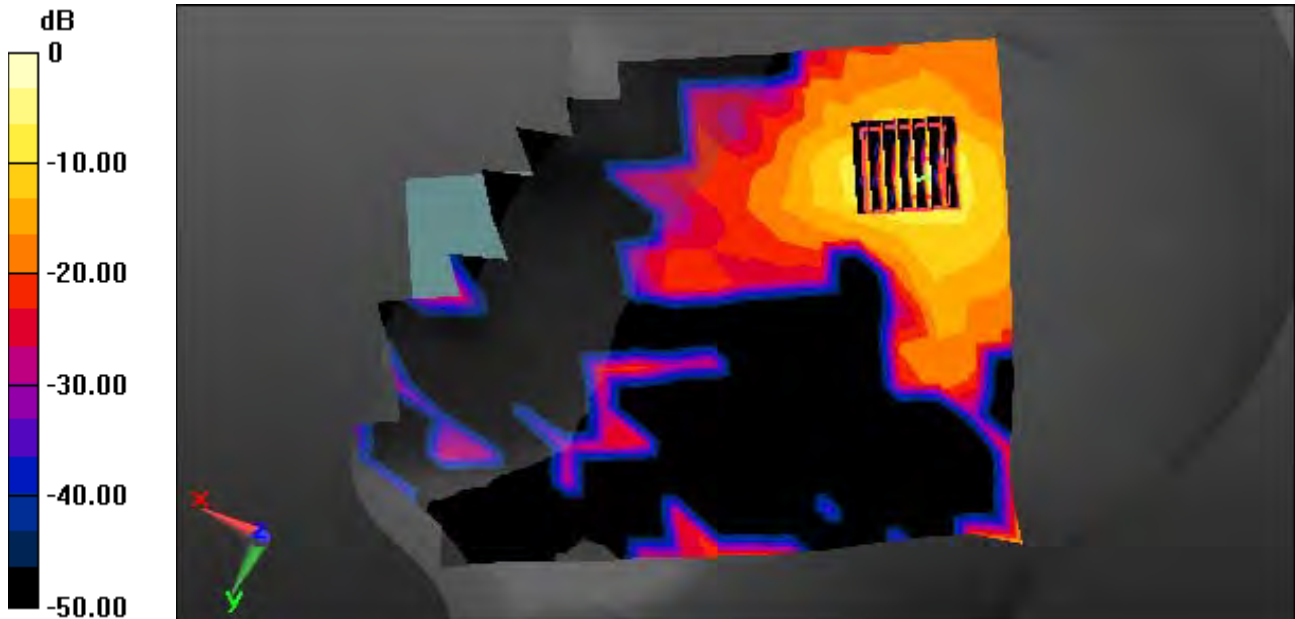
Area Scan (14x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 2.81 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 1.30 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.355$ S/m; $\epsilon_r = 35.709$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.9, 4.9, 4.9); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2017-07-18; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Tilt, W-LAN(5.8G 802.11a) Ch. 157, MIMO, Standard Battery

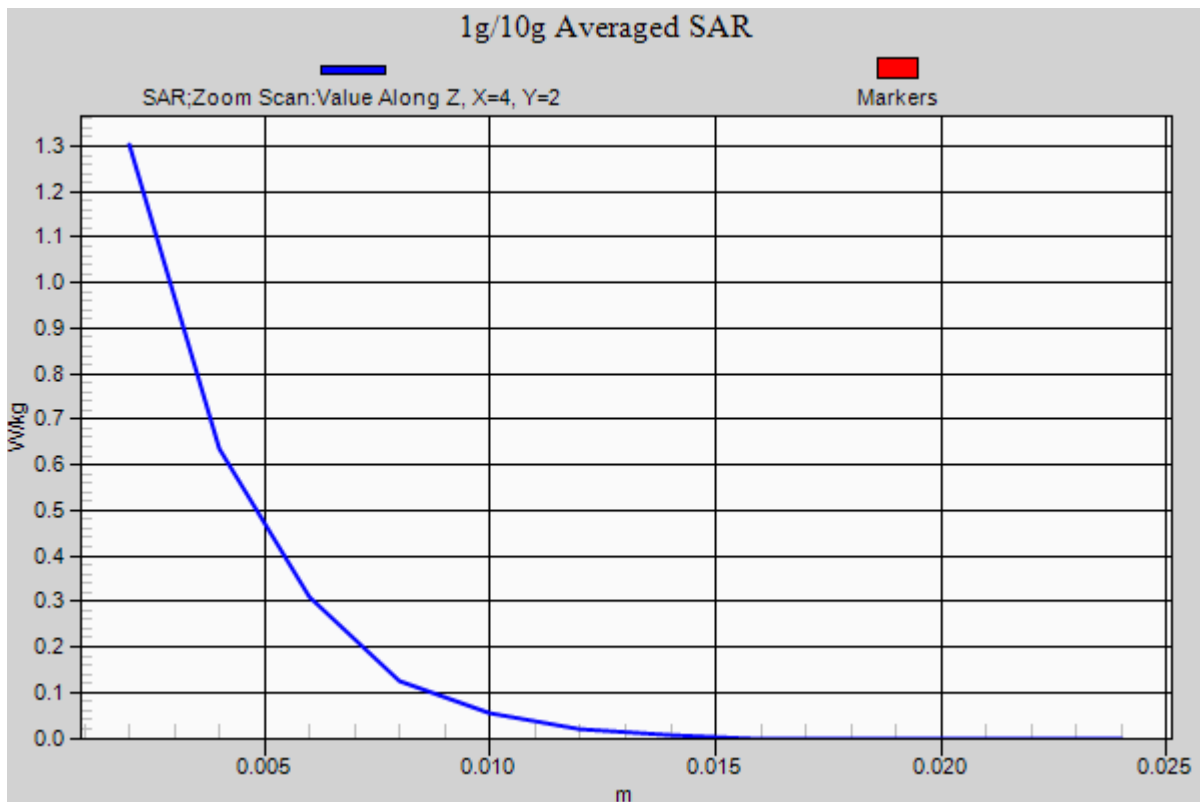
Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.117 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 53.601$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-21; Ambient Temp: 21.9; Tissue Temp: 22.4

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

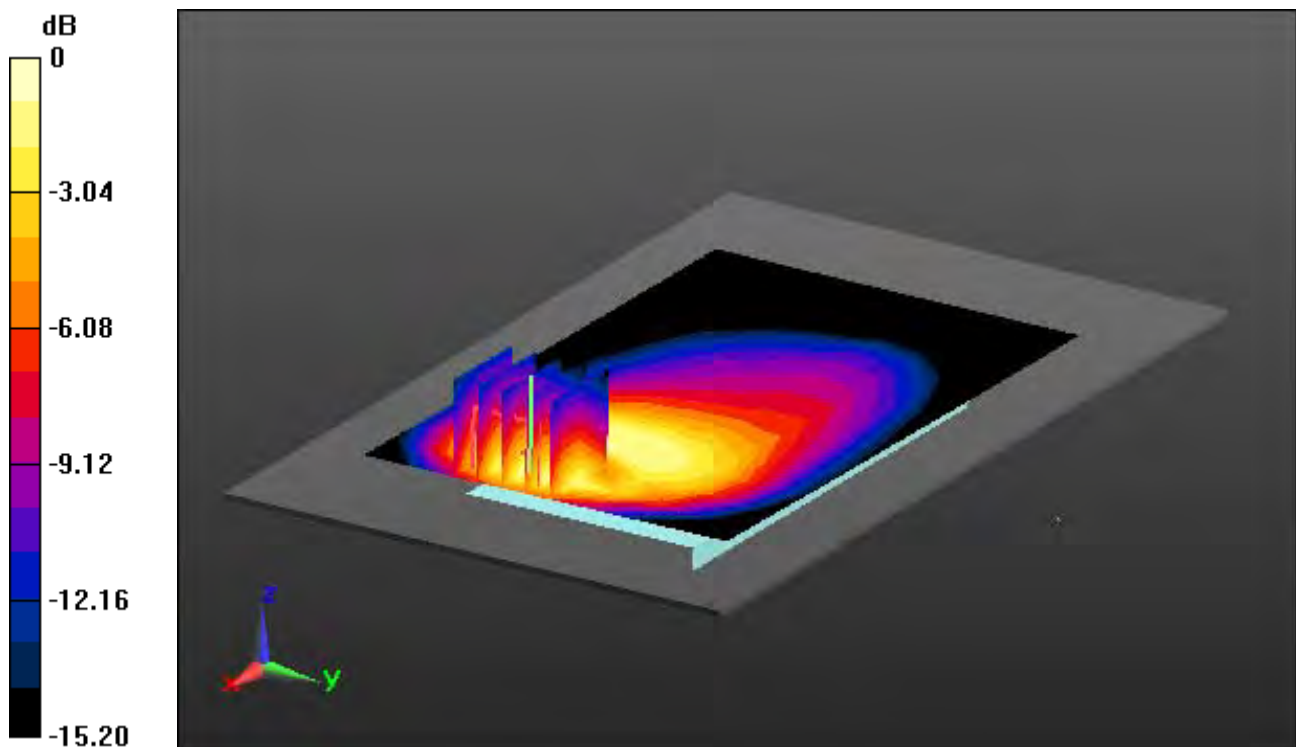
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.276 W/kg



0 dB = 0.646 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.008 \text{ S/m}$; $\epsilon_r = 53.601$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-21; Ambient Temp: 21.9; Tissue Temp: 22.4

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

With Enlarge Plot image

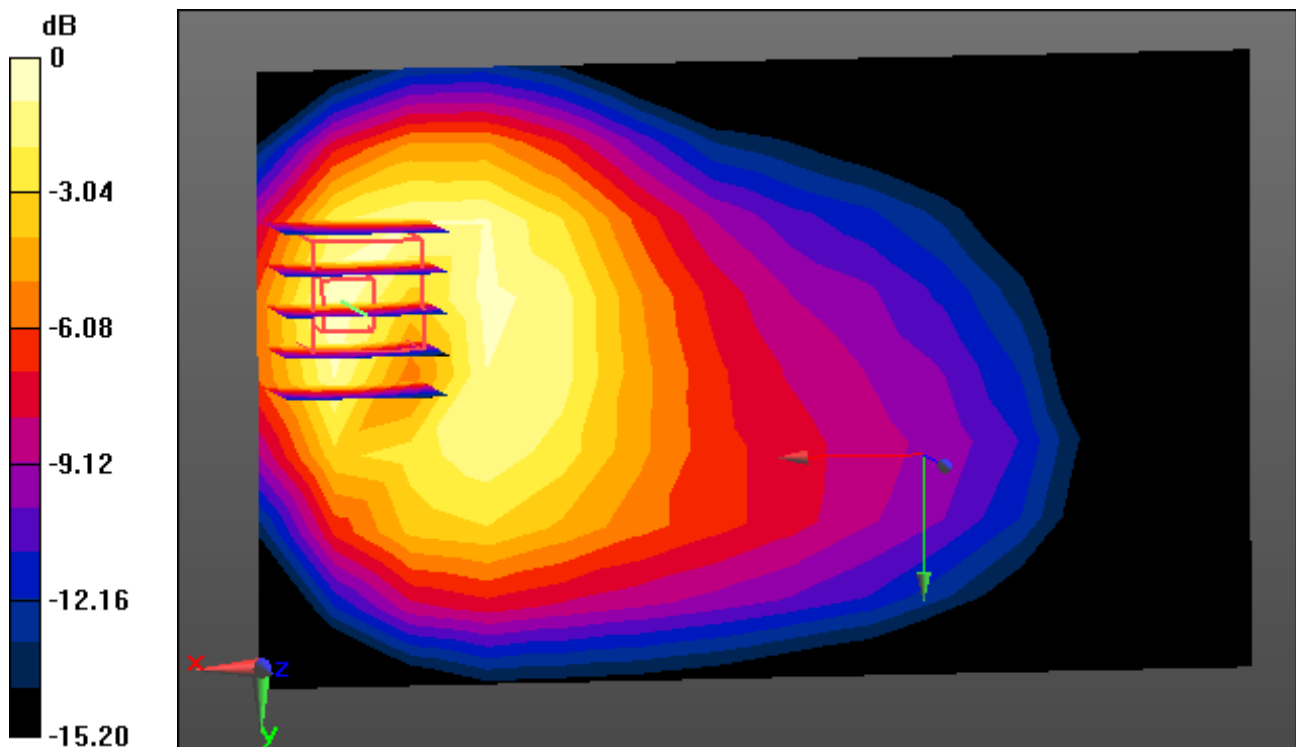
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.782 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.276 W/kg



0 dB = 0.646 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.008 \text{ S/m}$; $\epsilon_r = 53.601$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-21; Ambient Temp: 21.9; Tissue Temp: 22.4

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

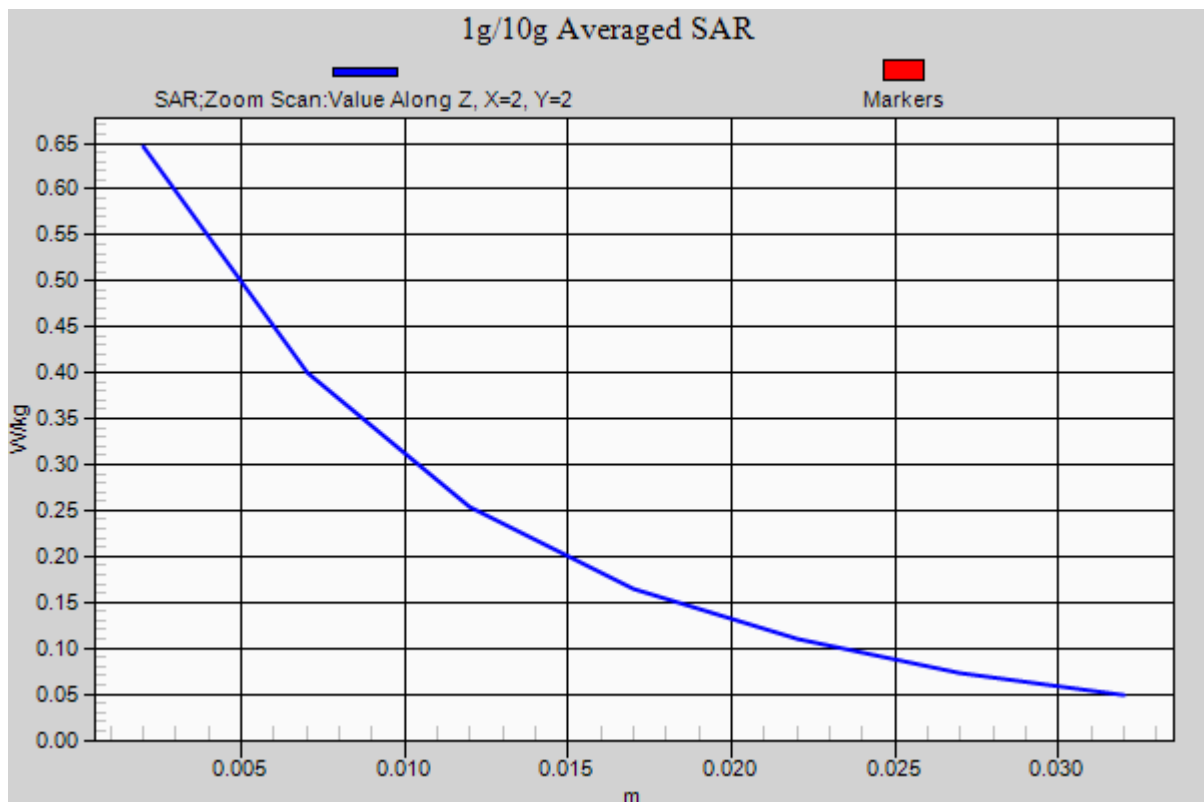
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.782 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.276 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.008 \text{ S/m}$; $\epsilon_r = 53.601$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-21; Ambient Temp: 21.9; Tissue Temp: 22.4

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

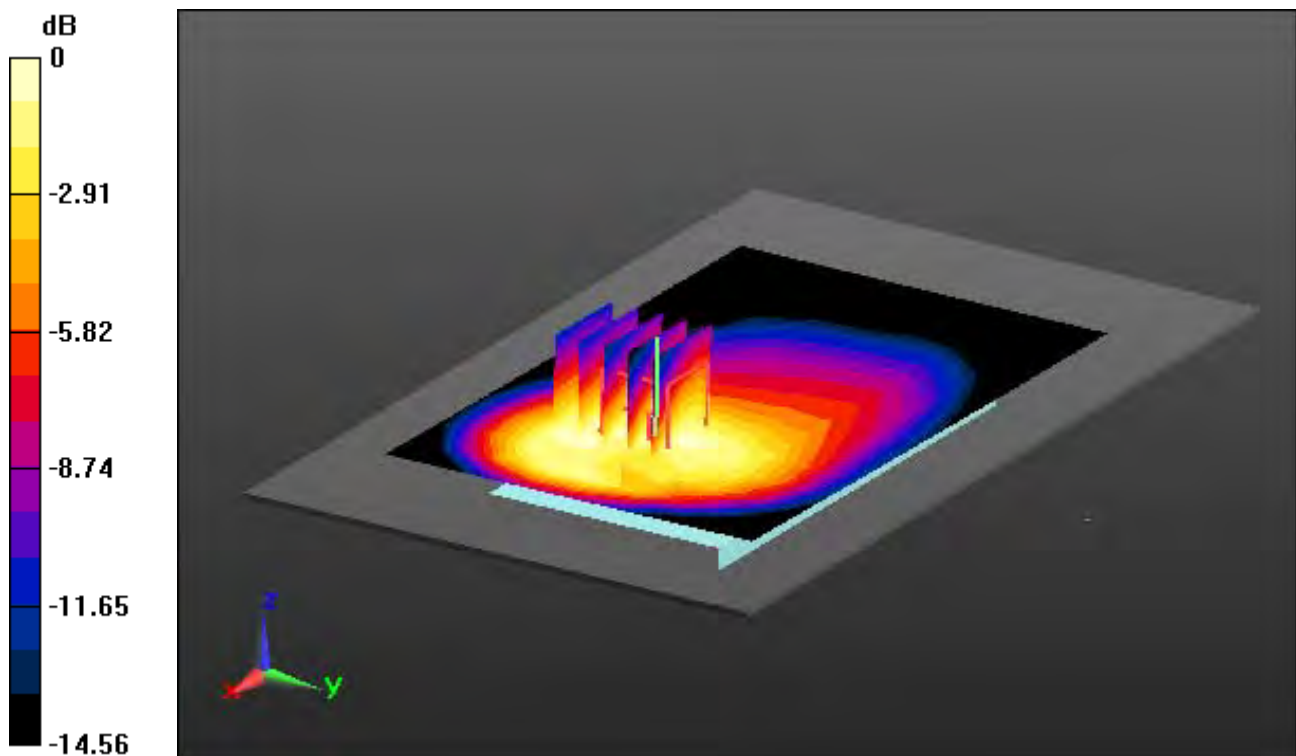
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.360 W/kg



0 dB = 0.692 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 53.601$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-21; Ambient Temp: 21.9; Tissue Temp: 22.4

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

With Enlarge Plot image

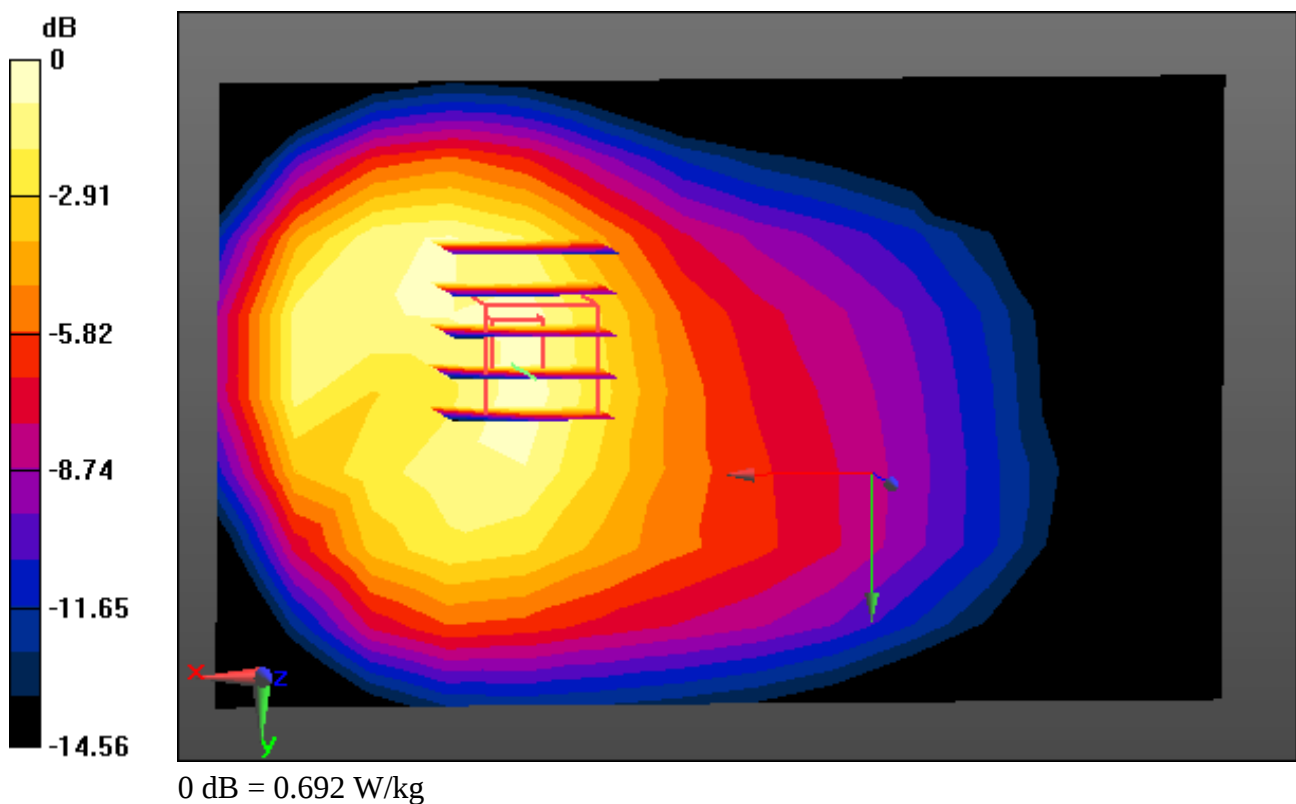
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.360 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 53.601$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-21; Ambient Temp: 21.9; Tissue Temp: 22.4

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

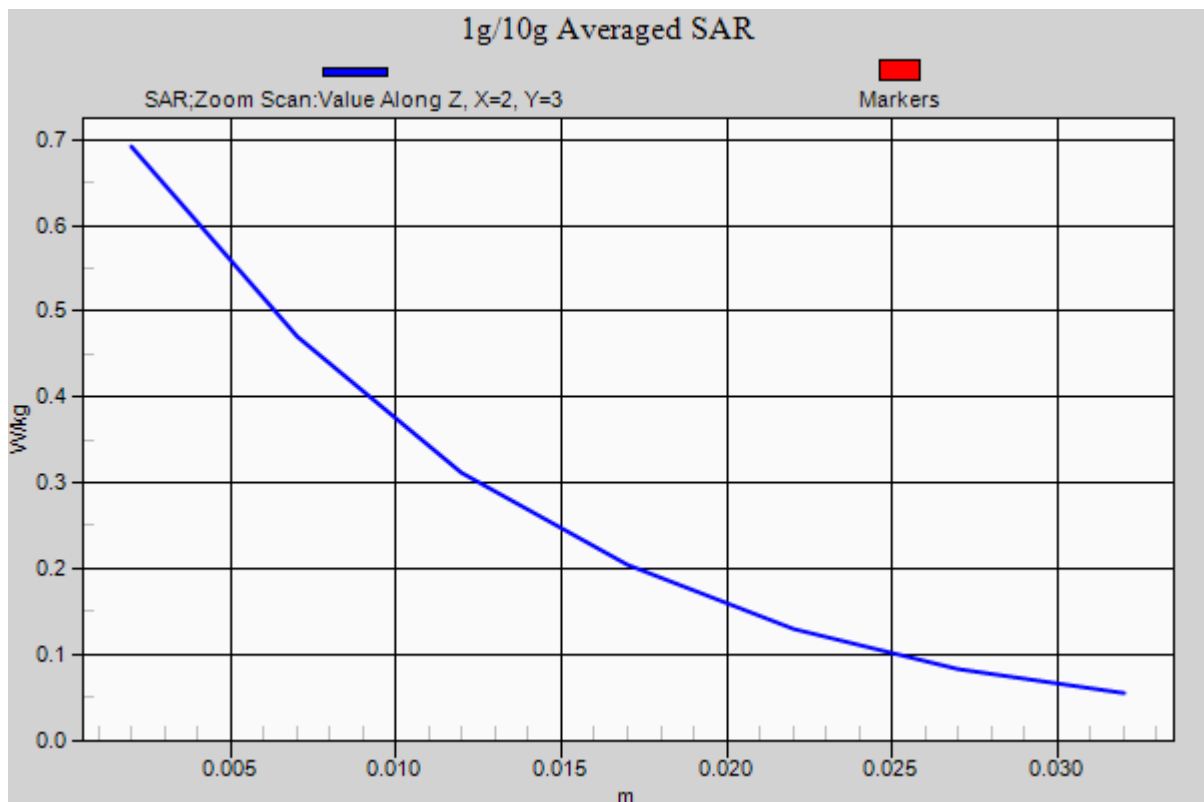
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.360 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

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

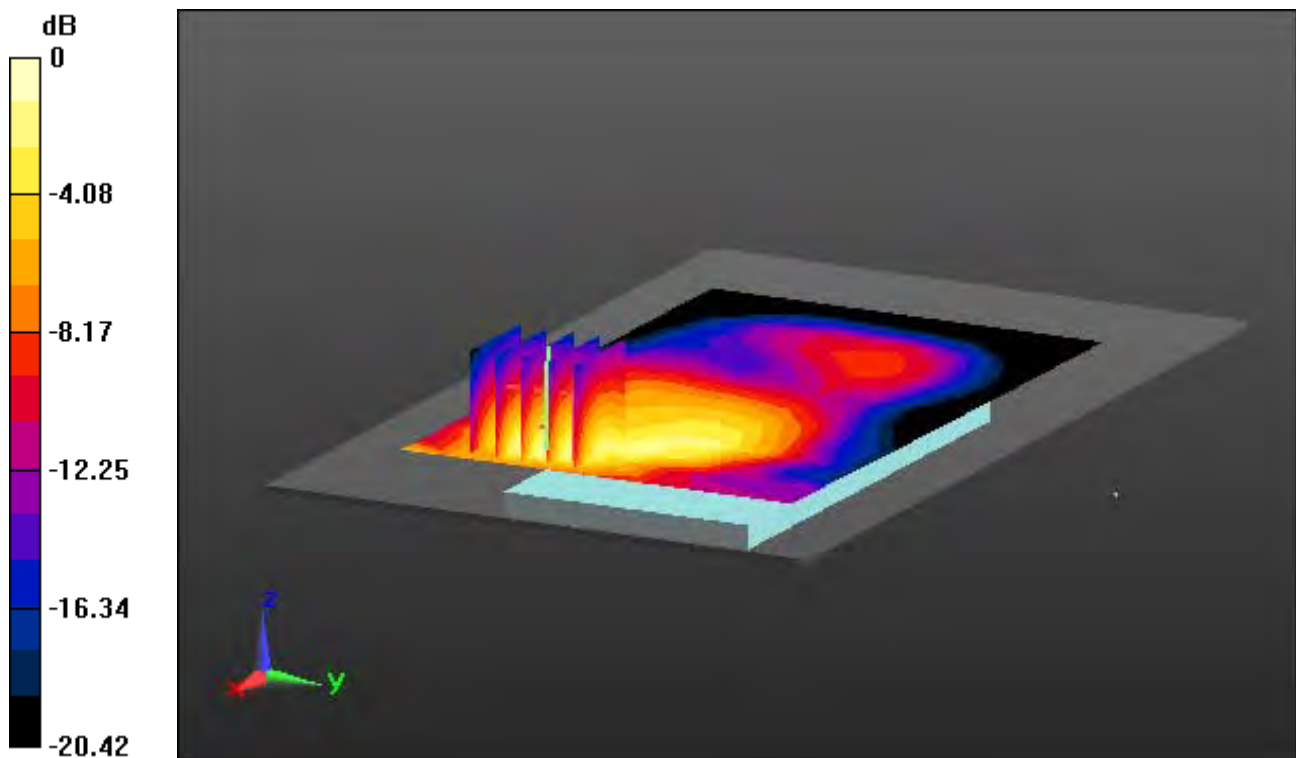
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.242 W/kg



0 dB = 0.639 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

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

With Enlarge Plot image

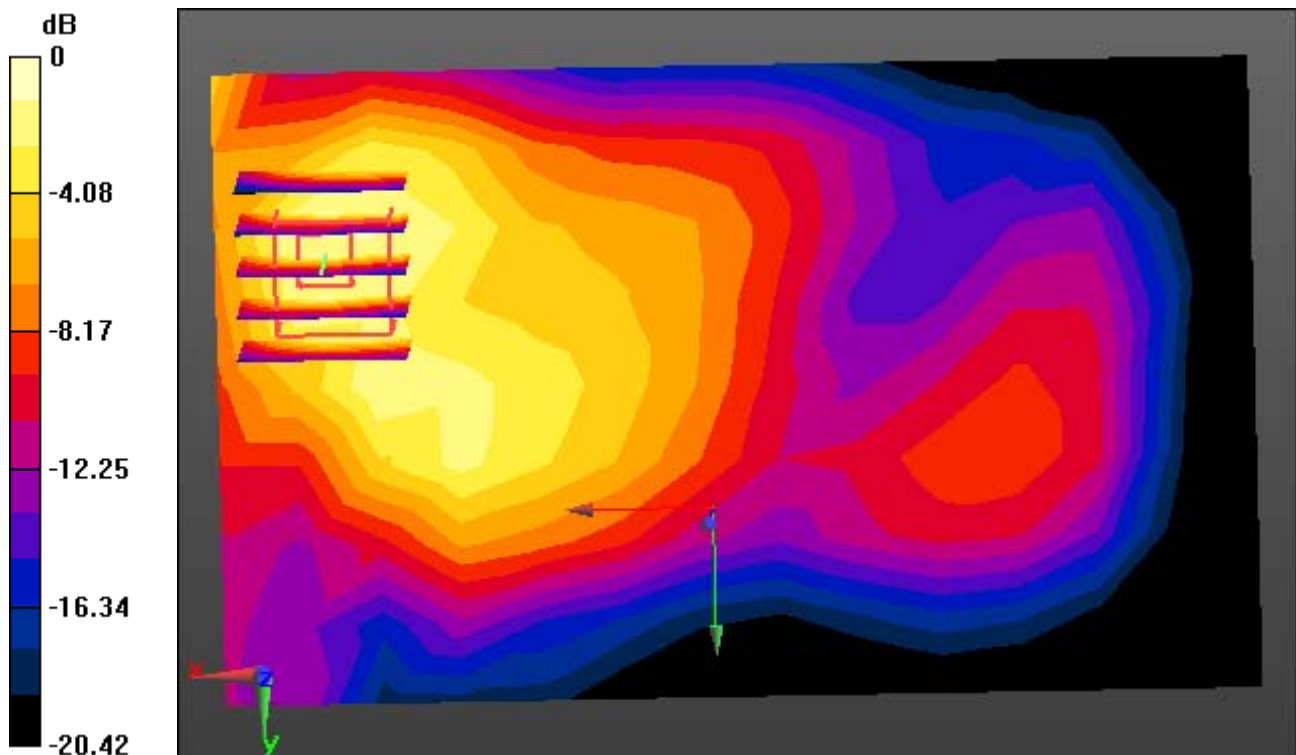
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.242 W/kg



0 dB = 0.639 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

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

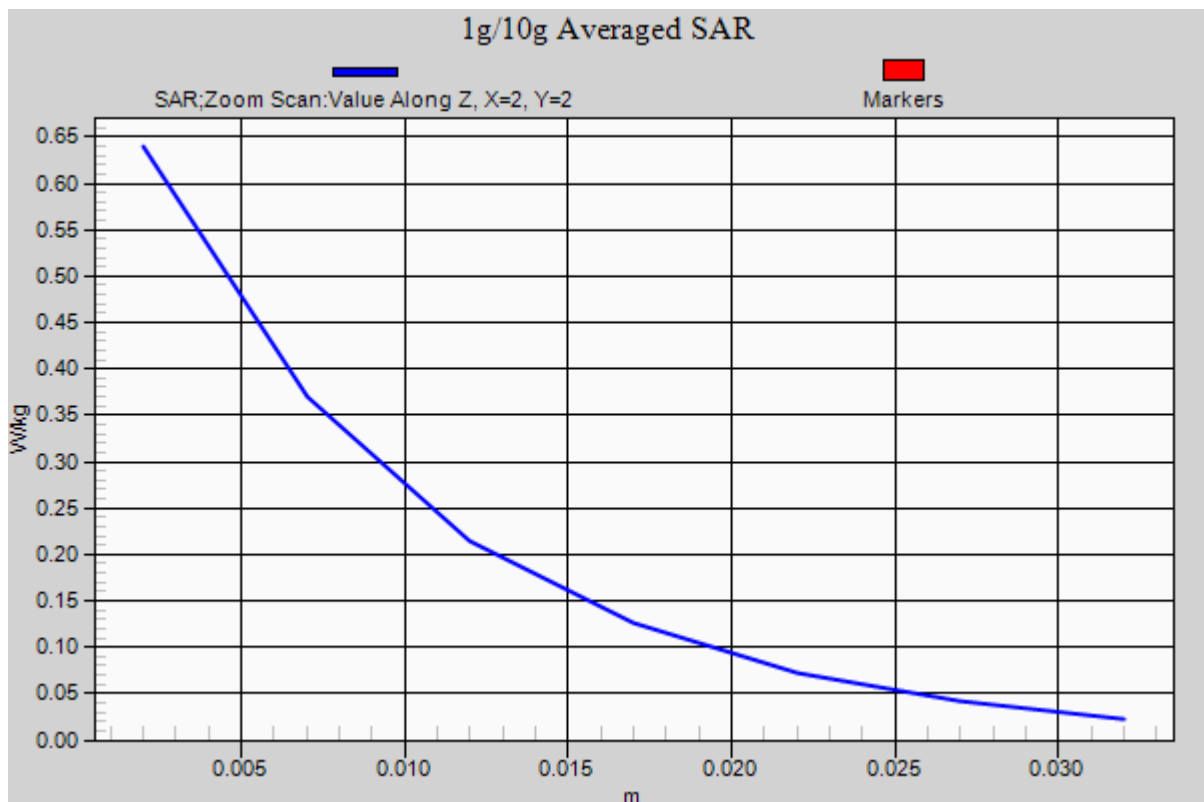
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.242 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

1 cm space from Body, Front, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

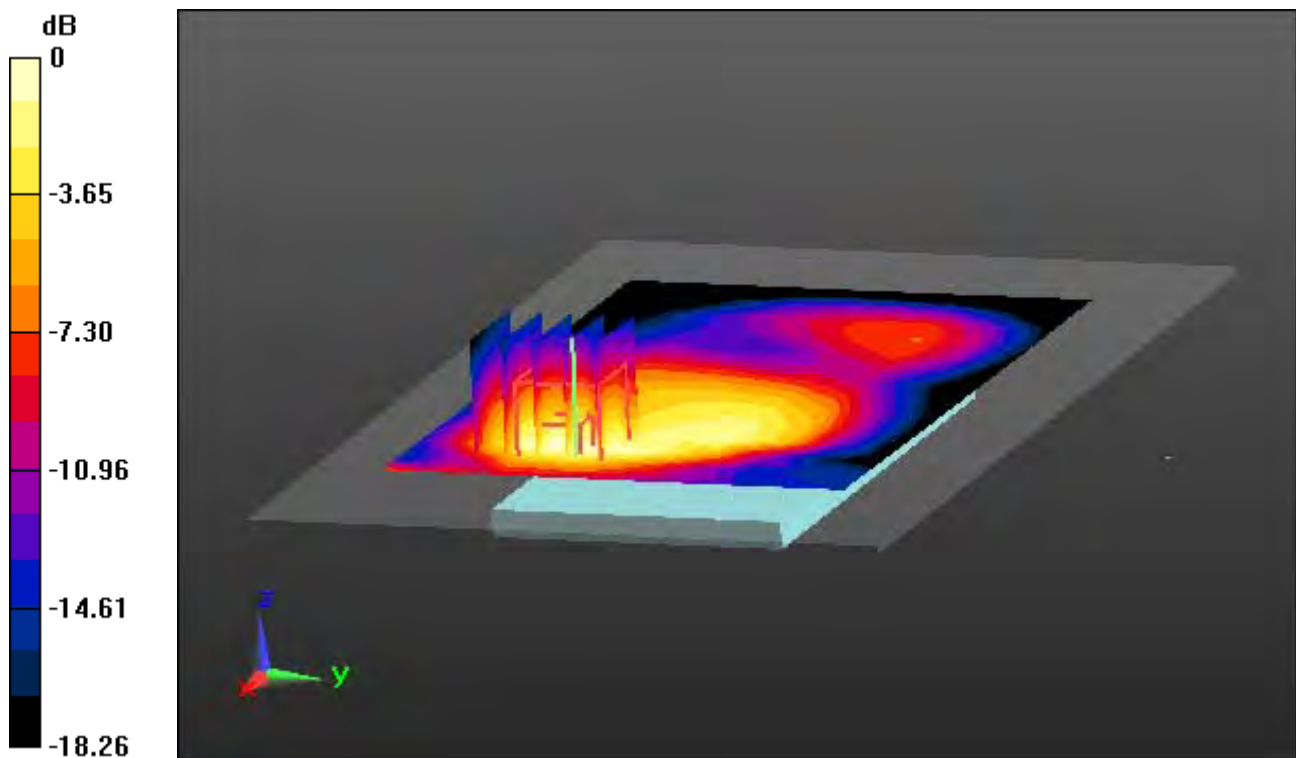
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.214 W/kg



0 dB = 0.499 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

1 cm space from Body, Front, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

With Enlarge Plot image

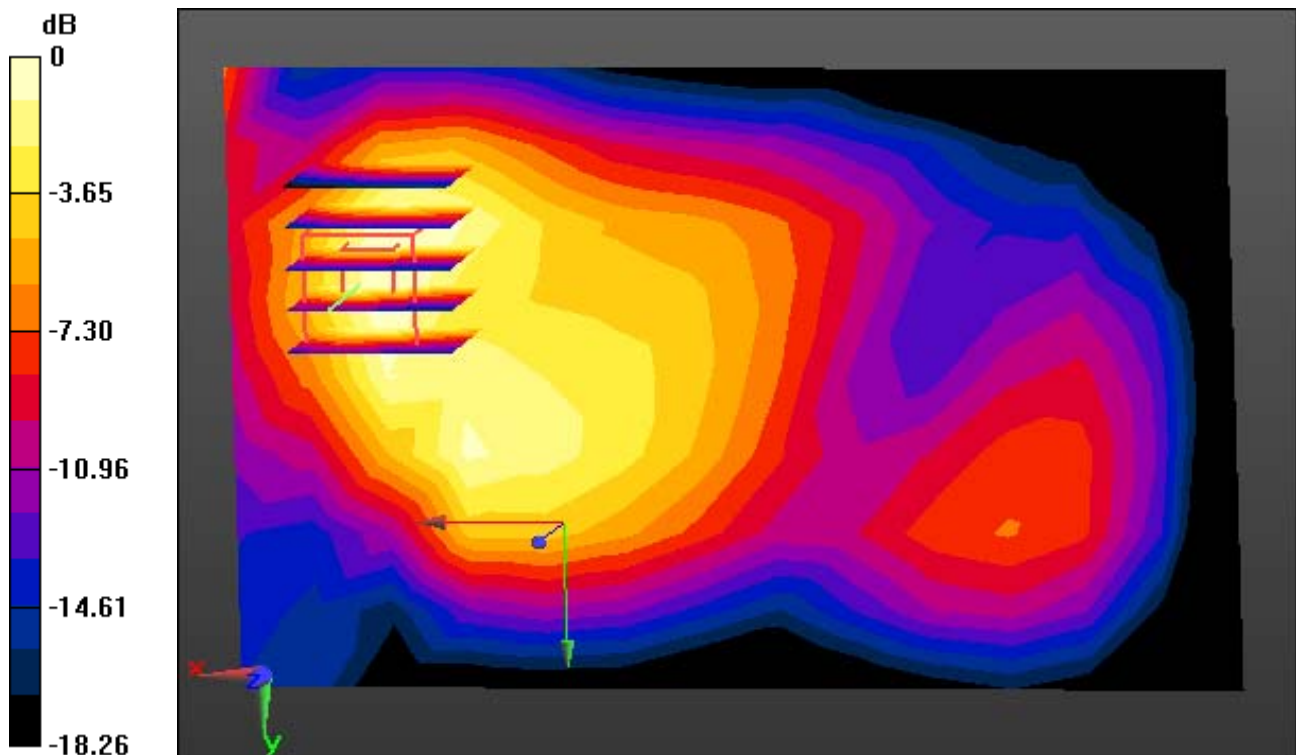
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.214 W/kg



0 dB = 0.499 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

1 cm space from Body, Front, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

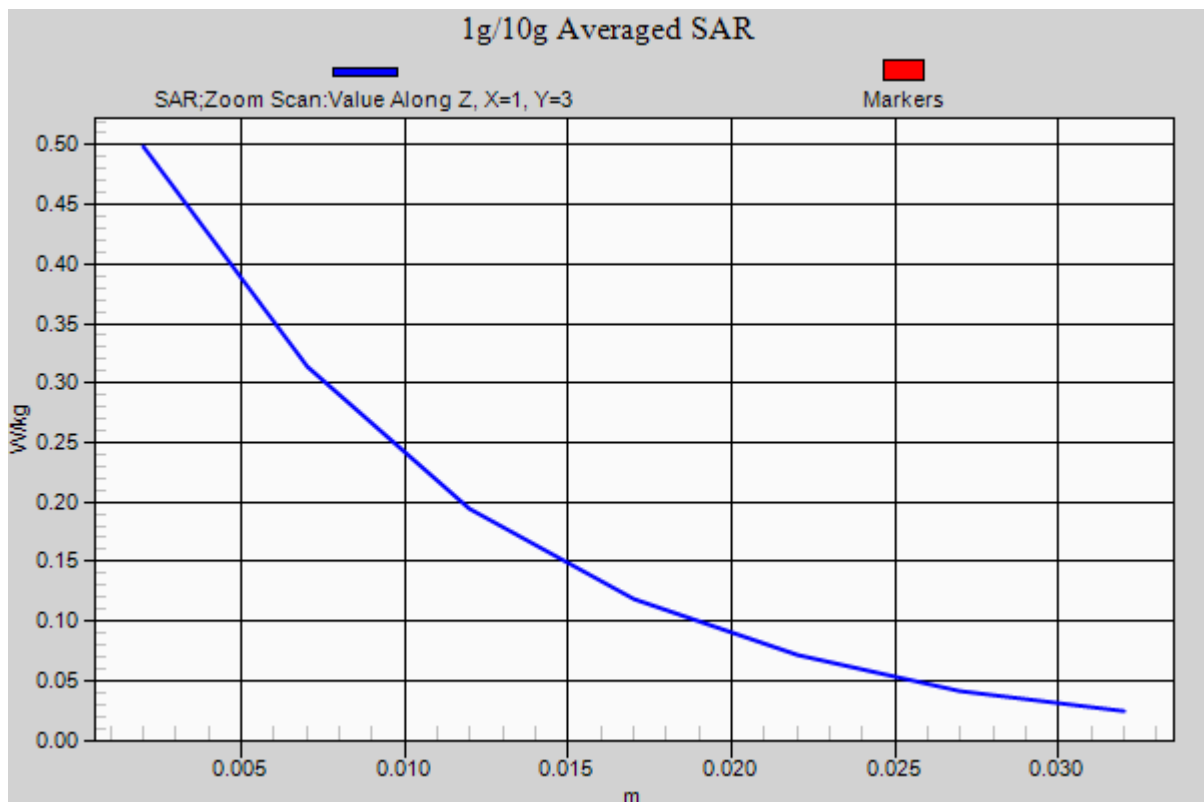
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.214 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.005 \text{ S/m}$; $\epsilon_r = 53.44$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-27; Ambient Temp: 21.8; Tissue Temp: 22.3

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

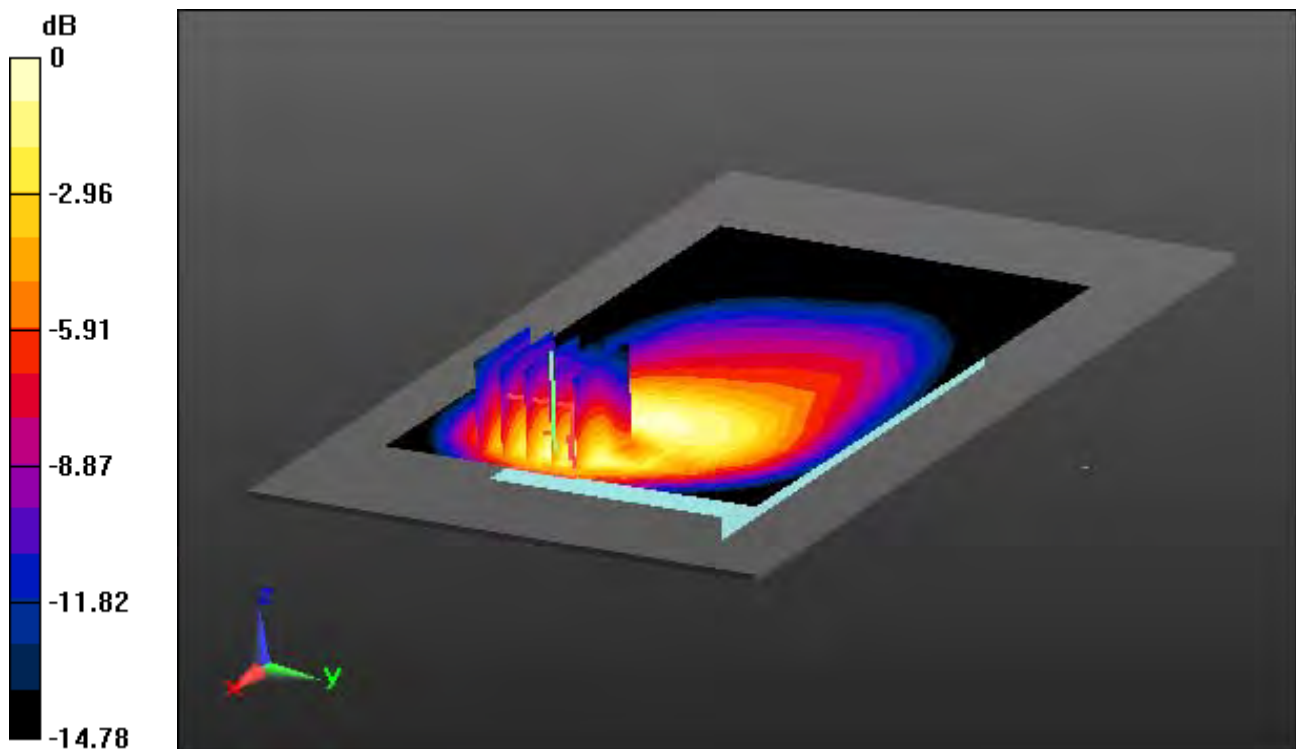
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.17 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.415 W/kg



0 dB = 0.957 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.005 \text{ S/m}$; $\epsilon_r = 53.44$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-27; Ambient Temp: 21.8; Tissue Temp: 22.3

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

With Enlarge Plot image

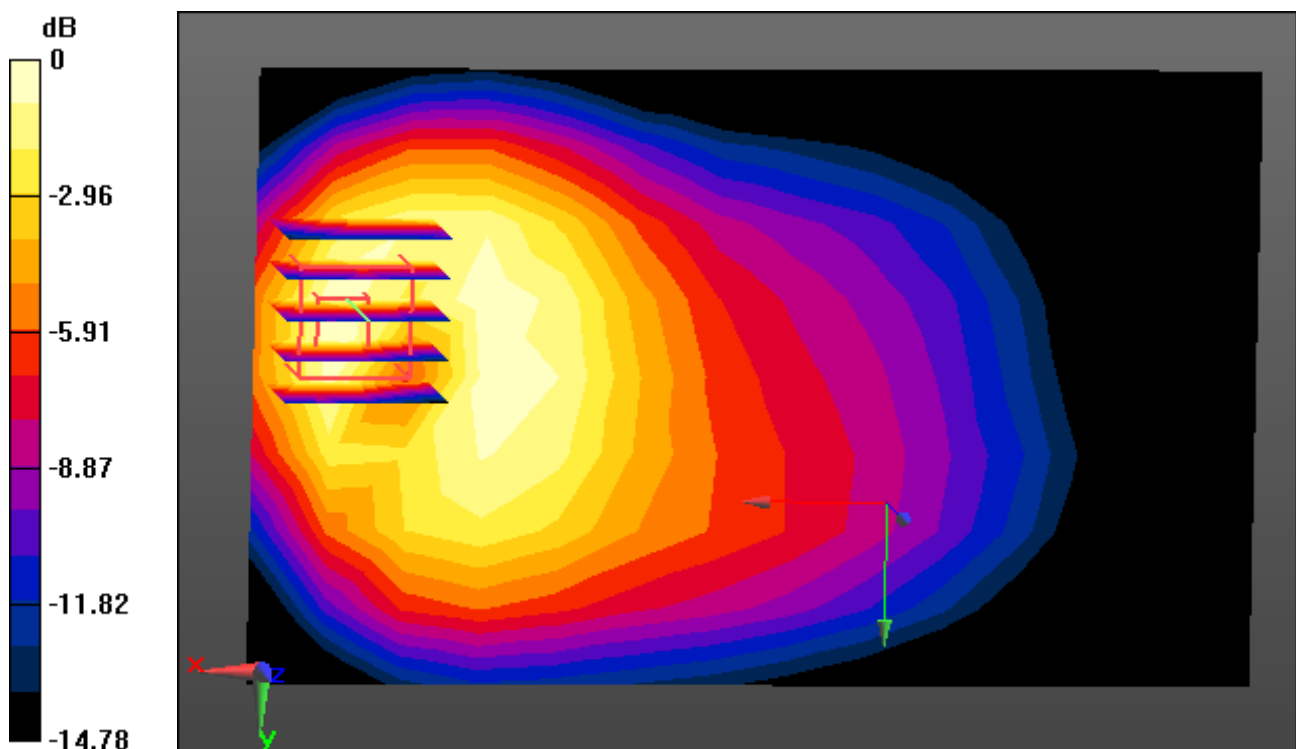
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.17 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.415 W/kg



0 dB = 0.957 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.005 \text{ S/m}$; $\epsilon_r = 53.44$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-27; Ambient Temp: 21.8; Tissue Temp: 22.3

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

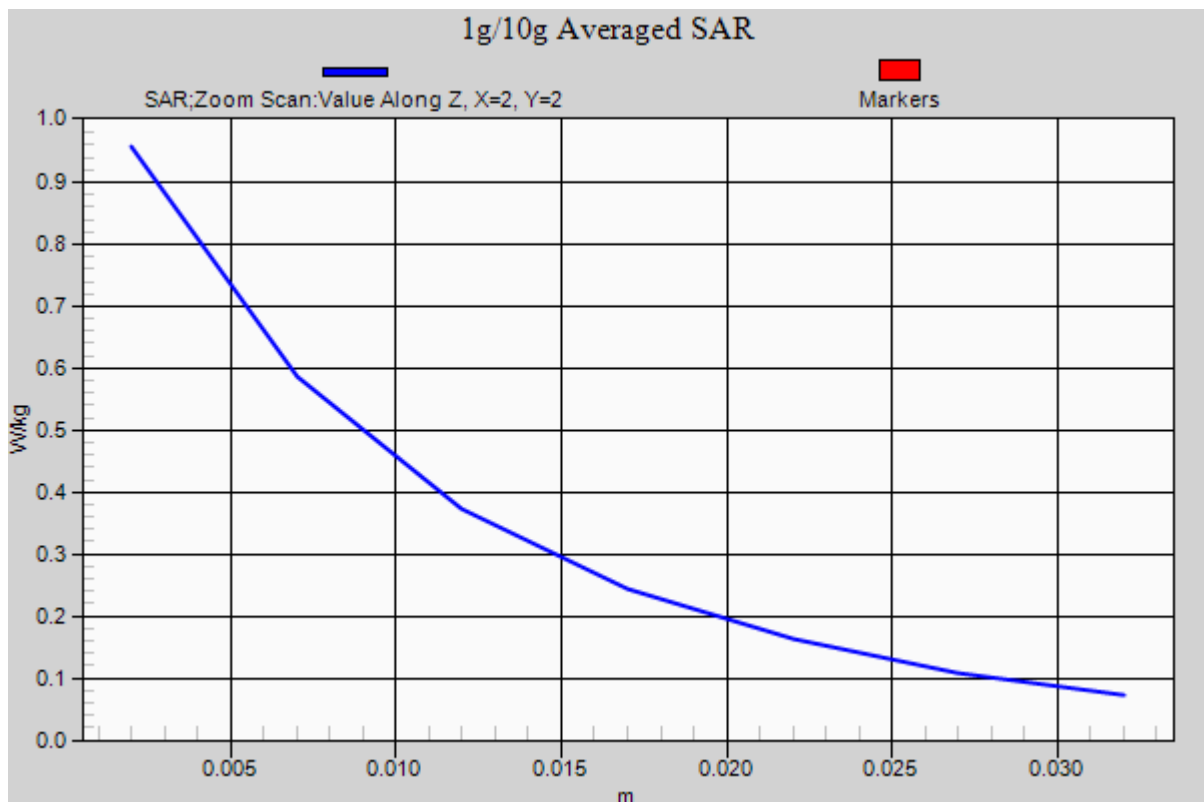
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.17 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.415 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.346$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

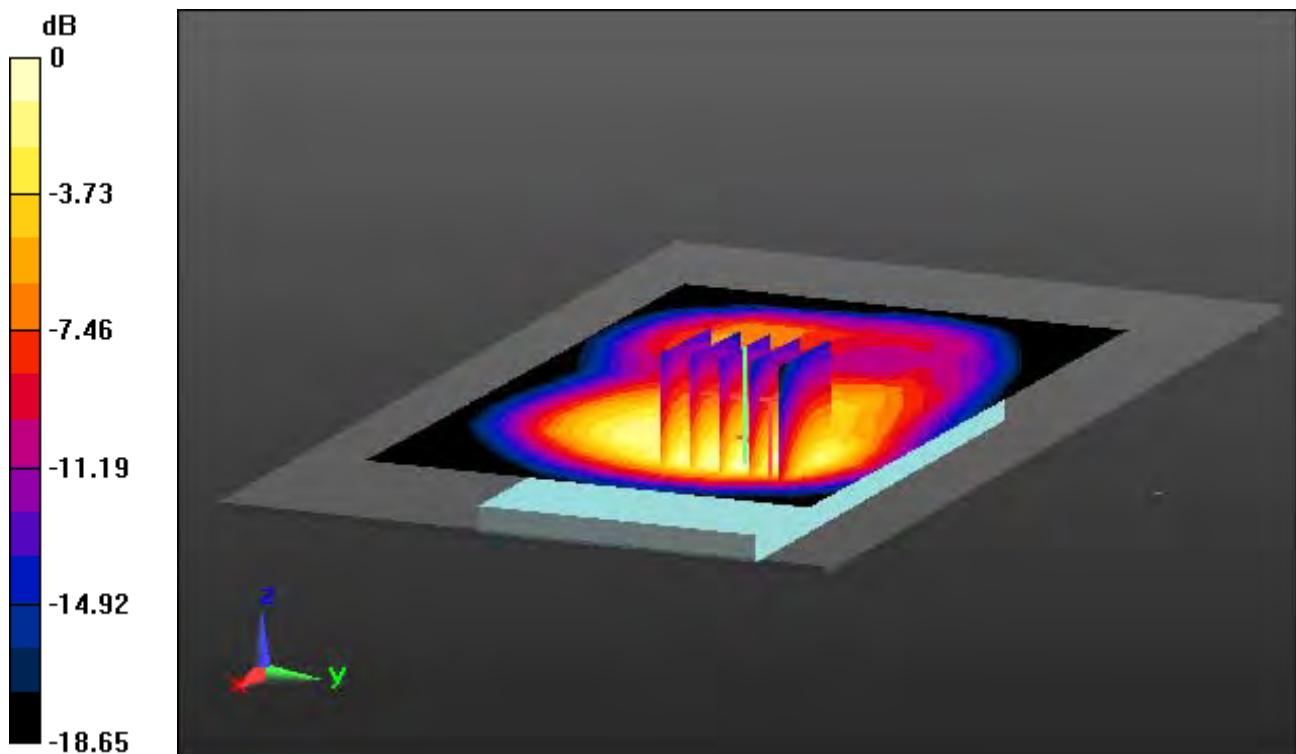
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.355 W/kg



0 dB = 0.819 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.346$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge Plot image

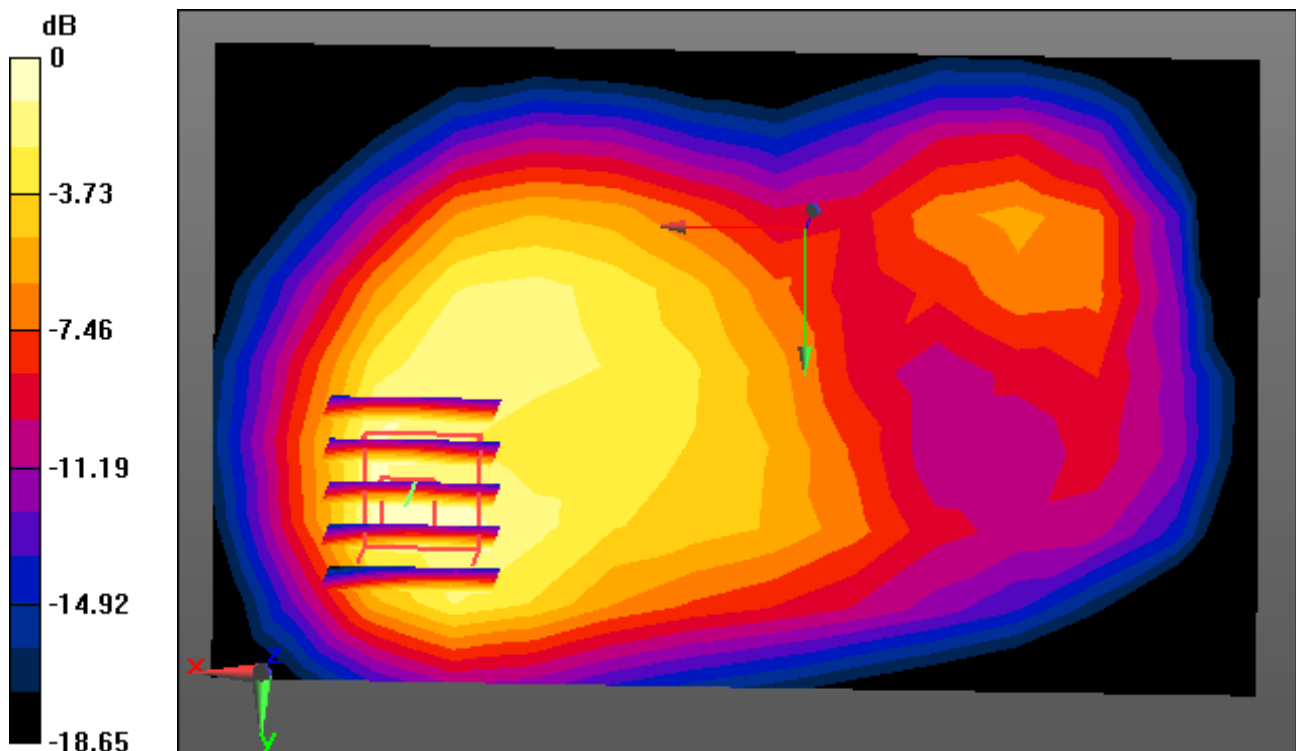
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.355 W/kg



0 dB = 0.819 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.346$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

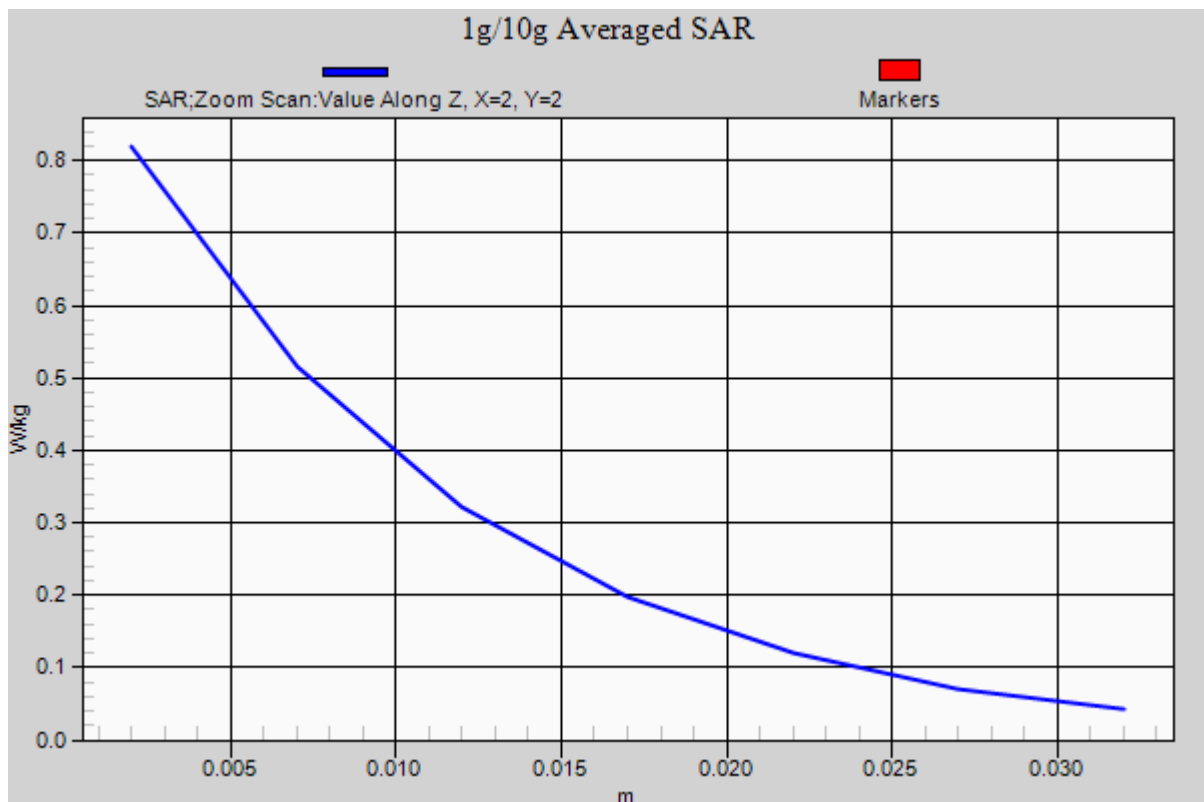
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.355 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 55.857$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.67, 9.67, 9.67); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-04; Ambient Temp: 21.6; Tissue Temp: 22.0

1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal

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

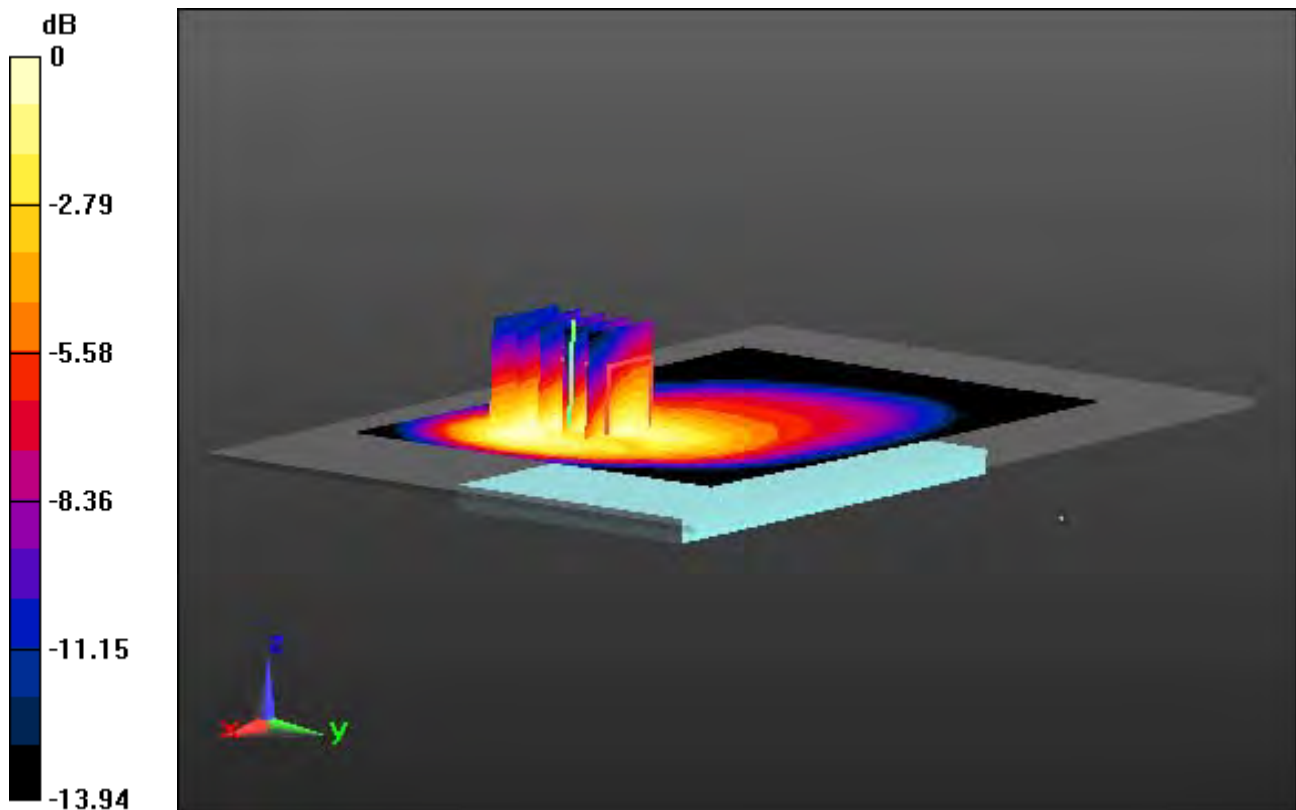
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.323 W/kg



0 dB = 0.631 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 55.857$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.67, 9.67, 9.67); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-04; Ambient Temp: 21.6; Tissue Temp: 22.0

1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal

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

With Enlarge Plot image

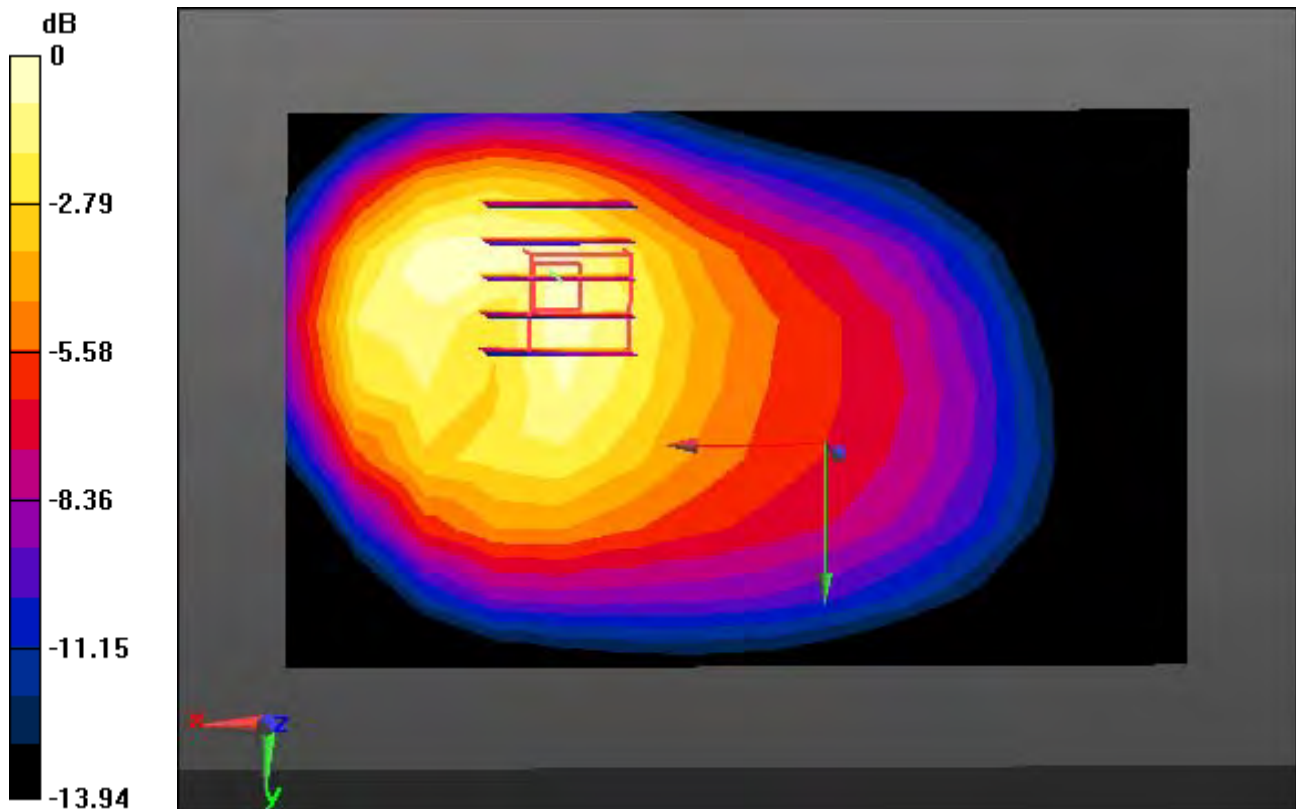
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.323 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 55.857$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.67, 9.67, 9.67); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-04; Ambient Temp: 21.6; Tissue Temp: 22.0

1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal

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

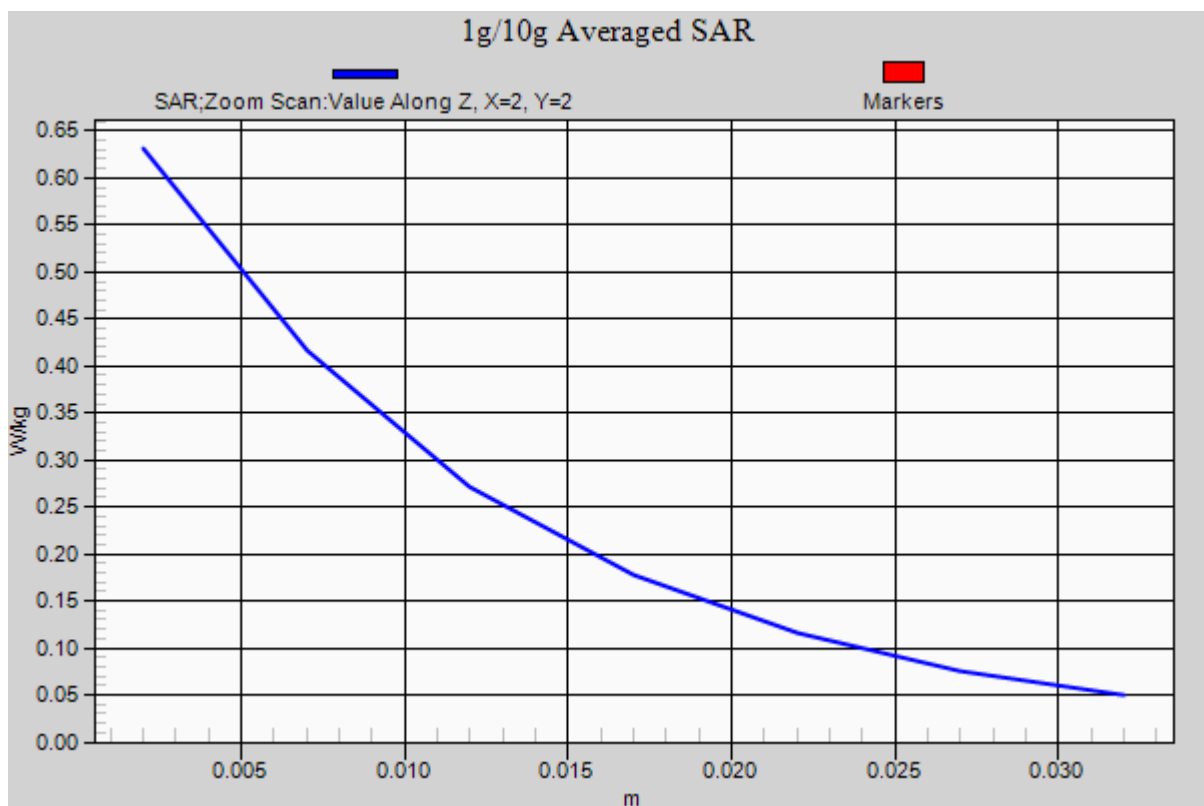
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.323 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 55.831$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.67, 9.67, 9.67); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-04; Ambient Temp: 21.6; Tissue Temp: 22.0

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

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

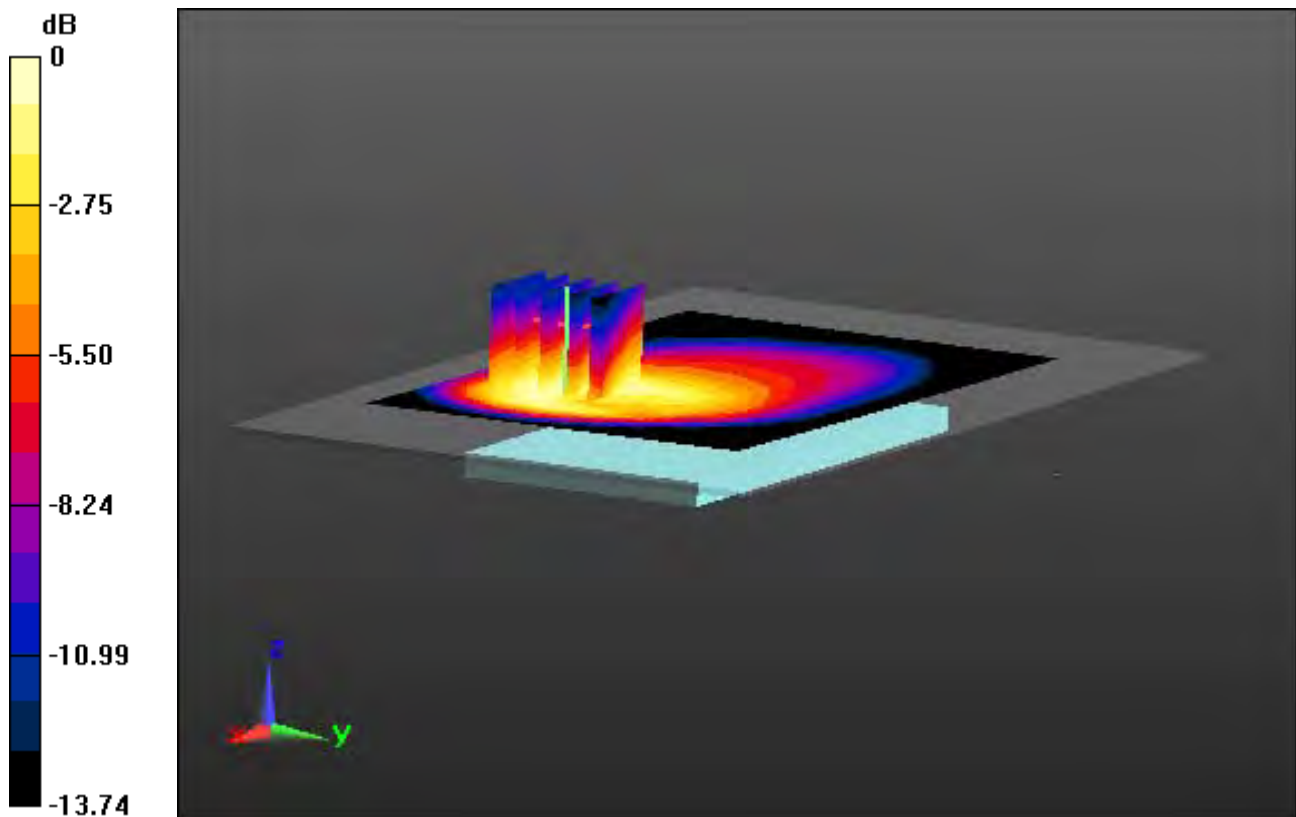
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.816 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.335 W/kg



0 dB = 0.664 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 55.831$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.67, 9.67, 9.67); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-04; Ambient Temp: 21.6; Tissue Temp: 22.0

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

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

With Enlarge Plot image

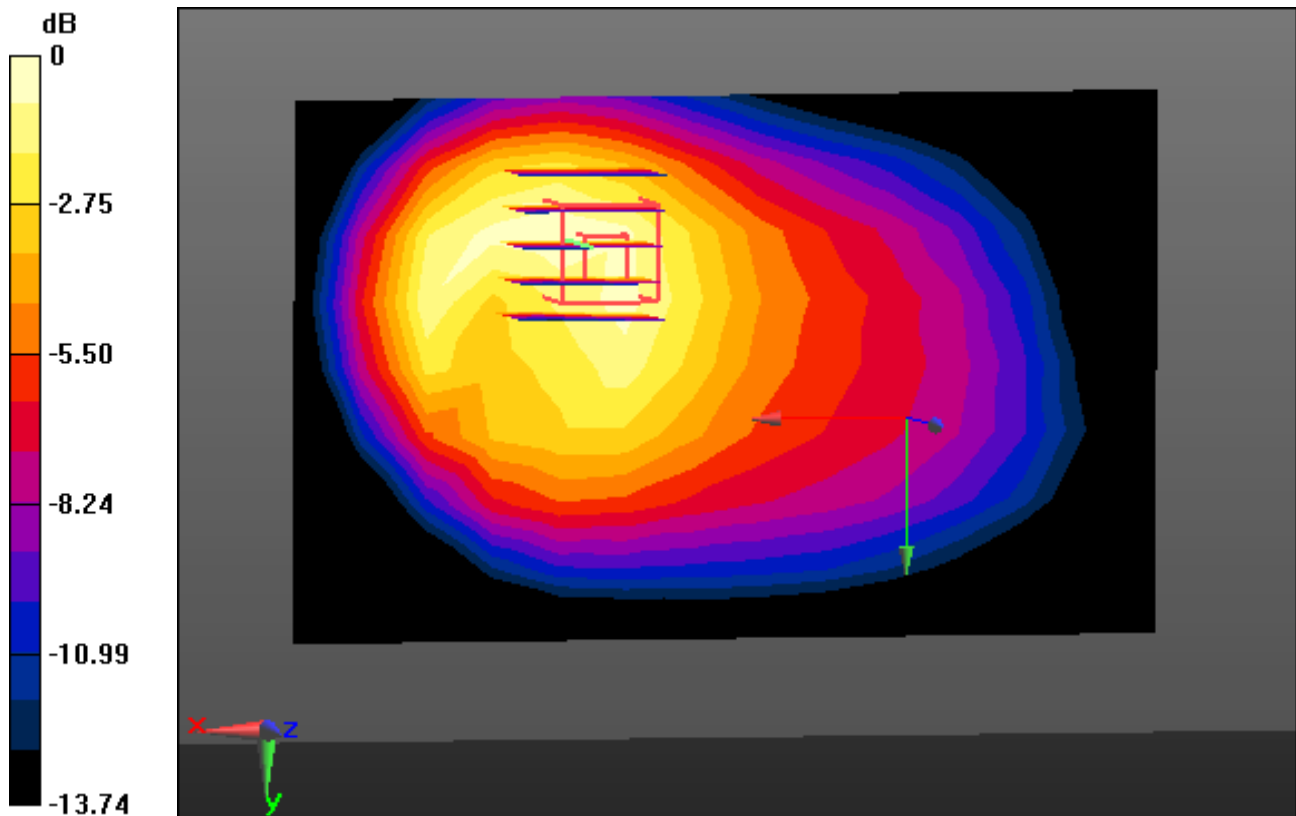
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.816 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.335 W/kg



0 dB = 0.664 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 55.831$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.67, 9.67, 9.67); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-04; Ambient Temp: 21.6; Tissue Temp: 22.0

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

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

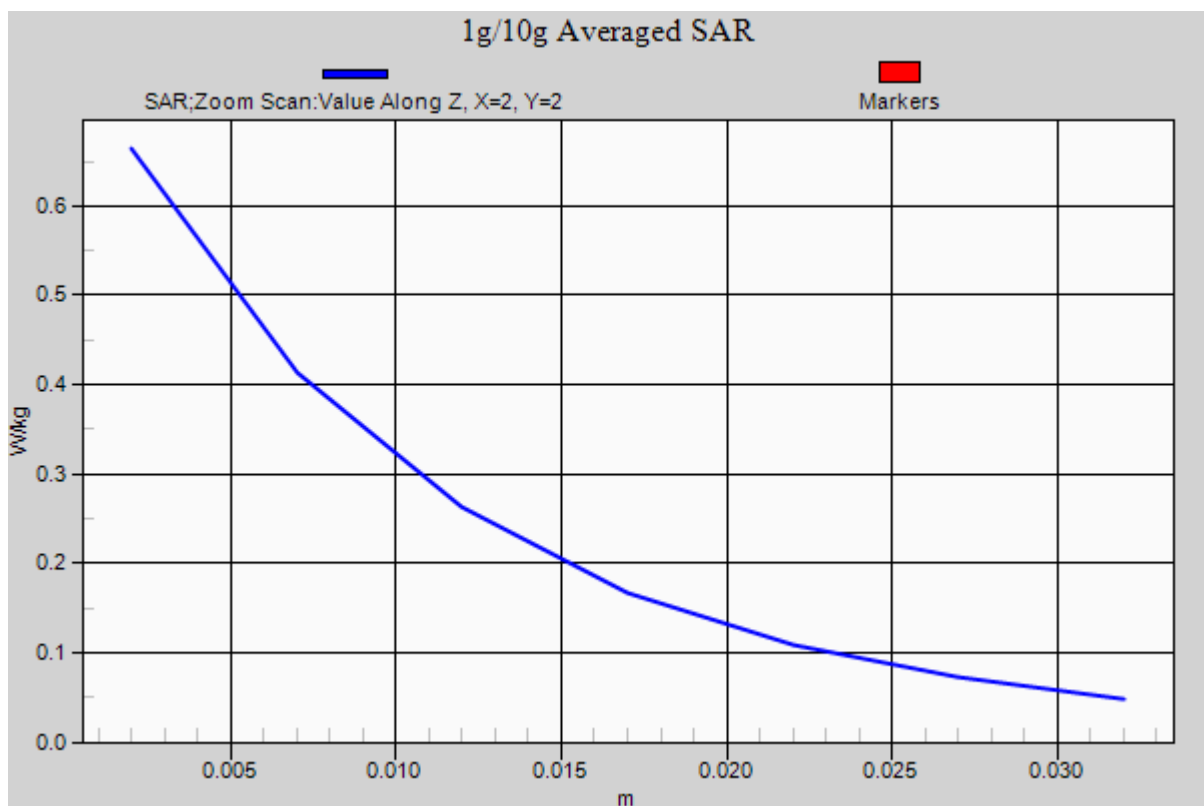
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.816 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.335 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 53.42$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.3

1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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

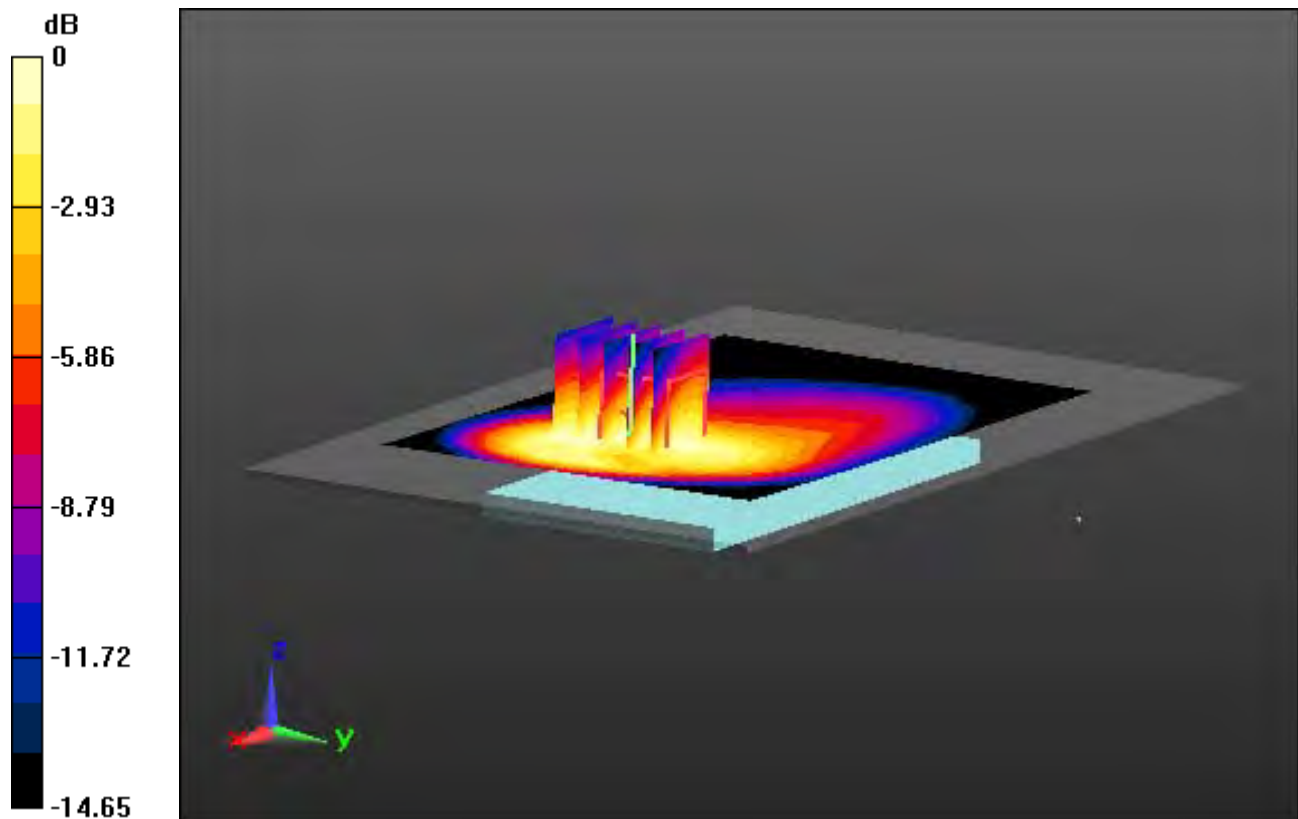
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.323 W/kg



0 dB = 0.620 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 1.004 \text{ S/m}$; $\epsilon_r = 53.42$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.3

1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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

With Enlarge Plot image

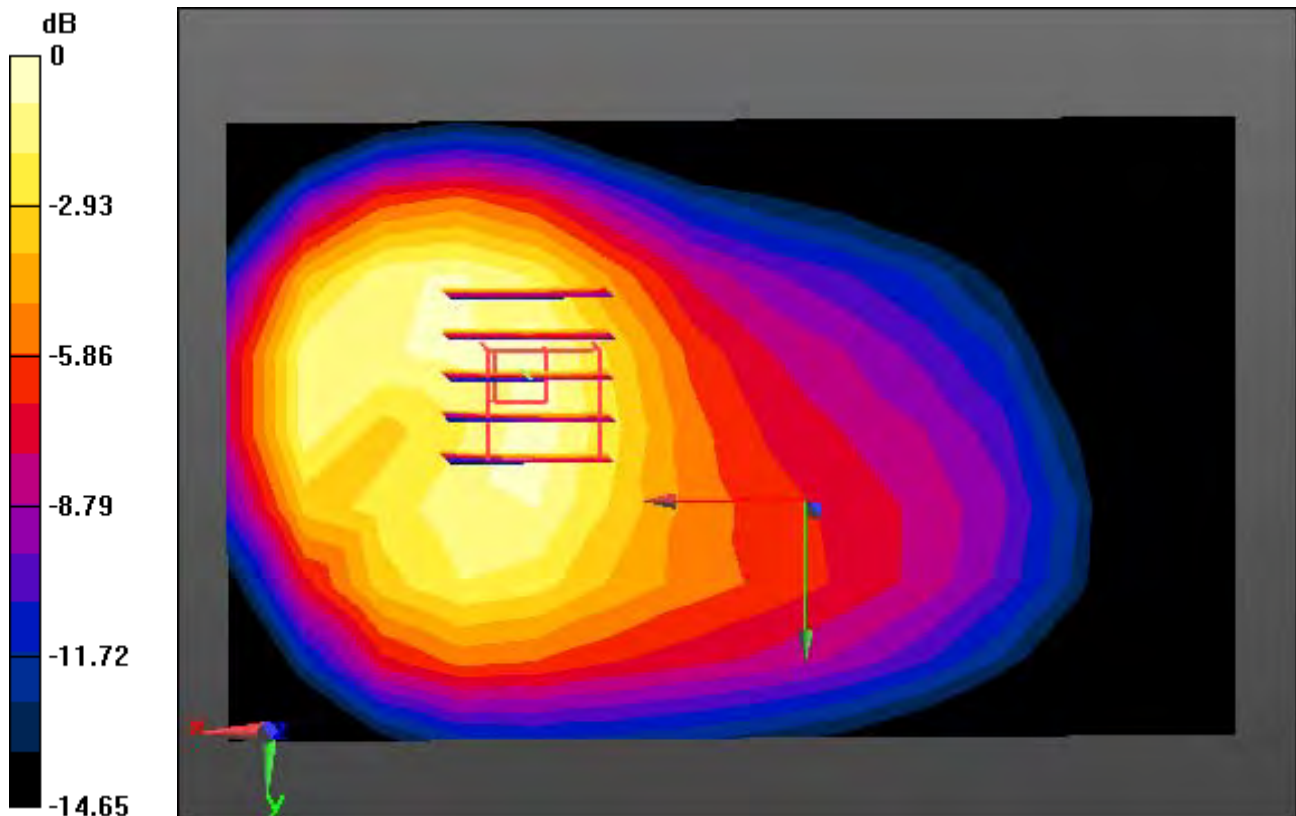
Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.323 W/kg



0 dB = 0.620 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 53.42$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.44, 9.44, 9.44); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-28; Ambient Temp: 21.4; Tissue Temp: 21.3

1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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

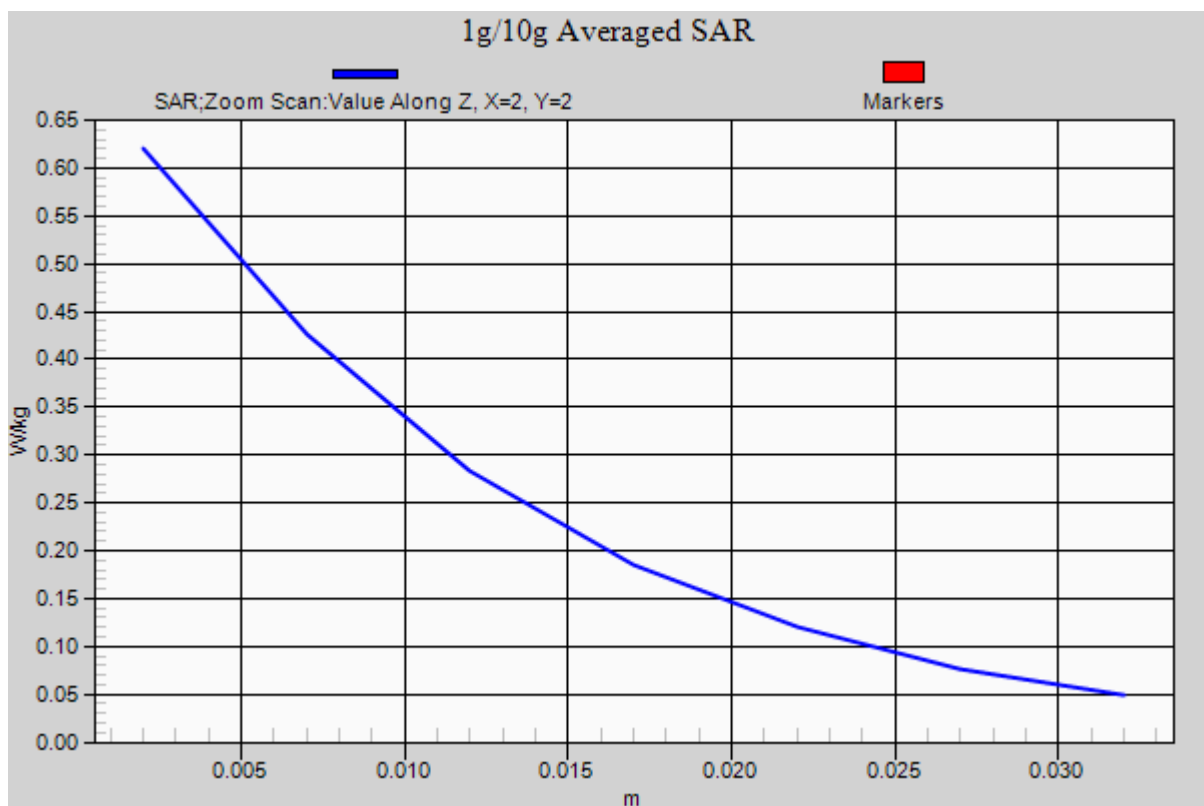
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.323 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.856$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.16, 8.16, 8.16); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.3

1 cm space from Body, Front, LTE Band 4 Ch. 20175, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

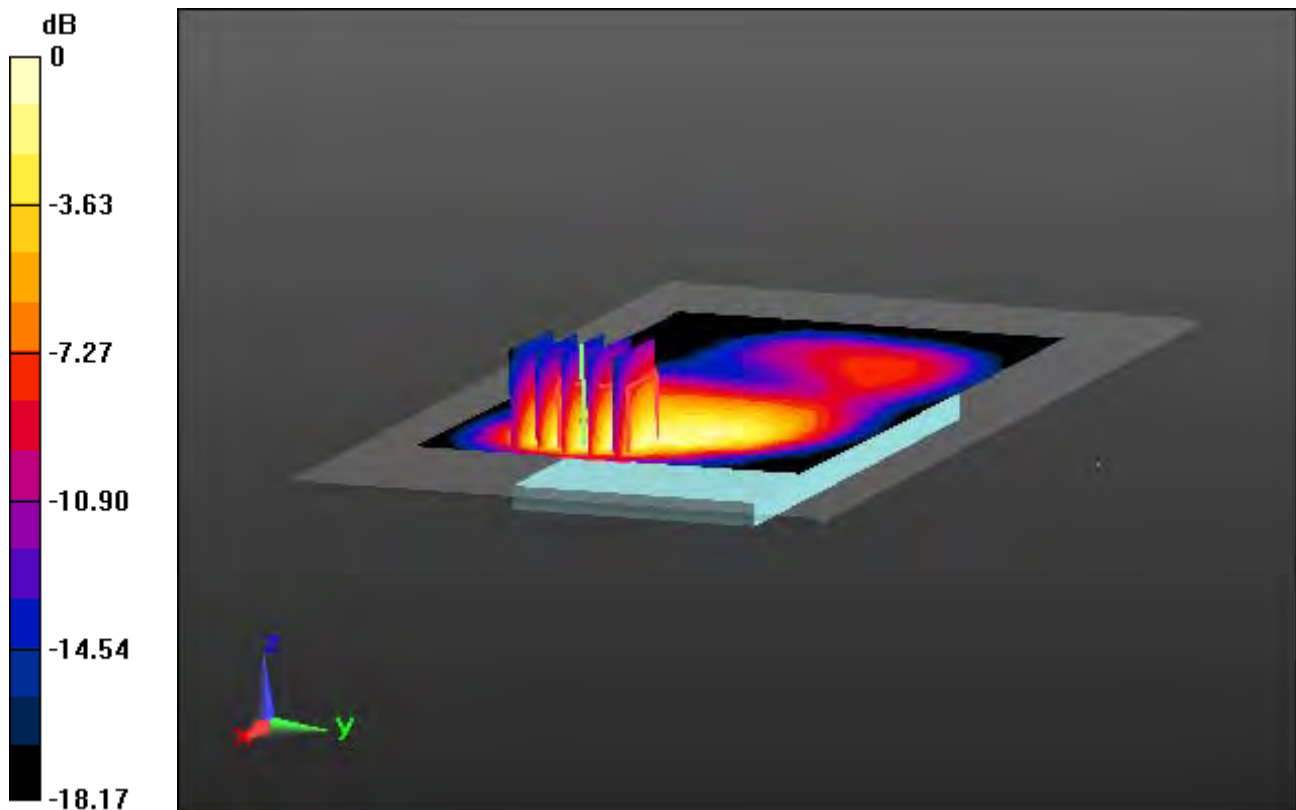
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.536 W/kg



0 dB = 1.31 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.856$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.16, 8.16, 8.16); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.3

1 cm space from Body, Front, LTE Band 4 Ch. 20175, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

With Enlarge Plot image

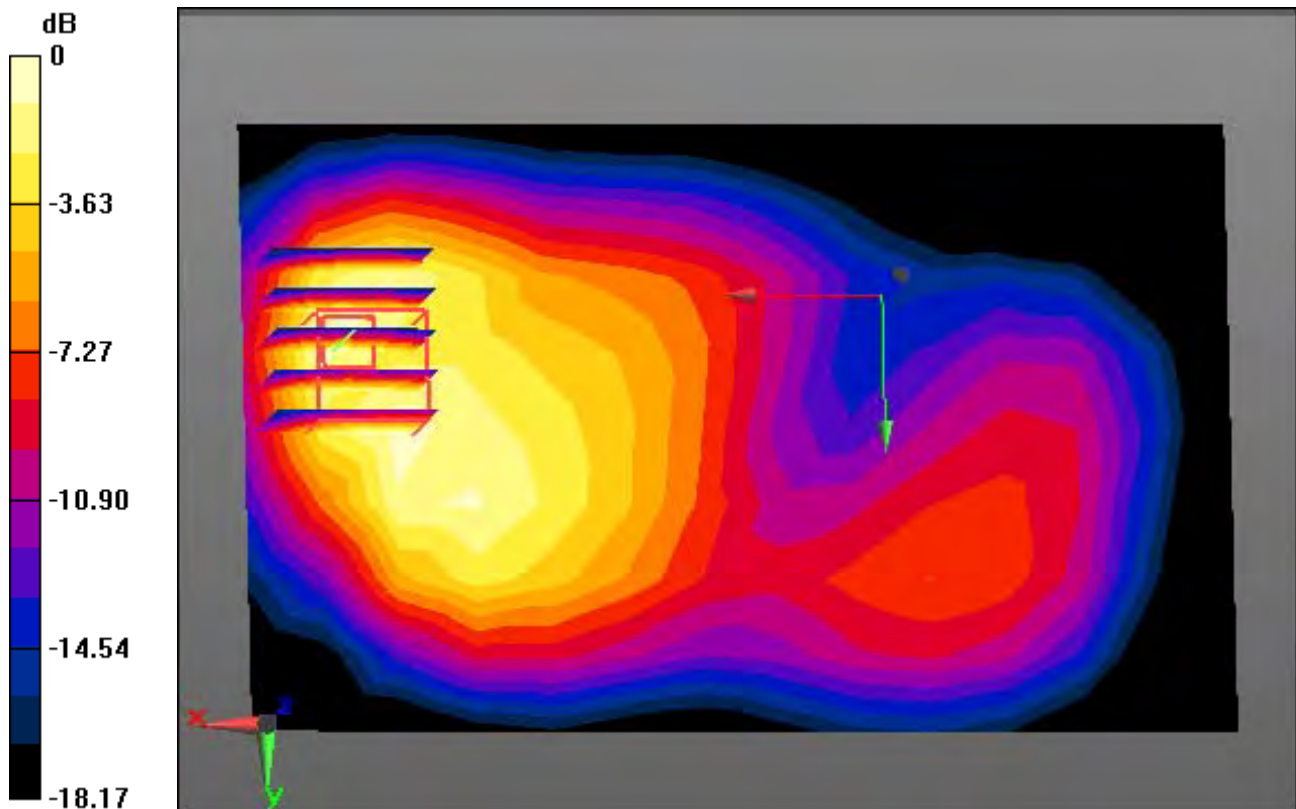
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.536 W/kg



0 dB = 1.31 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.856$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.16, 8.16, 8.16); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-30; Ambient Temp: 21.5; Tissue Temp: 21.3

1 cm space from Body, Front, LTE Band 4 Ch. 20175, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

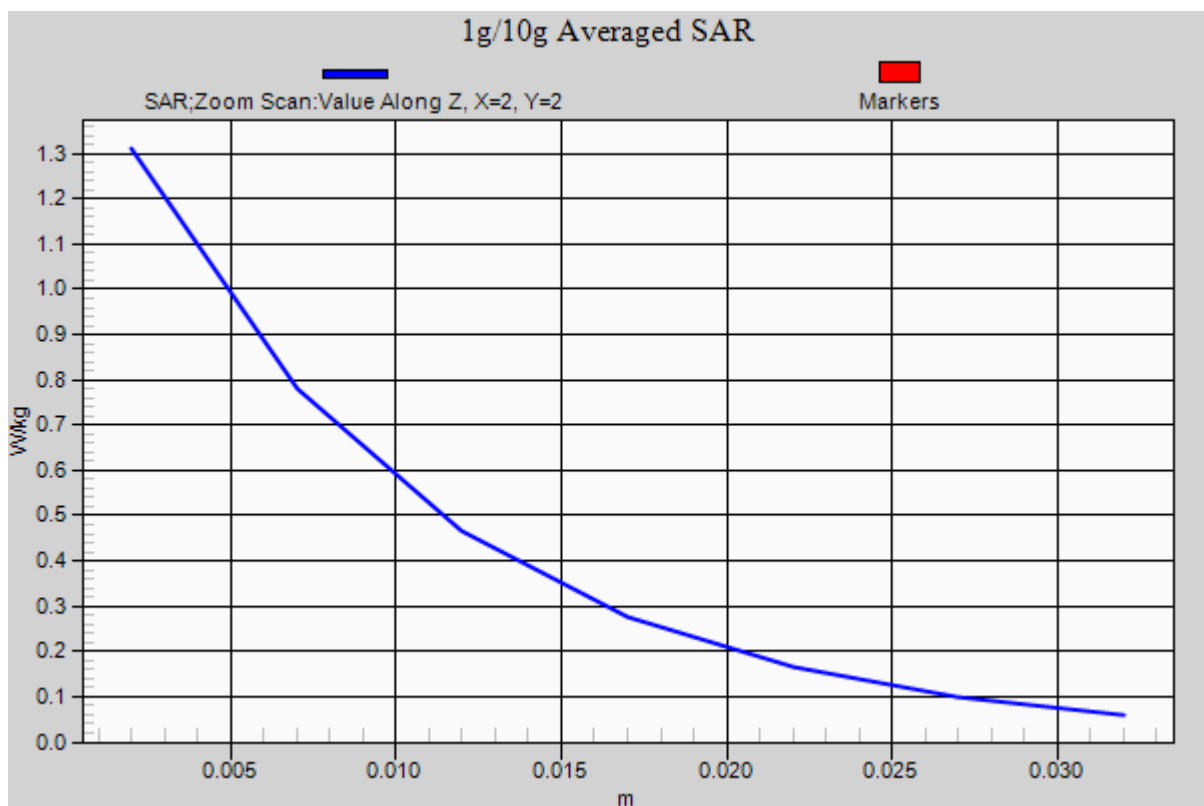
Area Scan (14x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.536 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.000$ S/m; $\epsilon_r = 52.078$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, LTE Band 7 Ch. 20850, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

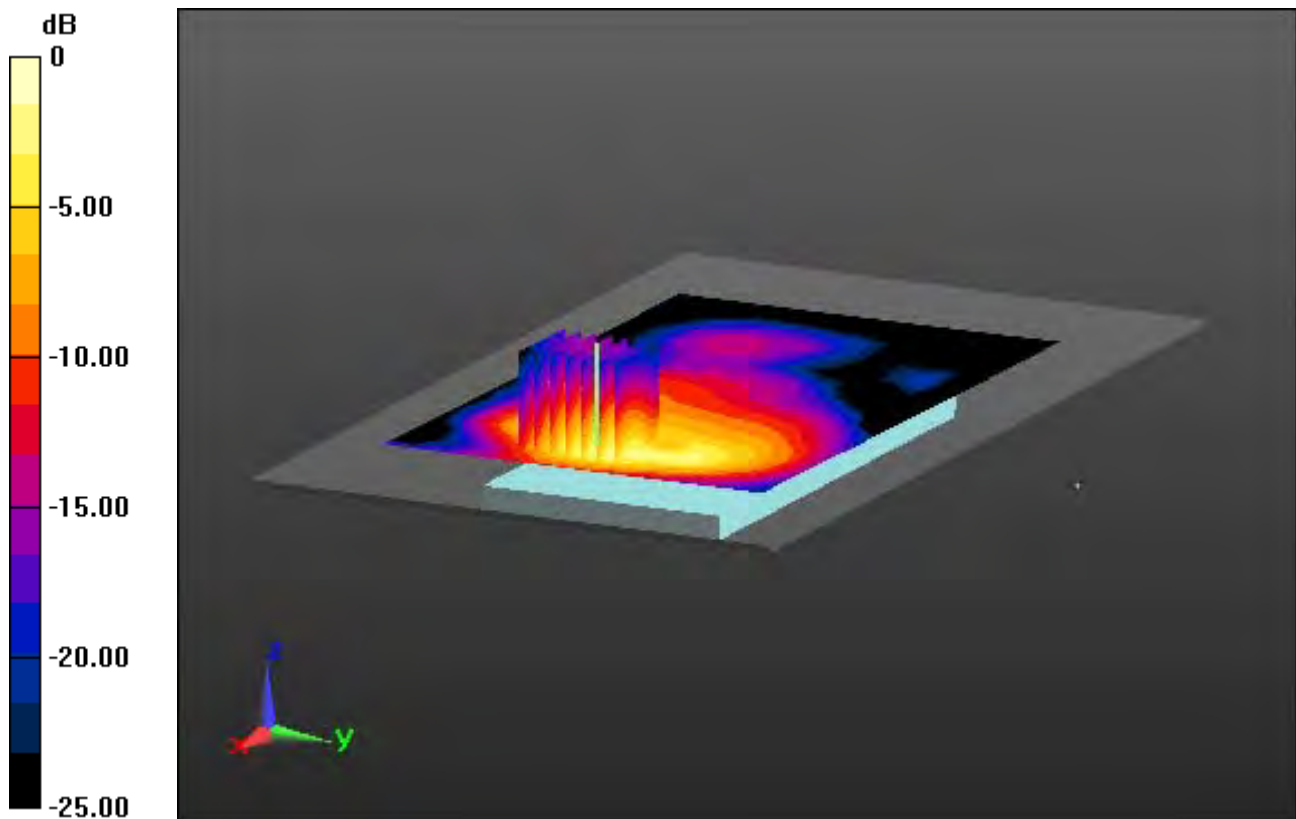
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.481 W/kg



0 dB = 1.34 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.000$ S/m; $\epsilon_r = 52.078$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, LTE Band 7 Ch. 20850, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

With Enlarge Plot image

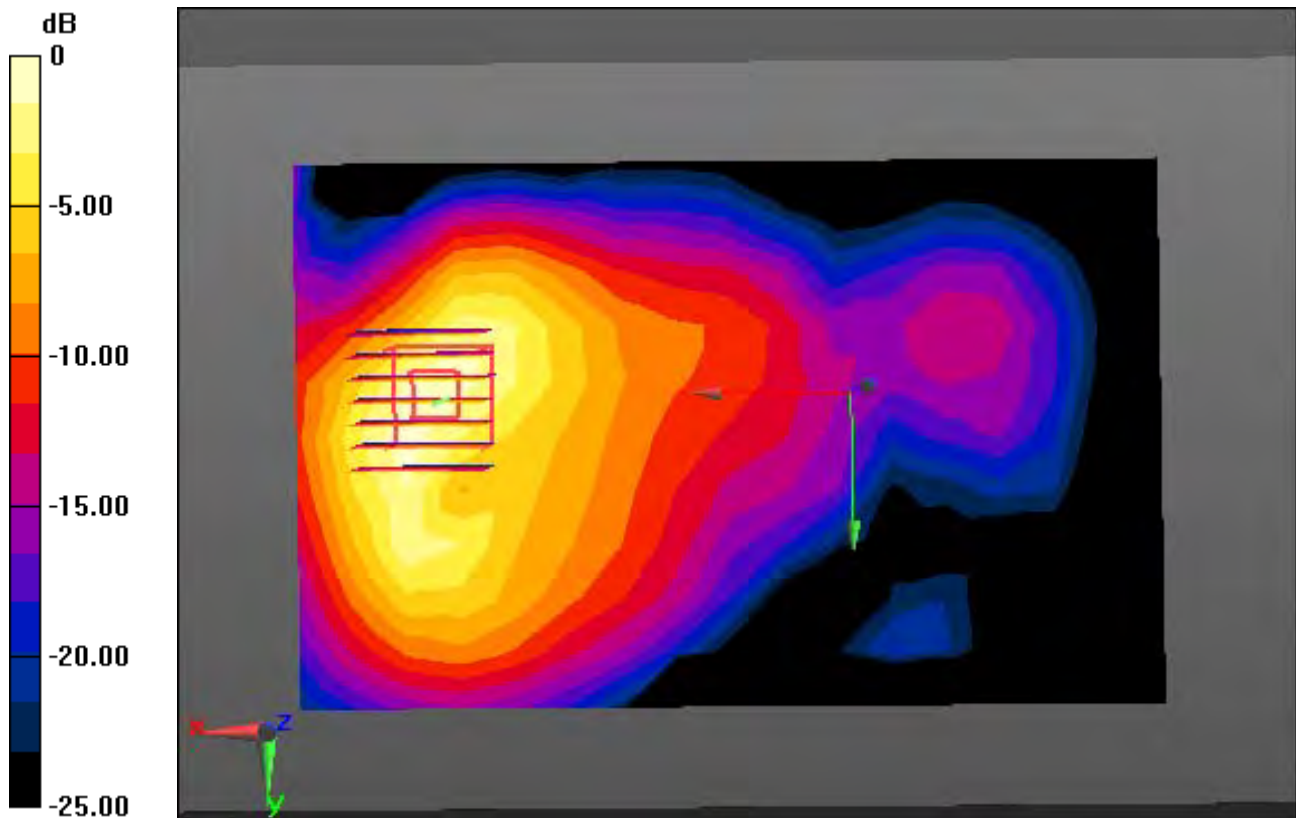
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.481 W/kg



0 dB = 1.34 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.000$ S/m; $\epsilon_r = 52.078$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, LTE Band 7 Ch. 20850, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

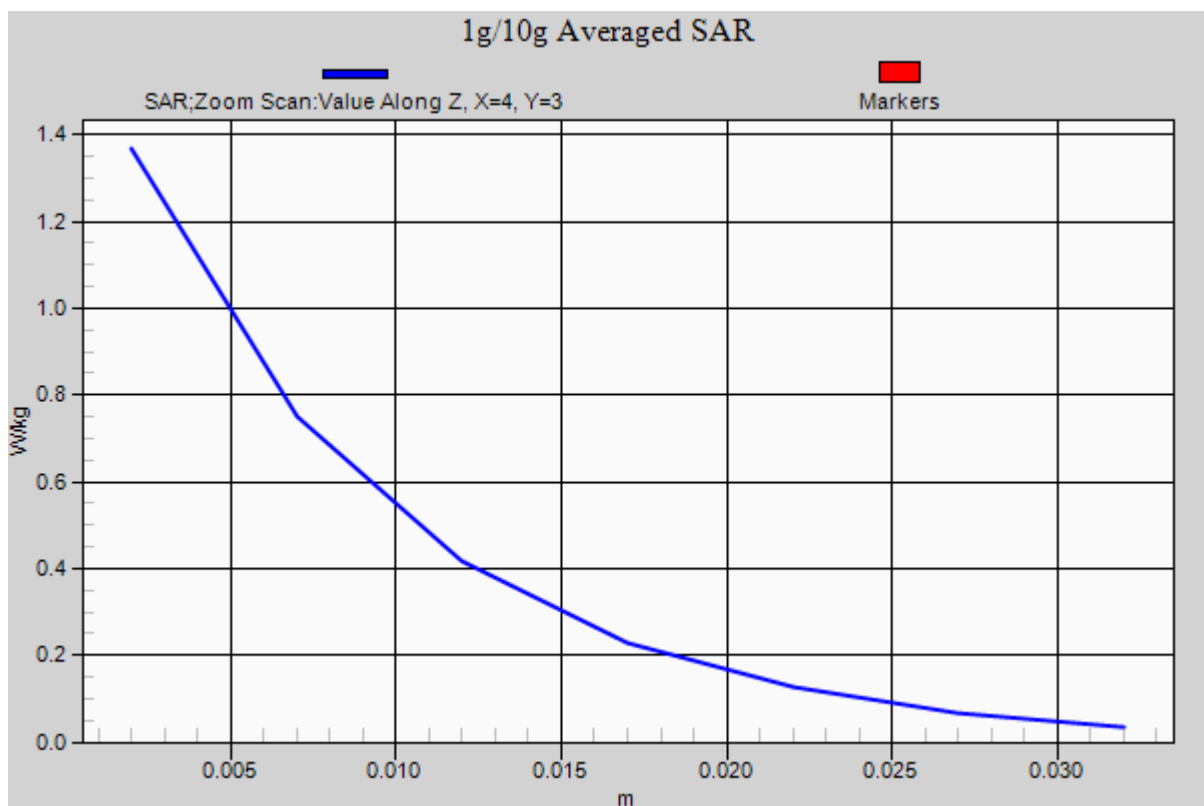
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.481 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2593 \text{ MHz}$; $\sigma = 2.138 \text{ S/m}$; $\epsilon_r = 51.648$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.21, 7.21, 7.21); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-06; Ambient Temp: 21.6; Tissue Temp: 21.9

1 cm space from Body, Rear, LTE Band 41 Ch. 40620, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

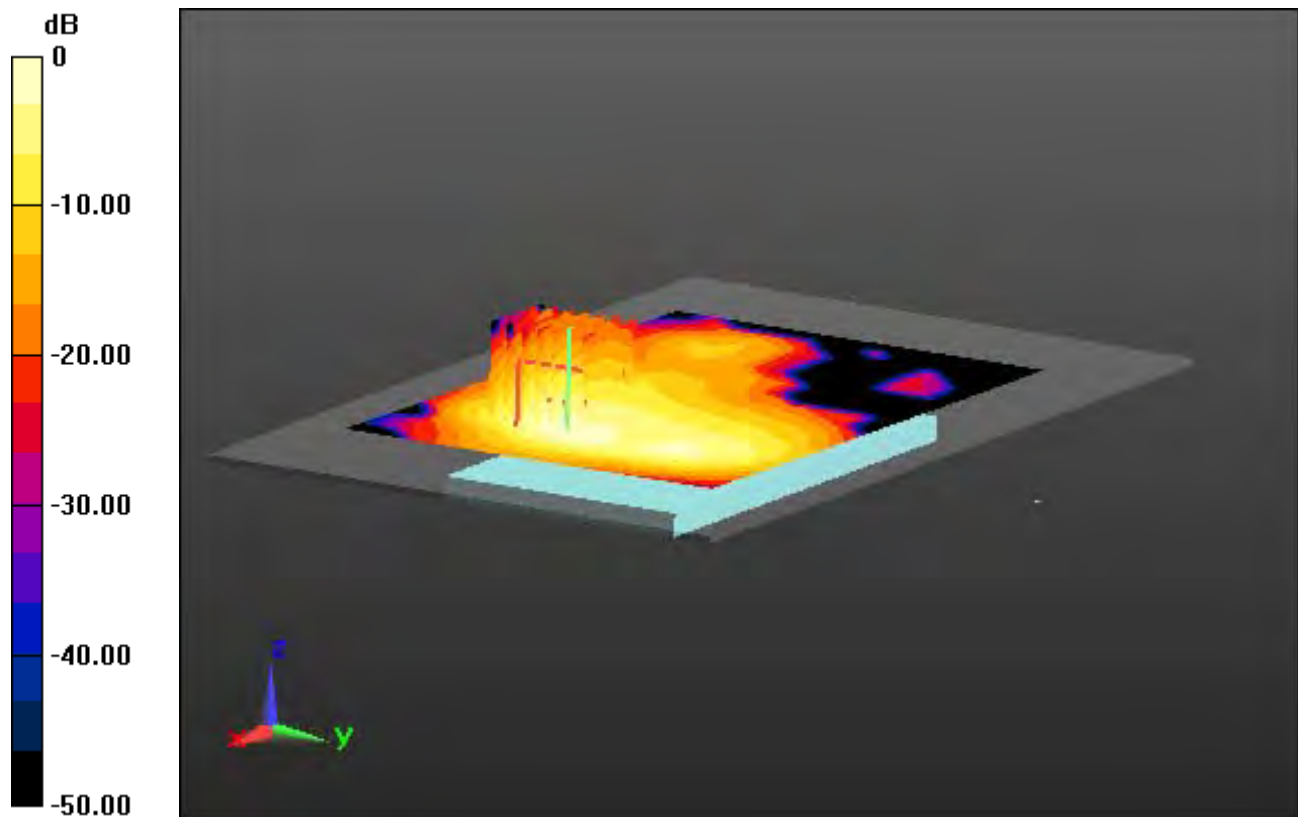
Area Scan (17x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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) = 0.522 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.142 W/kg



0 dB = 0.397 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2593$ MHz; $\sigma = 2.138$ S/m; $\epsilon_r = 51.648$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.21, 7.21, 7.21); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-06; Ambient Temp: 21.6; Tissue Temp: 21.9

1 cm space from Body, Rear, LTE Band 41 Ch. 40620, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

With Enlarge Plot image

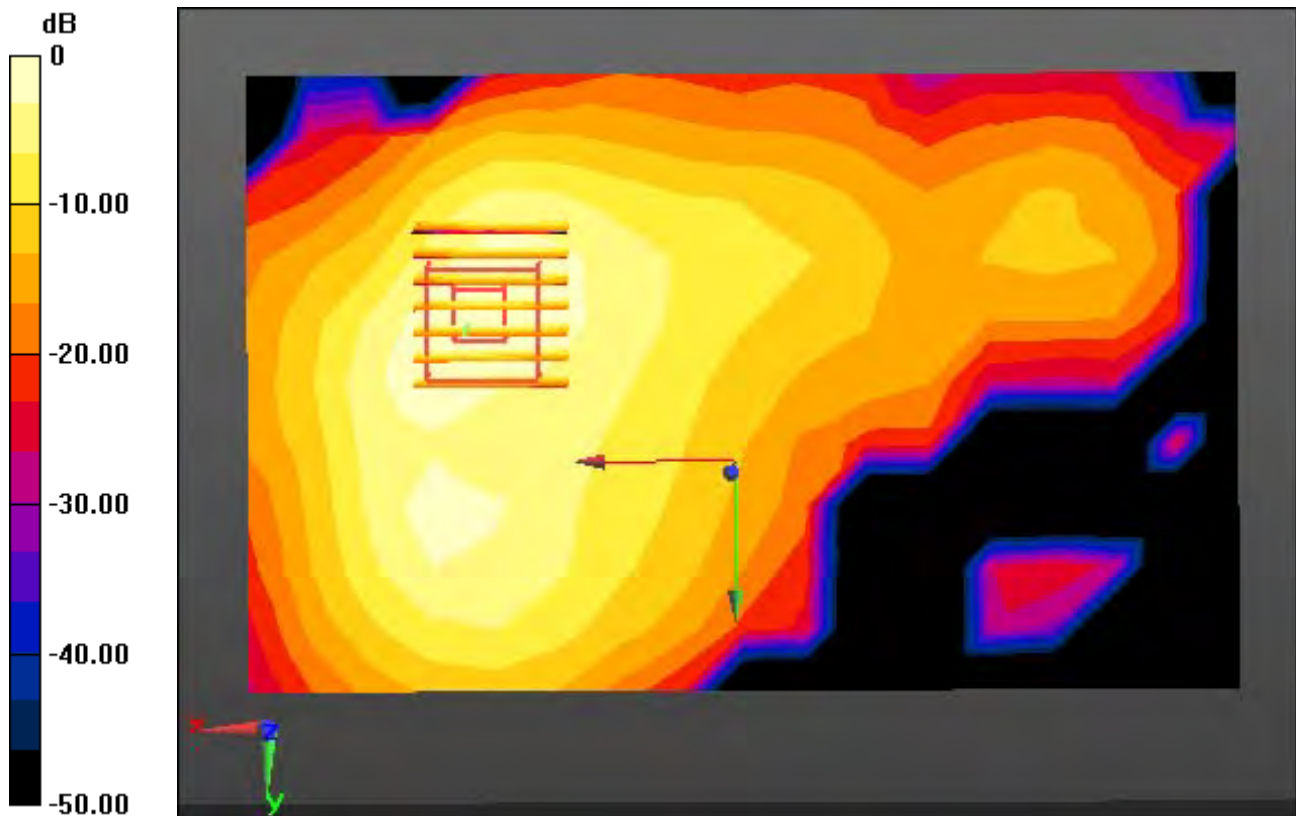
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.142 W/kg



0 dB = 0.397 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2593$ MHz; $\sigma = 2.138$ S/m; $\epsilon_r = 51.648$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.21, 7.21, 7.21); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-06; Ambient Temp: 21.6; Tissue Temp: 21.9

1 cm space from Body, Rear, LTE Band 41 Ch. 40620, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

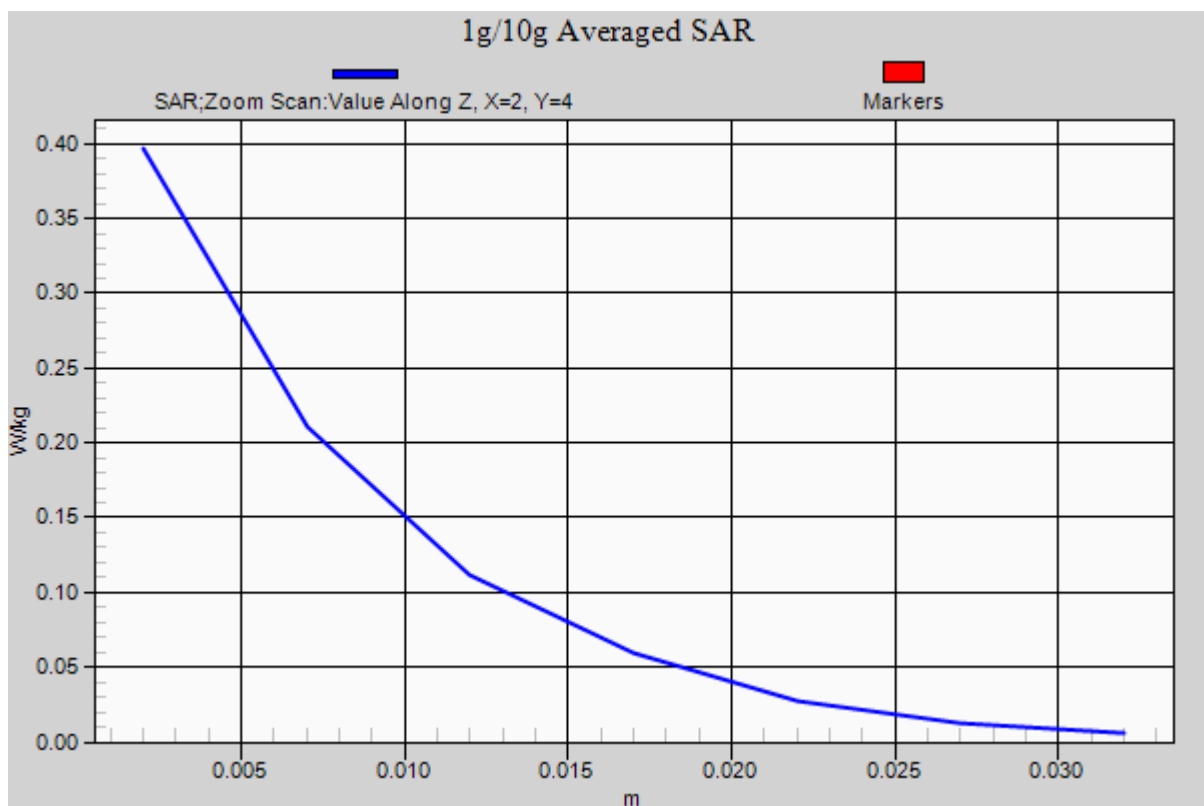
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.142 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant 1

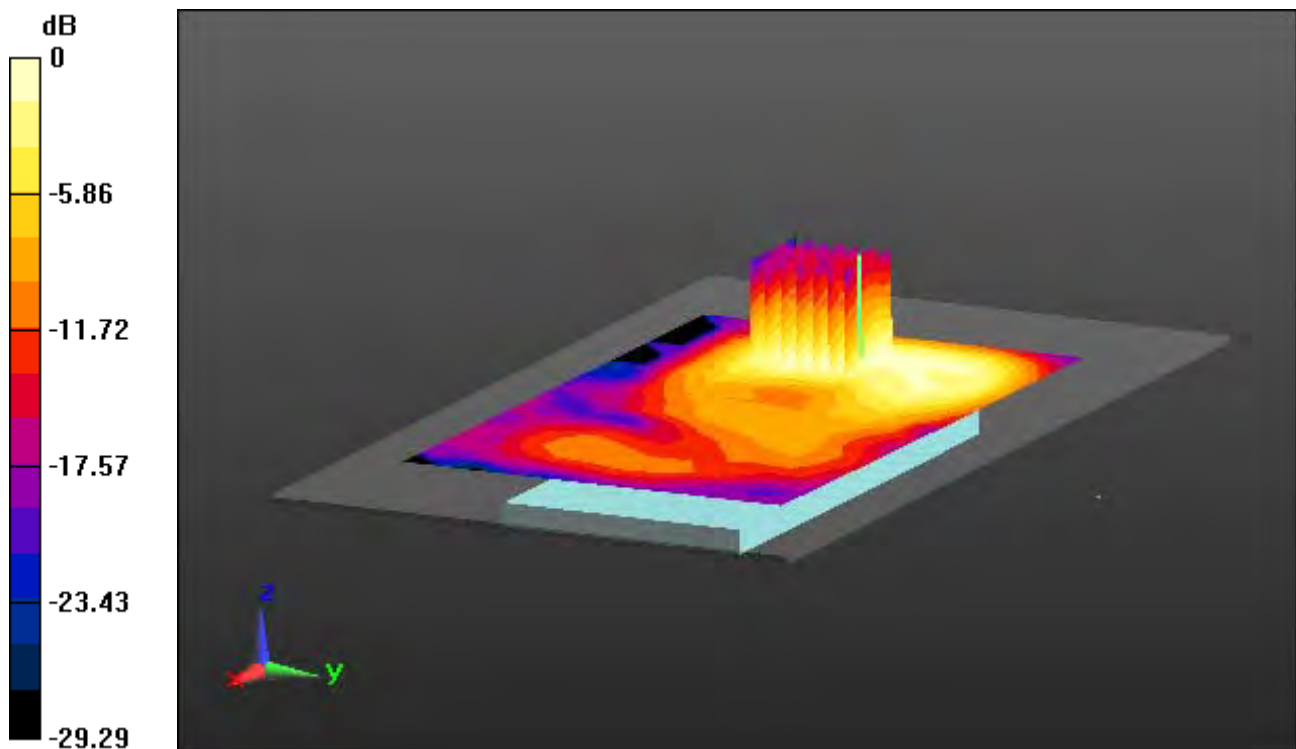
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.065 W/kg



0 dB = 0.164 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant 1

With Enlarge Plot image

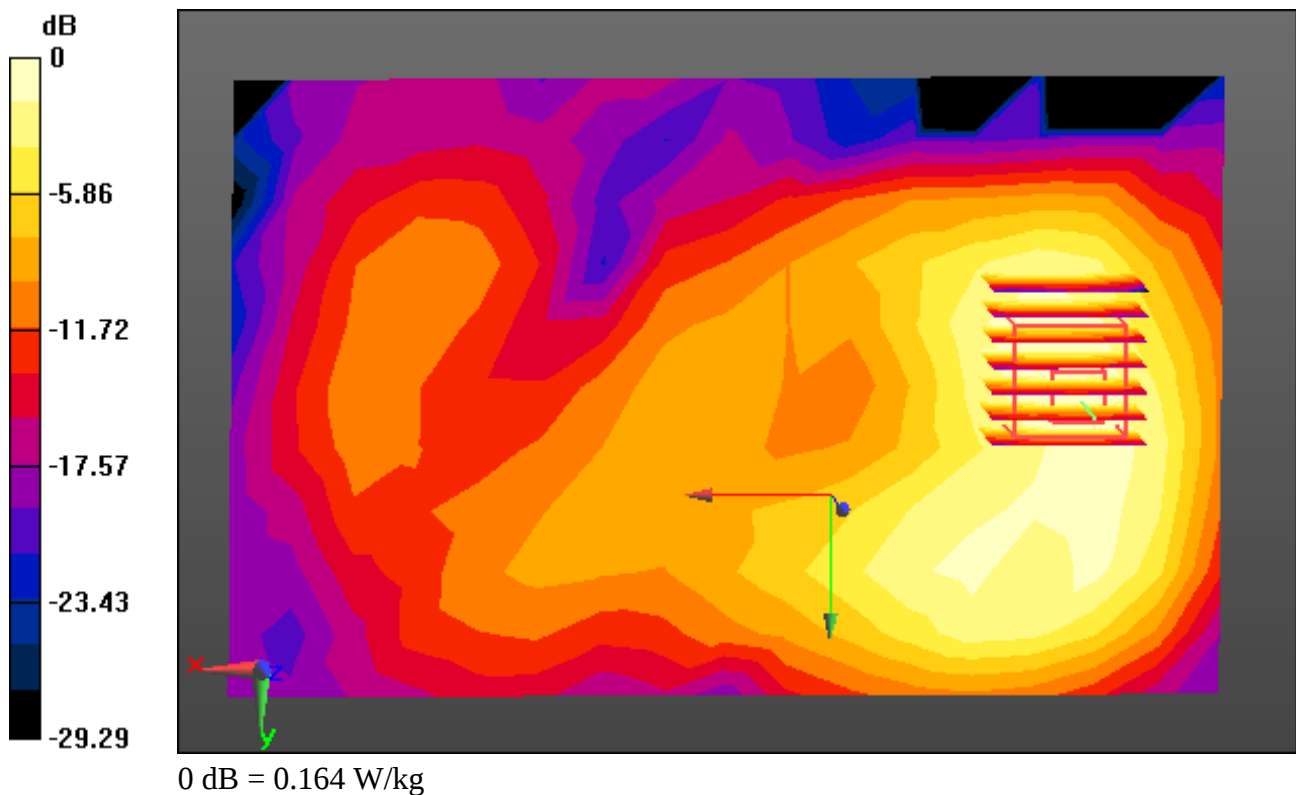
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.065 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant 1

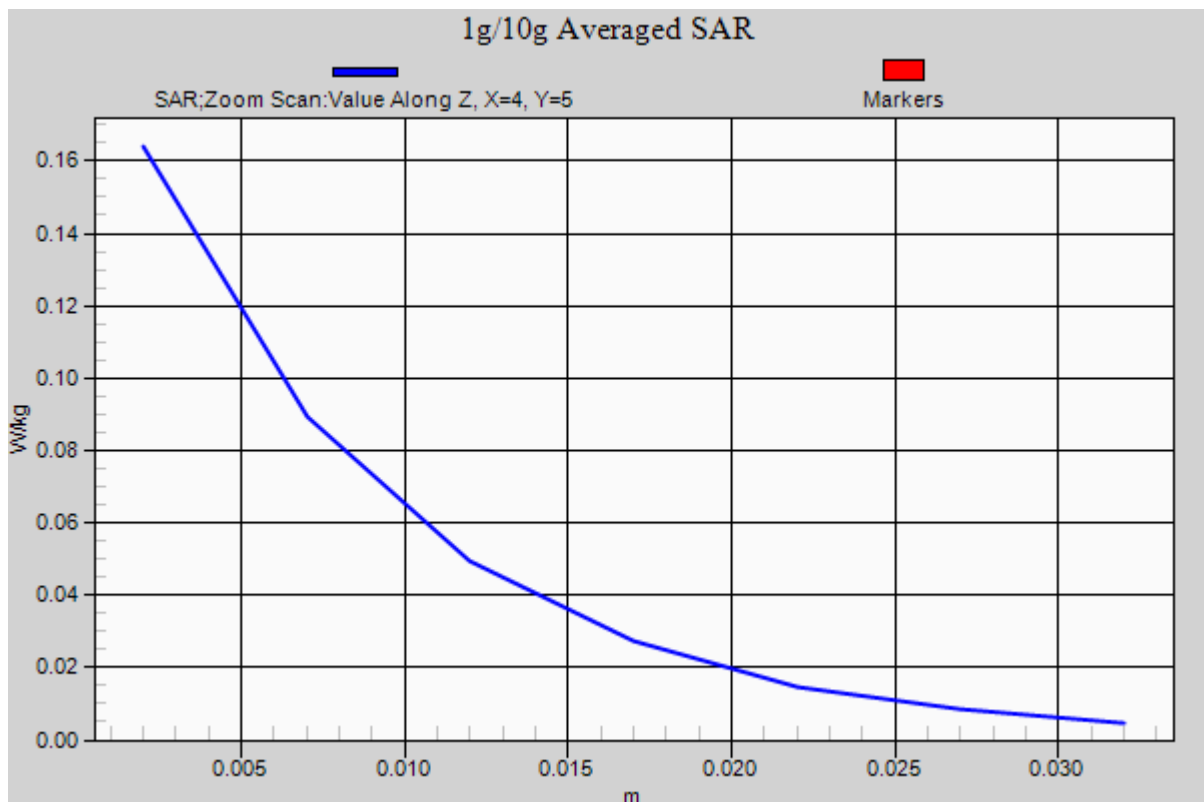
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.065 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.906 \text{ S/m}$; $\epsilon_r = 52.375$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant 2

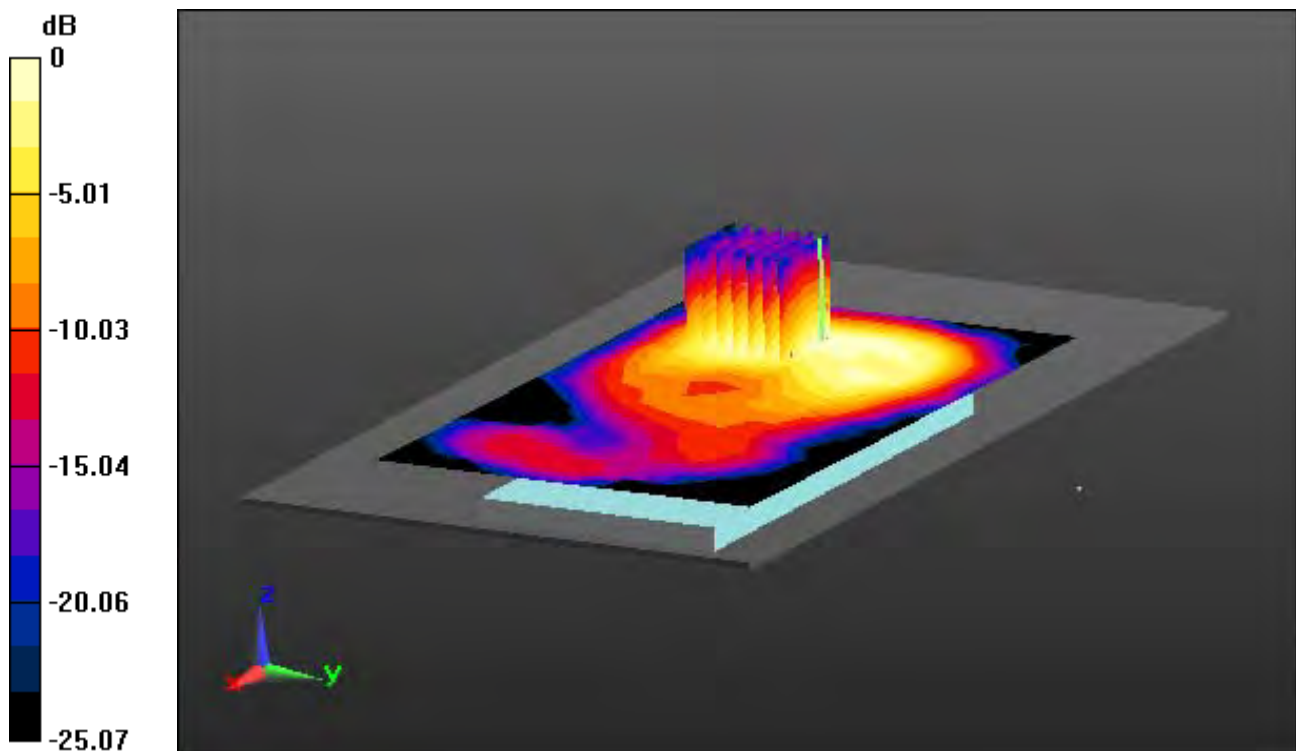
Area Scan (17x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.176 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant 2

With Enlarge Plot image

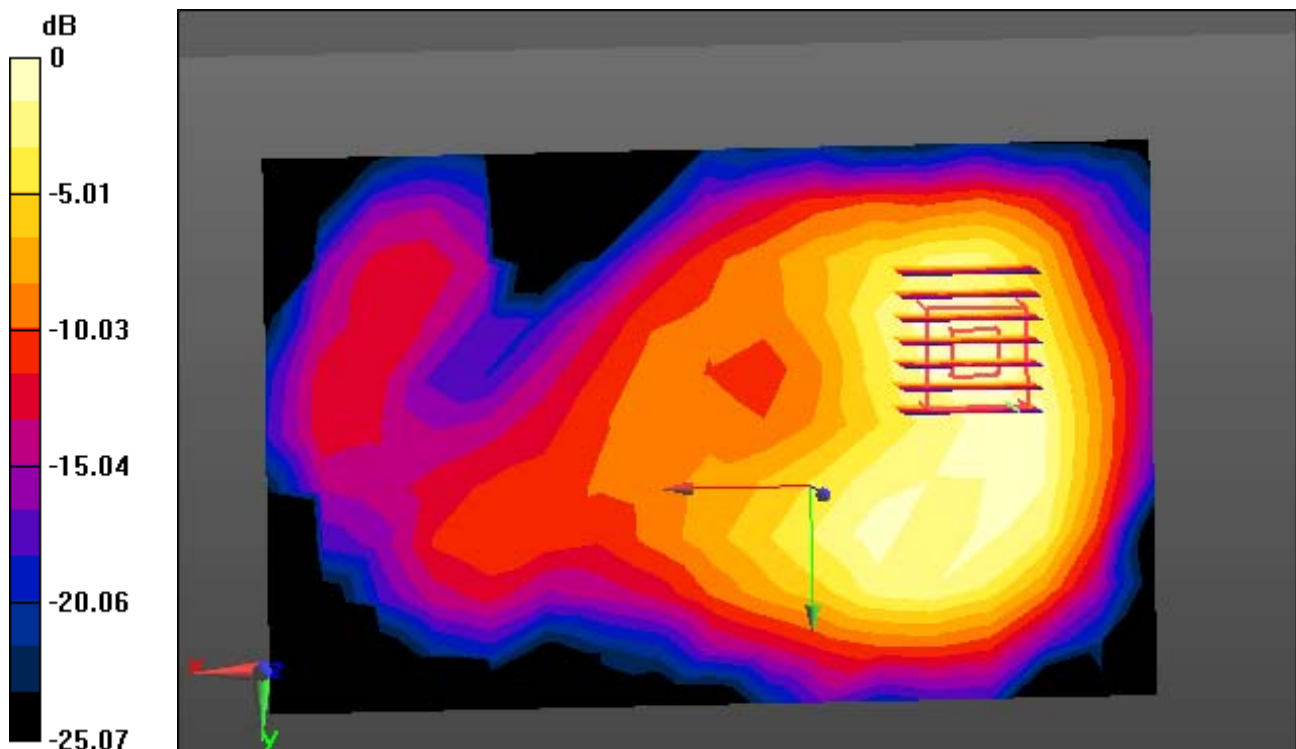
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.176 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, Ant 2

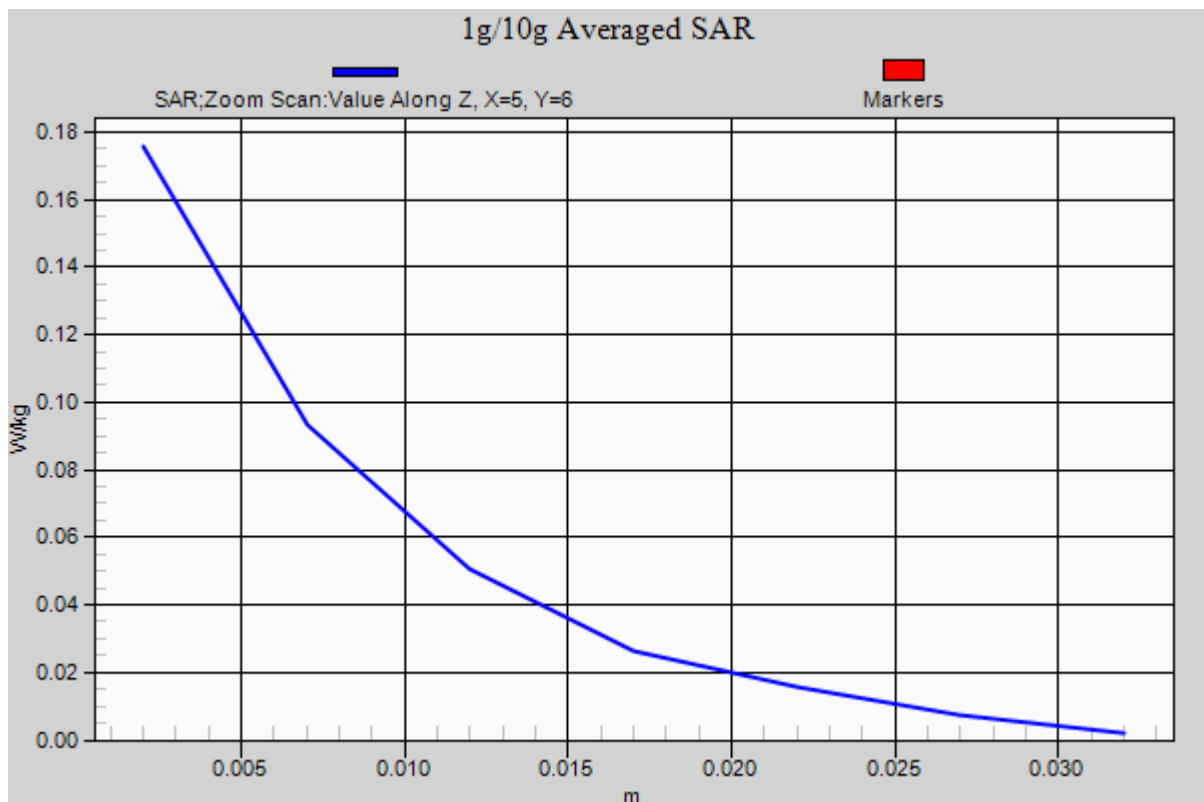
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.071 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.906 \text{ S/m}$; $\epsilon_r = 52.375$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, MIMO

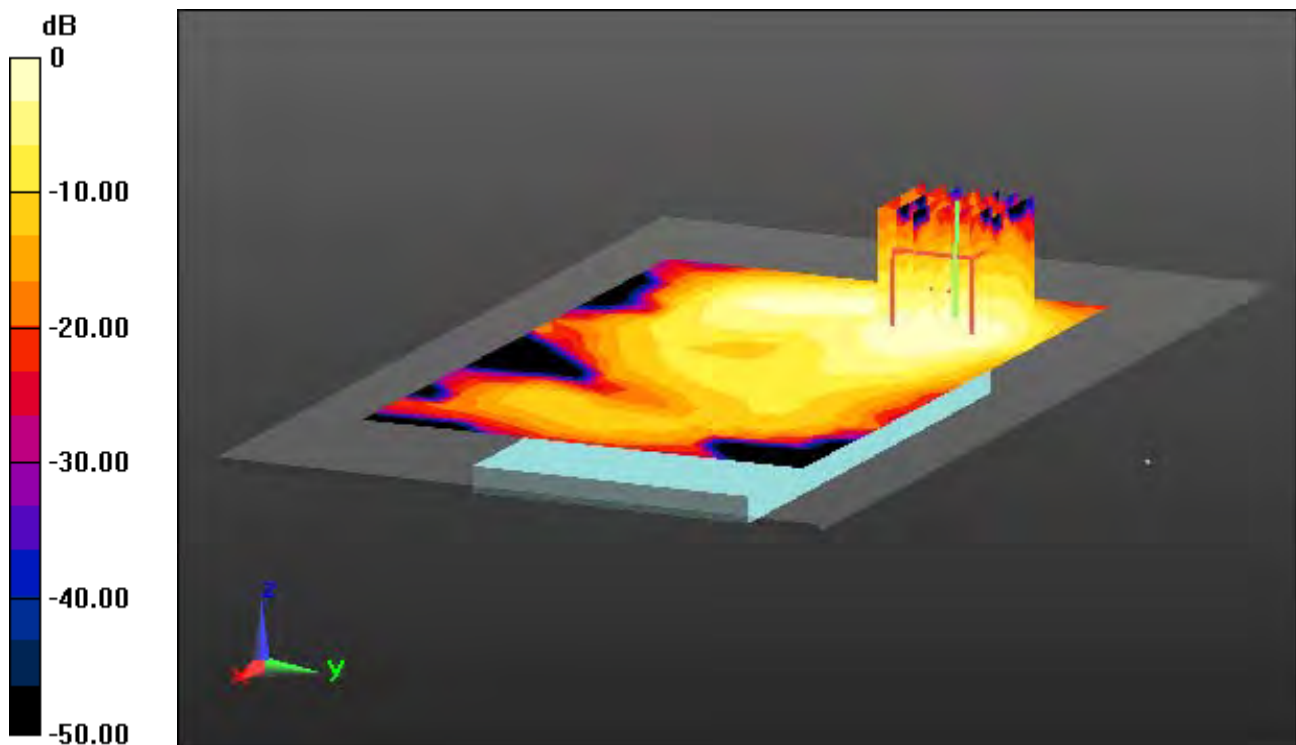
Area Scan (17x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.140 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, MIMO

With Enlarge Plot image

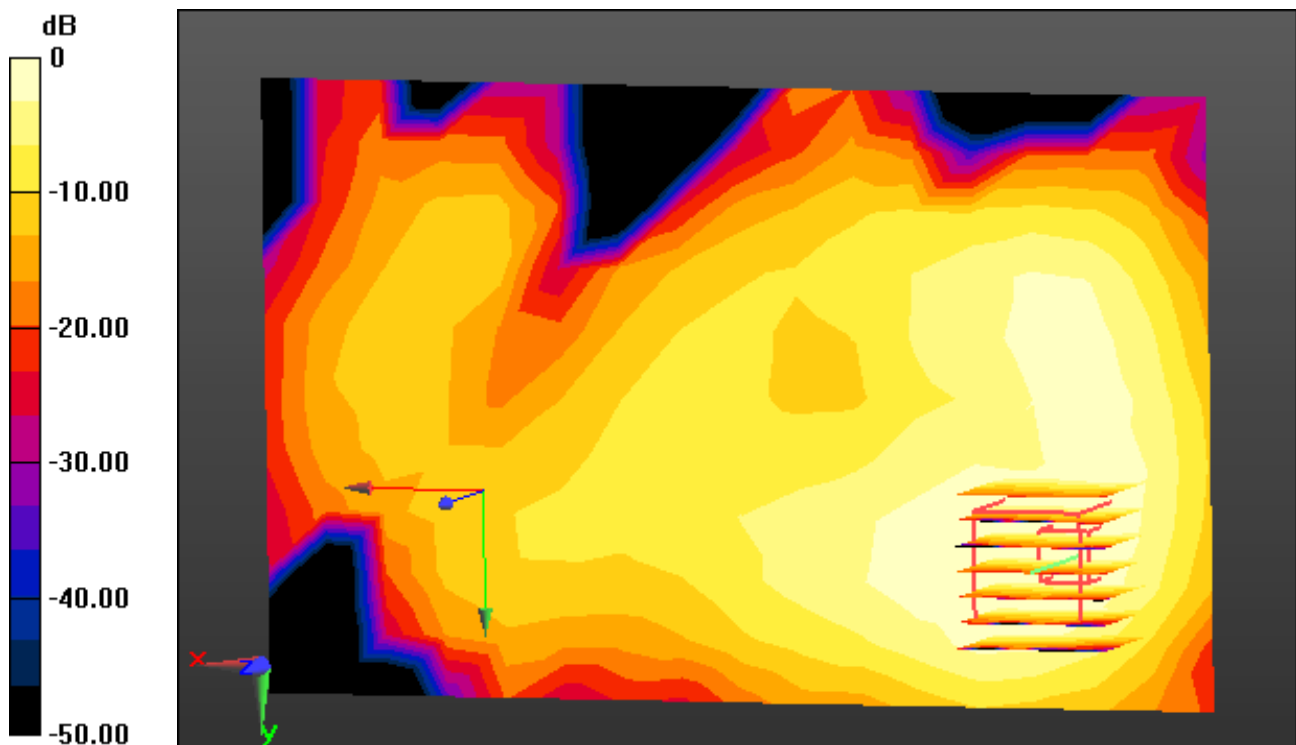
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.140 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Rear, W-LAN(2.4G 802.11b) Ch. 6, MIMO

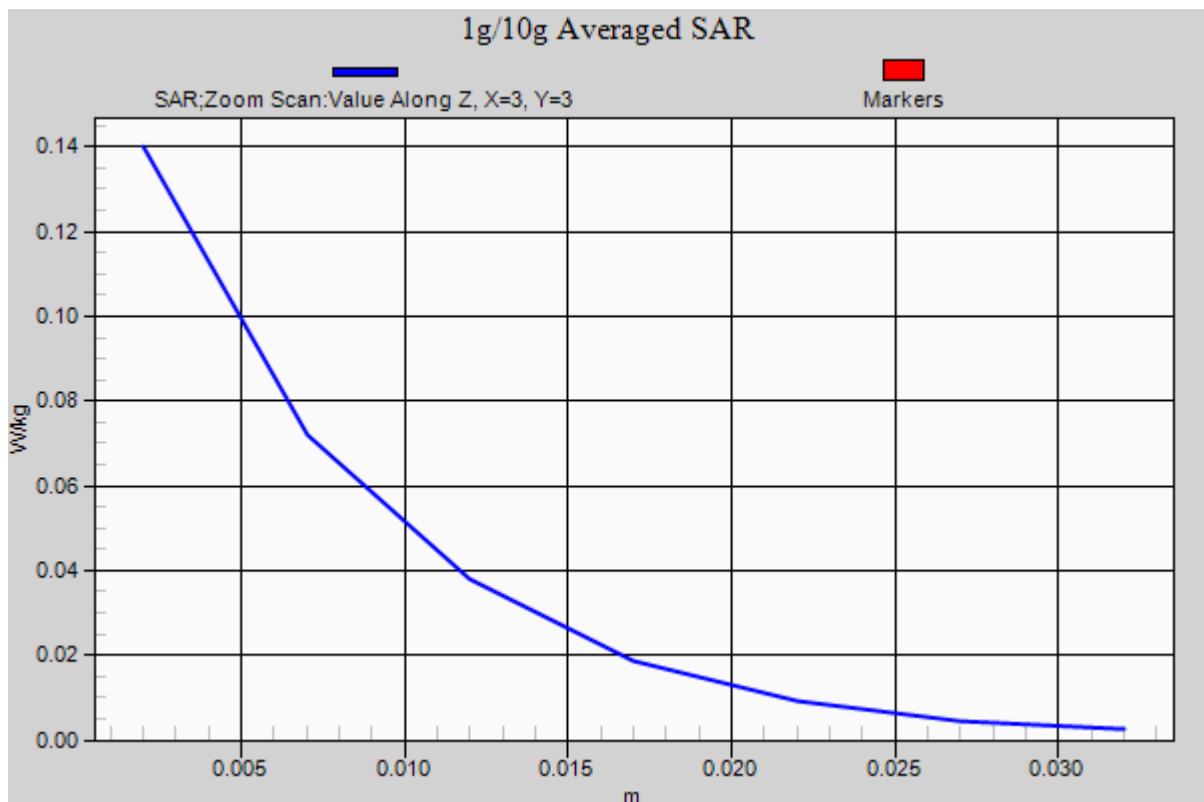
Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.047 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.391 \text{ S/m}$; $\epsilon_r = 47.426$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. 1

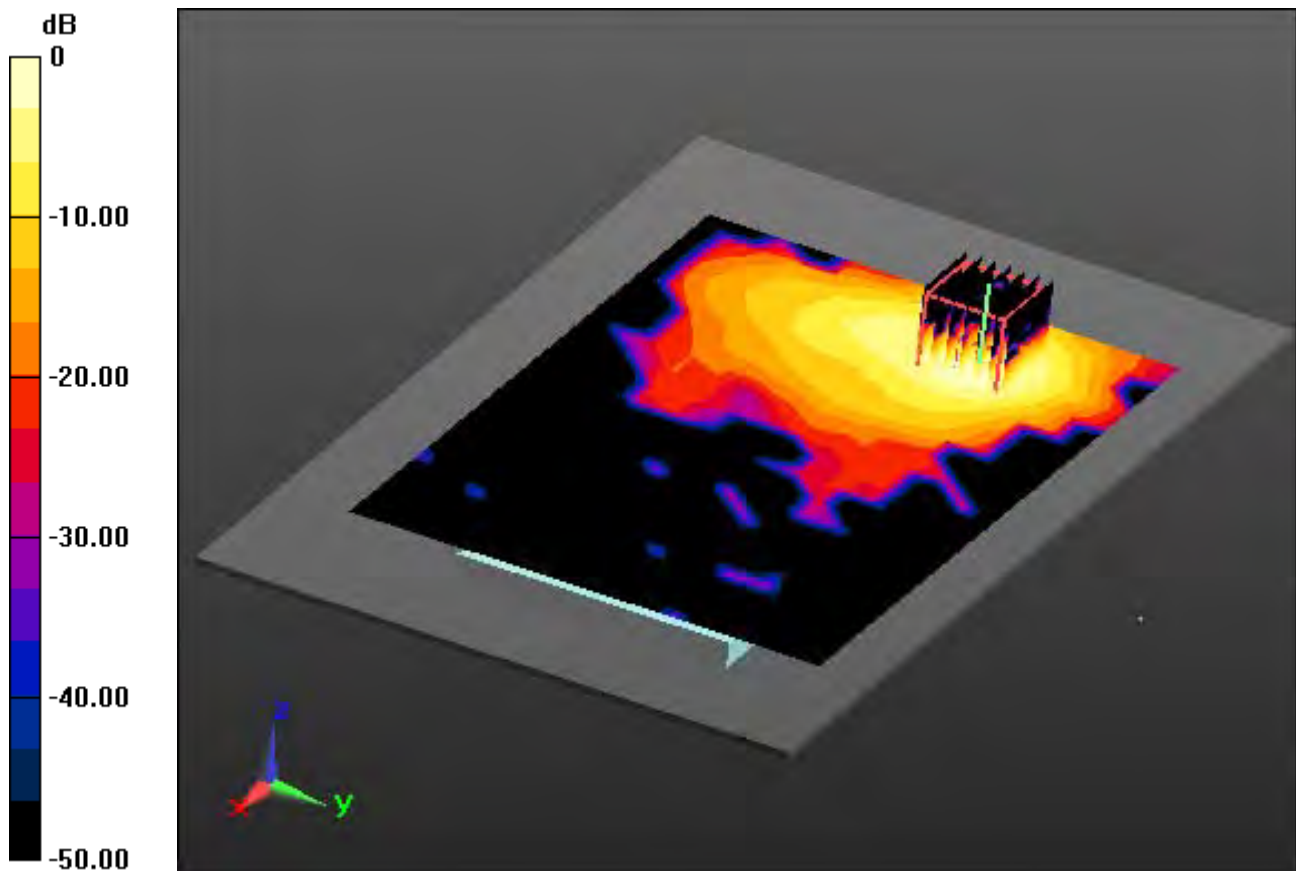
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.134 W/kg



0 dB = 0.692 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.391 \text{ S/m}$; $\epsilon_r = 47.426$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. 1

With Enlarge Plot image

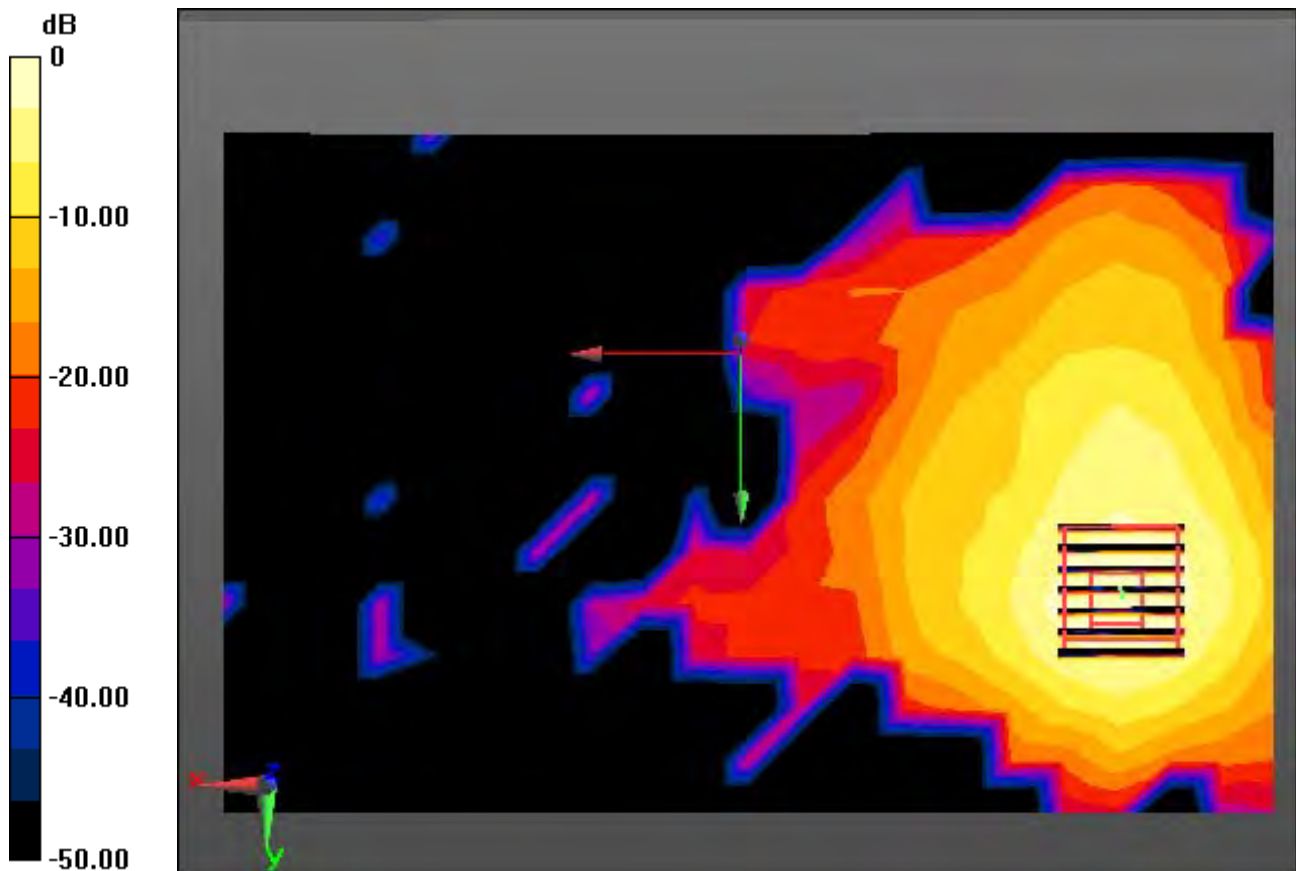
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.134 W/kg



0 dB = 0.692 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.391 \text{ S/m}$; $\epsilon_r = 47.426$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. 1

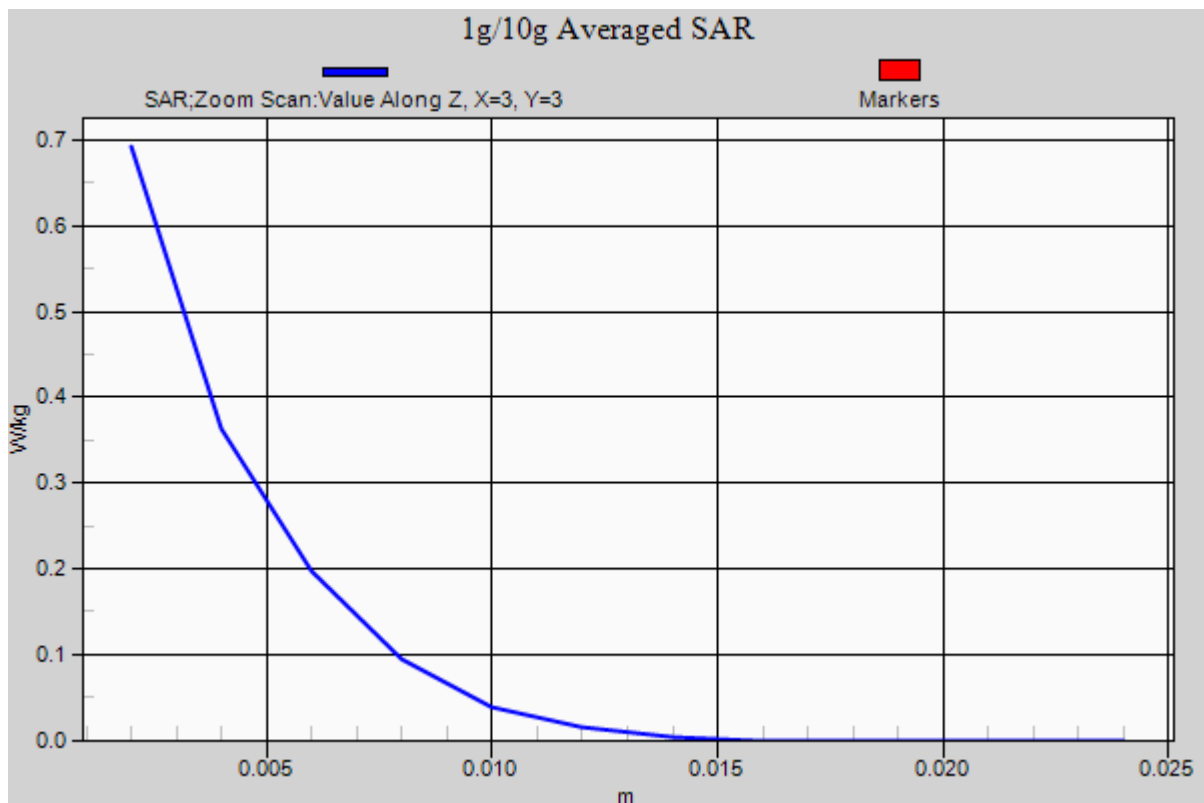
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.134 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.416 \text{ S/m}$; $\epsilon_r = 47.394$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 60 Ant. 2

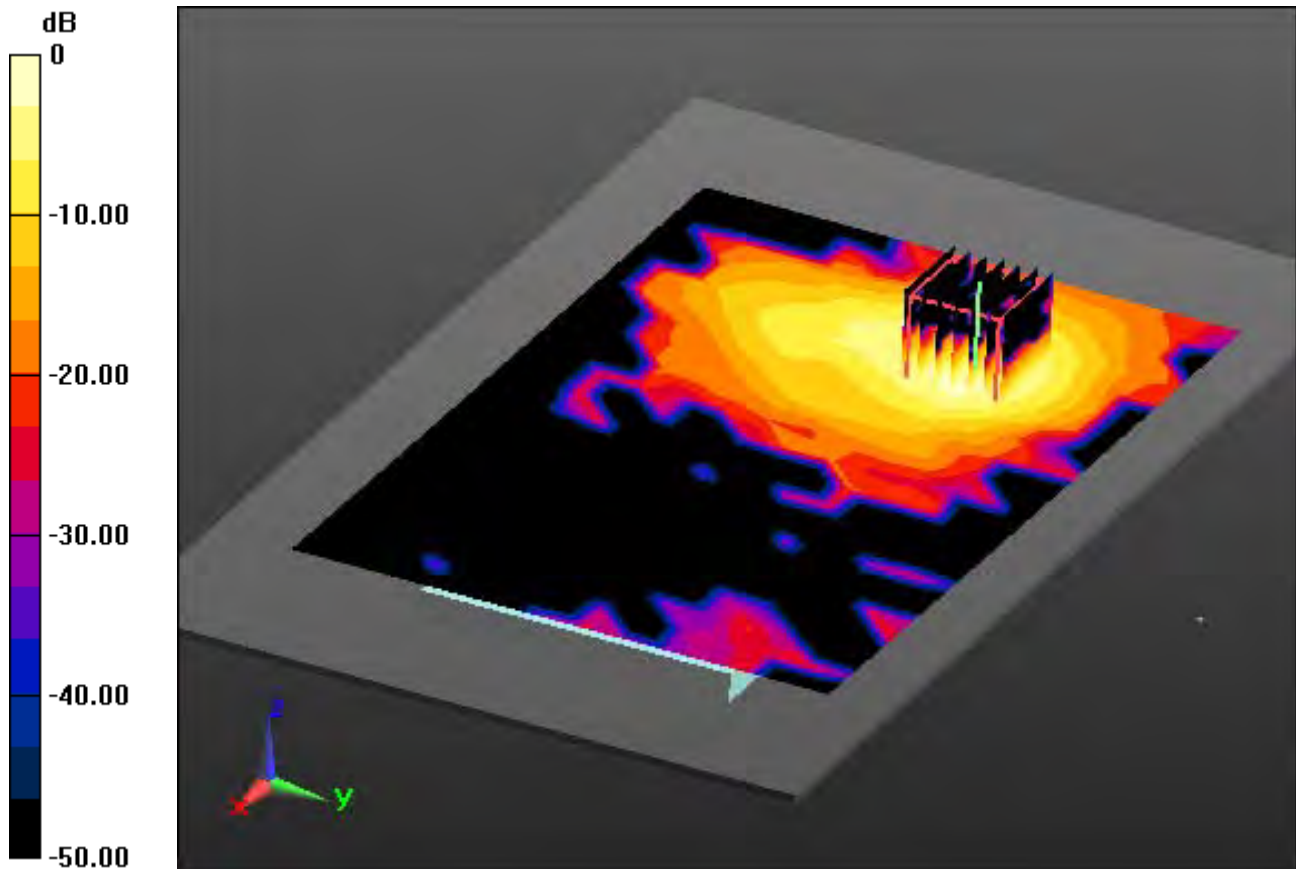
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.27 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.127 W/kg



0 dB = 0.668 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.416$ S/m; $\epsilon_r = 47.394$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 60 Ant. 2

With Enlarge Plot image

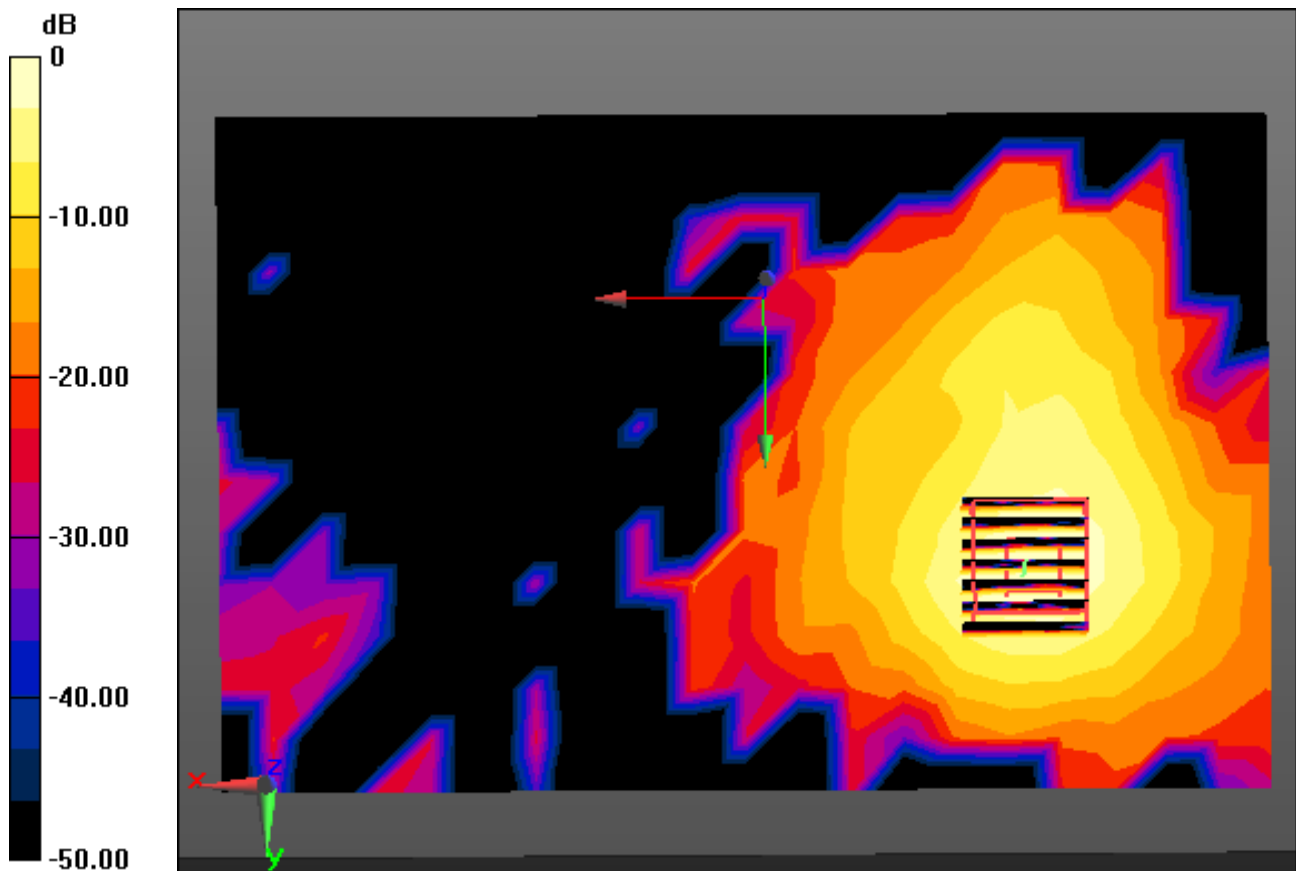
Area Scan (21x14x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.127 W/kg



0 dB = 0.668 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.416 \text{ S/m}$; $\epsilon_r = 47.394$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 60 Ant. 2

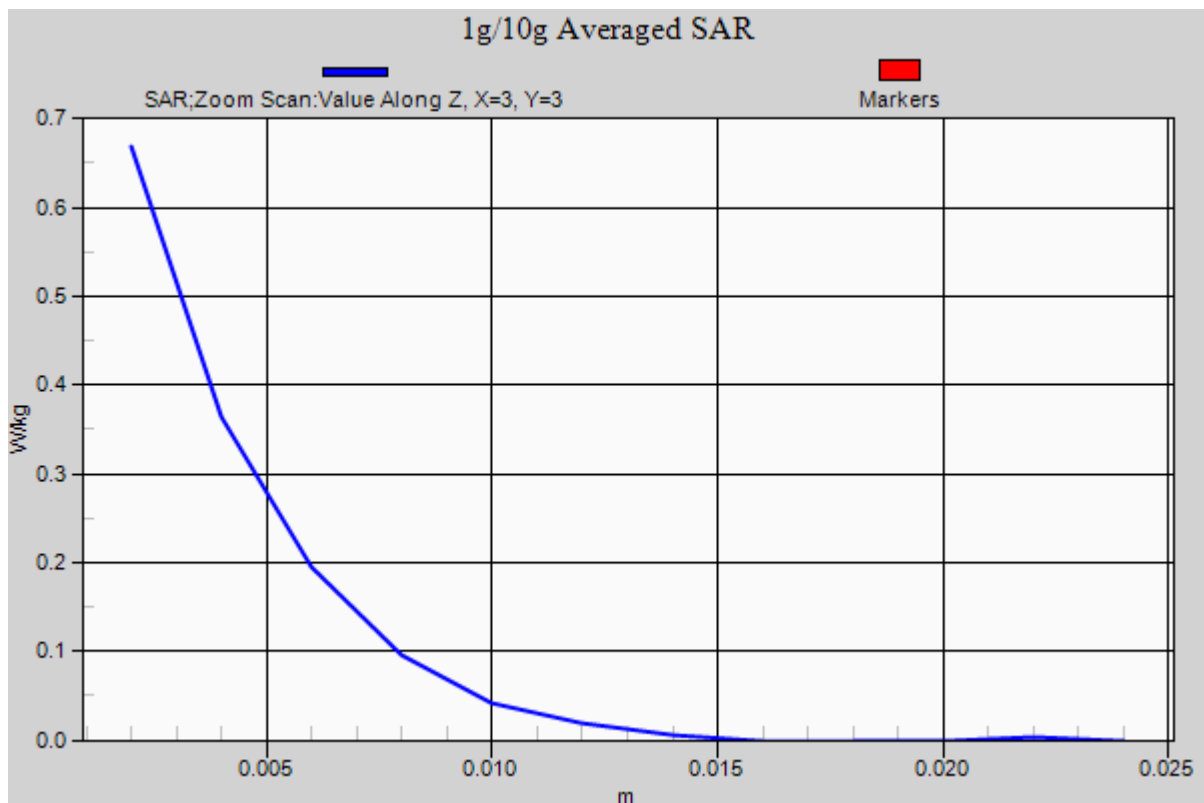
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.27 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.127 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.391$ S/m; $\epsilon_r = 47.426$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. MIMO

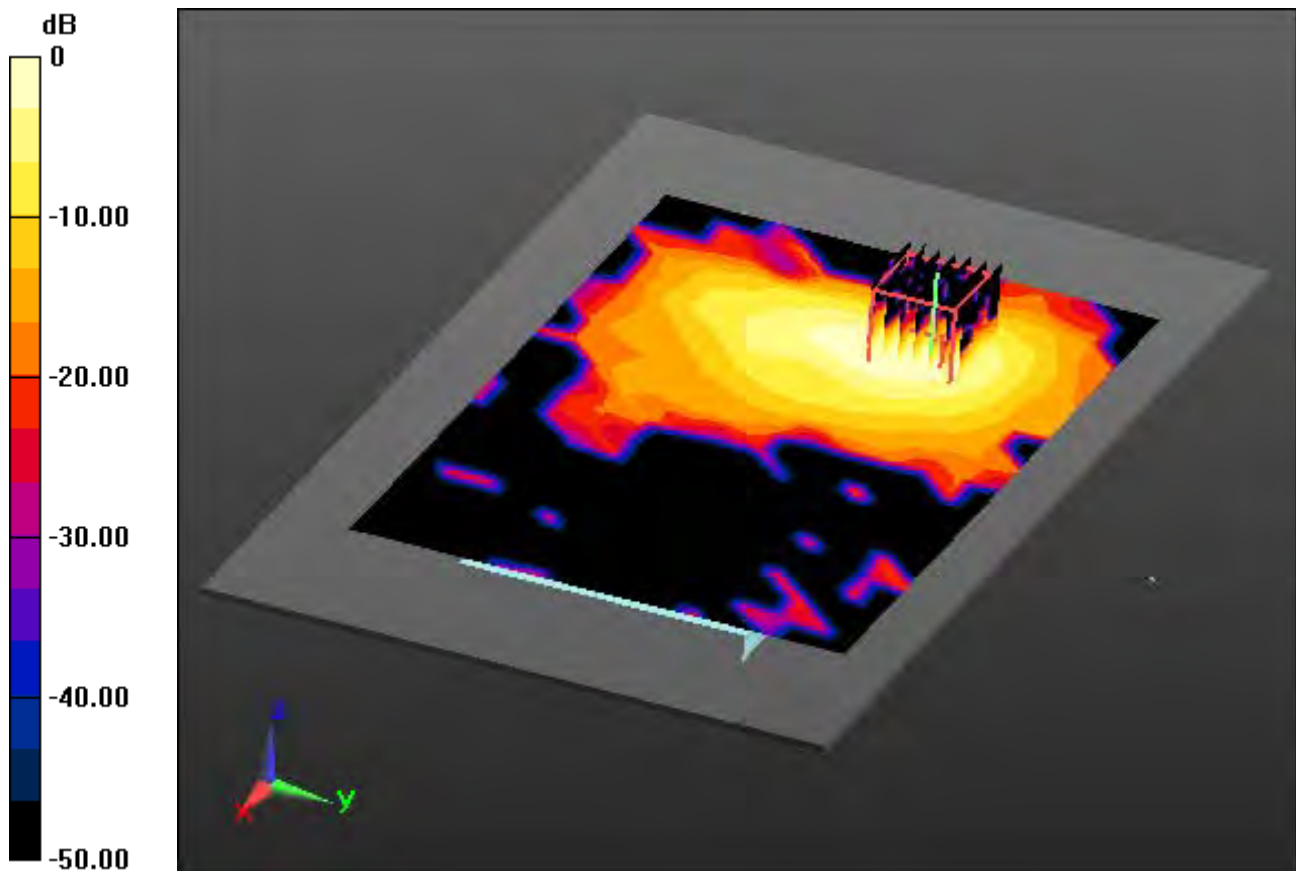
Area Scan (21x14x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.101 W/kg



0 dB = 0.551 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.391 \text{ S/m}$; $\epsilon_r = 47.426$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. MIMO

With Enlarge Plot image

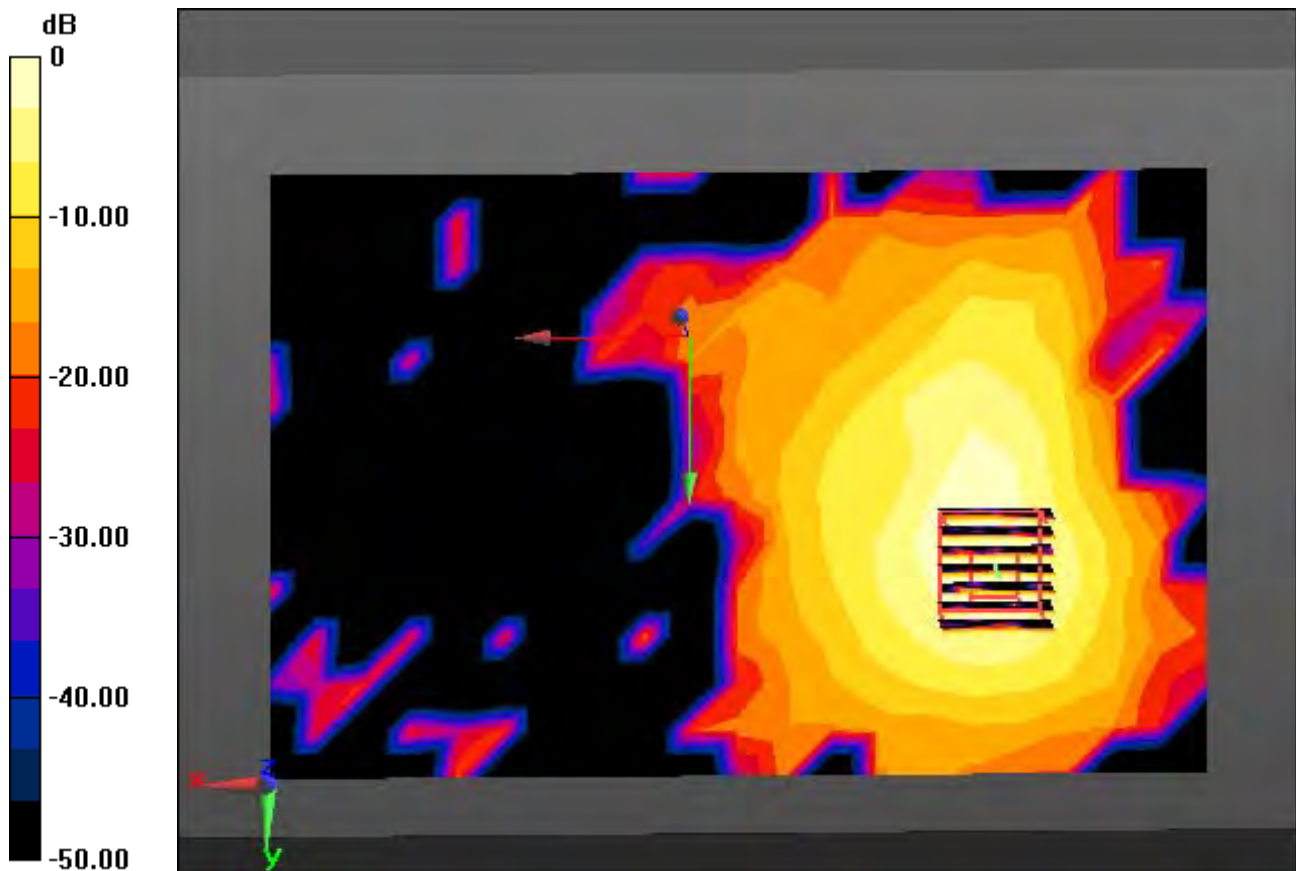
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.101 W/kg



0 dB = 0.551 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.391 \text{ S/m}$; $\epsilon_r = 47.426$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-13; Ambient Temp: 21.6; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. MIMO

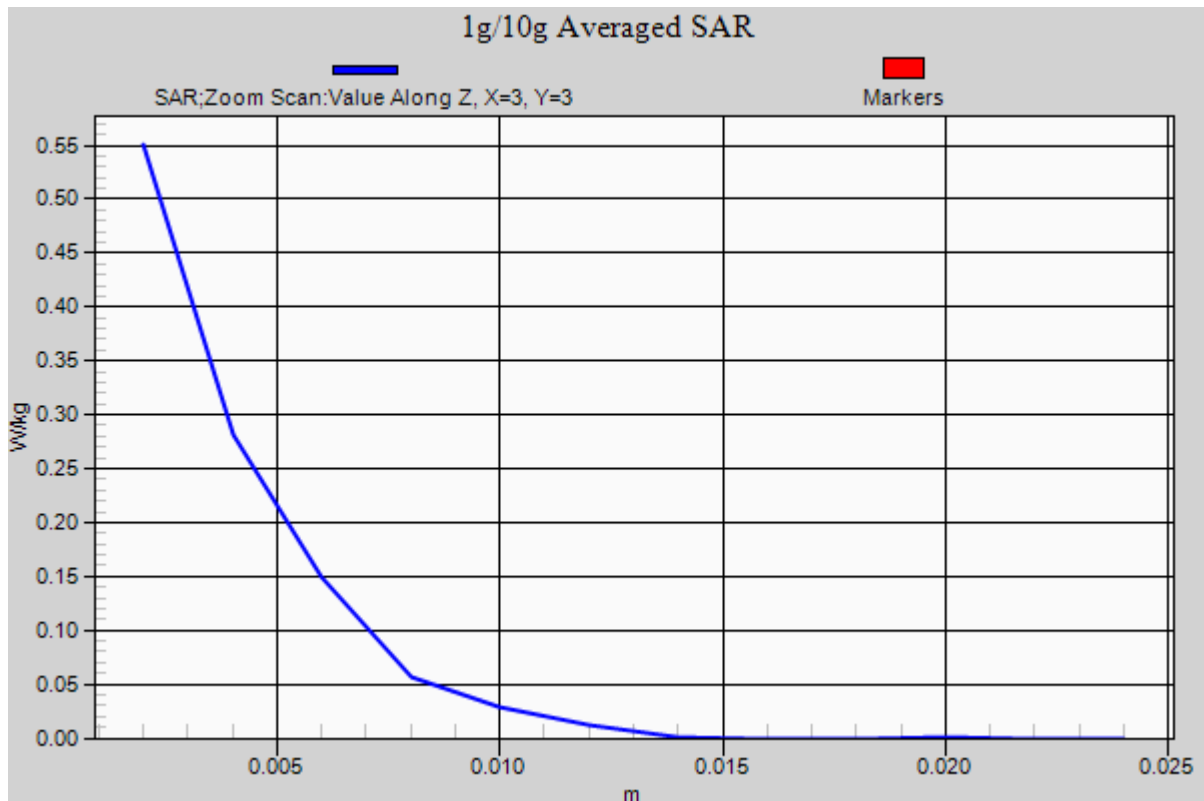
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.101 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.99 \text{ S/m}$; $\epsilon_r = 47.975$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 132 Ant. 1

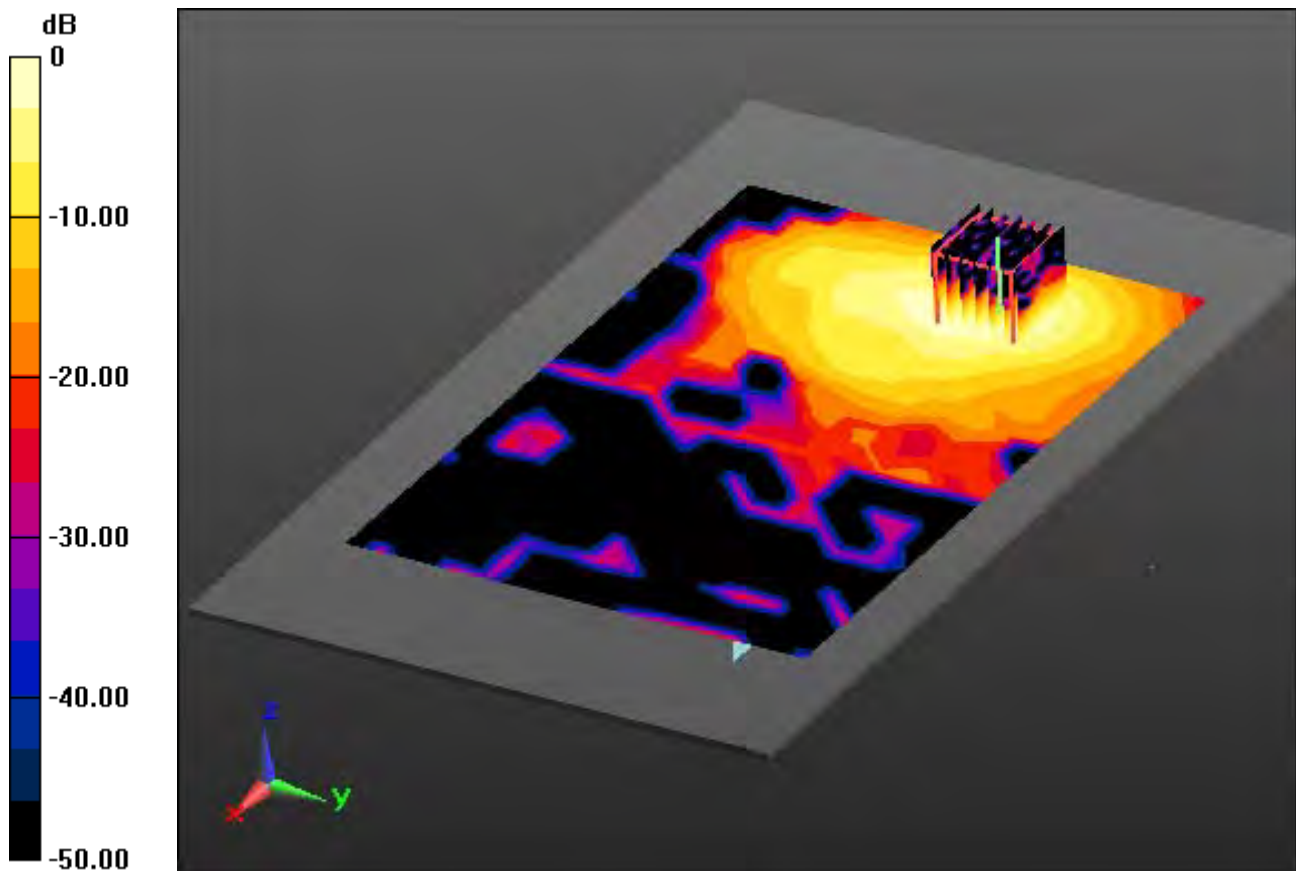
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.184 W/kg



0 dB = 0.950 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.99 \text{ S/m}$; $\epsilon_r = 47.975$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 132 Ant. 1

With Enlarge Plot image

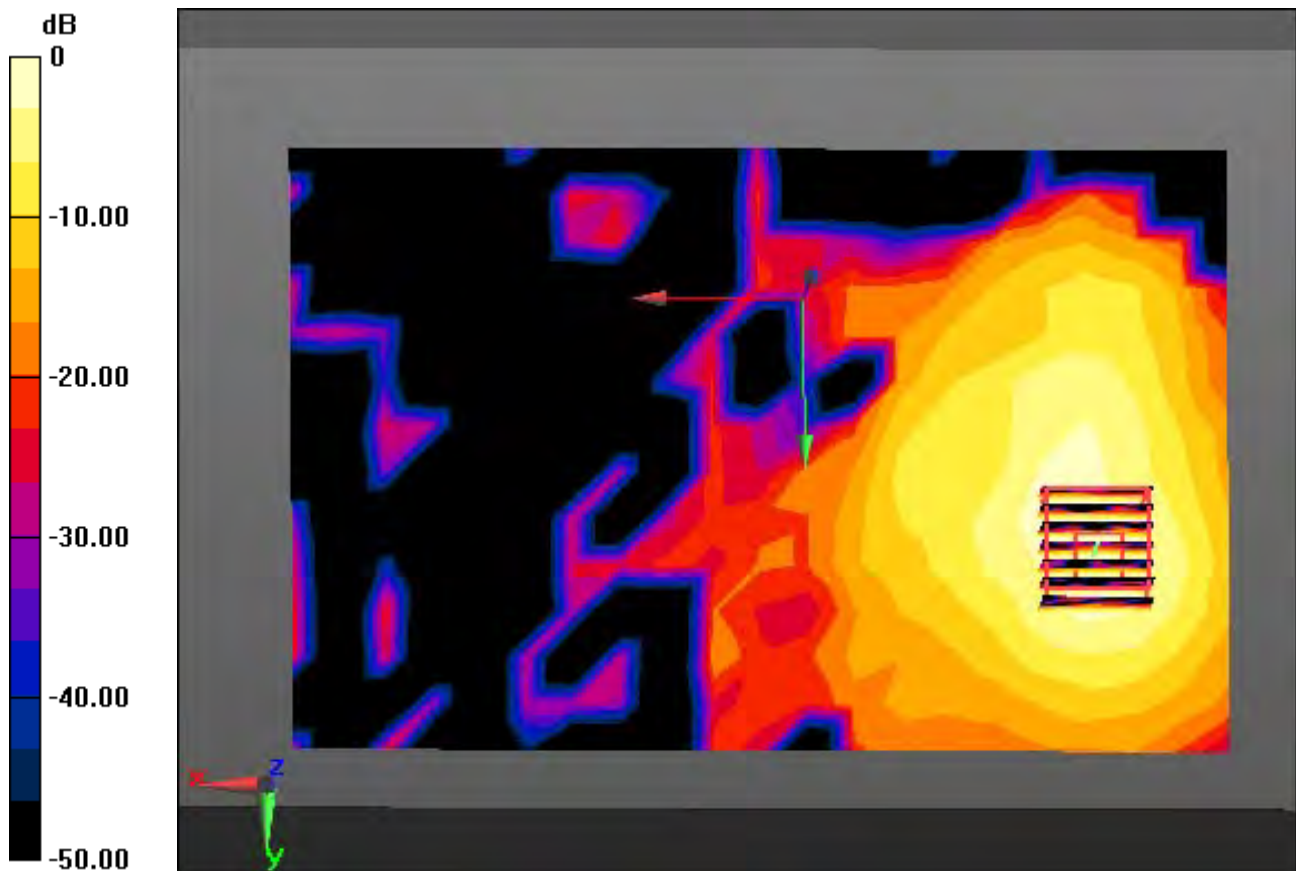
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.184 W/kg



0 dB = 0.950 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.99 \text{ S/m}$; $\epsilon_r = 47.975$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 132 Ant. 1

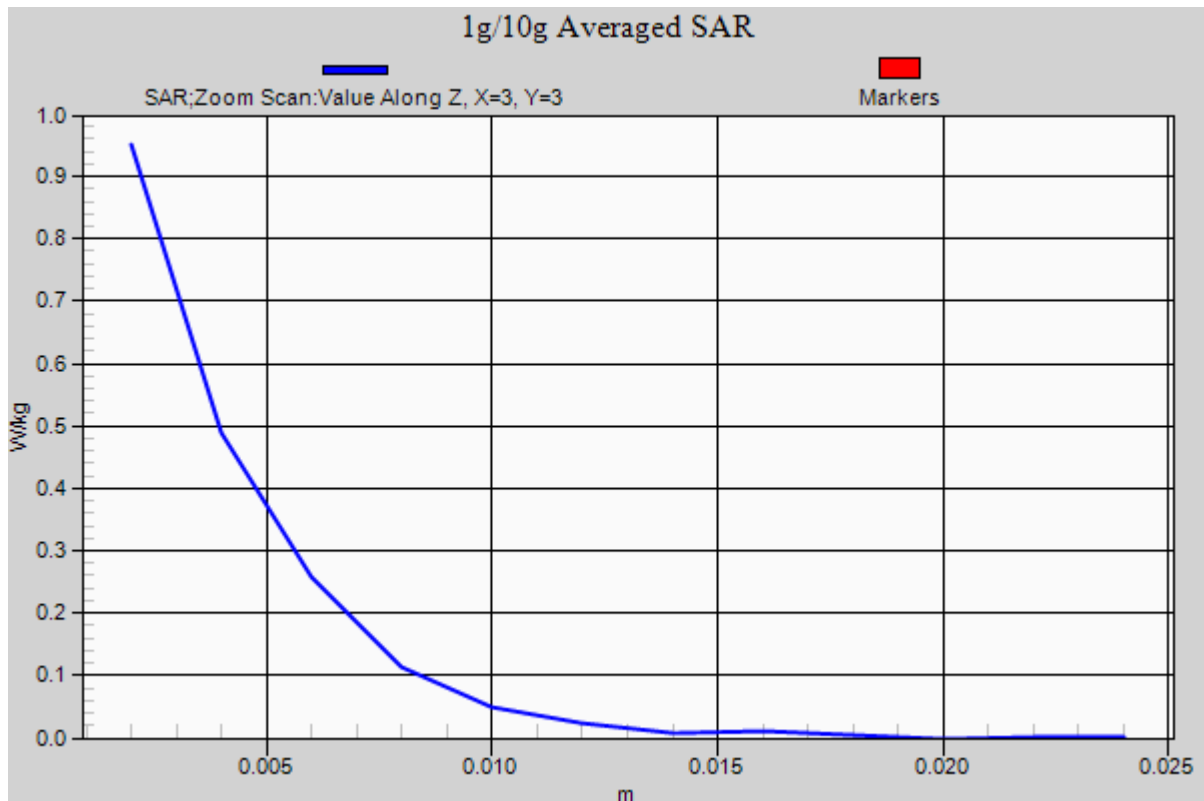
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.184 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 48.12$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 116 Ant. 2

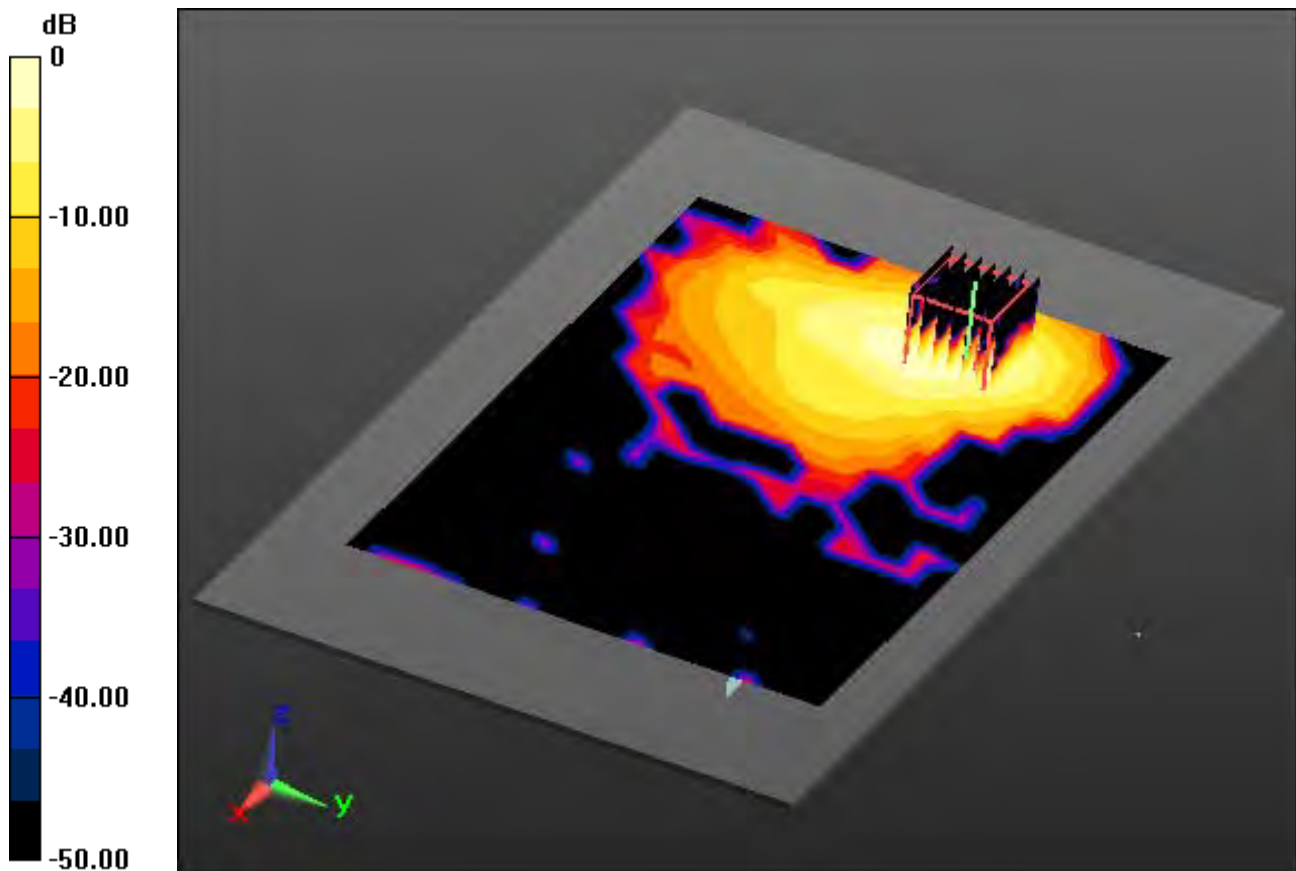
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.122 W/kg



0 dB = 0.655 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 48.12$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 116 Ant. 2

With Enlarge Plot image

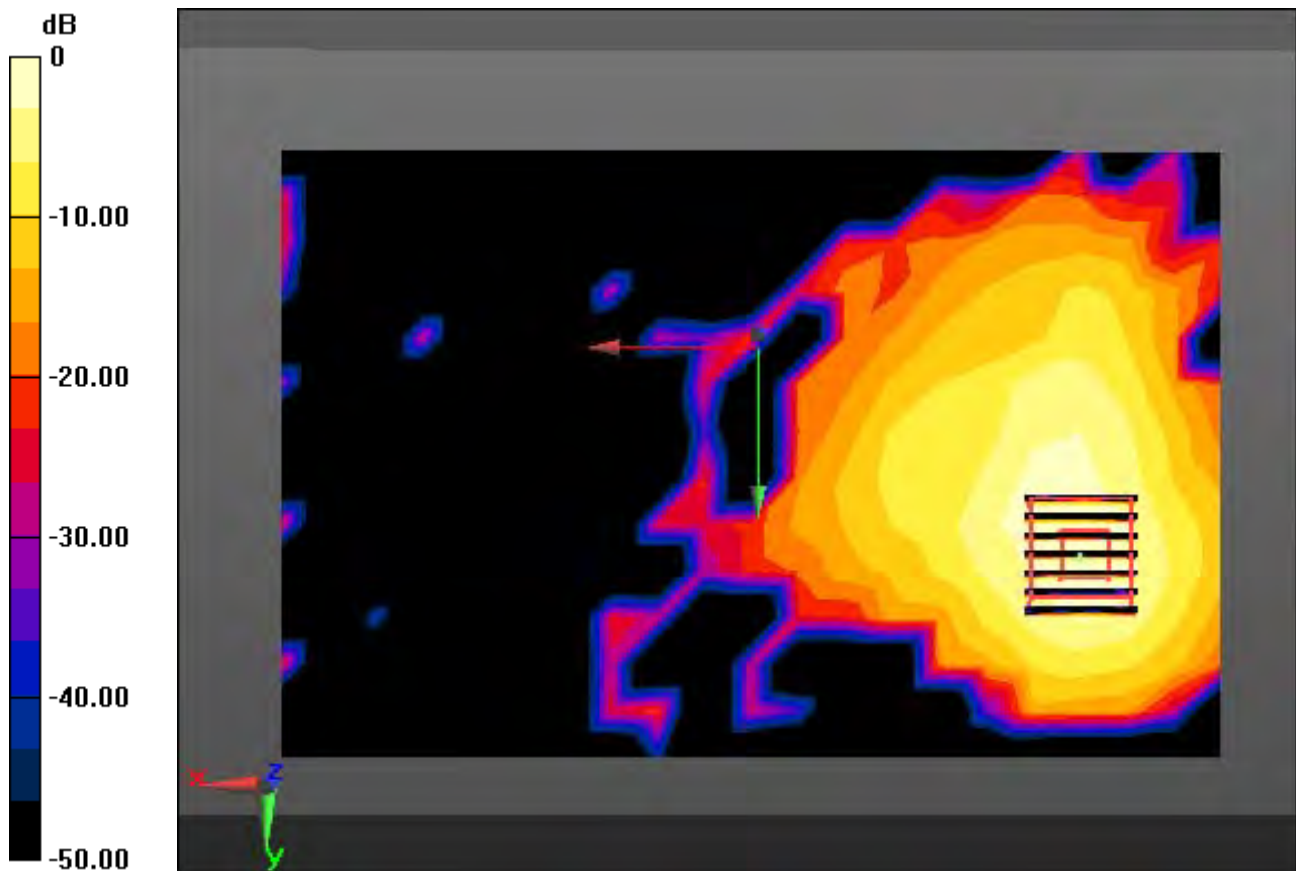
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.122 W/kg



0 dB = 0.655 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 48.12$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 116 Ant. 2

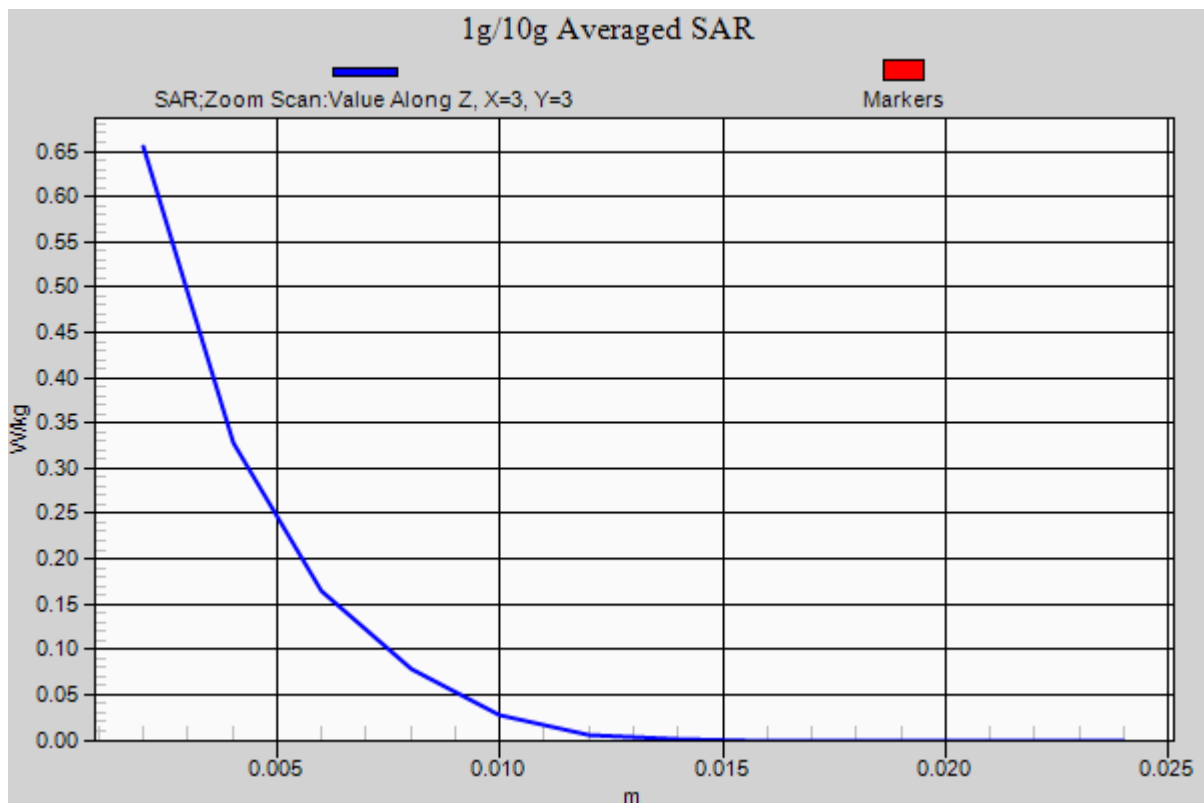
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.122 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.879$ S/m; $\epsilon_r = 48.12$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

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

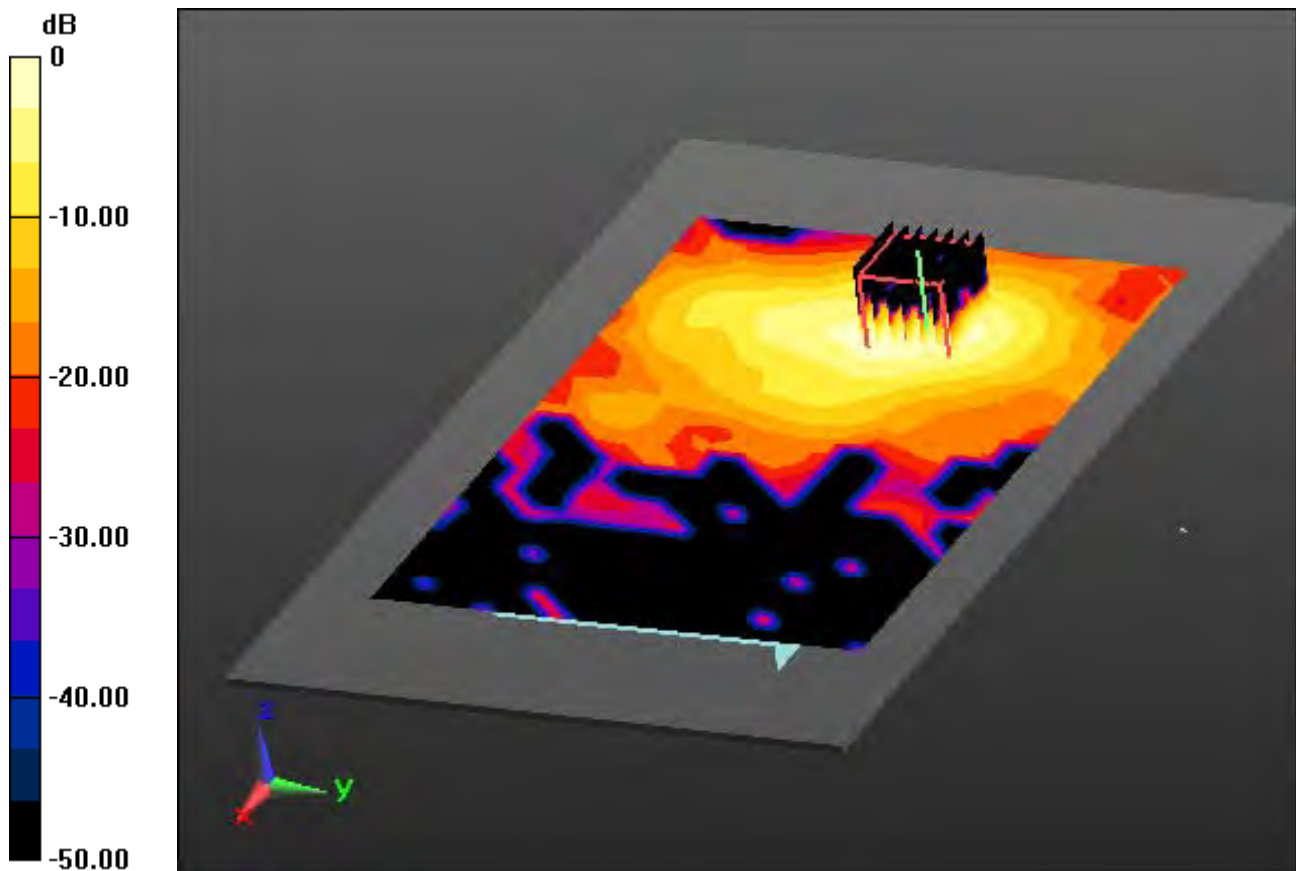
Area Scan (21x14x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 0.958 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 48.12$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

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

With Enlarge Plot image

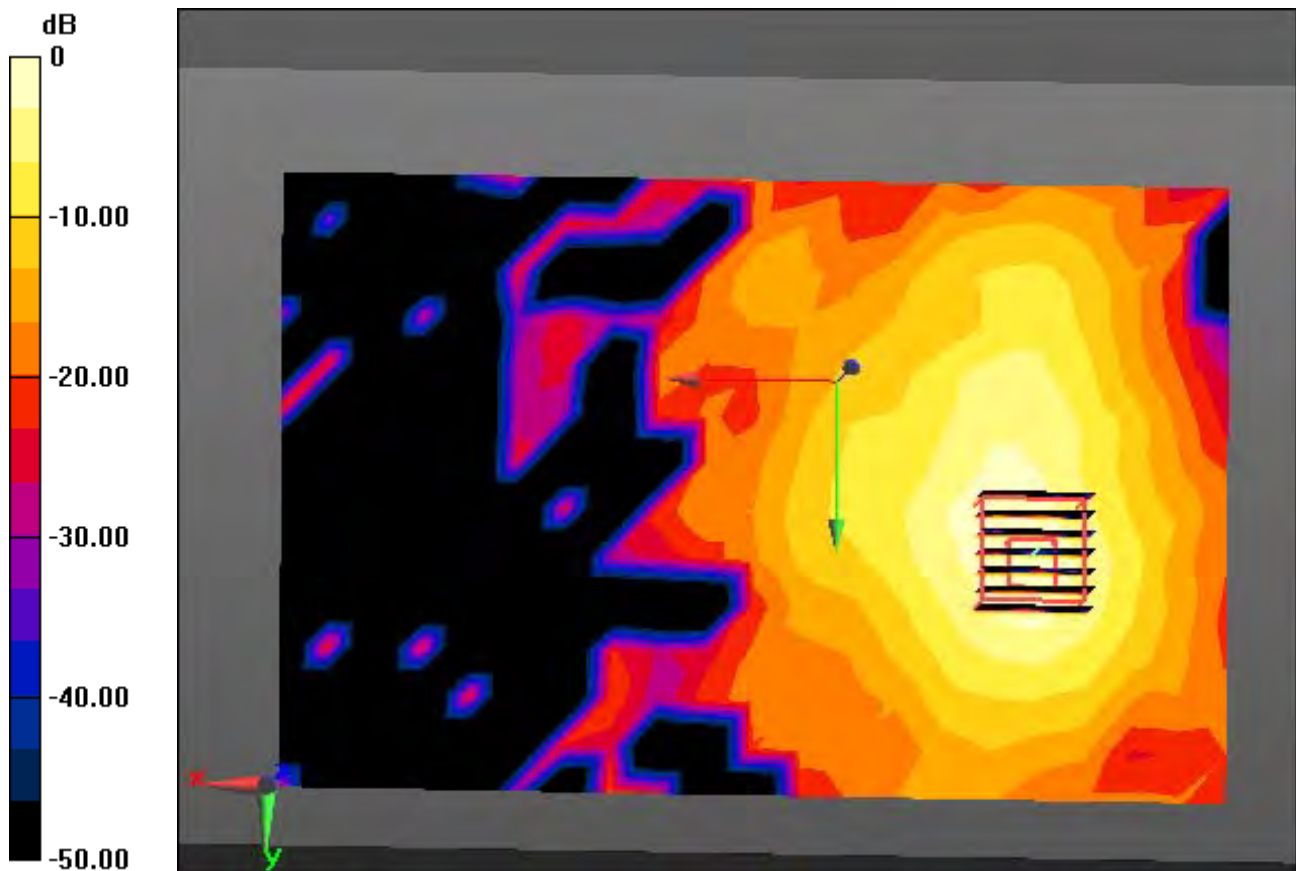
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 0.958 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 48.12$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-17; Ambient Temp: 21.5; Tissue Temp: 22.0

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

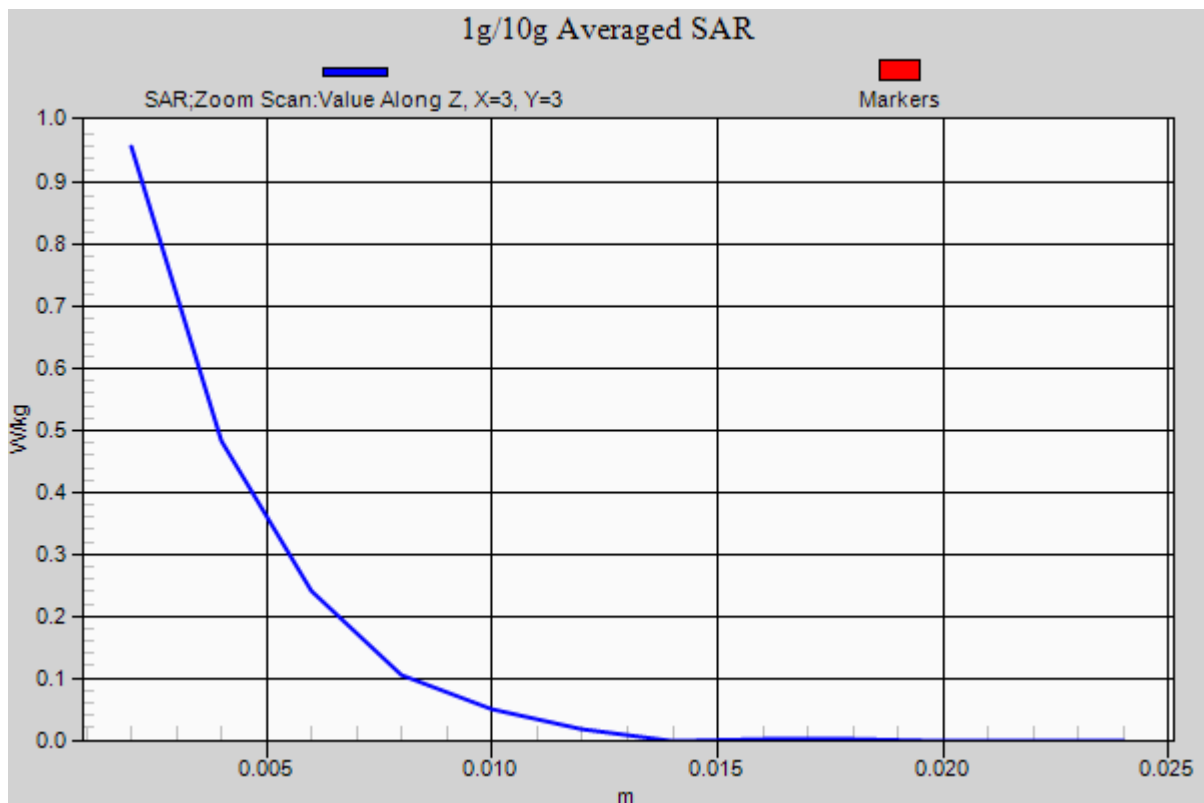
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.175 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.094 \text{ S/m}$; $\epsilon_r = 47.76$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 149, Ant 1

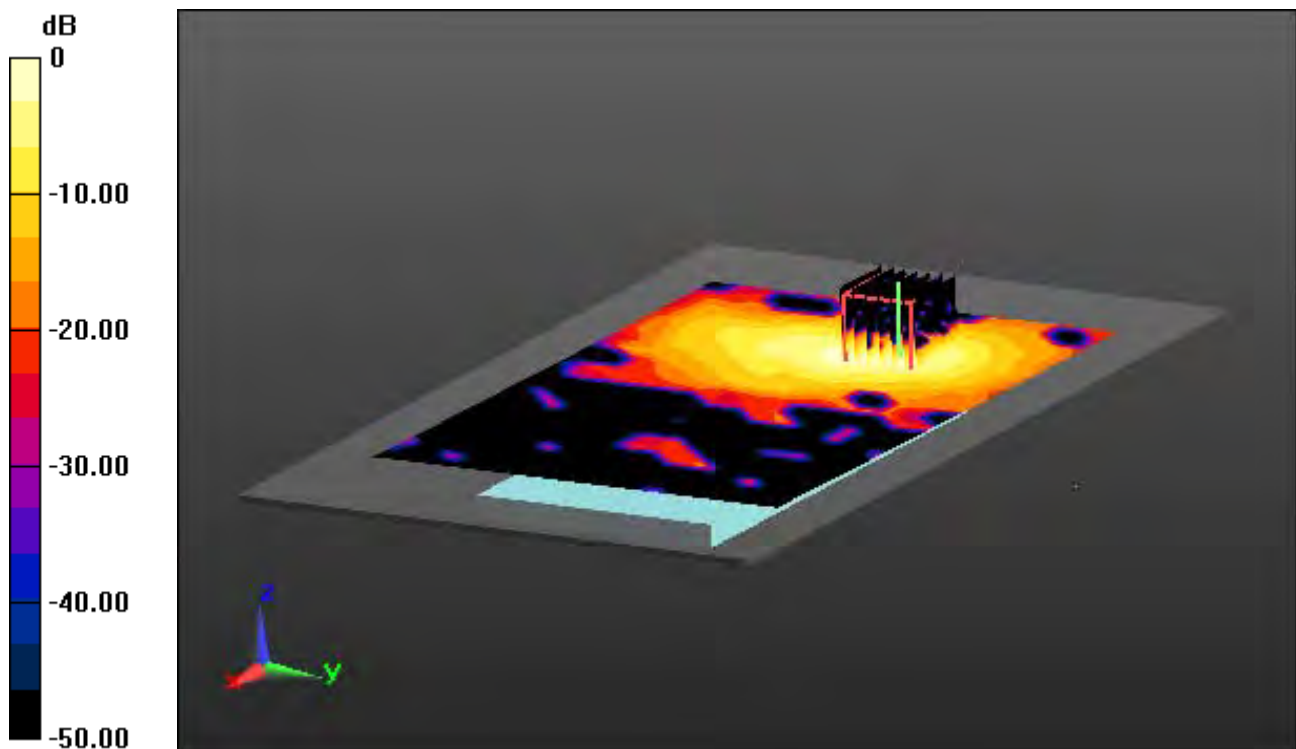
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.657 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.094 \text{ S/m}$; $\epsilon_r = 47.76$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 149, Ant 1

With Enlarge Plot image

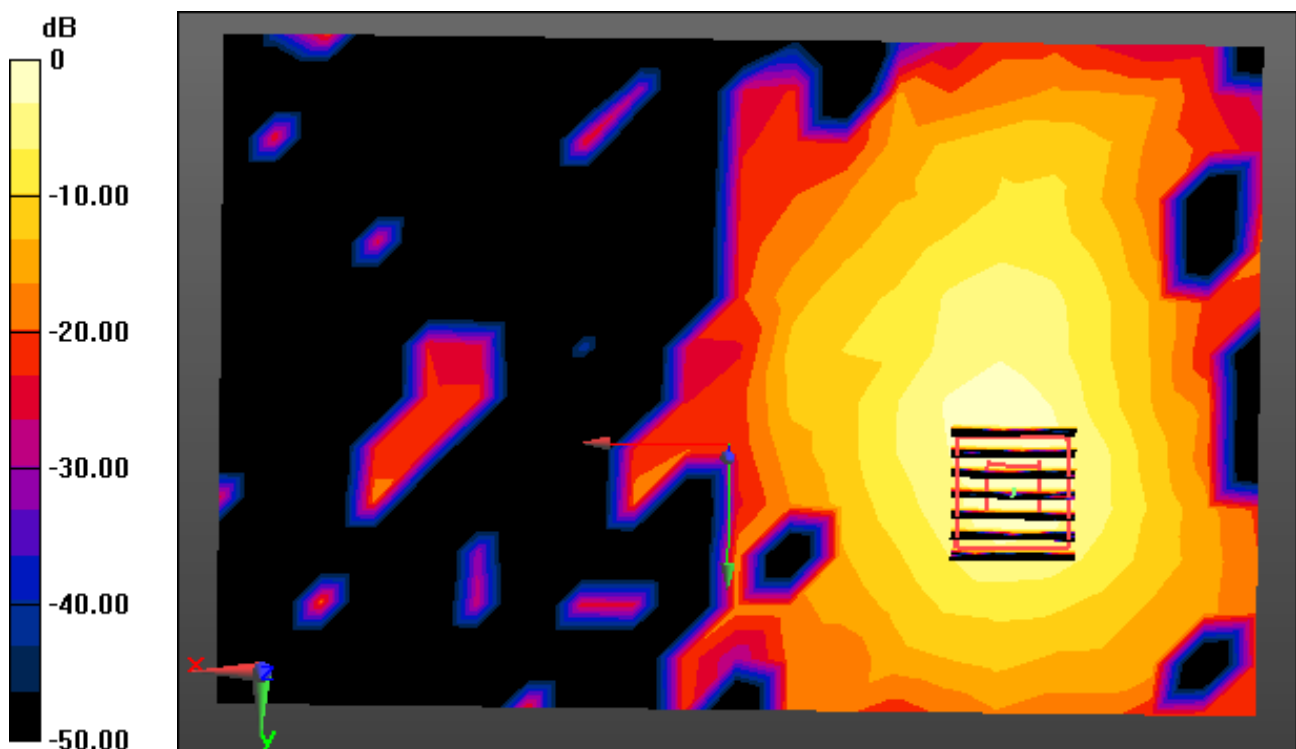
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.657 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.094 \text{ S/m}$; $\epsilon_r = 47.76$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 149, Ant 1

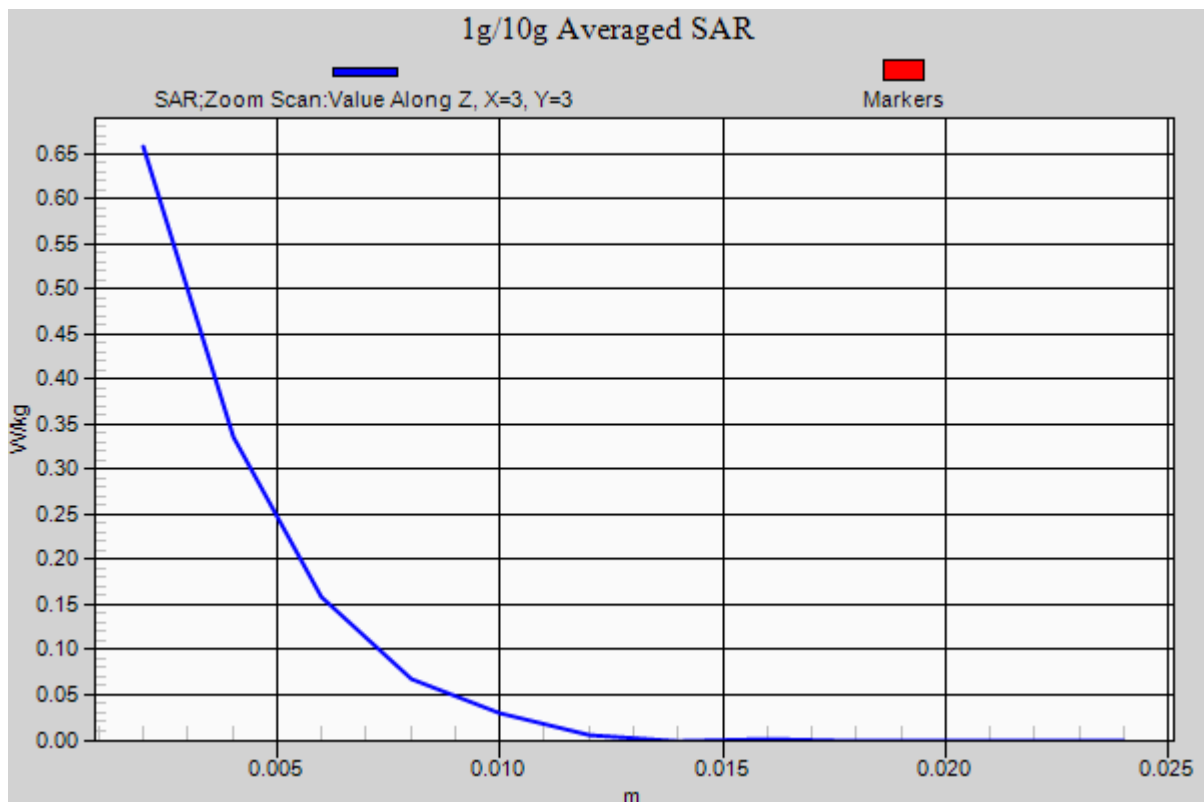
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.110 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.147 \text{ S/m}$; $\epsilon_r = 47.686$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 157, Ant 2

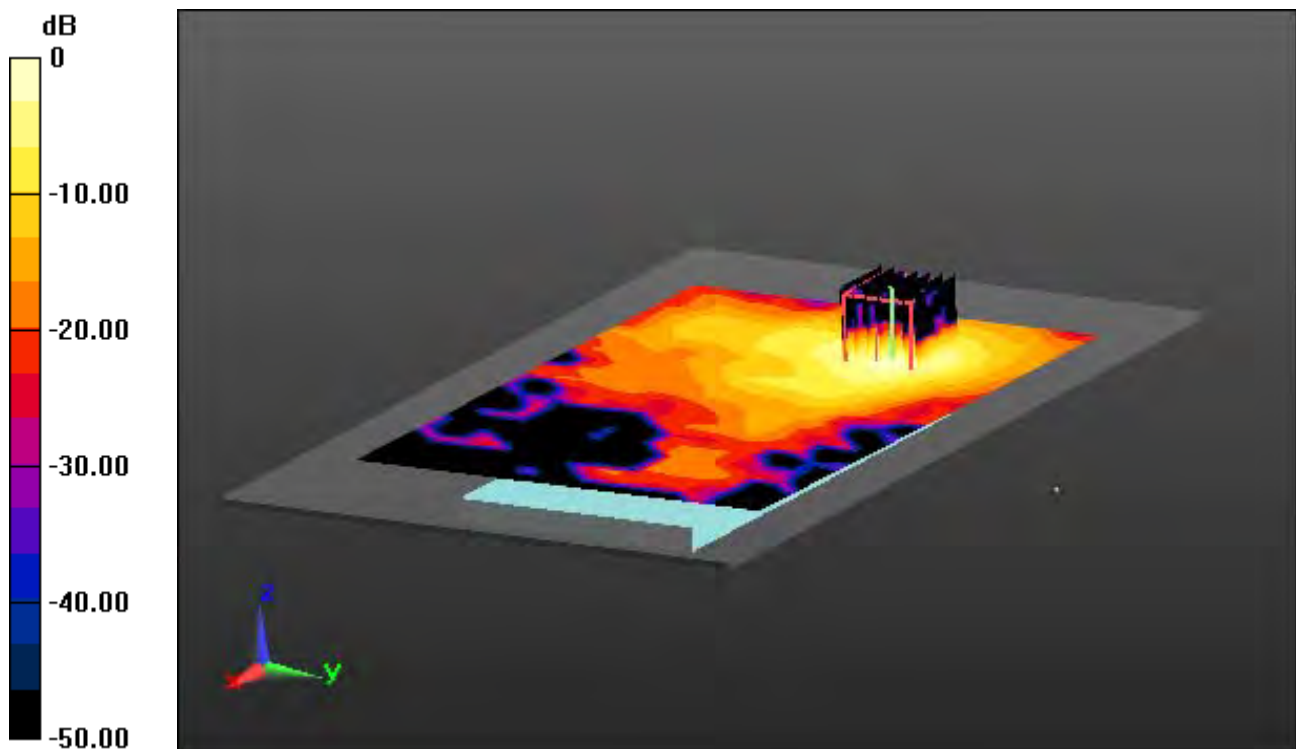
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.101 W/kg



0 dB = 1.28 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.147 \text{ S/m}$; $\epsilon_r = 47.686$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 157, Ant 2

With Enlarge Plot image

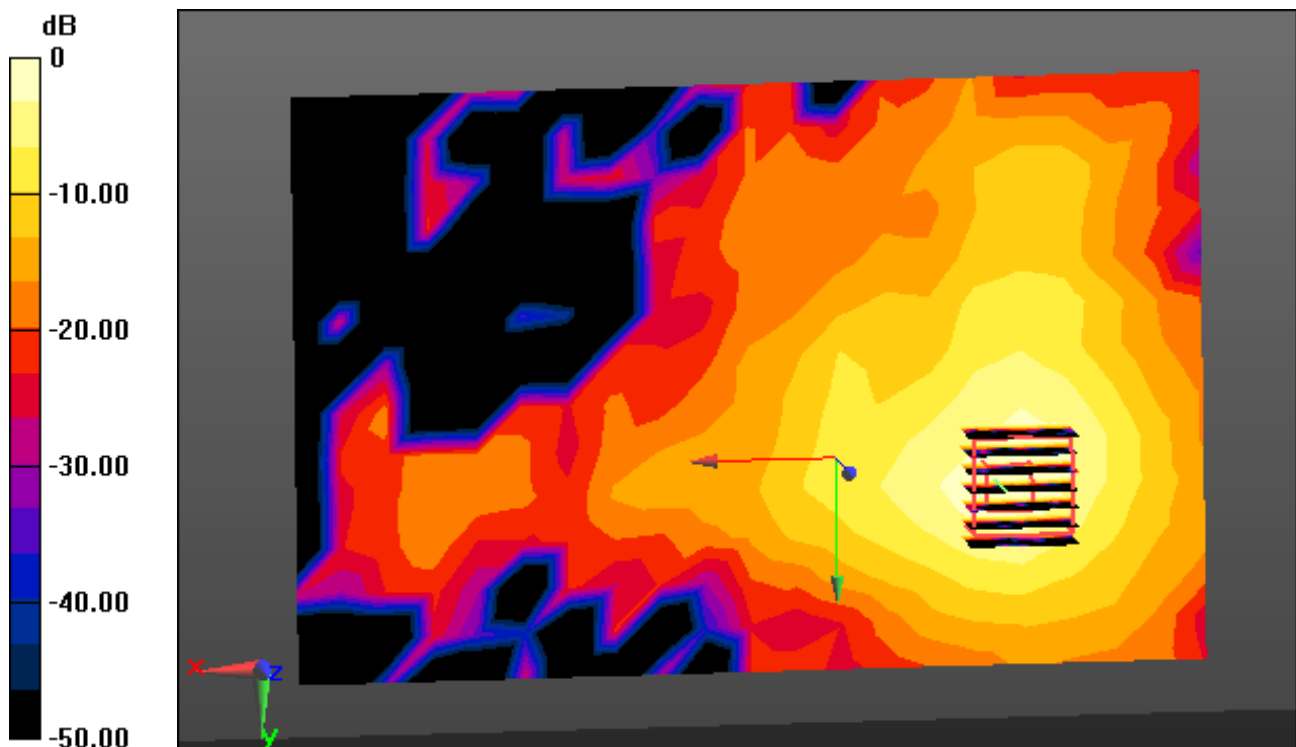
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.101 W/kg



0 dB = 1.28 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.147 \text{ S/m}$; $\epsilon_r = 47.686$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 157, Ant 2

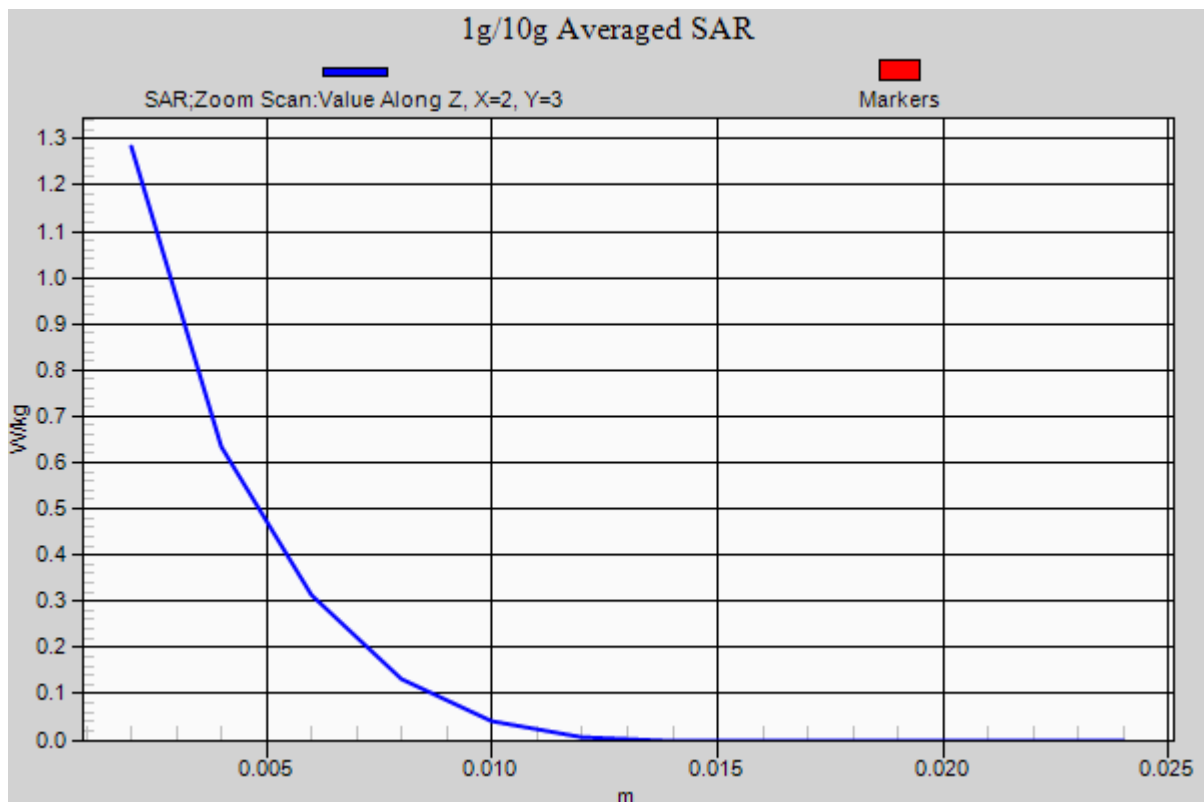
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.101 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.147 \text{ S/m}$; $\epsilon_r = 47.686$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 157, MIMO

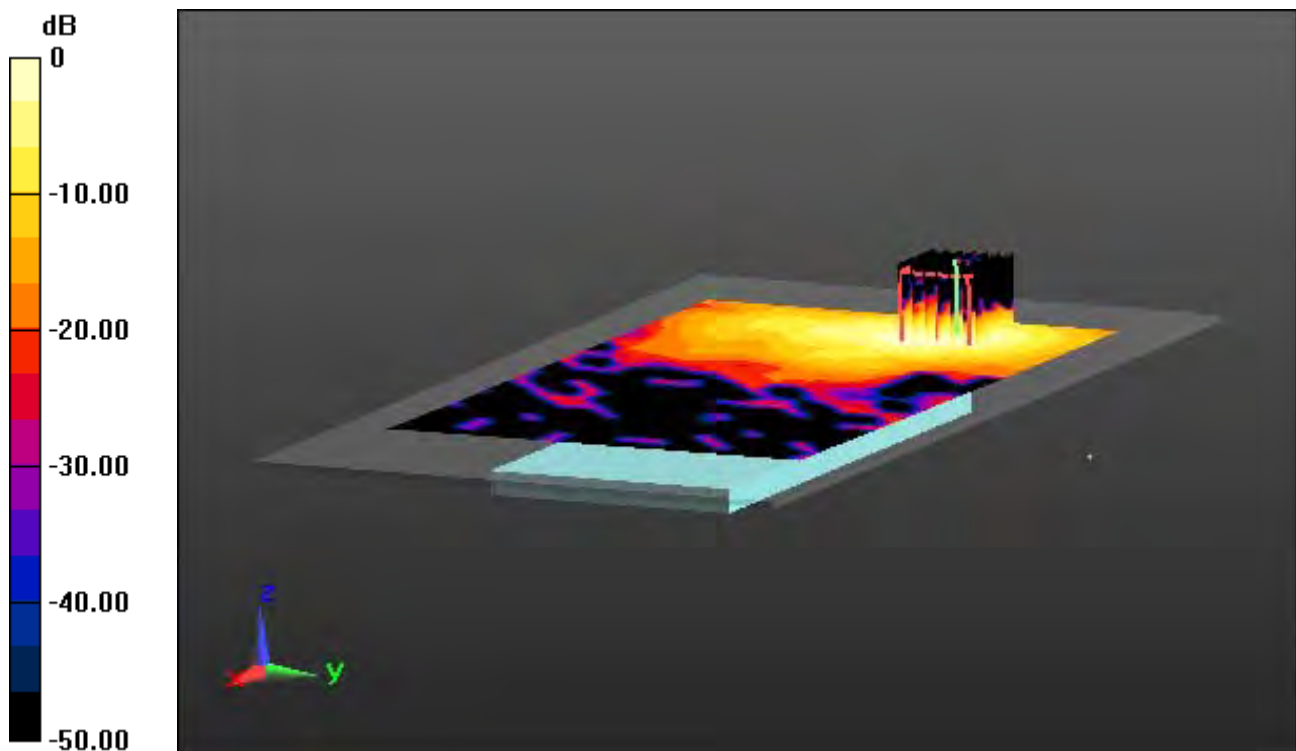
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.152 W/kg



0 dB = 0.831 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.147 \text{ S/m}$; $\epsilon_r = 47.686$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 157, MIMO

With Enlarge Plot image

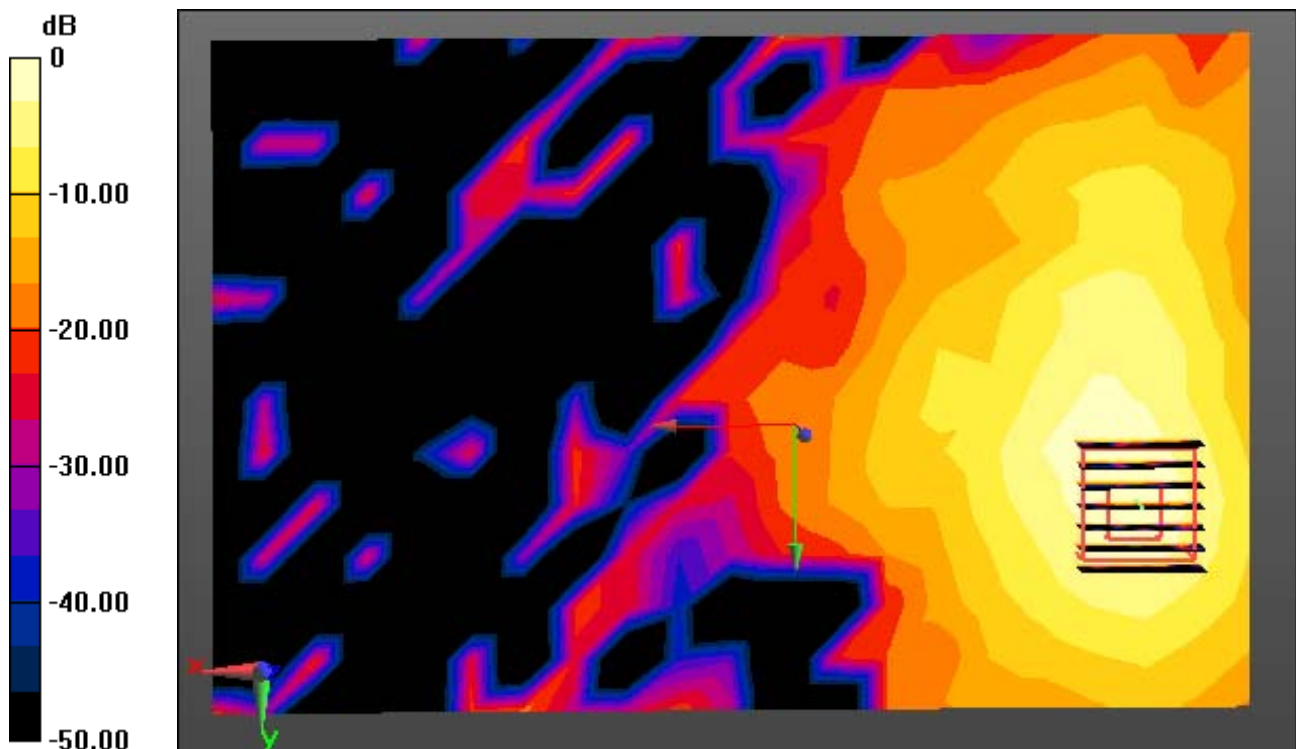
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.152 W/kg



0 dB = 0.831 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.147 \text{ S/m}$; $\epsilon_r = 47.686$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-19; Ambient Temp: 21.8; Tissue Temp: 22.1

1 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 157, MIMO

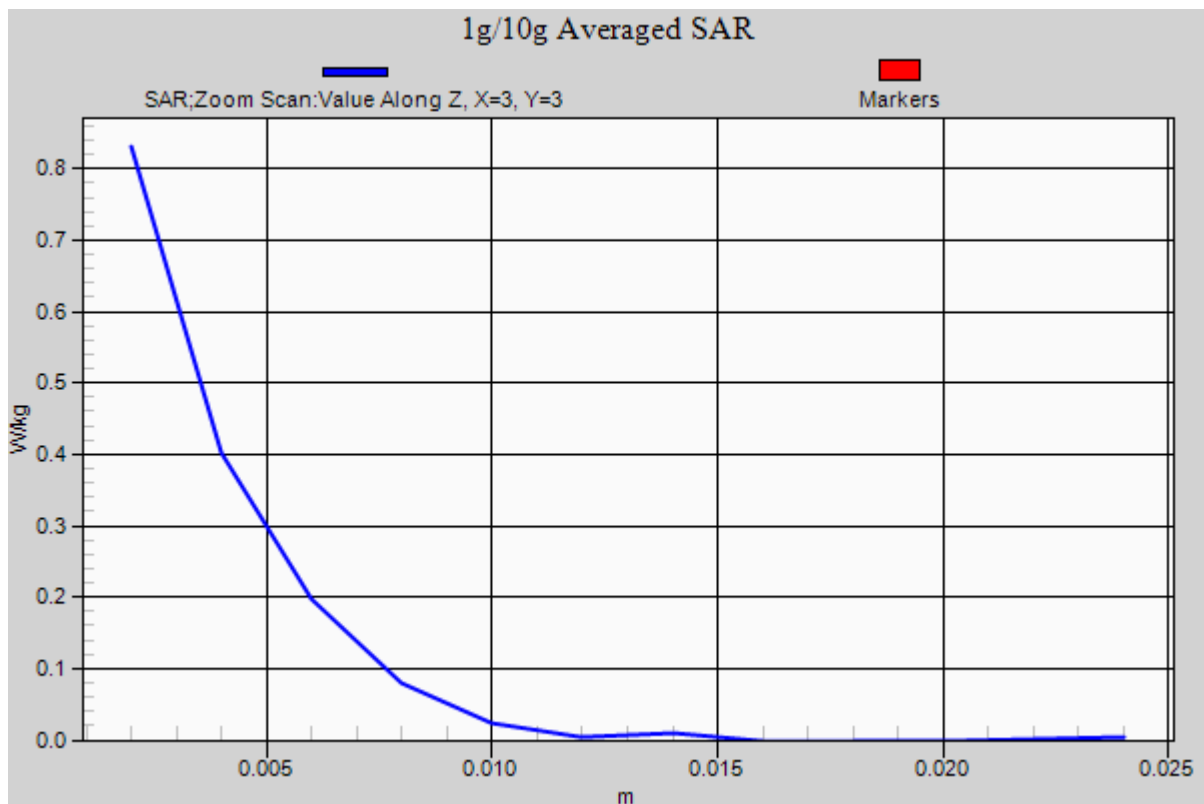
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.152 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

1 cm space from Body, Bottom, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

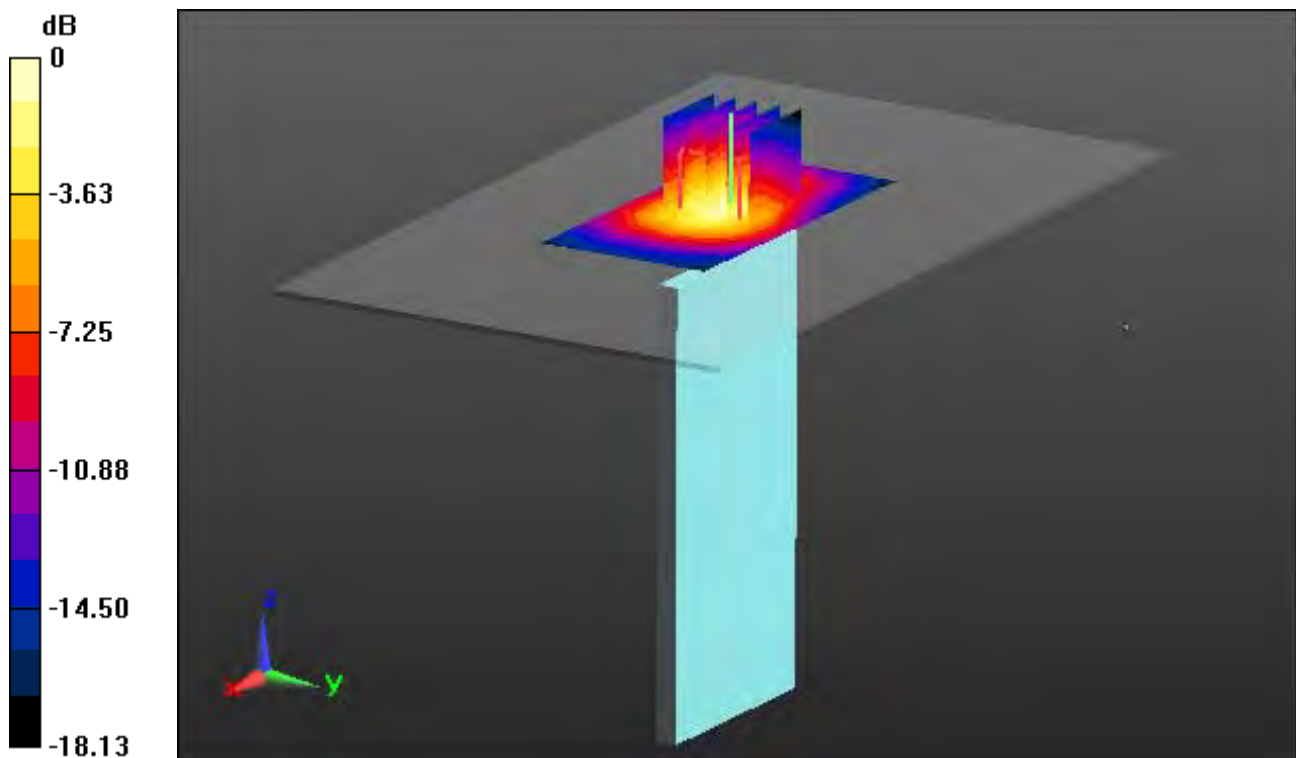
Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.354 W/kg



0 dB = 0.841 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

1 cm space from Body, Bottom, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

With Enlarge Plot image

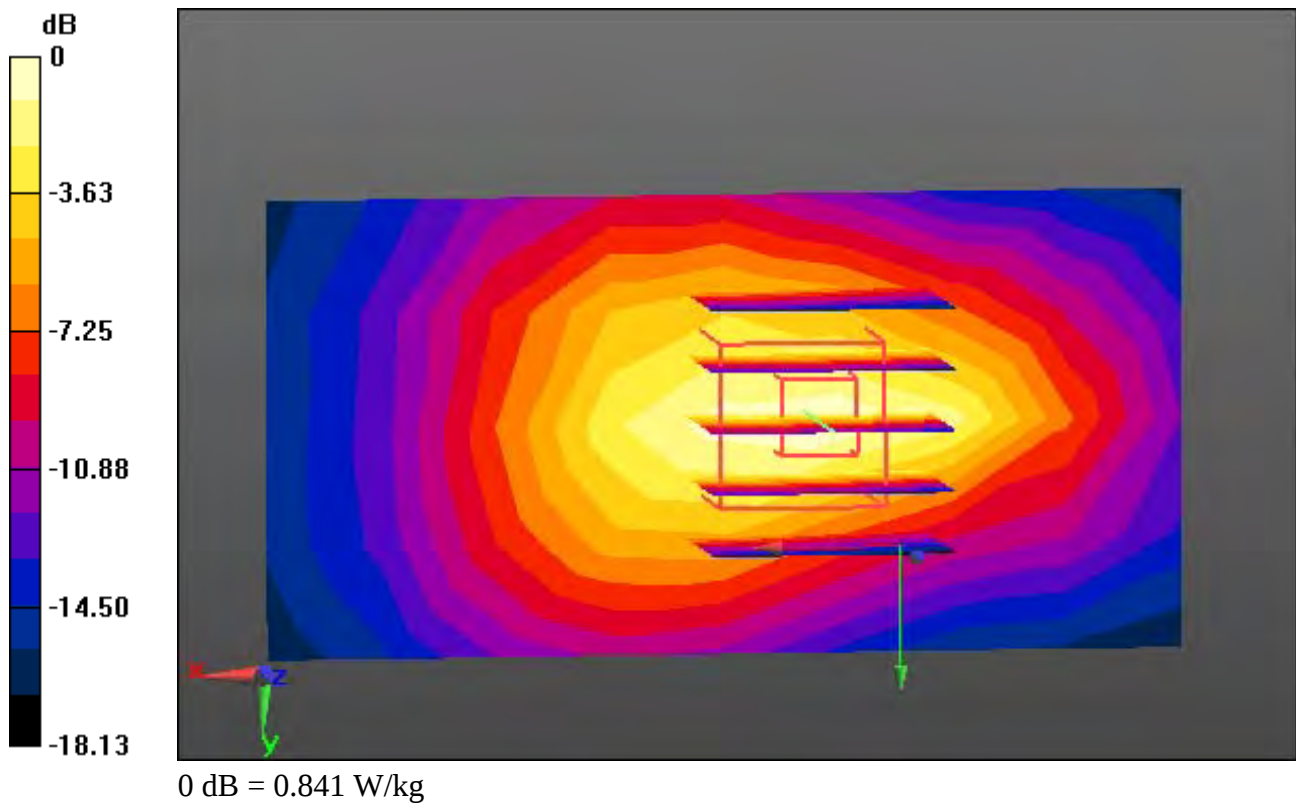
Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.354 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 52.307$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-23; Ambient Temp: 21.7; Tissue Temp: 22.2

1 cm space from Body, Bottom, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

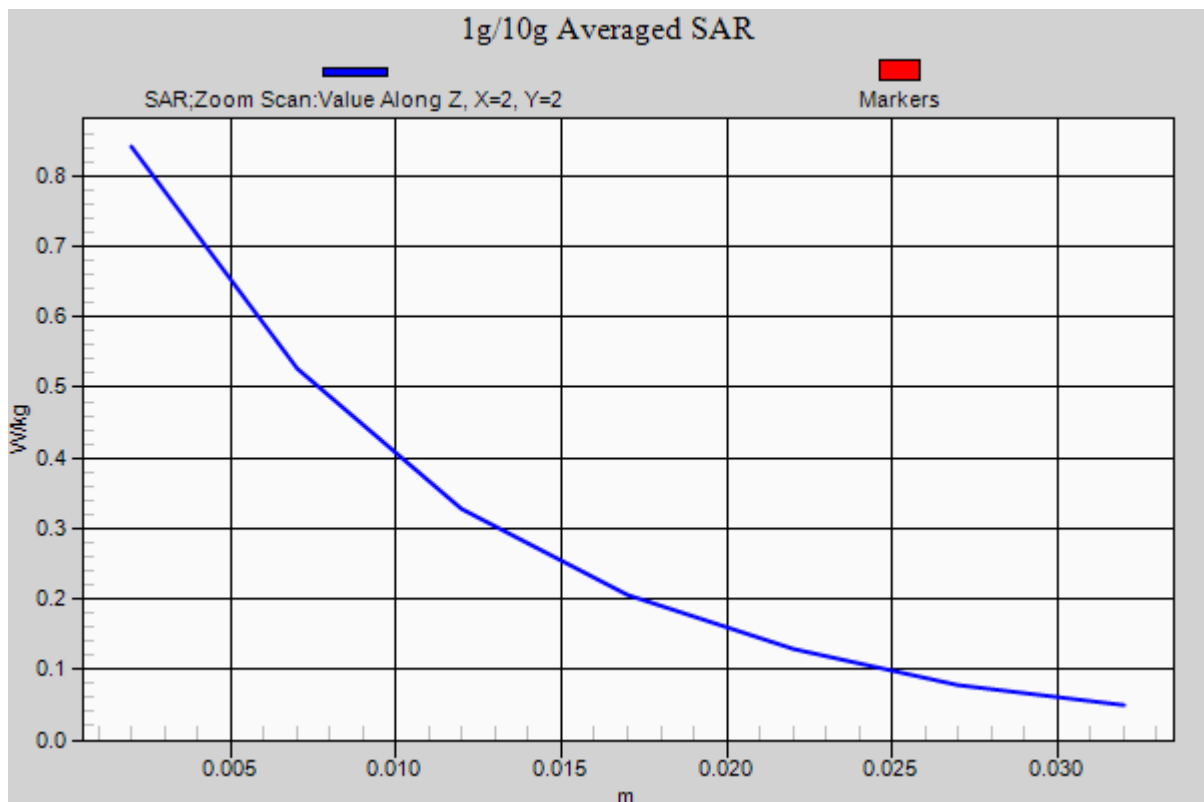
Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.354 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 52.443$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Bottom, WCDMA1900 Ch. 9262, Ant Internal

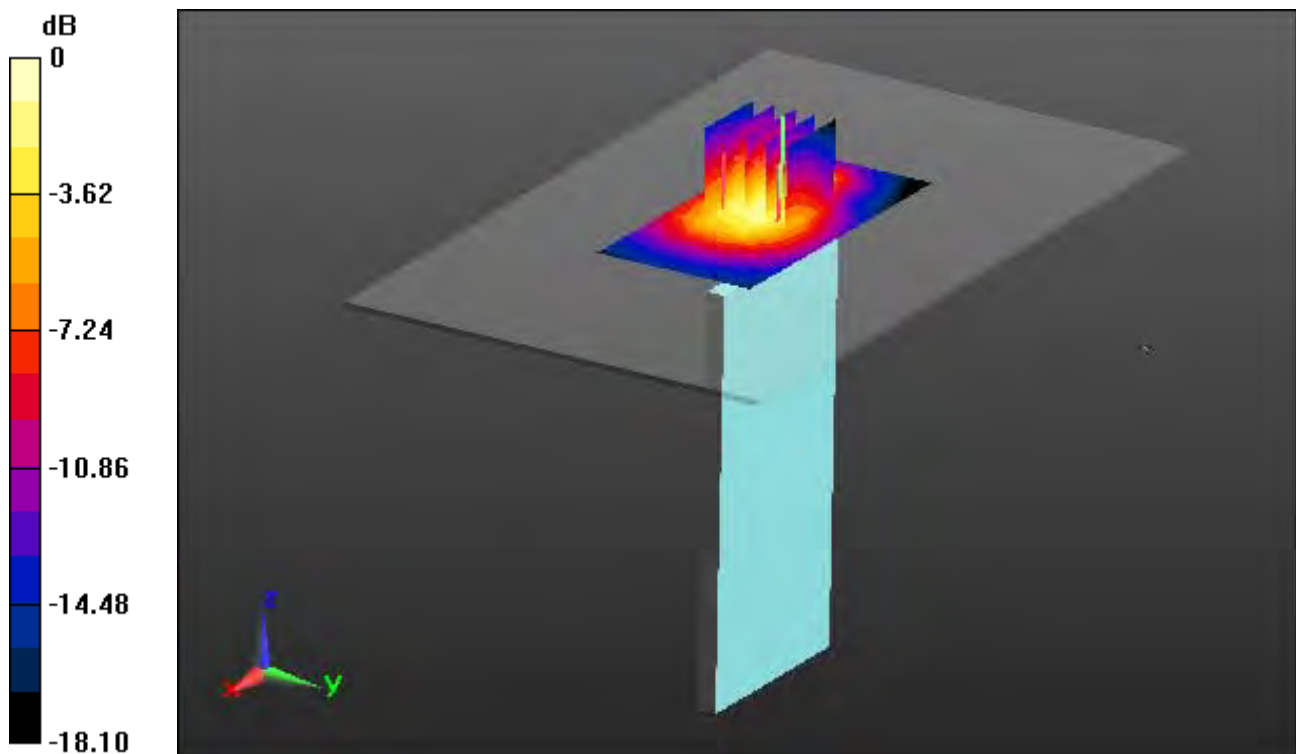
Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.593 W/kg



0 dB = 1.42 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 52.443$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Bottom, WCDMA1900 Ch. 9262, Ant Internal

With Enlarge Plot image

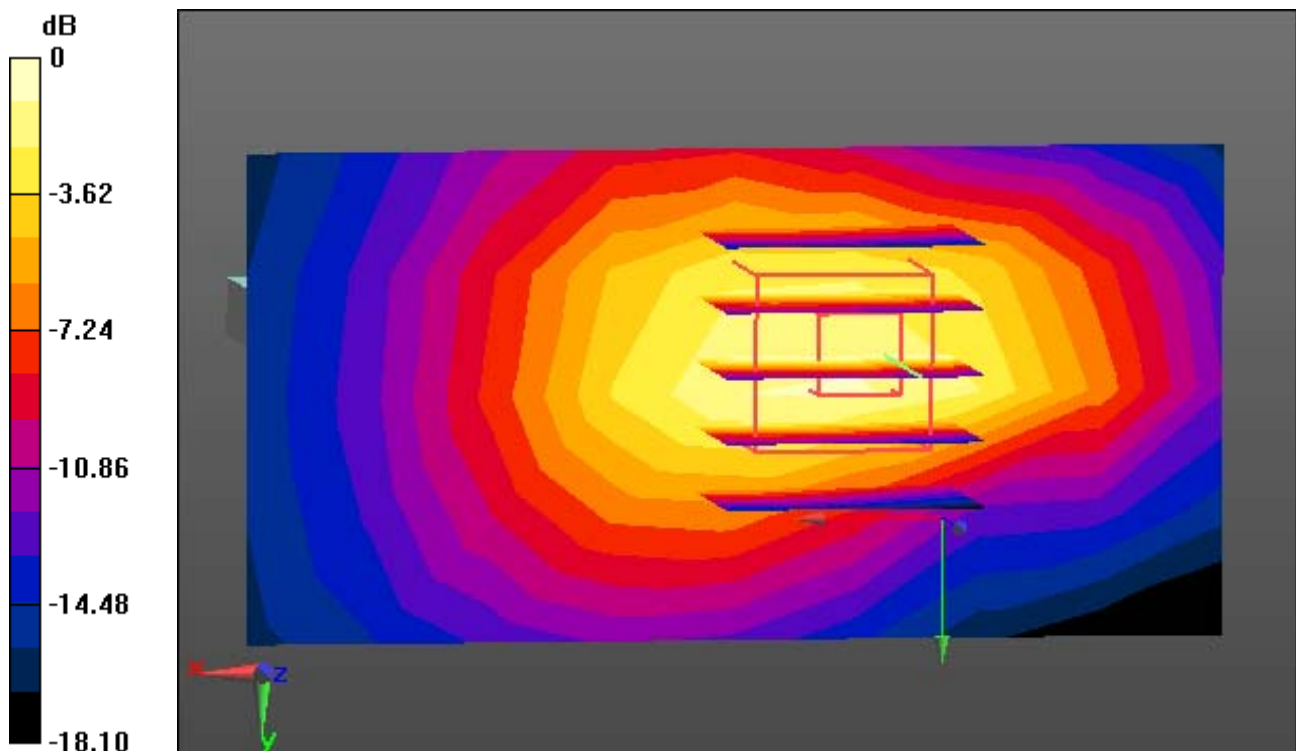
Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.593 W/kg



0 dB = 1.42 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 52.443$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.83, 7.83, 7.83); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-06-29; Ambient Temp: 21.3; Tissue Temp: 21.6

1 cm space from Body, Bottom, WCDMA1900 Ch. 9262, Ant Internal

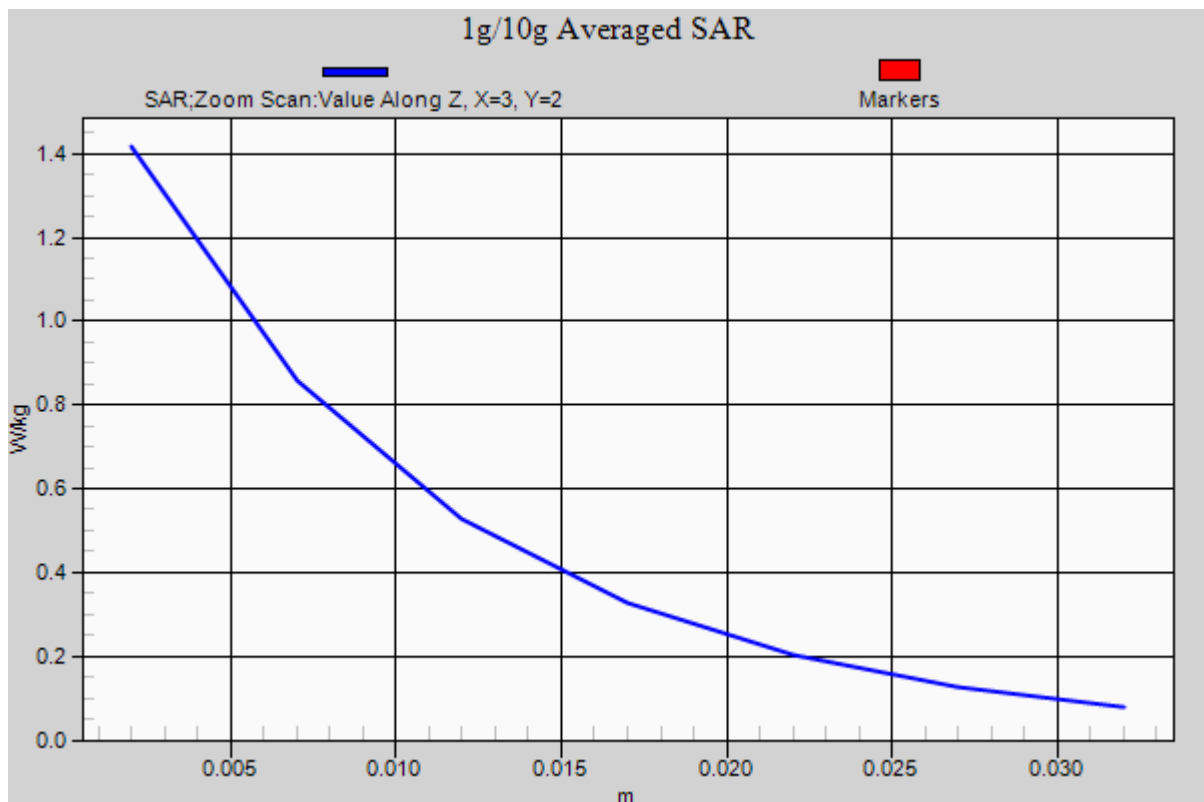
Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.593 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 51.876$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-06; Ambient Temp: 21.6; Tissue Temp: 21.9

1 cm space from Body, Bottom, LTE Band 7 Ch. 20850, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

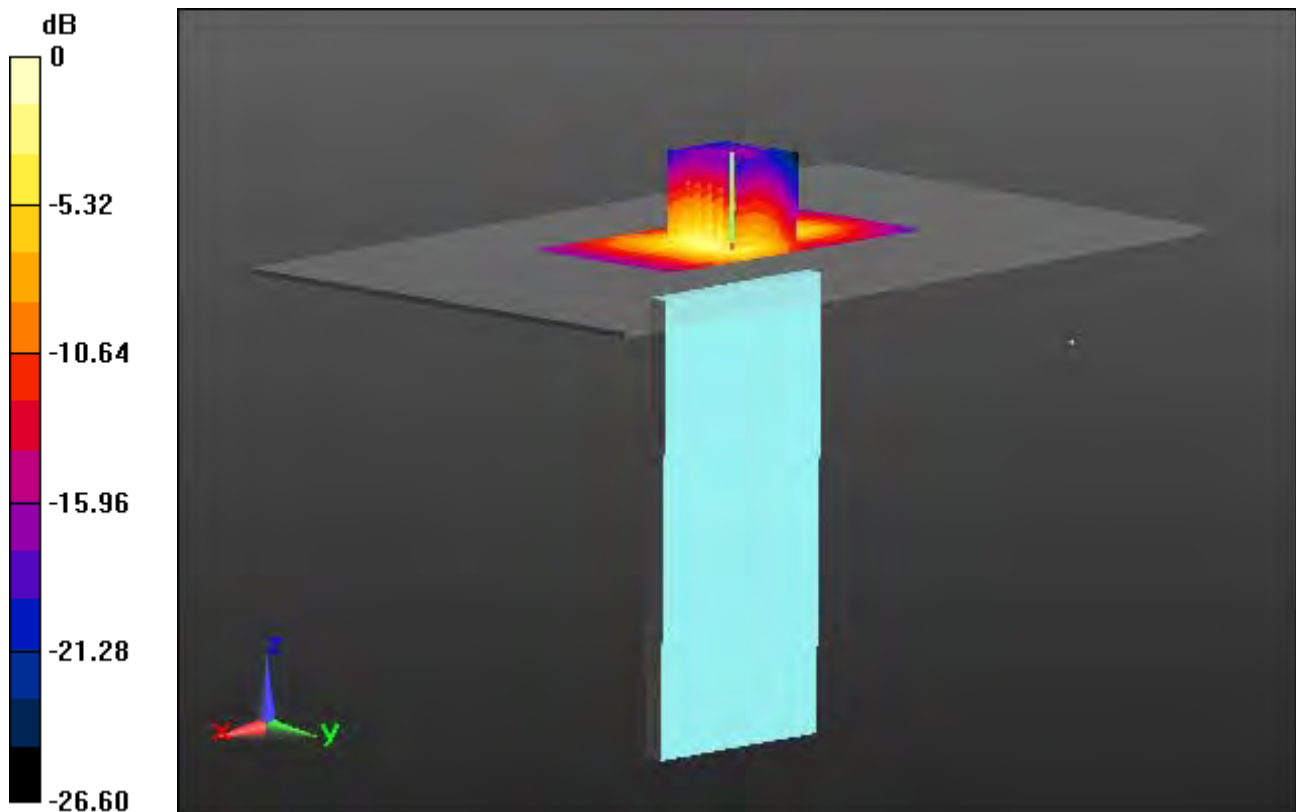
Area Scan (11x6x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.527 W/kg



0 dB = 1.60 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 51.876$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-06; Ambient Temp: 21.6; Tissue Temp: 21.9

1 cm space from Body, Bottom, LTE Band 7 Ch. 20850, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

With Enlarge Plot image

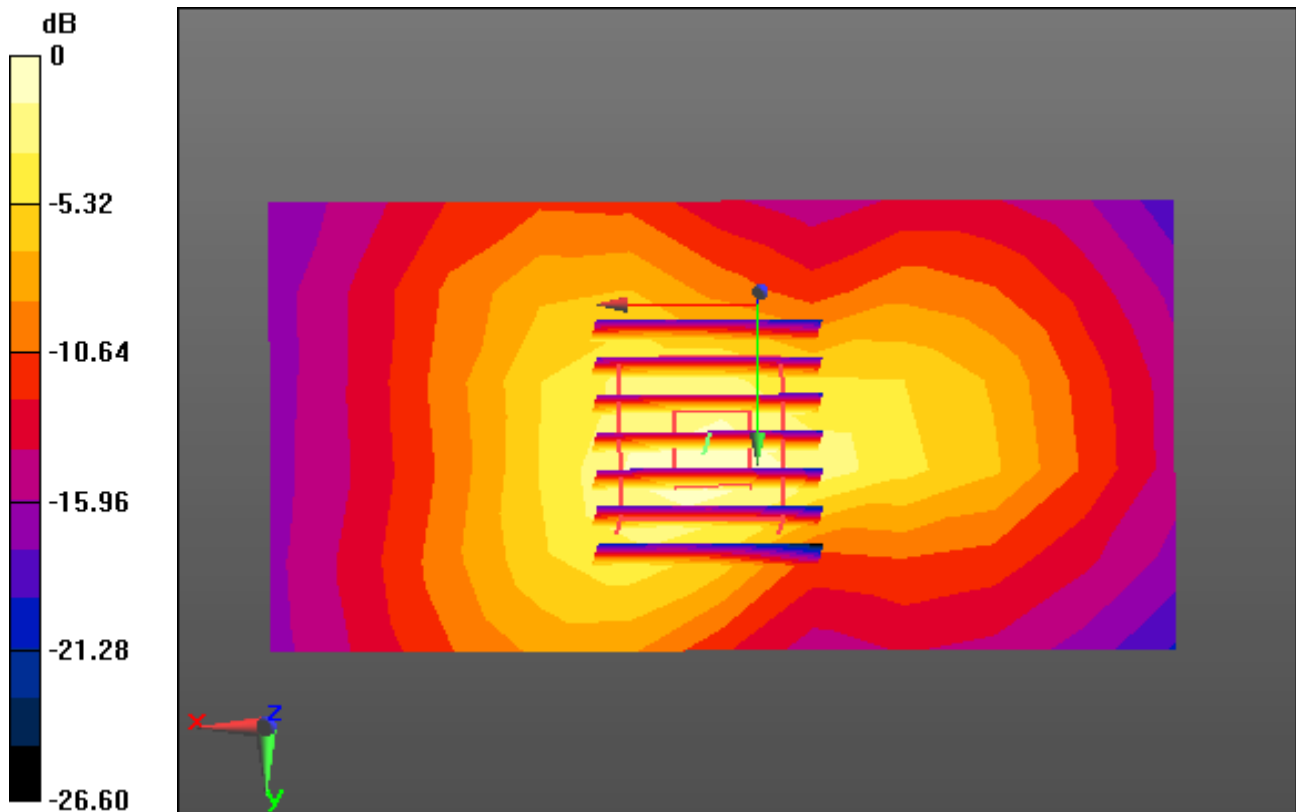
Area Scan (11x6x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.527 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 51.876$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-06; Ambient Temp: 21.6; Tissue Temp: 21.9

1 cm space from Body, Bottom, LTE Band 7 Ch. 20850, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

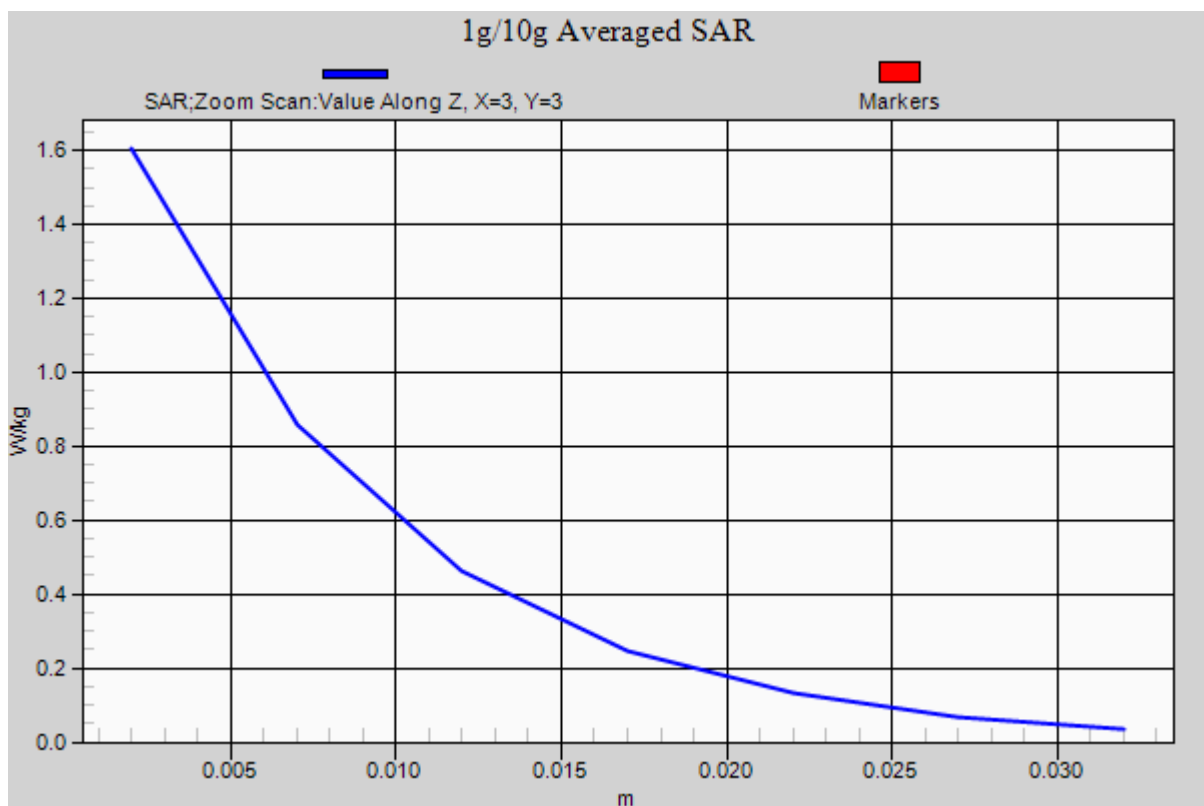
Area Scan (11x6x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.527 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.906 \text{ S/m}$; $\epsilon_r = 52.375$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Top, W-LAN(2.4G 802.11b) Ch. 6, Ant 2

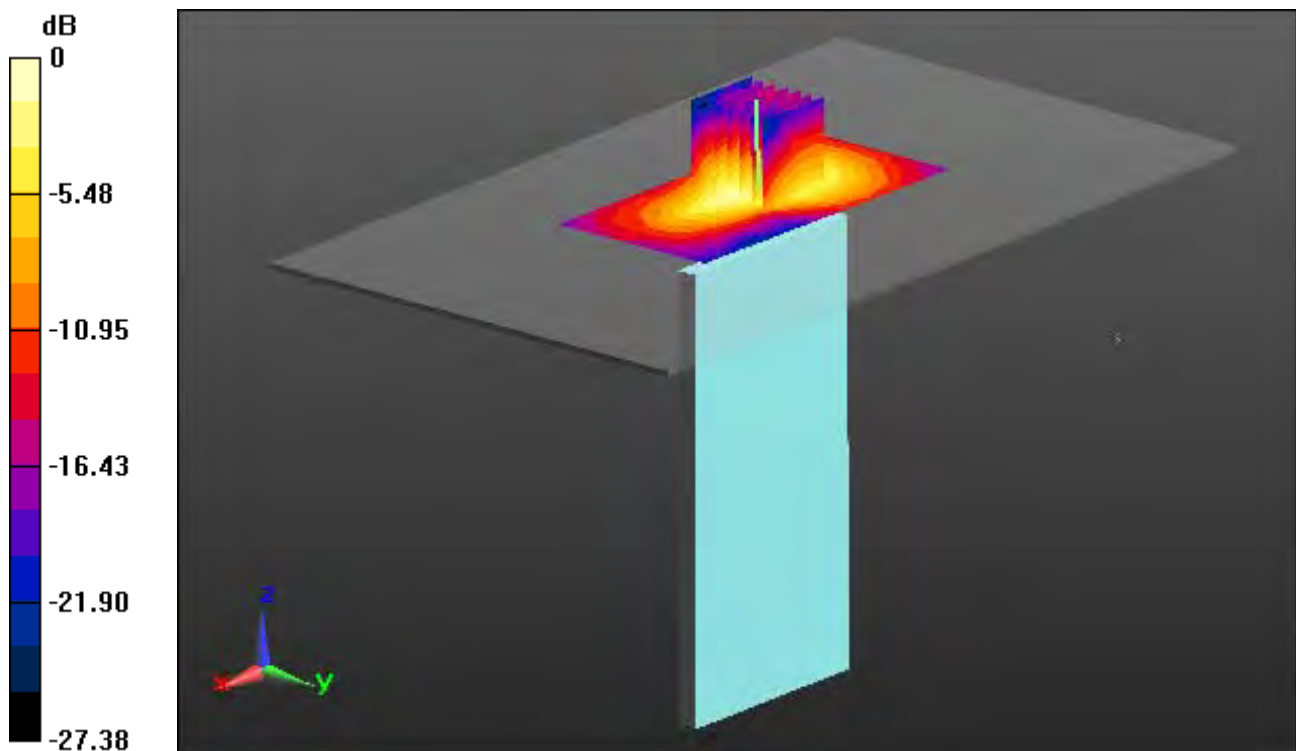
Area Scan (11x6x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.220 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.906 \text{ S/m}$; $\epsilon_r = 52.375$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Top, W-LAN(2.4G 802.11b) Ch. 6, Ant 2

With Enlarge Plot image

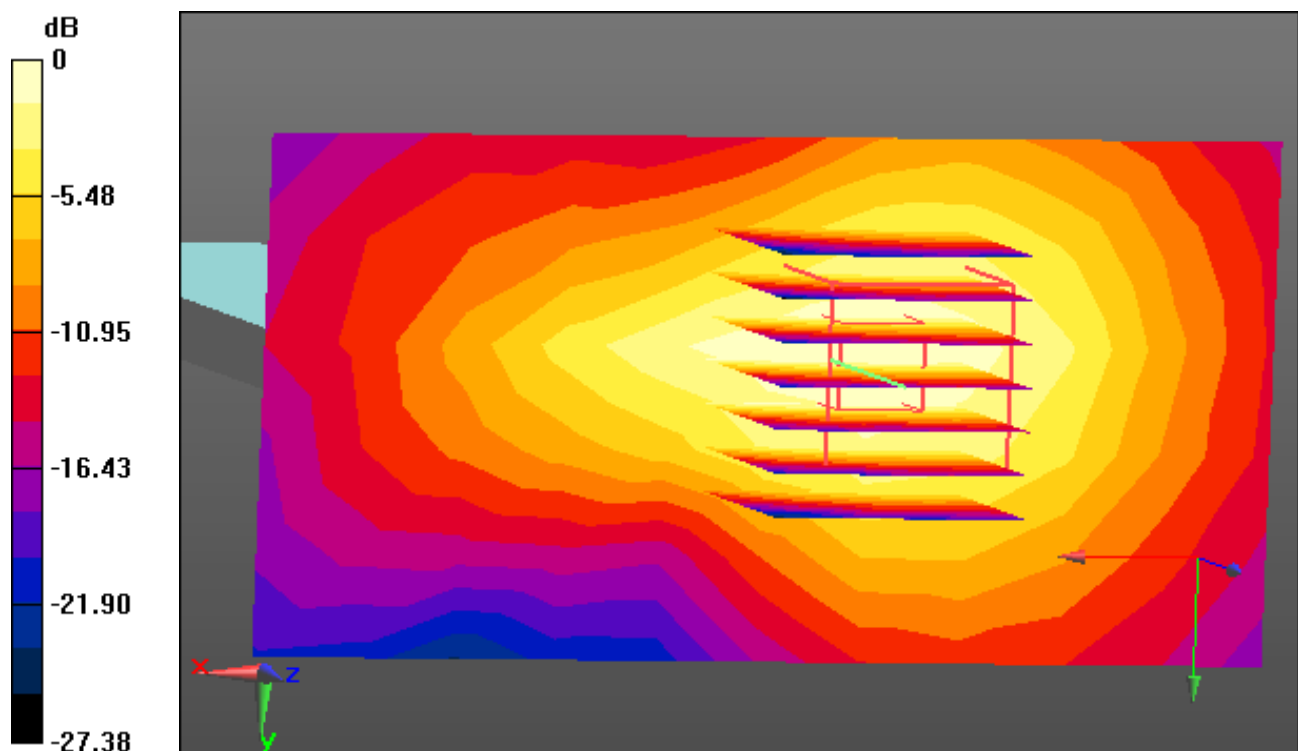
Area Scan (11x6x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.220 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Top, W-LAN(2.4G 802.11b) Ch. 6, Ant 2

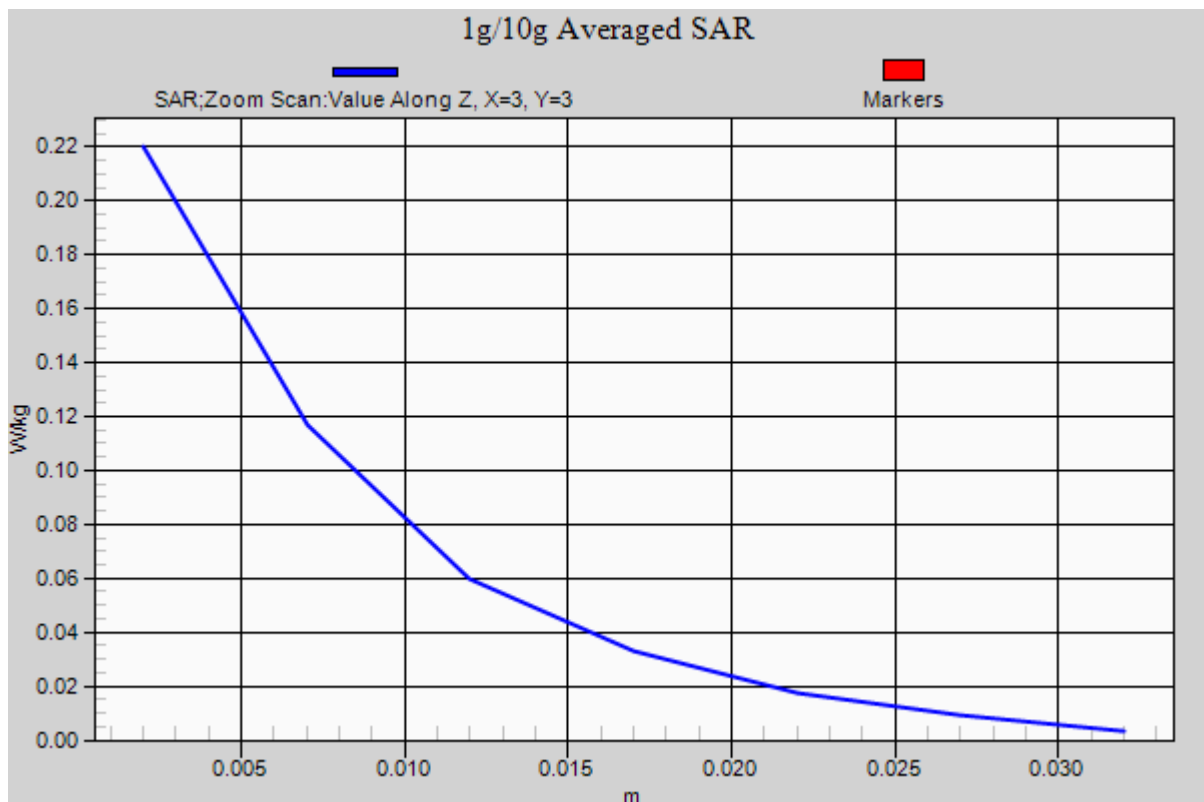
Area Scan (11x6x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.081 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.906 \text{ S/m}$; $\epsilon_r = 52.375$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Top, W-LAN(2.4G 802.11b) Ch. 6, MIMO

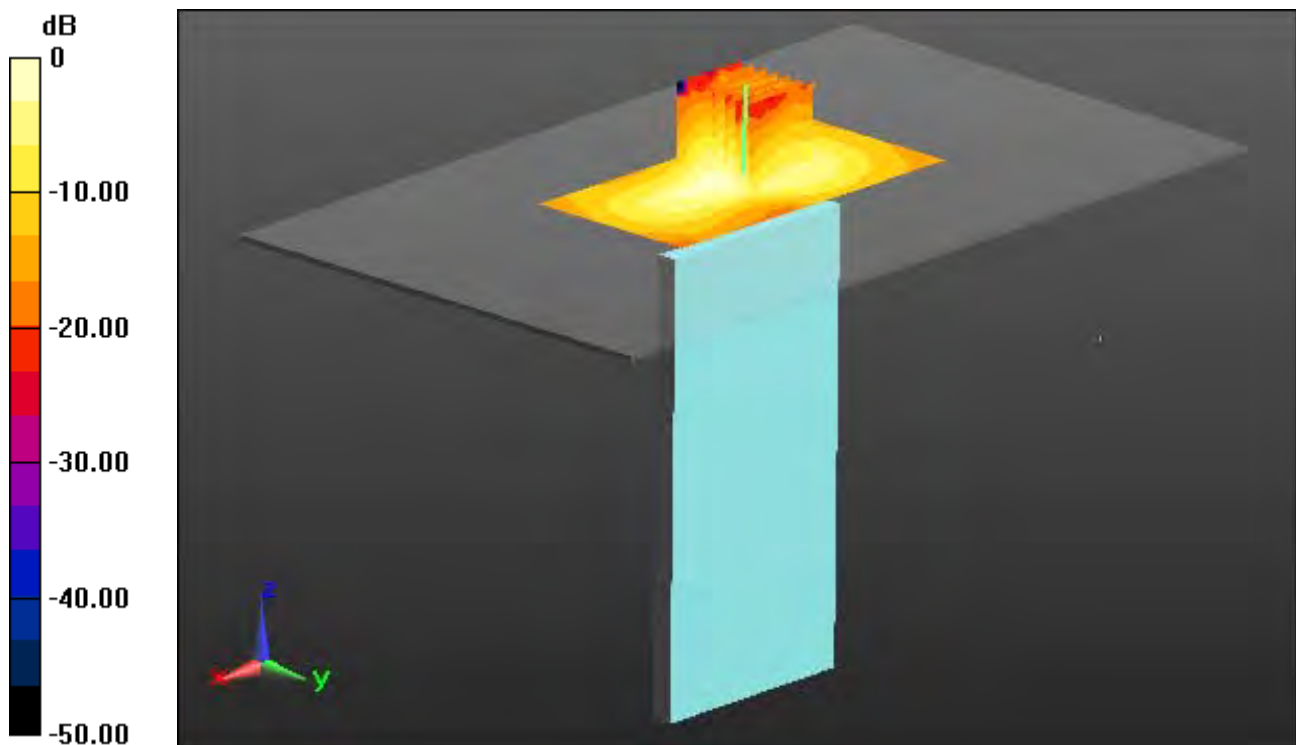
Area Scan (11x6x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.182 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.906 \text{ S/m}$; $\epsilon_r = 52.375$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Top, W-LAN(2.4G 802.11b) Ch. 6, MIMO

With Enlarge Plot image

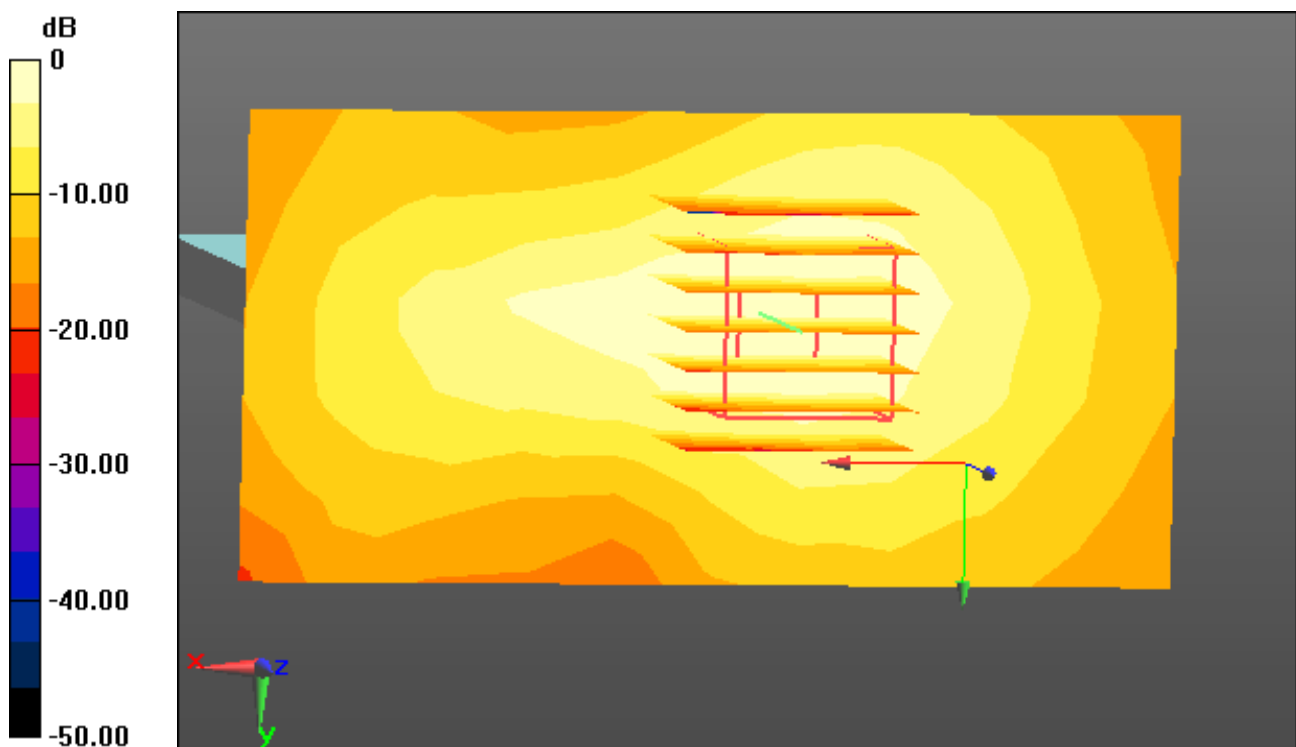
Area Scan (11x6x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.182 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 52.375$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-10; Ambient Temp: 22.0; Tissue Temp: 22.3

1 cm space from Body, Top, W-LAN(2.4G 802.11b) Ch. 6, MIMO

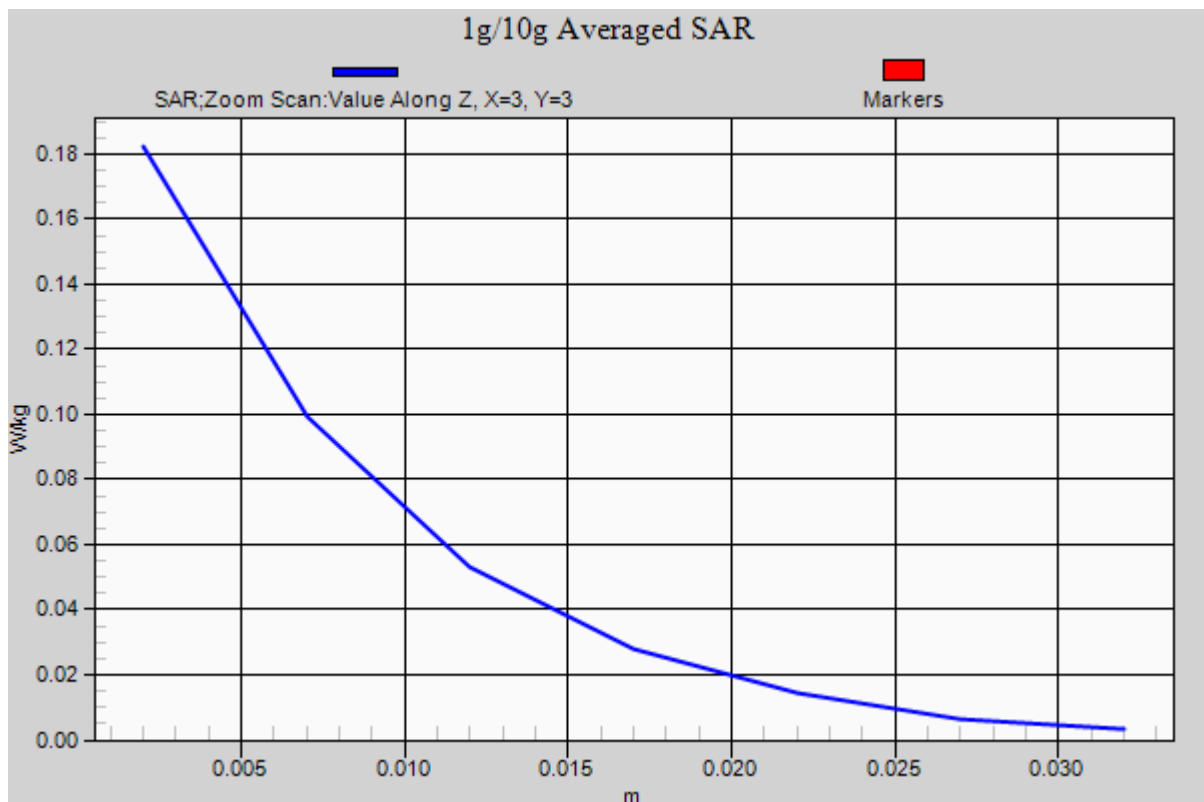
Area Scan (11x6x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.067 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.297 \text{ S/m}$; $\epsilon_r = 47.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. 1

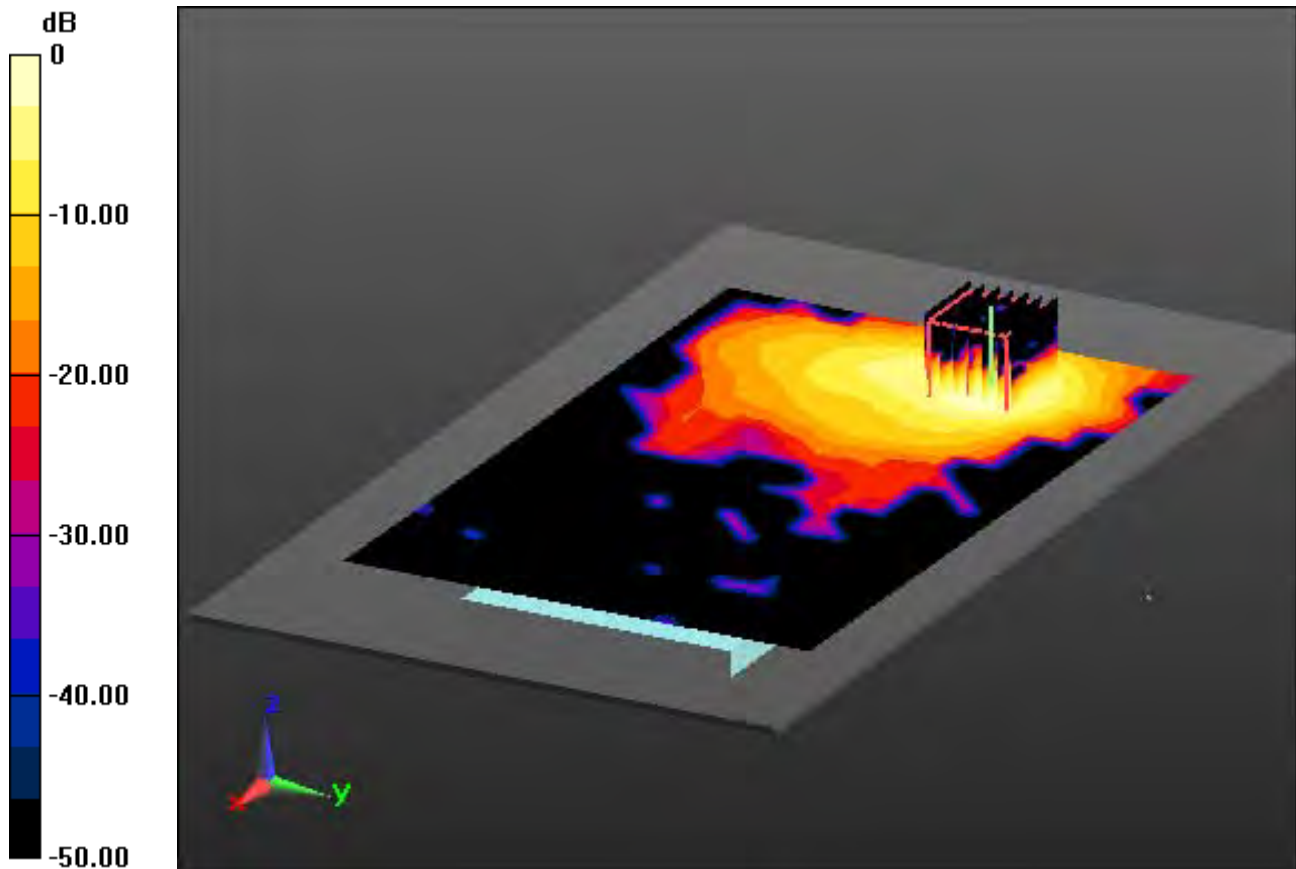
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.127 W/kg



0 dB = 0.657 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.297$ S/m; $\epsilon_r = 47.747$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. 1

With Enlarge Plot image

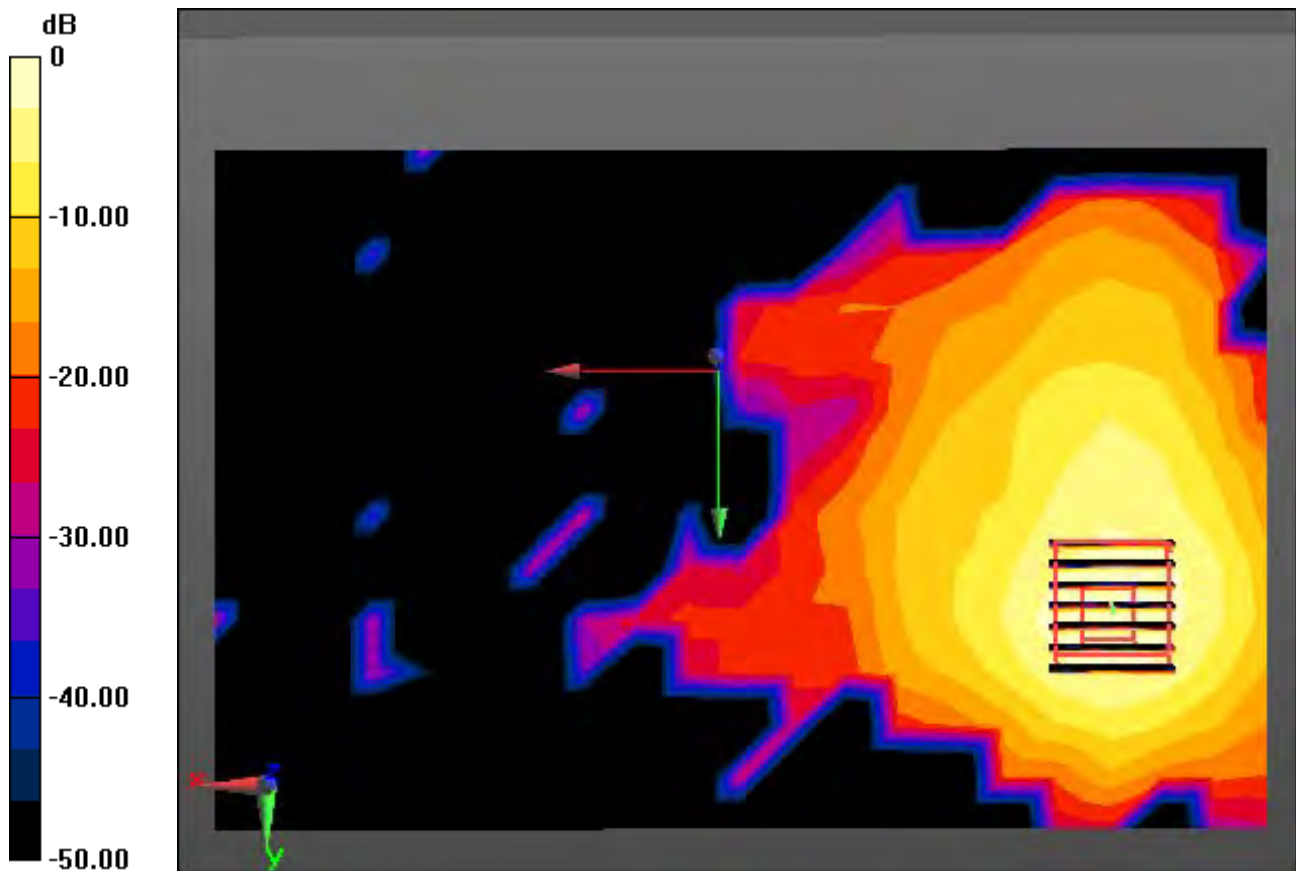
Area Scan (21x14x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.127 W/kg



0 dB = 0.657 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.297$ S/m; $\epsilon_r = 47.747$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. 1

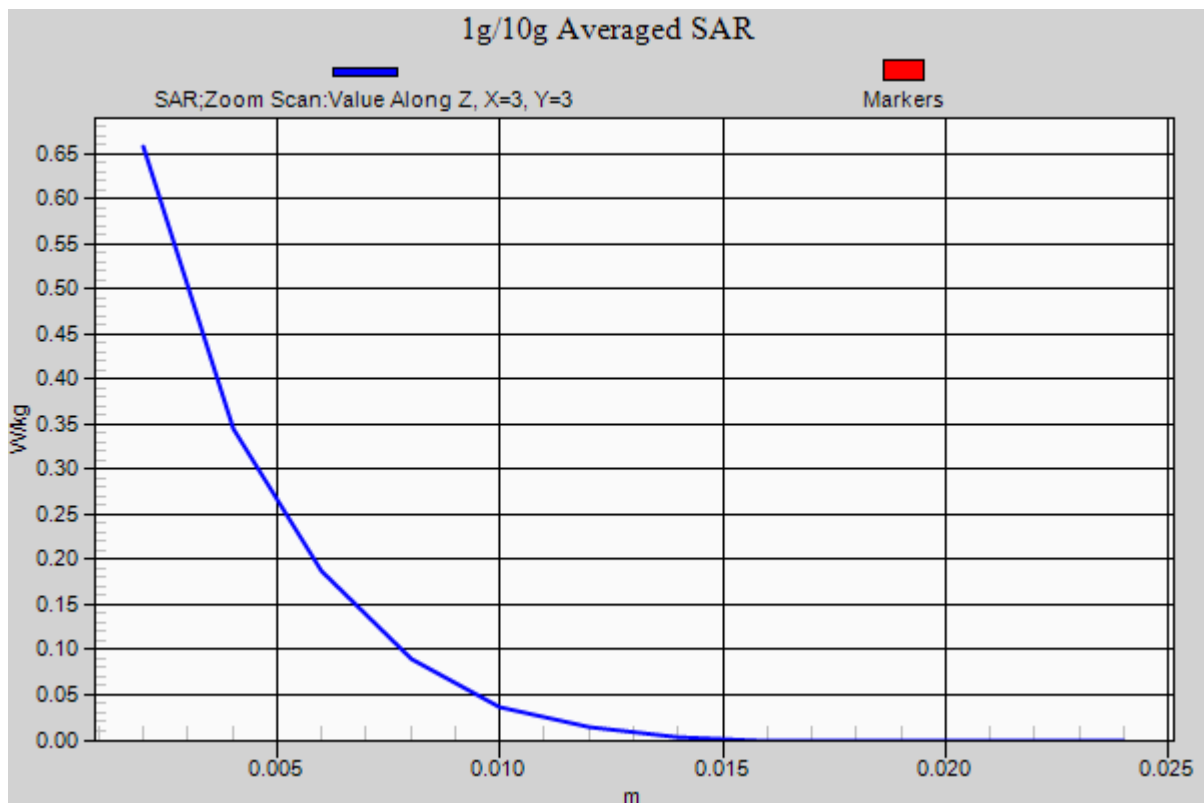
Area Scan (21x14x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.127 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.297 \text{ S/m}$; $\epsilon_r = 47.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. 2

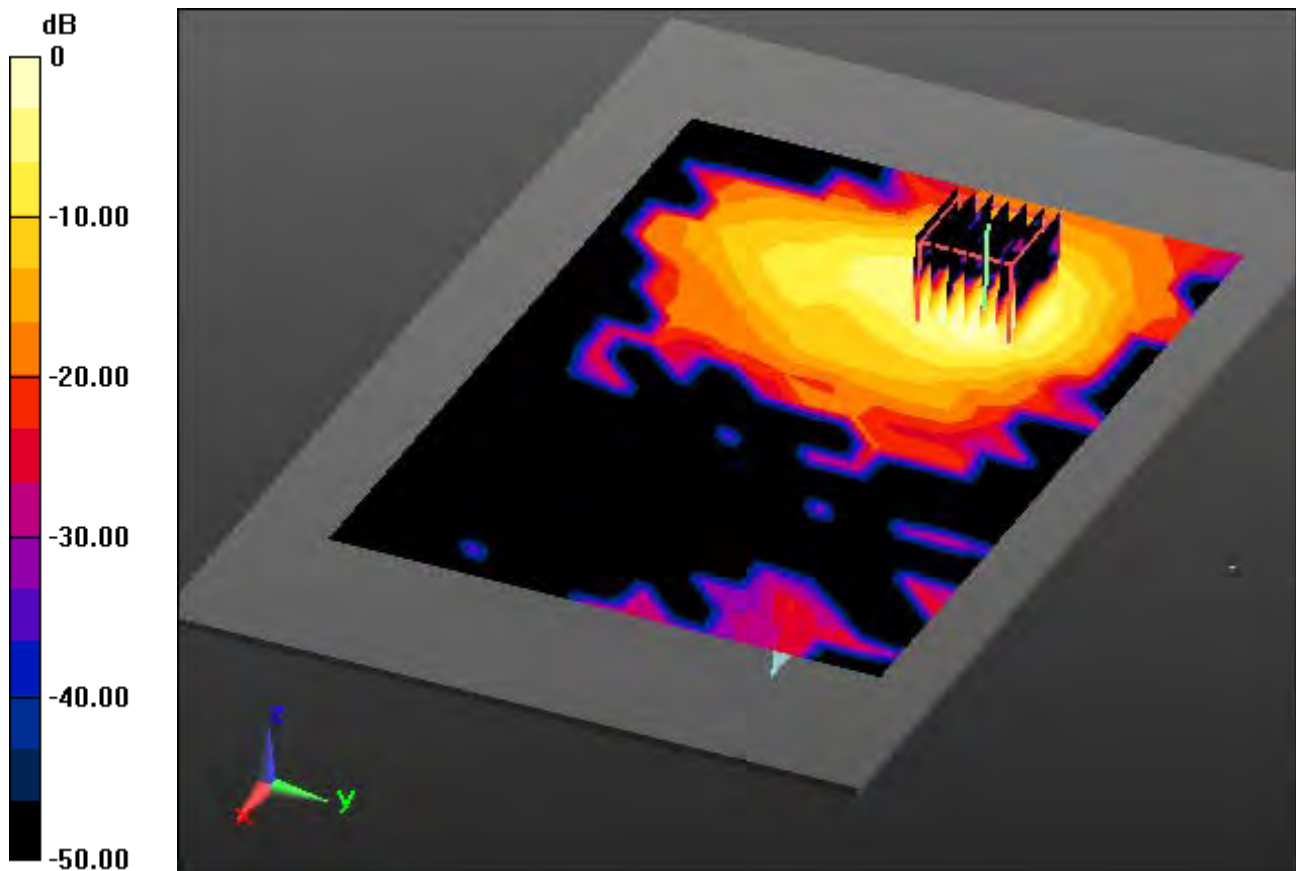
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.20 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.119 W/kg



0 dB = 0.627 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.297 \text{ S/m}$; $\epsilon_r = 47.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. 2

With Enlarge Plot image

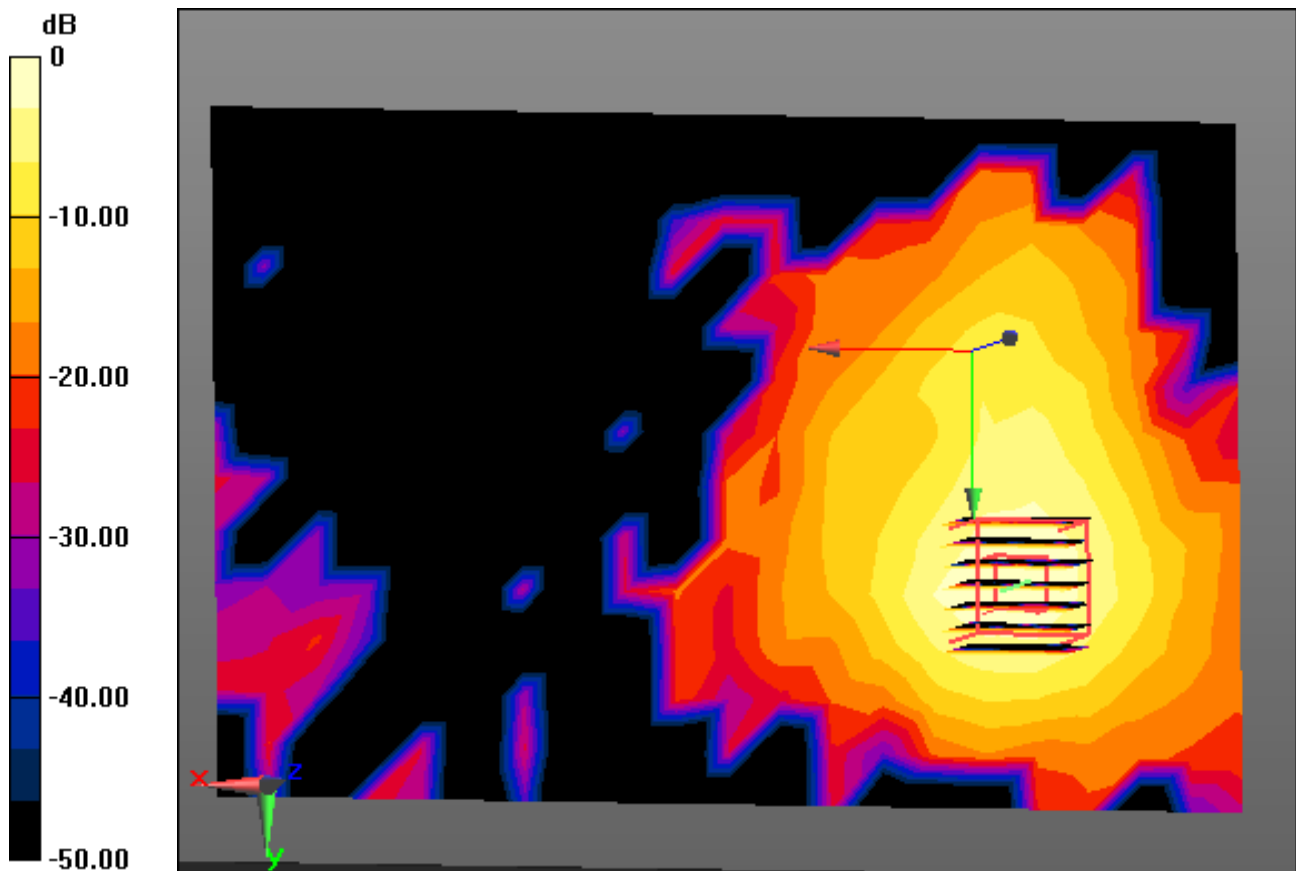
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.20 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.119 W/kg



0 dB = 0.627 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.297 \text{ S/m}$; $\epsilon_r = 47.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. 2

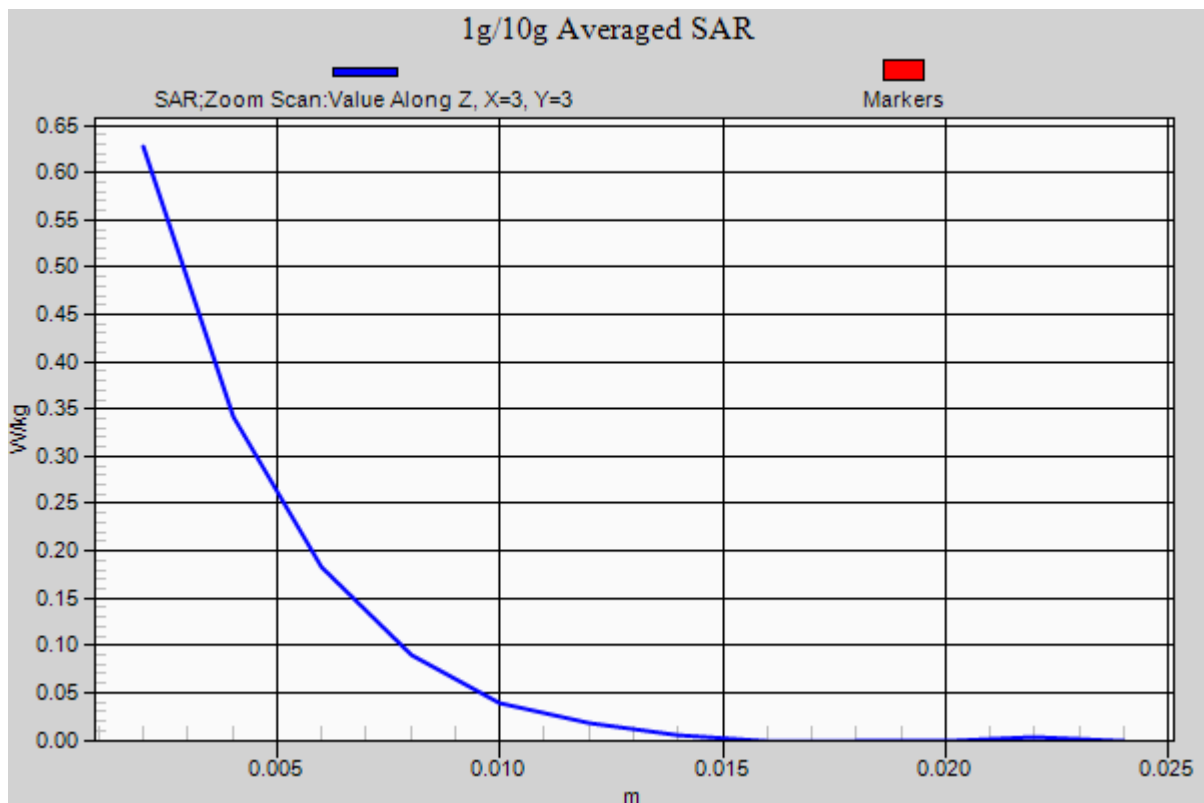
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 1.20 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.119 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.297 \text{ S/m}$; $\epsilon_r = 47.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. MIMO

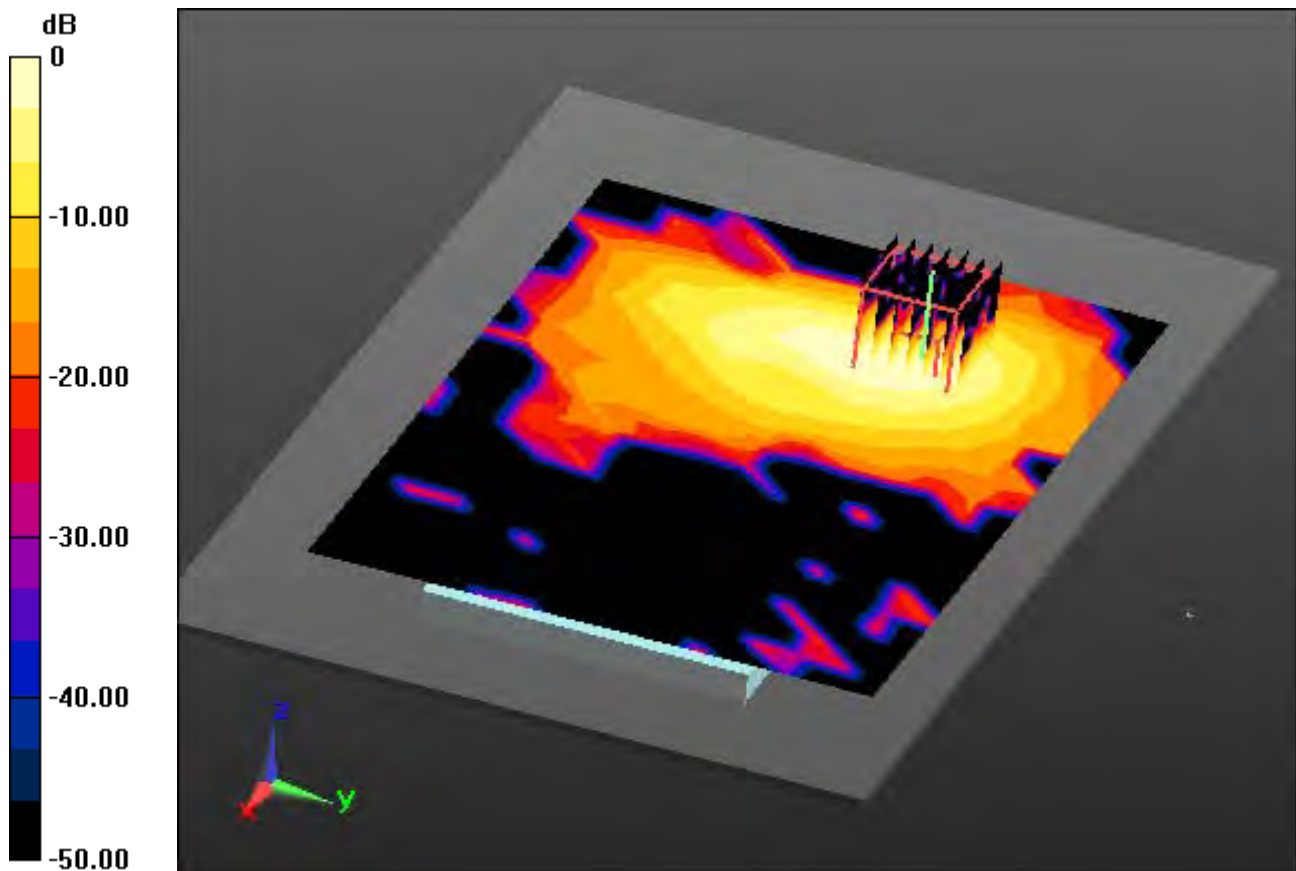
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.096 W/kg



0 dB = 0.523 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.297 \text{ S/m}$; $\epsilon_r = 47.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. MIMO

With Enlarge Plot image

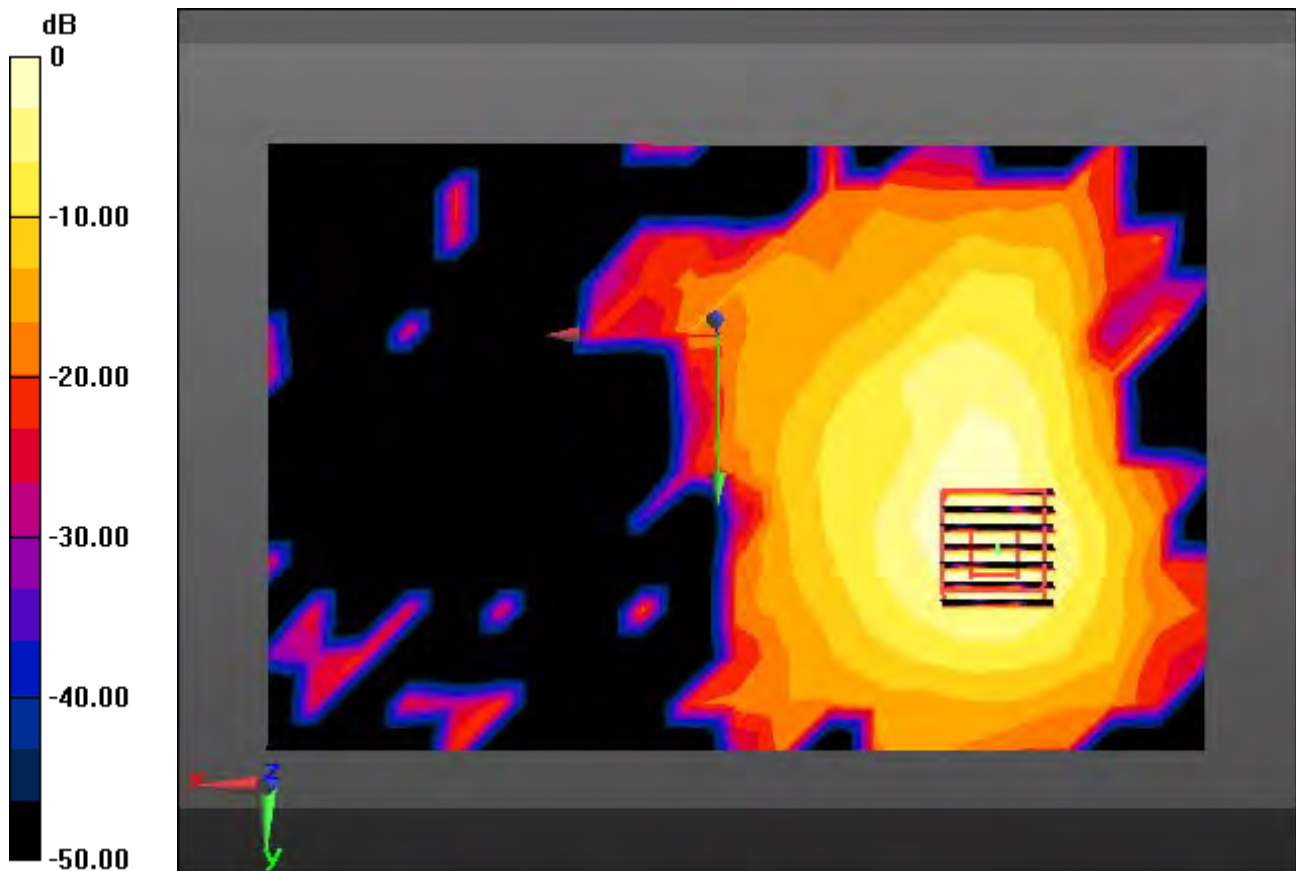
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.096 W/kg



0 dB = 0.523 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.297 \text{ S/m}$; $\epsilon_r = 47.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-07-11; Ambient Temp: 21.8; Tissue Temp: 22.0

1 cm space from Body, Rear, W-LAN(5.2G 802.11a) Ch. 40 Ant. MIMO

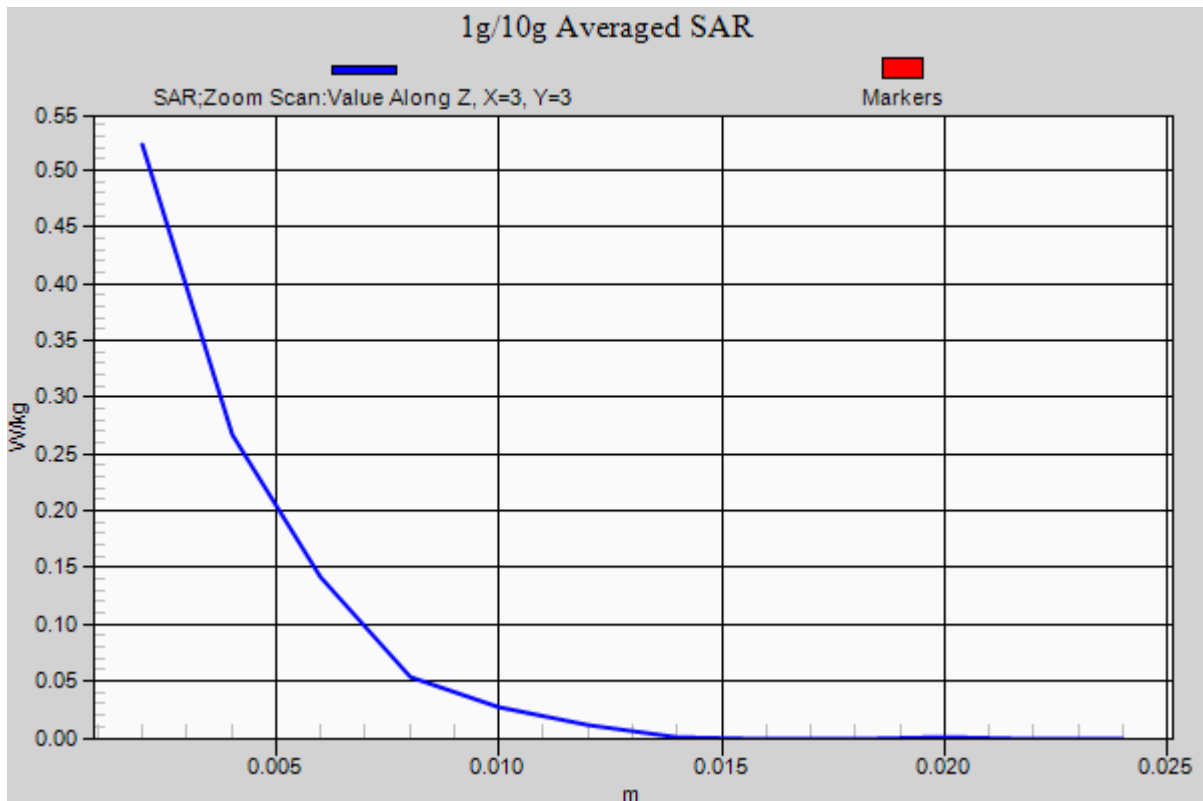
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.096 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.496 \text{ S/m}$; $\epsilon_r = 47.976$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. 1

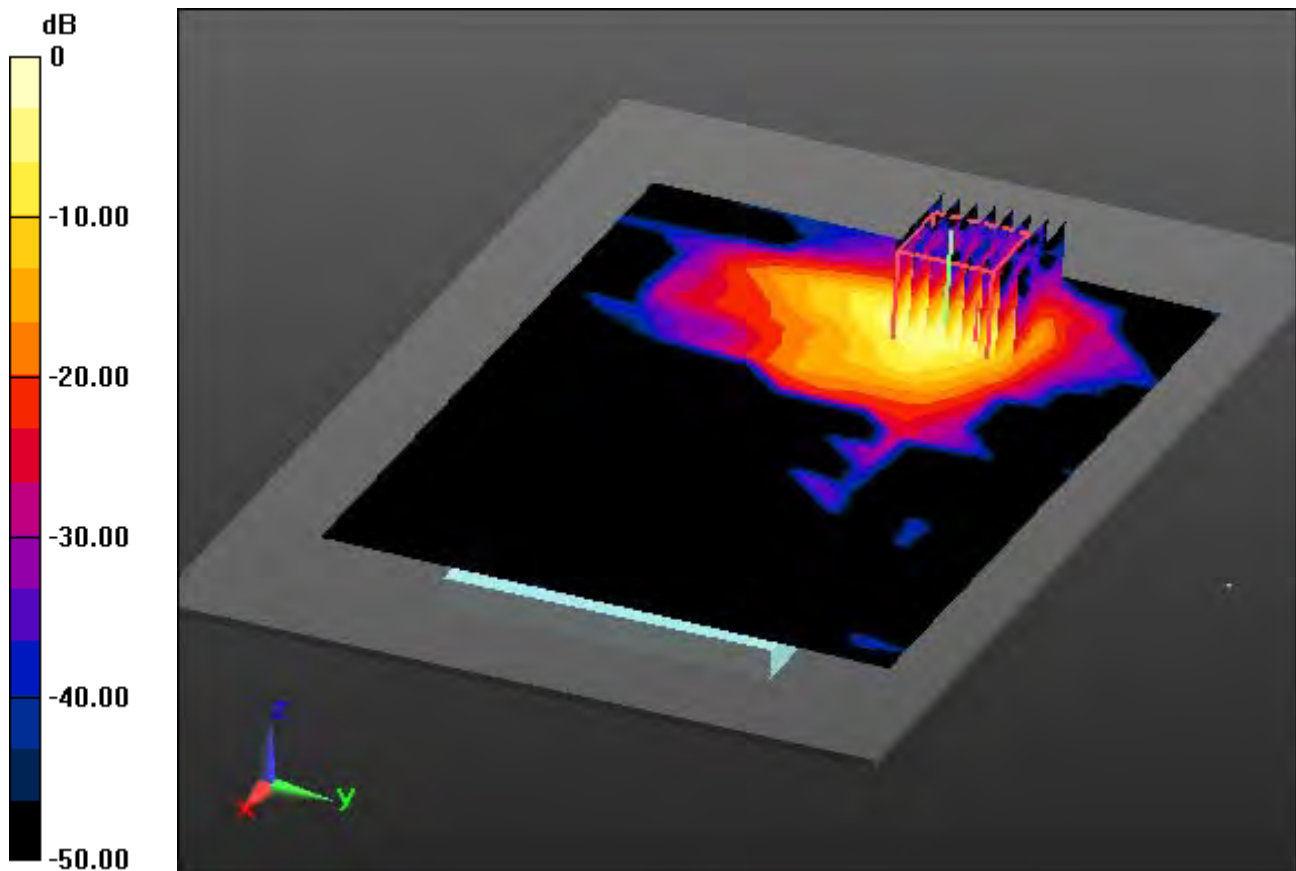
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 24.3 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.16 W/kg



0 dB = 11.9 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.496 \text{ S/m}$; $\epsilon_r = 47.976$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. 1

With Enlarge Plot image

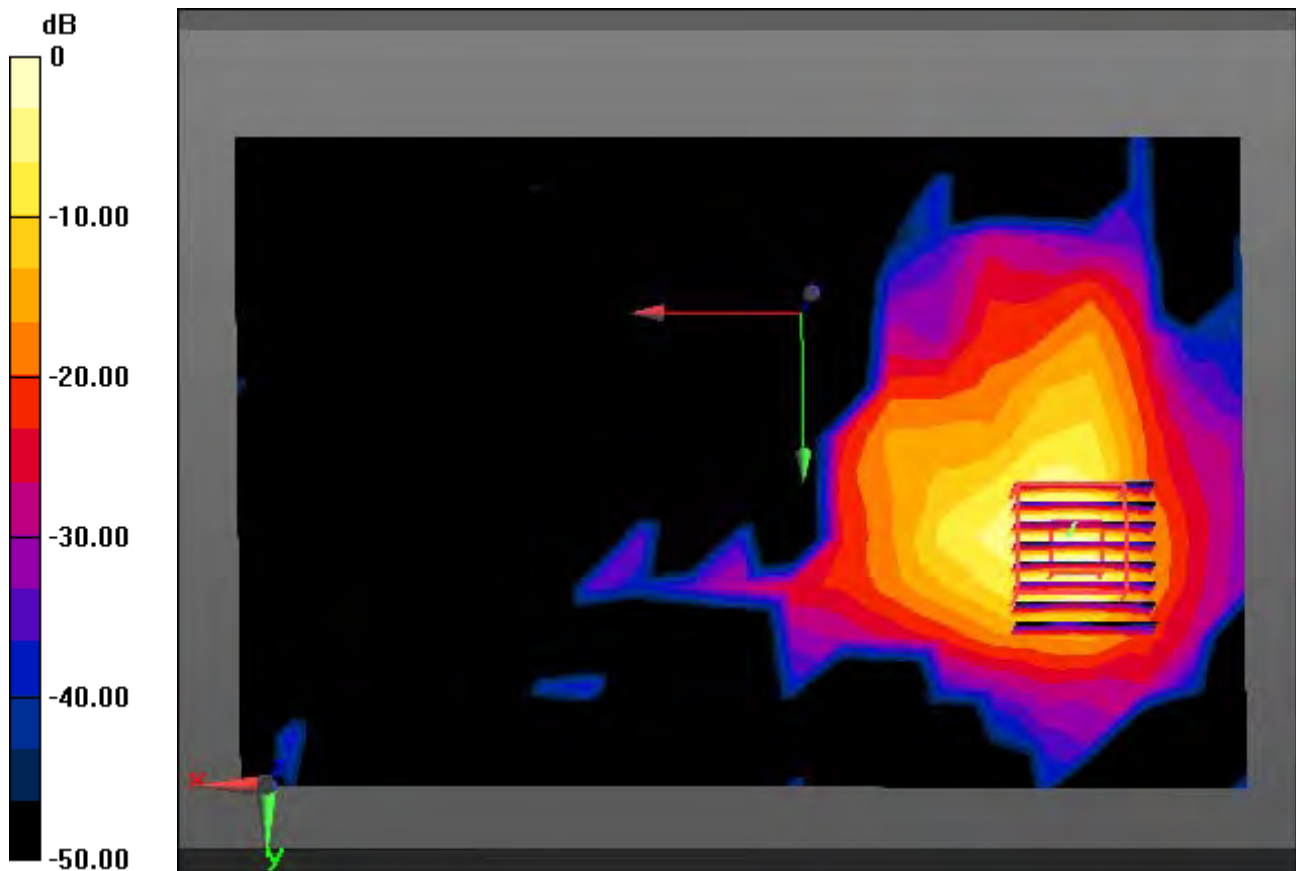
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 24.3 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.16 W/kg



0 dB = 11.9 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.496 \text{ S/m}$; $\epsilon_r = 47.976$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. 1

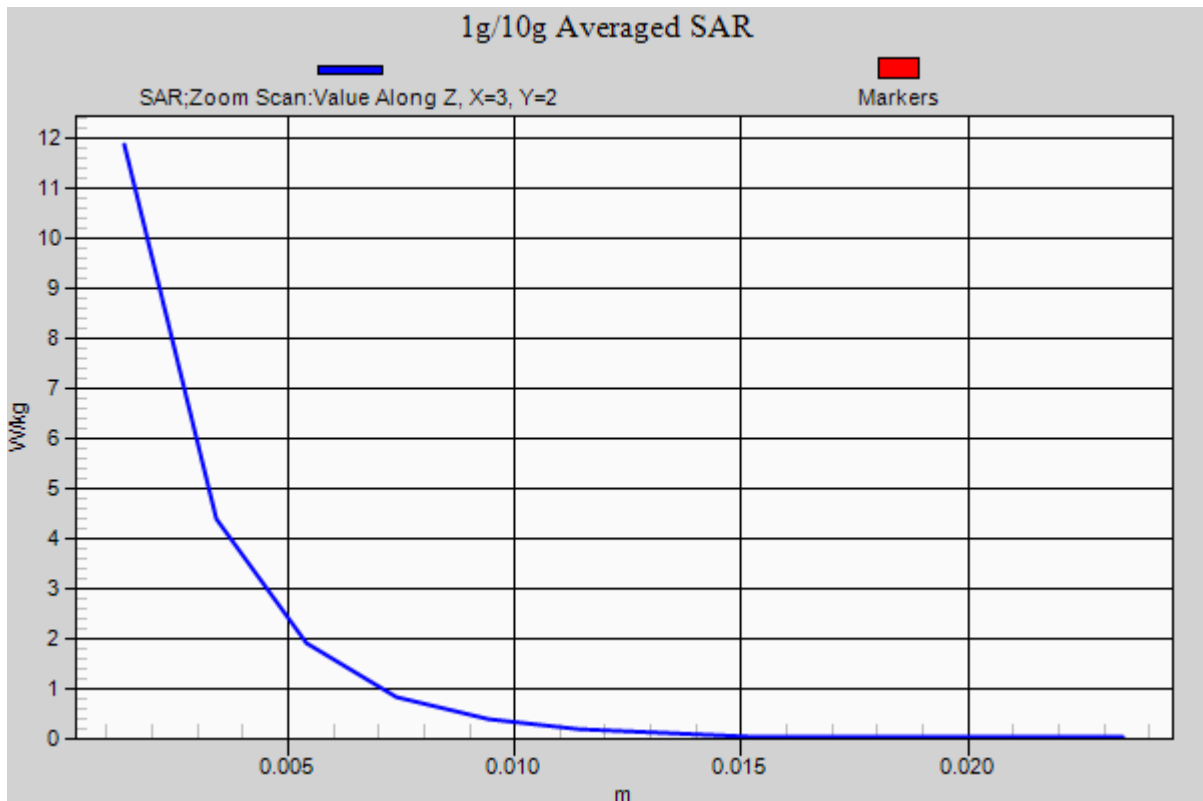
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 24.3 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.16 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.522 \text{ S/m}$; $\epsilon_r = 47.937$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 60 Ant. 2

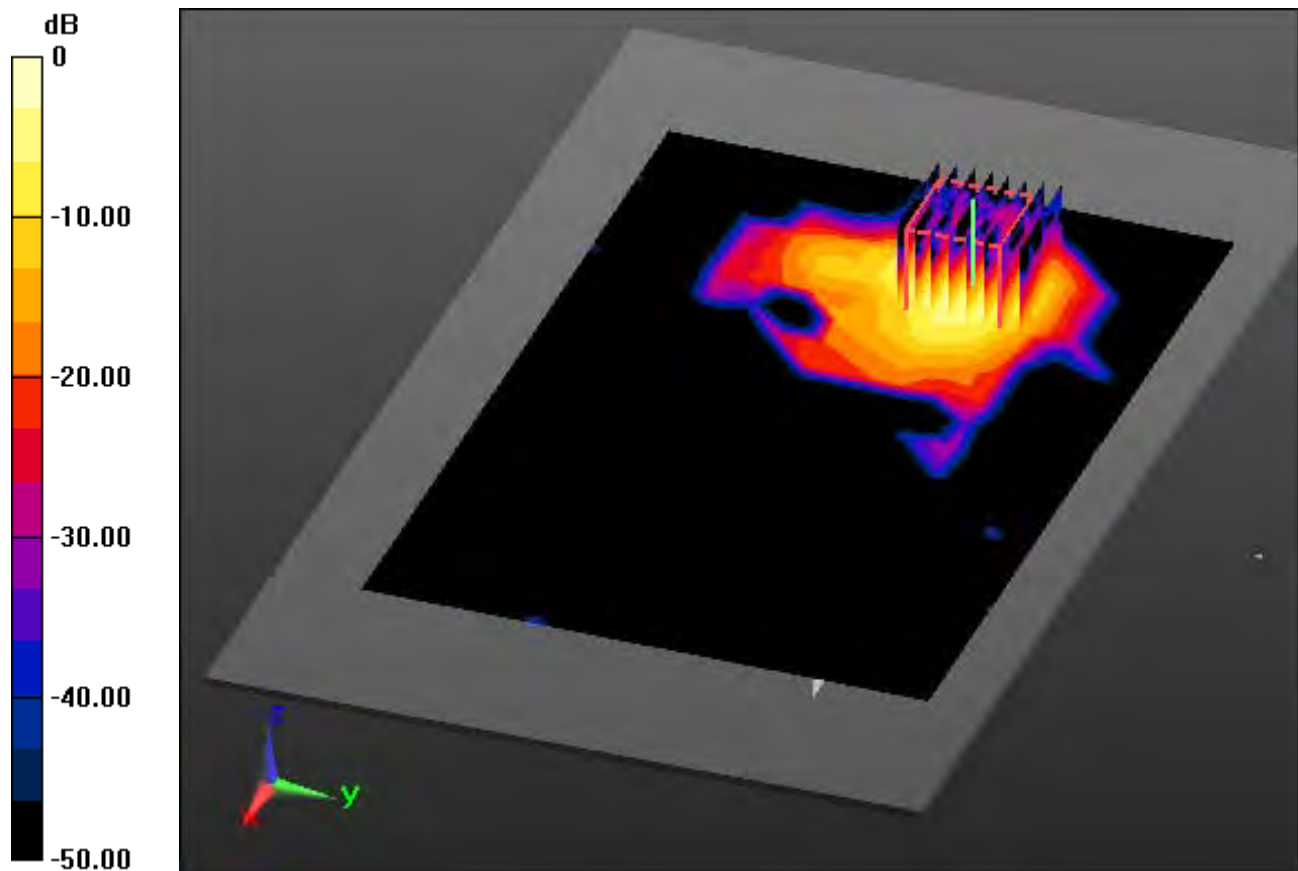
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 0.669 W/kg



0 dB = 6.64 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.522 \text{ S/m}$; $\epsilon_r = 47.937$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 60 Ant. 2

With Enlarge Plot image

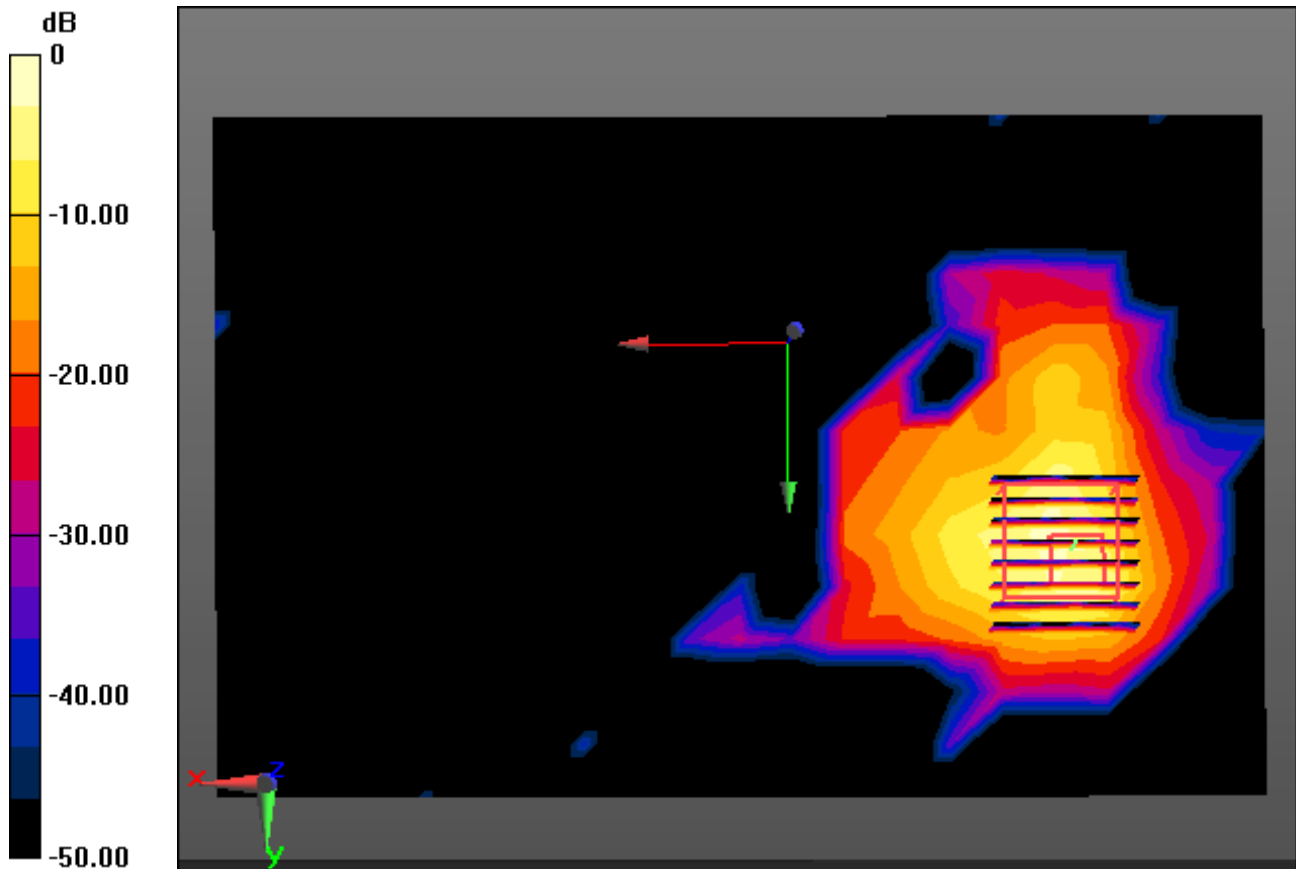
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 0.669 W/kg



0 dB = 6.64 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.522$ S/m; $\epsilon_r = 47.937$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 60 Ant. 2

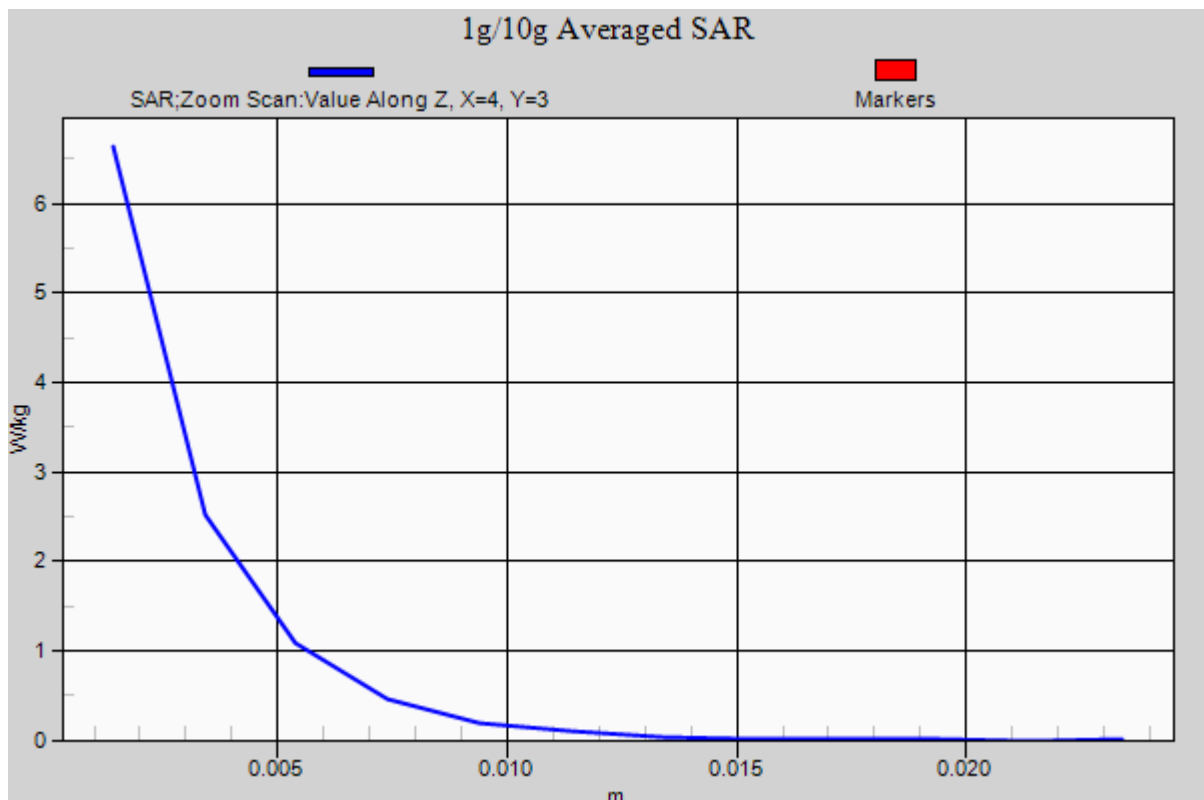
Area Scan (21x14x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 0.669 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.496 \text{ S/m}$; $\epsilon_r = 47.976$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. MIMO

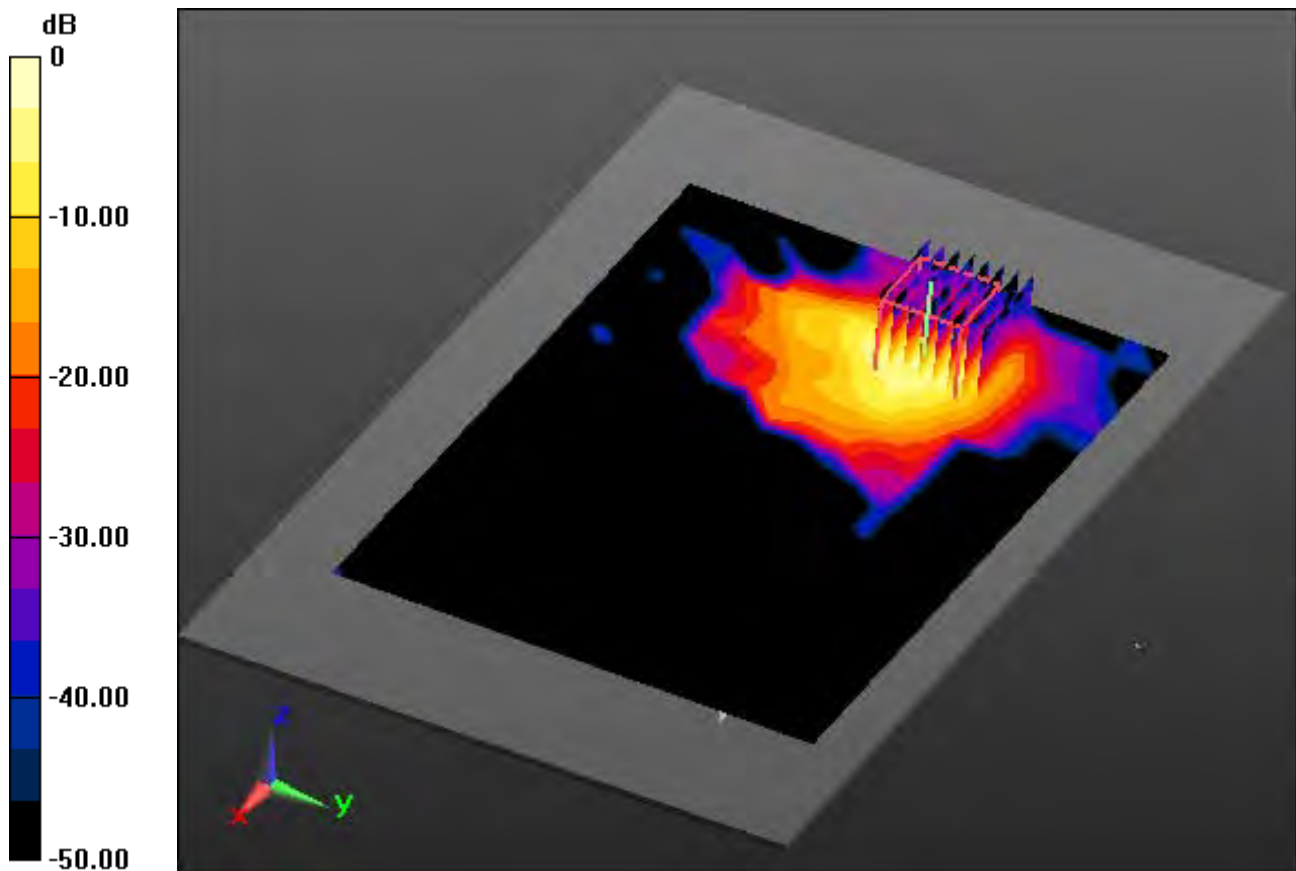
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 2.92 W/kg; SAR(10 g) = 0.881 W/kg



0 dB = 8.92 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.496 \text{ S/m}$; $\epsilon_r = 47.976$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. MIMO

With Enlarge Plot image

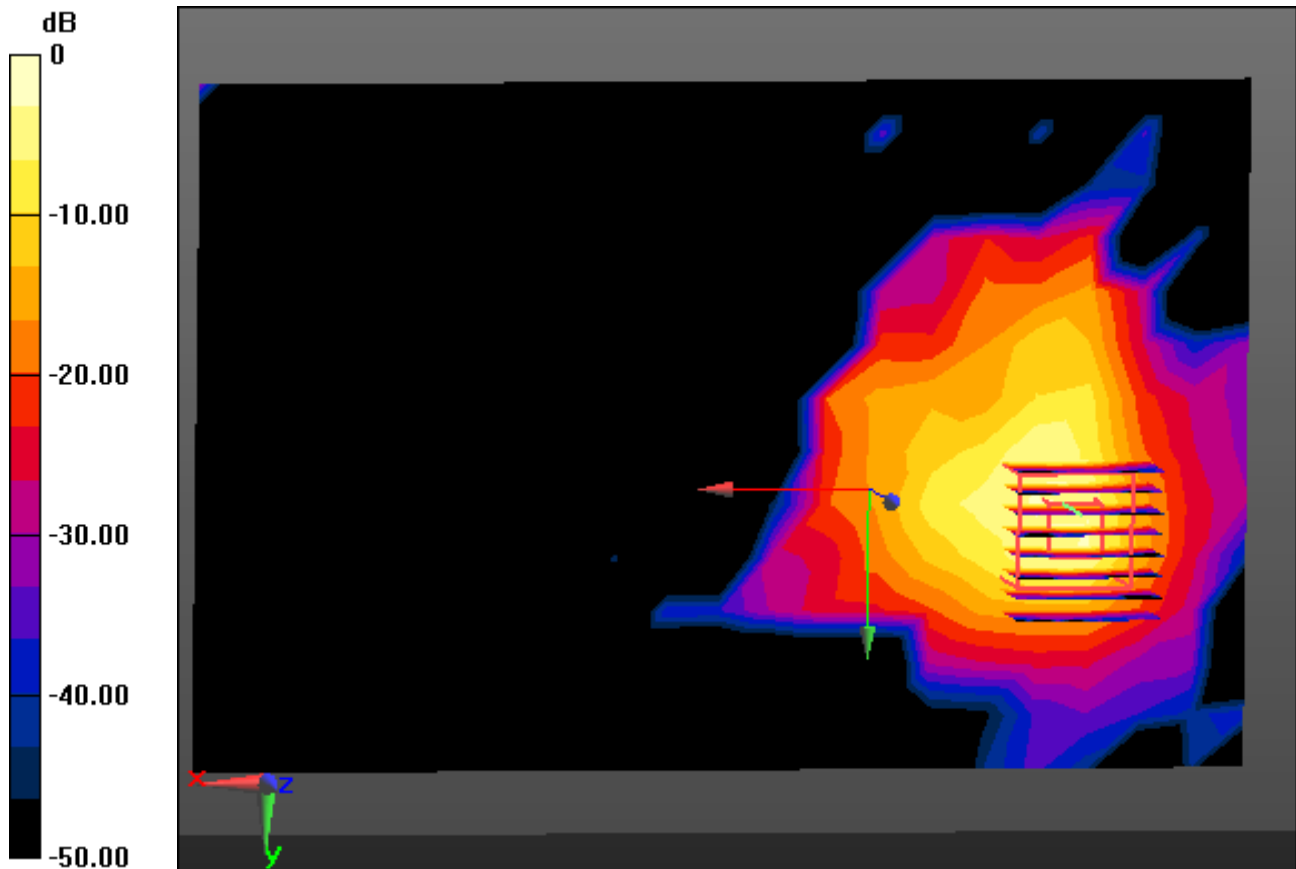
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 2.92 W/kg; SAR(10 g) = 0.881 W/kg



0 dB = 8.92 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.496 \text{ S/m}$; $\epsilon_r = 47.976$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-16; Ambient Temp: 21.2; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 56 Ant. MIMO

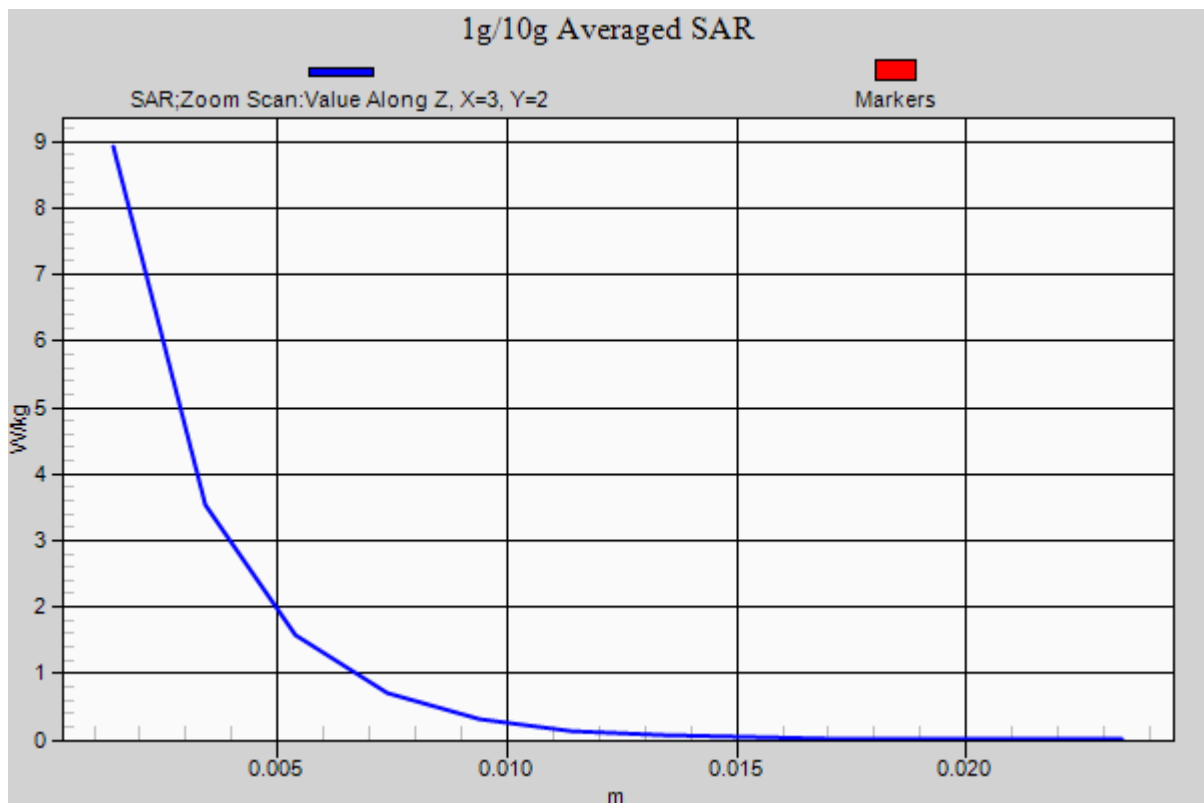
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 2.92 W/kg; SAR(10 g) = 0.881 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5500 (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.997 \text{ S/m}$; $\epsilon_r = 47.419$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 132 Ant. 1

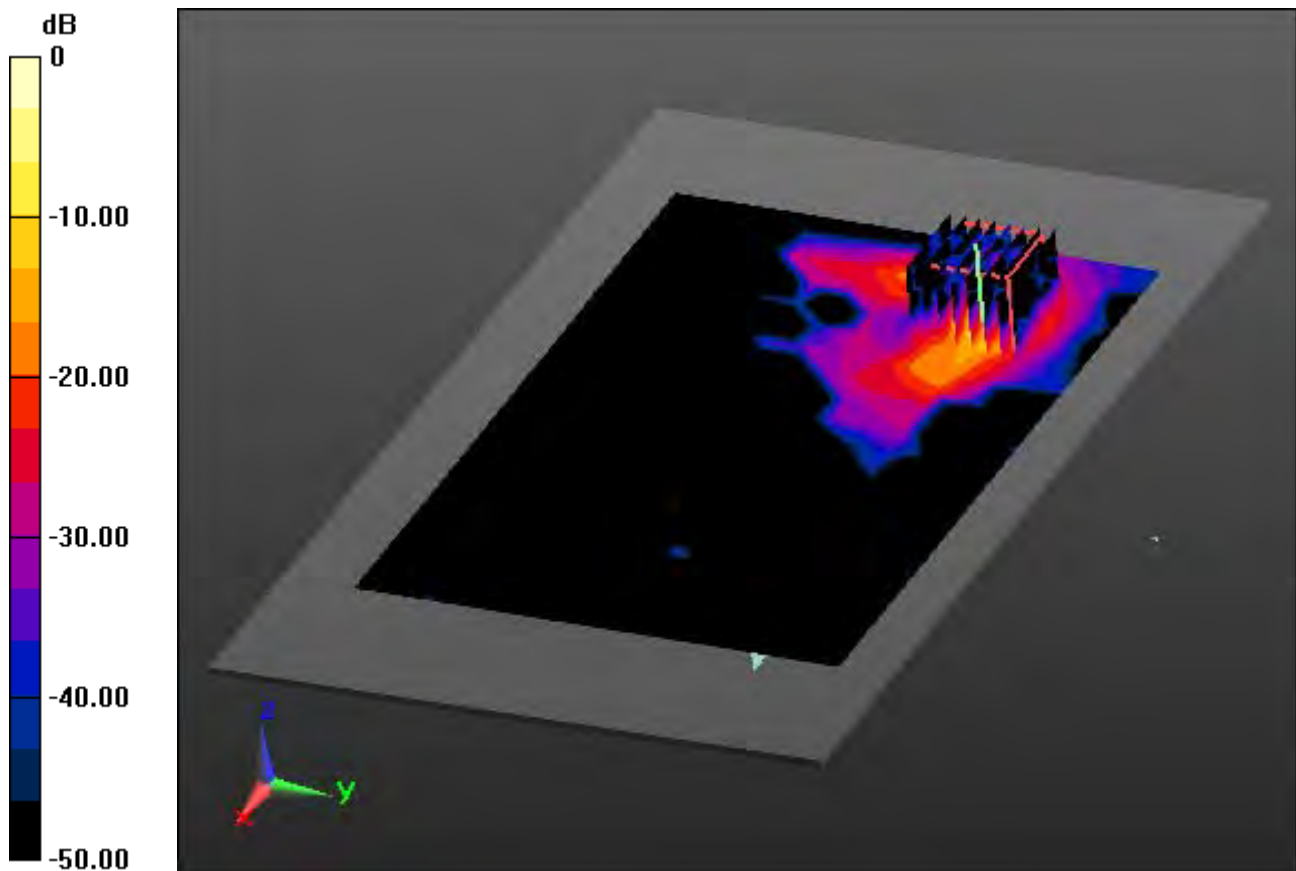
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 72.1 W/kg

SAR(1 g) = 7.44 W/kg; SAR(10 g) = 1.24 W/kg



0 dB = 34.8 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5500 (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660$ MHz; $\sigma = 5.997$ S/m; $\epsilon_r = 47.419$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 132 Ant. 1

With Enlarge Plot image

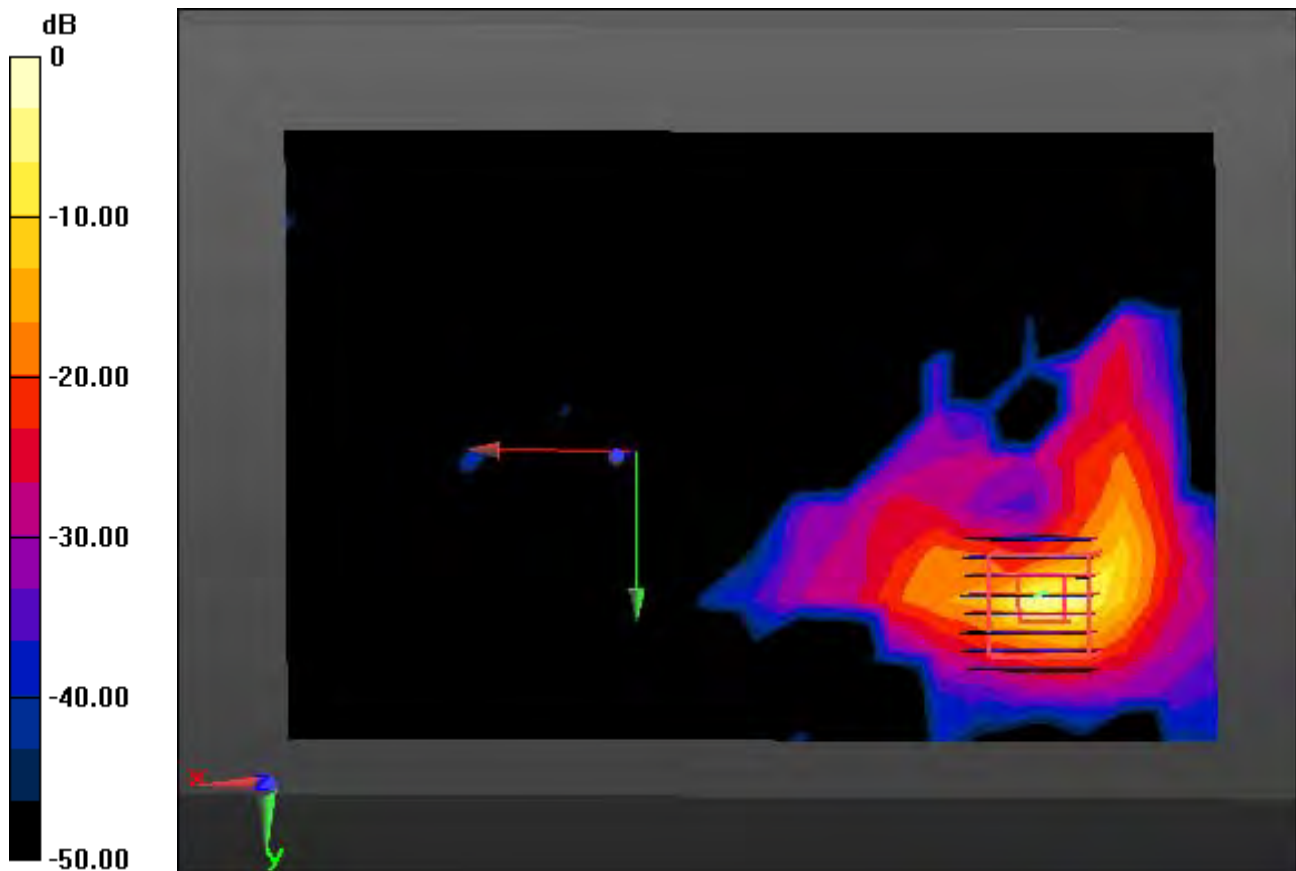
Area Scan (21x14x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 72.1 W/kg

SAR(1 g) = 7.44 W/kg; SAR(10 g) = 1.24 W/kg



0 dB = 34.8 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

Communication System: UID 0, W-LAN_5500 (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660$ MHz; $\sigma = 5.997$ S/m; $\epsilon_r = 47.419$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 132 Ant. 1

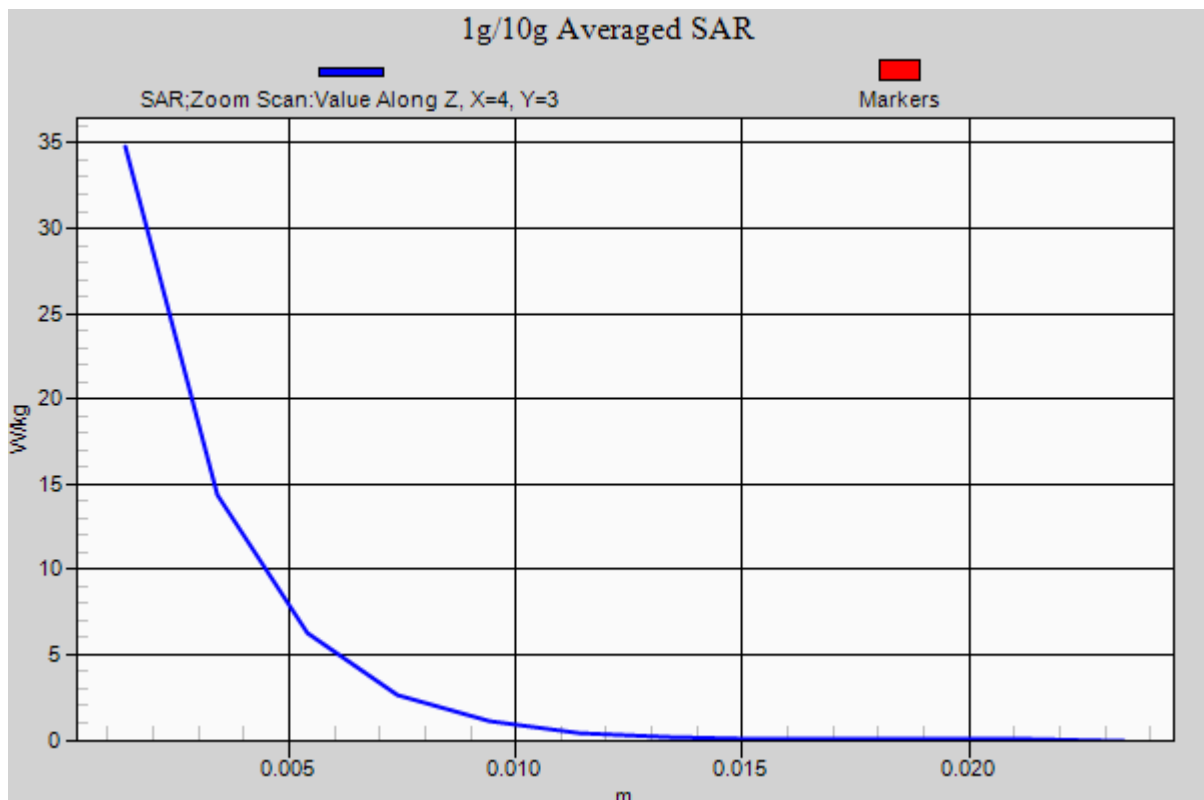
Area Scan (21x14x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 72.1 W/kg

SAR(1 g) = 7.44 W/kg; SAR(10 g) = 1.24 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 47.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 116 Ant. 2

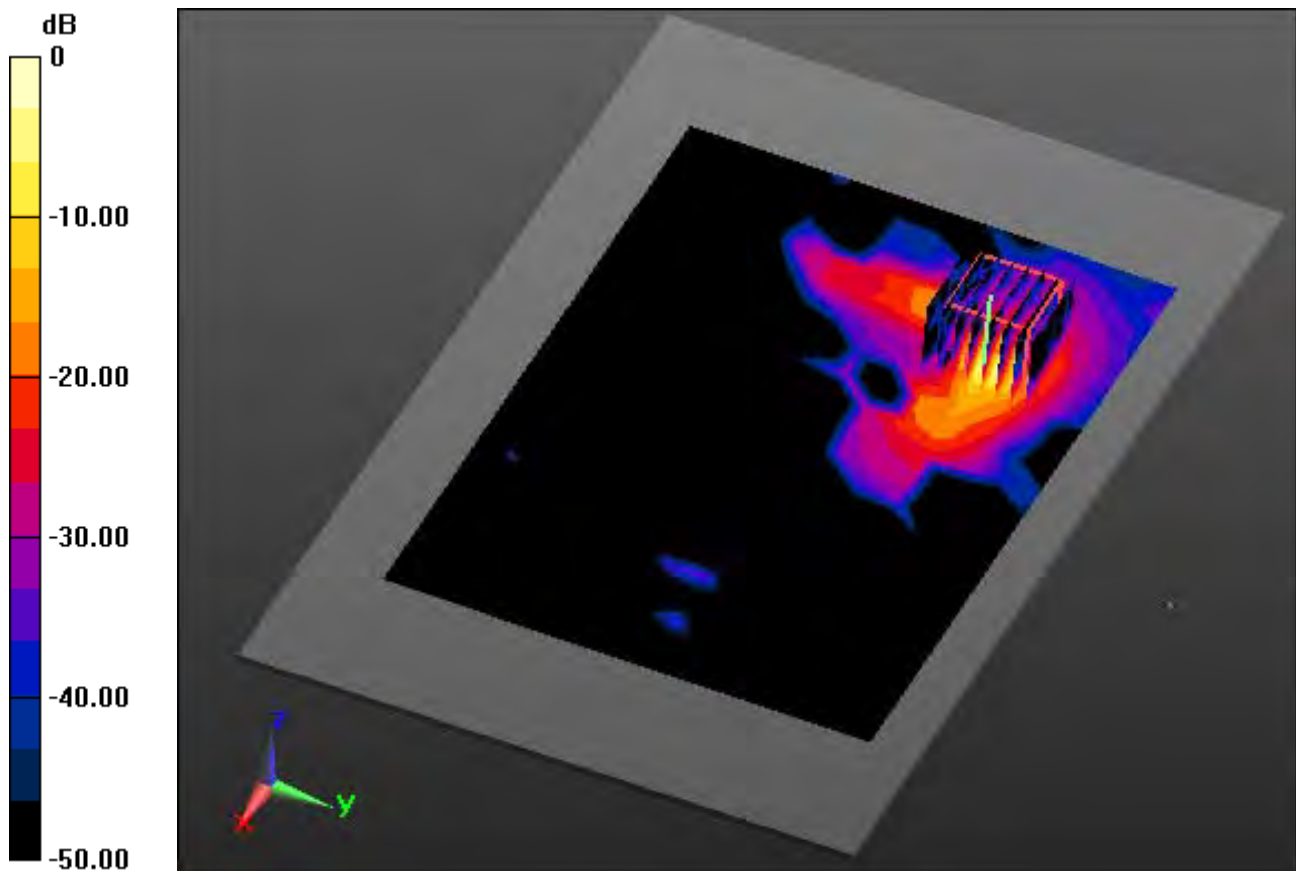
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 70.8 W/kg

SAR(1 g) = 6.97 W/kg; SAR(10 g) = 1.16 W/kg



0 dB = 27.0 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 47.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 116 Ant. 2

With Enlarge Plot image

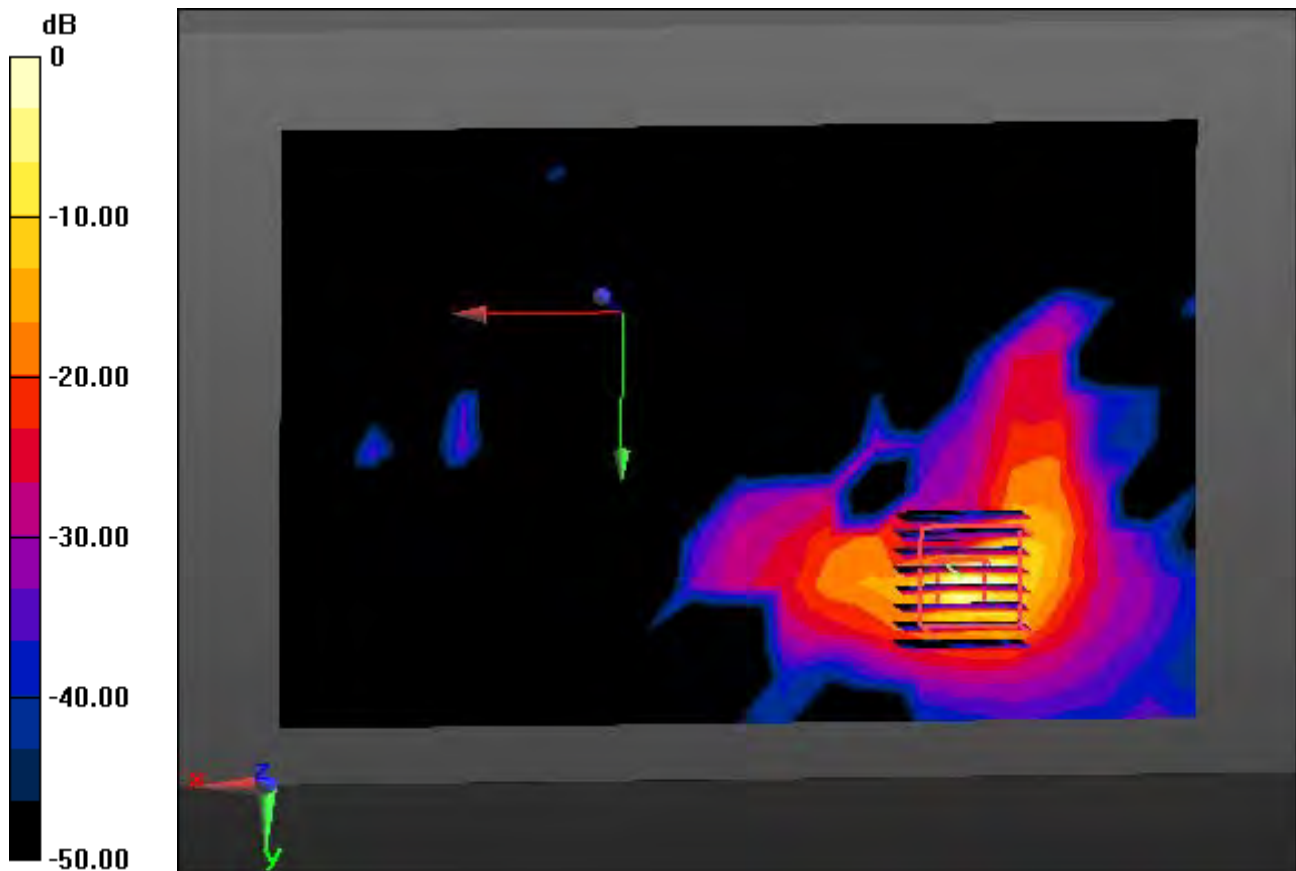
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 70.8 W/kg

SAR(1 g) = 6.97 W/kg; SAR(10 g) = 1.16 W/kg



0 dB = 27.0 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 47.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 116 Ant. 2

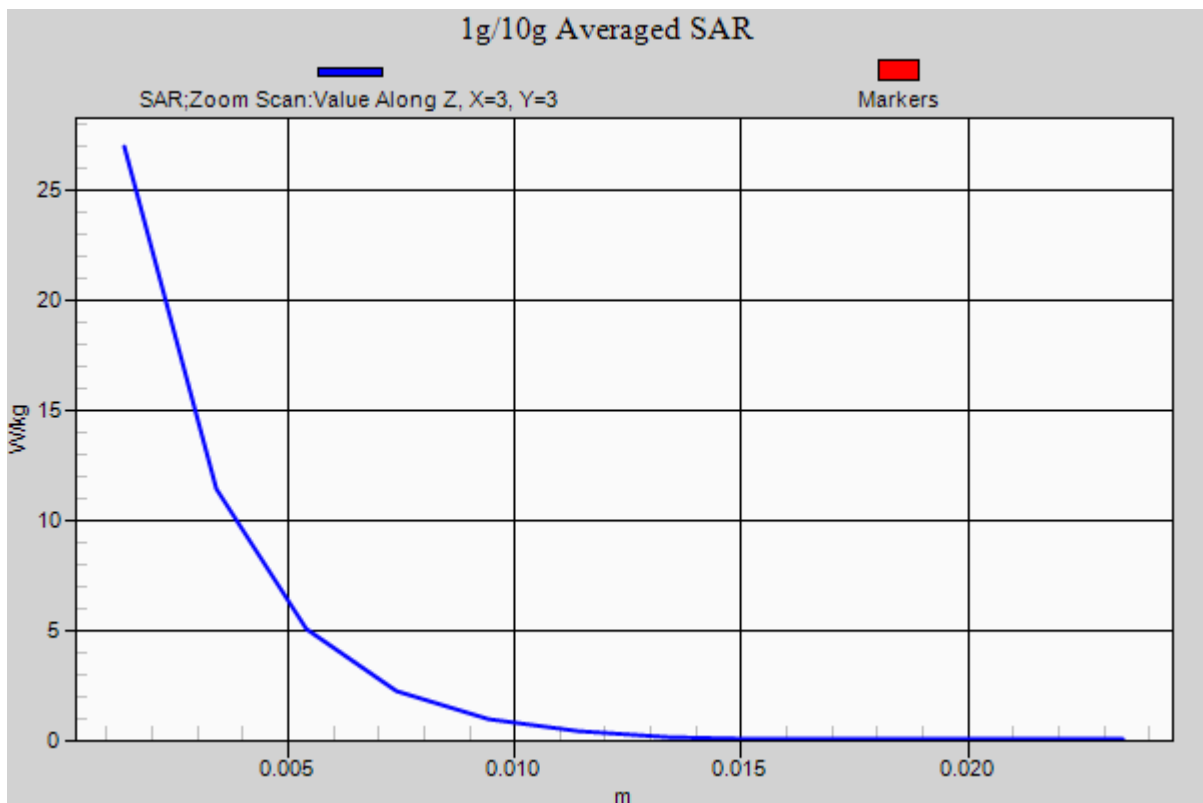
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 70.8 W/kg

SAR(1 g) = 6.97 W/kg; SAR(10 g) = 1.16 W/kg



DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 47.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

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

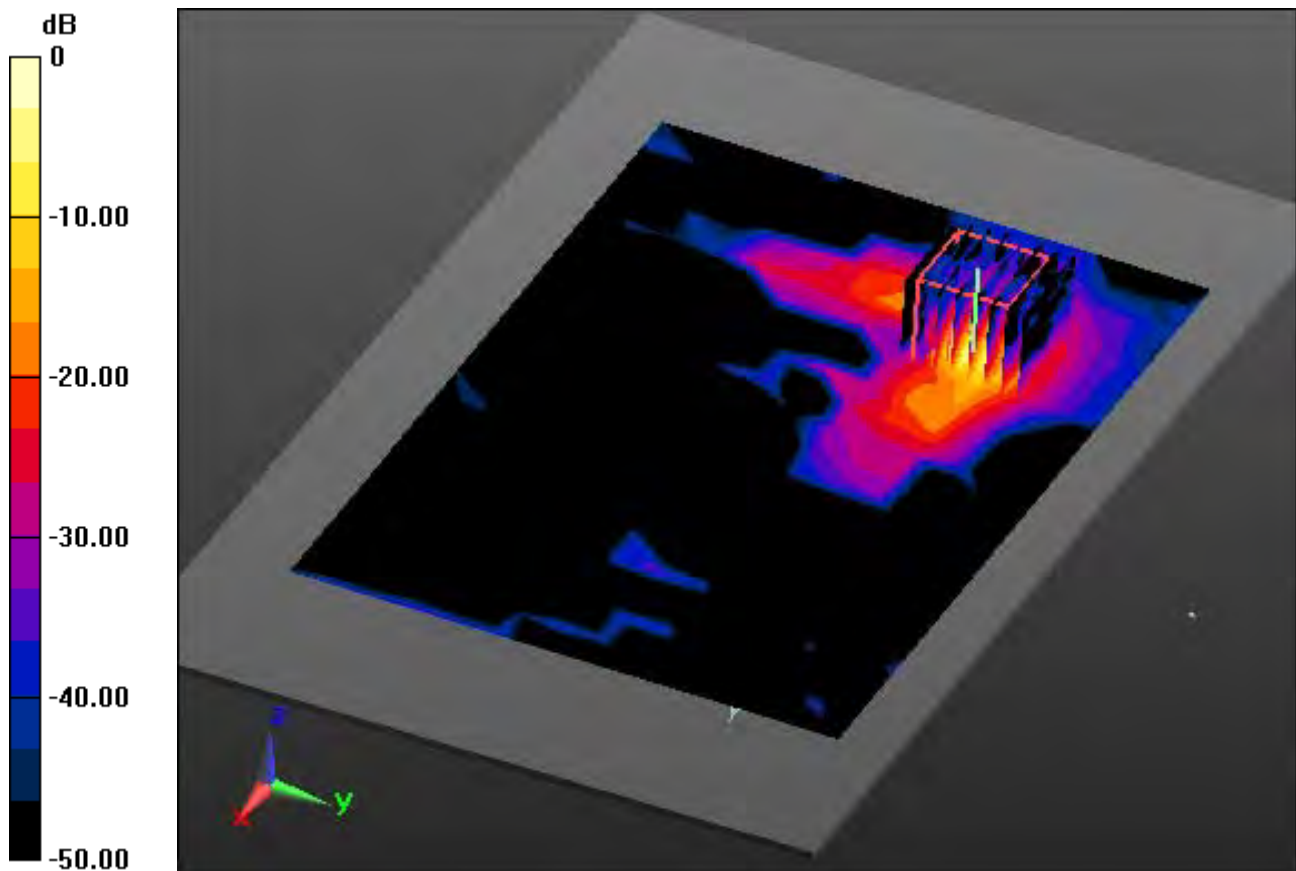
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 67.9 W/kg

SAR(1 g) = 7.03 W/kg; SAR(10 g) = 1.17 W/kg



0 dB = 32.4 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 47.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

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

With Enlarge Plot image

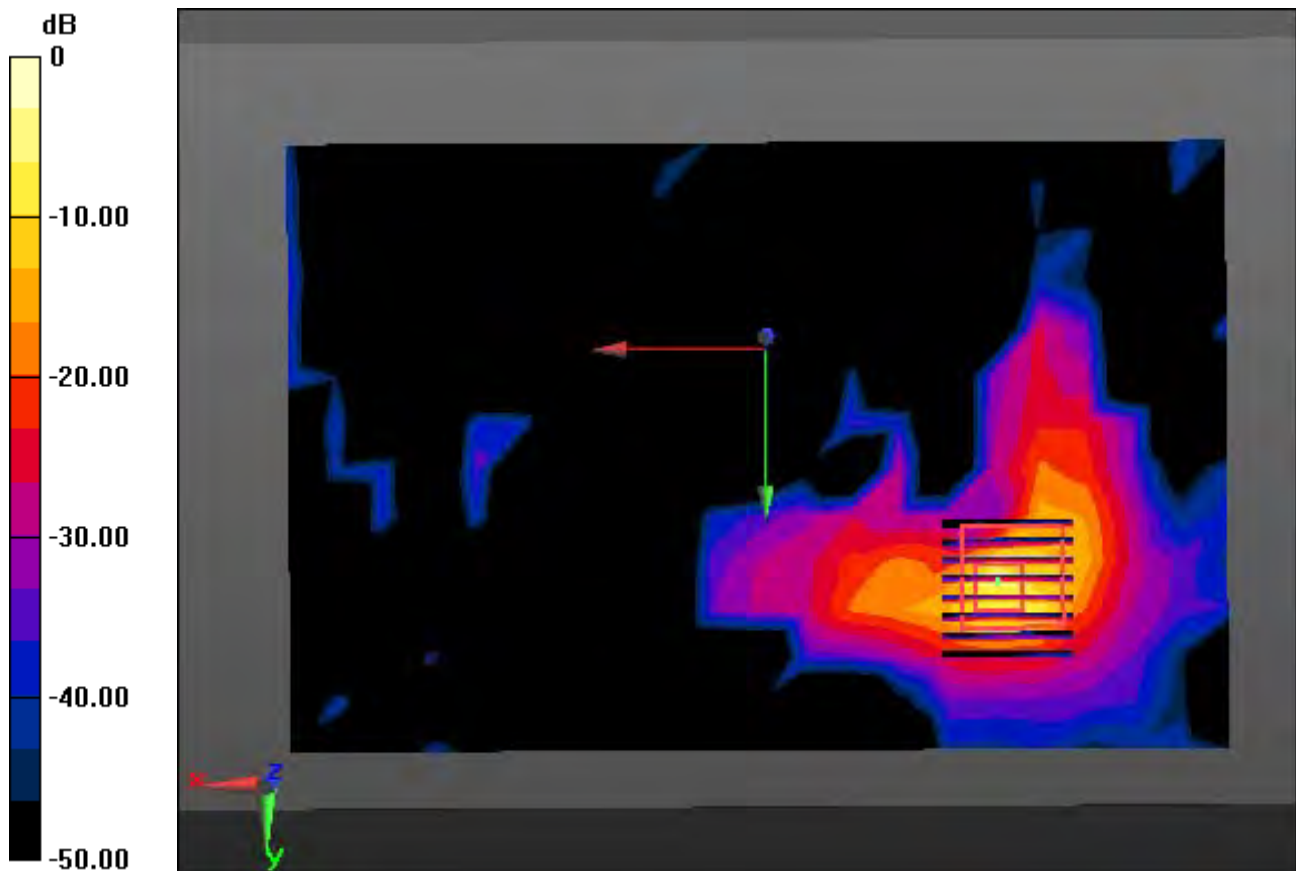
Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 67.9 W/kg

SAR(1 g) = 7.03 W/kg; SAR(10 g) = 1.17 W/kg



0 dB = 32.4 W/kg

DT&C Co., Ltd.

DUT: LG-H930; Type: Bar

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

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.879 \text{ S/m}$; $\epsilon_r = 47.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 2017-05-31; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2017-08-17; Ambient Temp: 21.5; Tissue Temp: 22.0

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

Area Scan (21x14x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 67.9 W/kg

SAR(1 g) = 7.03 W/kg; SAR(10 g) = 1.17 W/kg

