

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 42.237$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 21.4

835 MHz System Verification

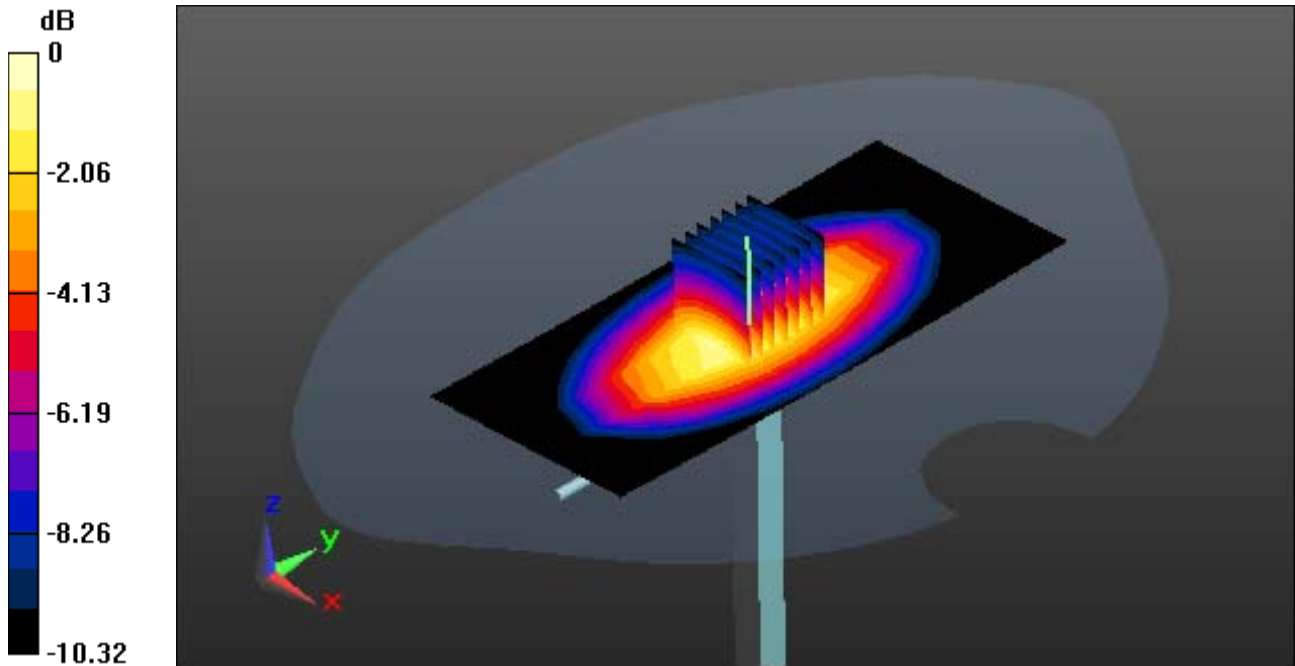
Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.57 W/kg



0 dB = 2.80 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: $f = 835 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 42.237$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 21.4

835 MHz System Verification

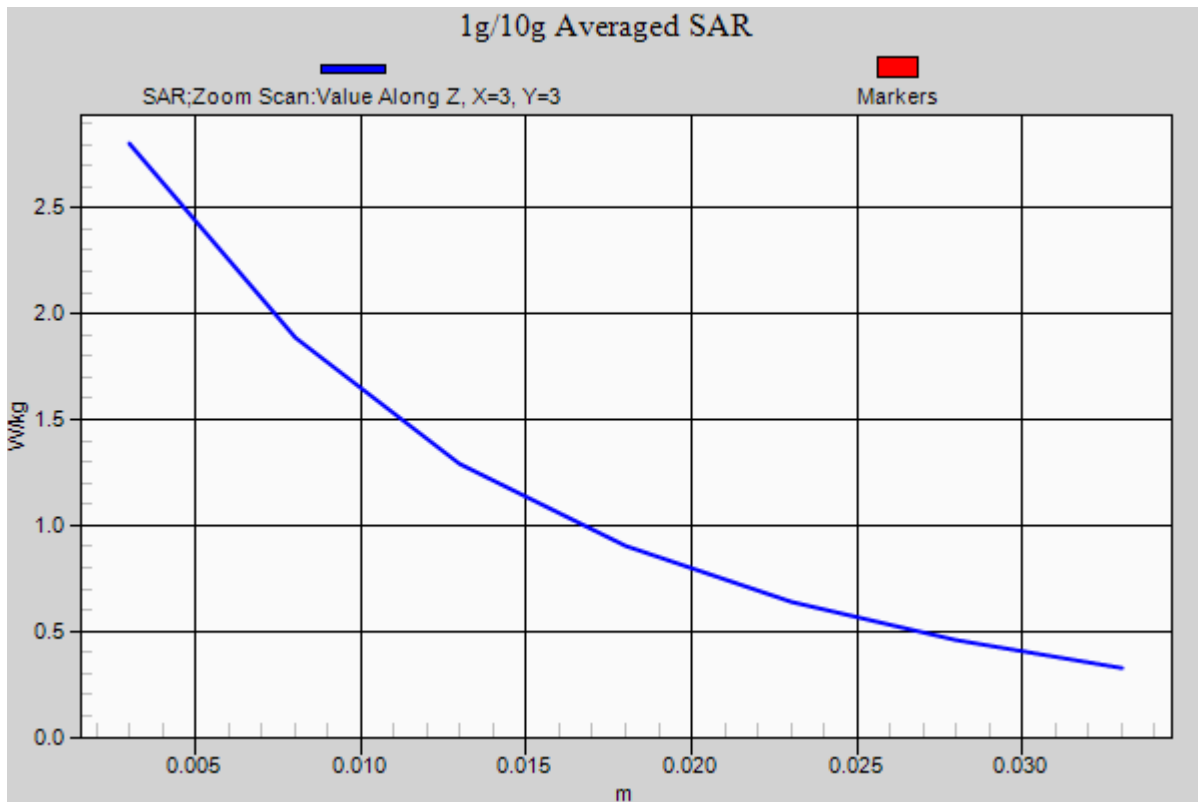
Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.57 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: $f = 835 \text{ MHz}$; $\sigma = 0.997 \text{ S/m}$; $\epsilon_r = 53.859$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 20.9

835 MHz System Verification

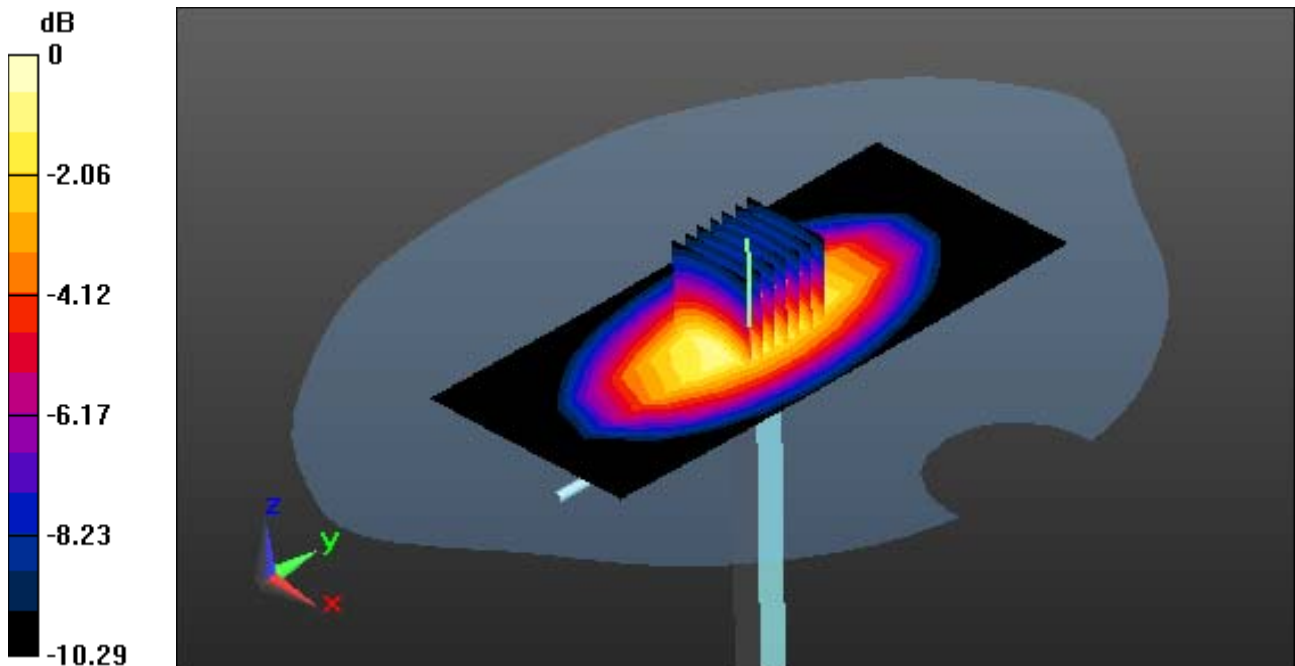
Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.89 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.66 W/kg



0 dB = 3.10 W/kg

DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 53.859$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 20.9

835 MHz System Verification

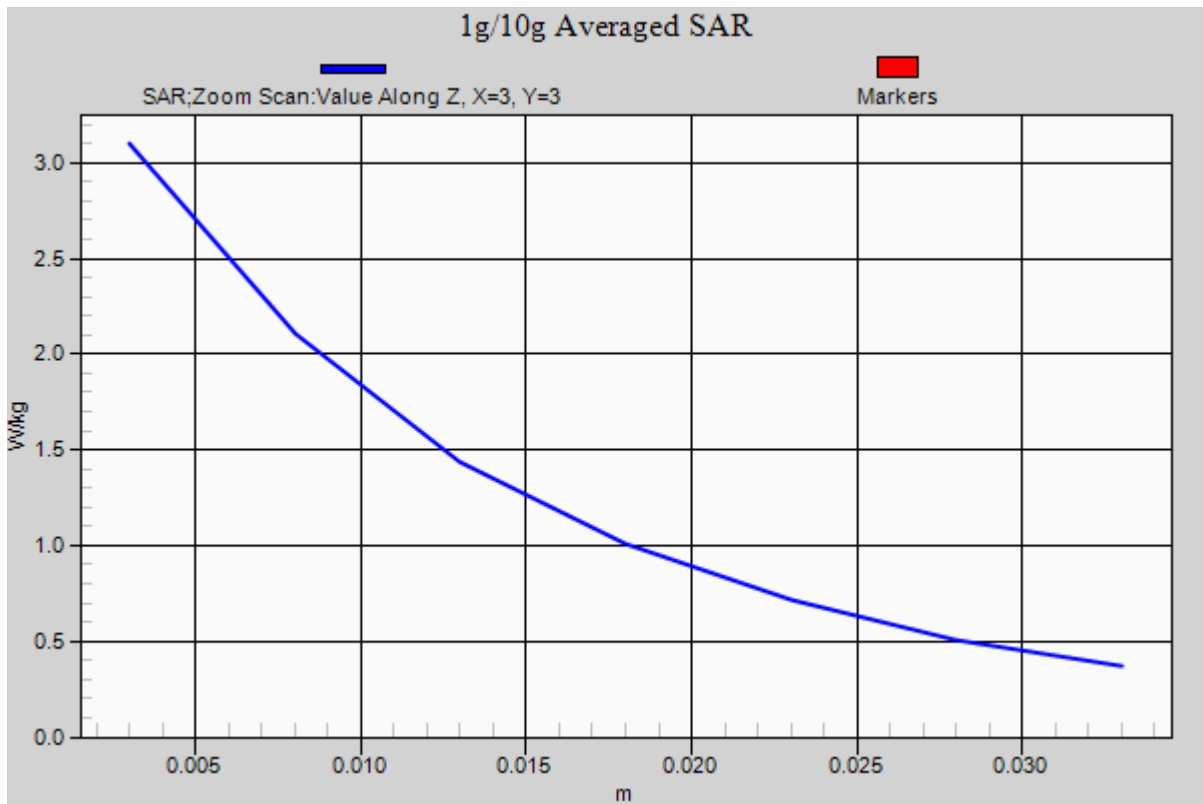
Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.66 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; $\sigma = 1.431$ S/m; $\epsilon_r = 40.603$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.35, 5.35, 5.35); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 21.2

1900 MHz System Verification

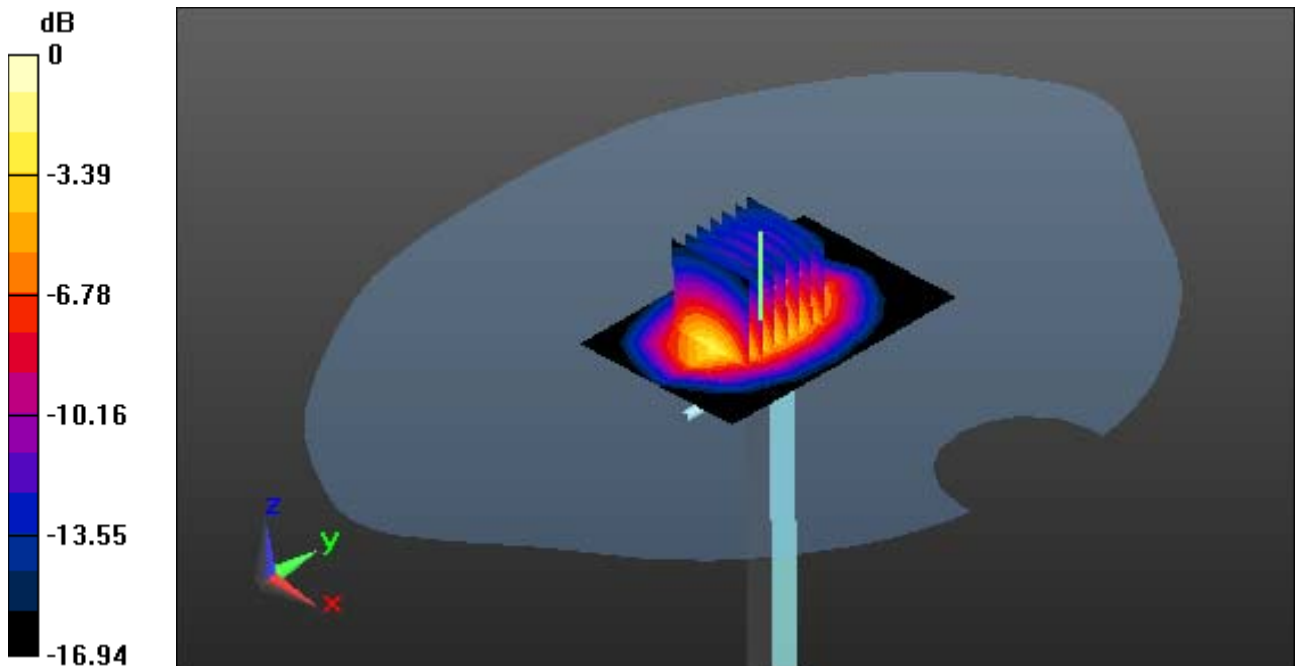
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.53 W/kg; SAR(10 g) = 5.01 W/kg



0 dB = 12.0 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; $\sigma = 1.431$ S/m; $\epsilon_r = 40.603$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.35, 5.35, 5.35); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 21.2

1900 MHz System Verification

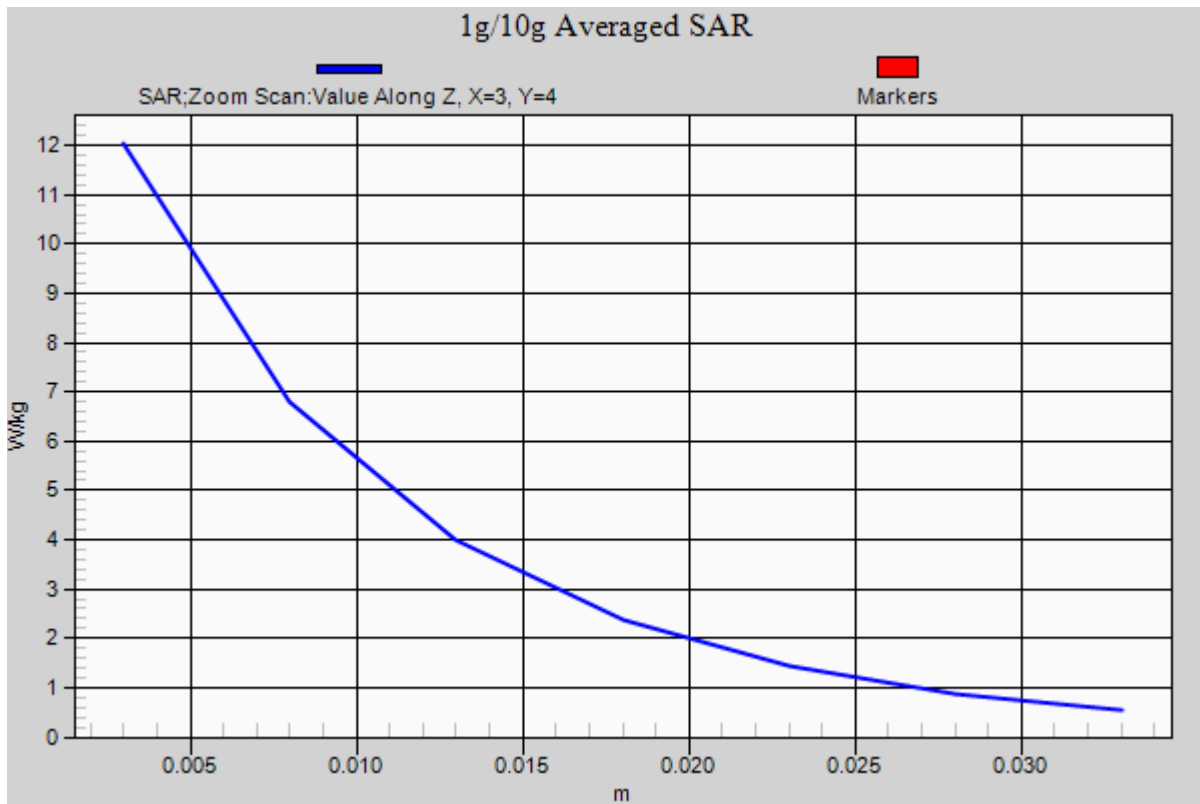
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.53 W/kg; SAR(10 g) = 5.01 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; $\sigma = 1.568$ S/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.95, 4.95, 4.95); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 20.5

1900 MHz System Verification

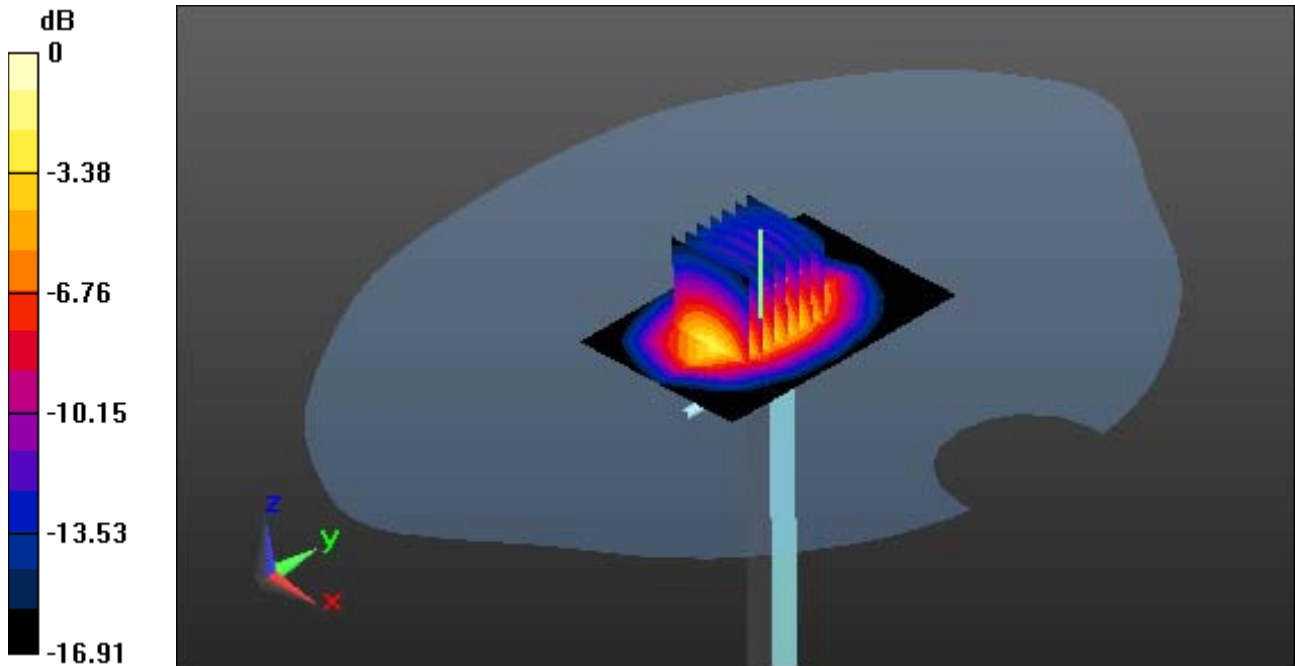
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.47 W/kg



0 dB = 14.1 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; $\sigma = 1.568$ S/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.95, 4.95, 4.95); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 20.5

1900 MHz System Verification

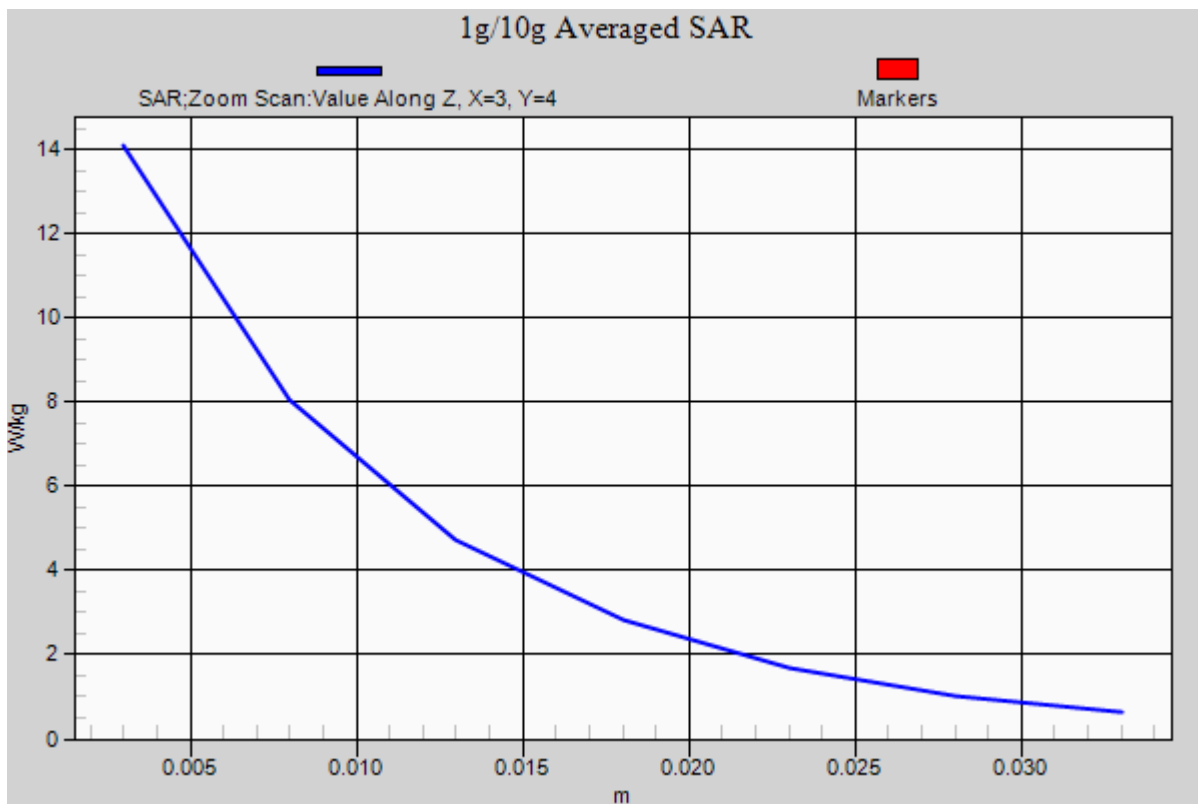
Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.47 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: $f = 835 \text{ MHz}$; $\sigma = 0.901 \text{ S/m}$; $\epsilon_r = 41.714$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 21.5

835 MHz System Verification

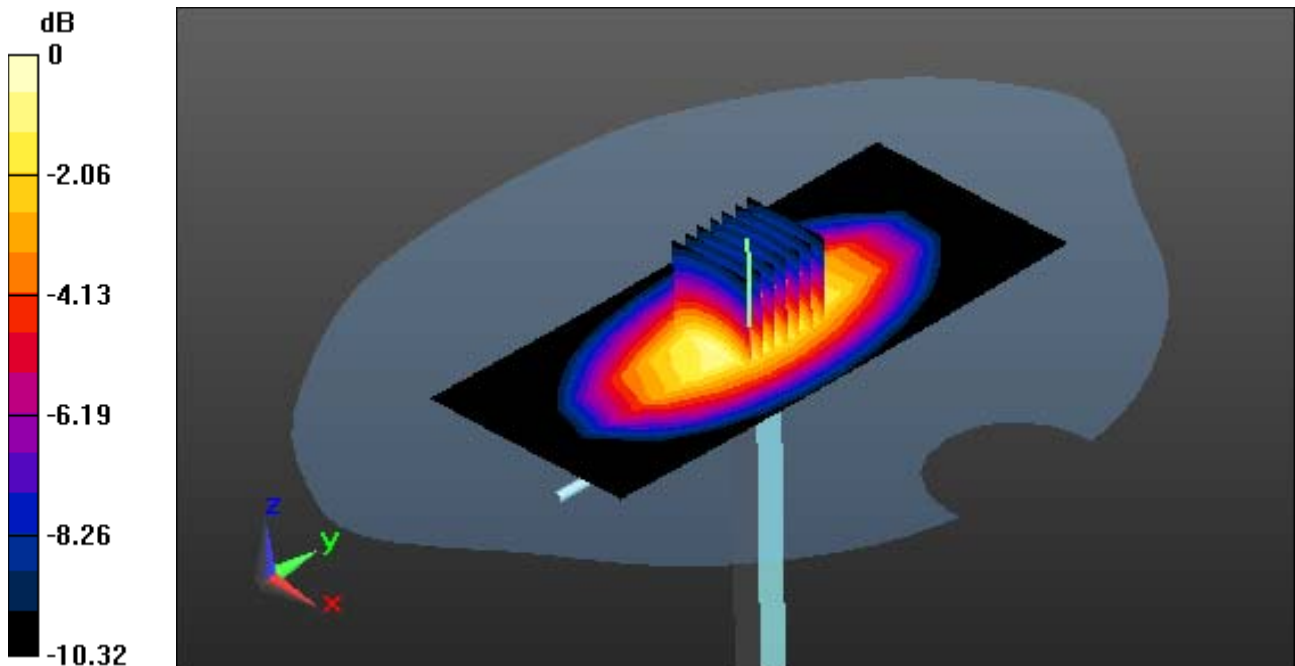
Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.55 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: $f = 835 \text{ MHz}$; $\sigma = 0.901 \text{ S/m}$; $\epsilon_r = 41.714$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 21.5

835 MHz System Verification

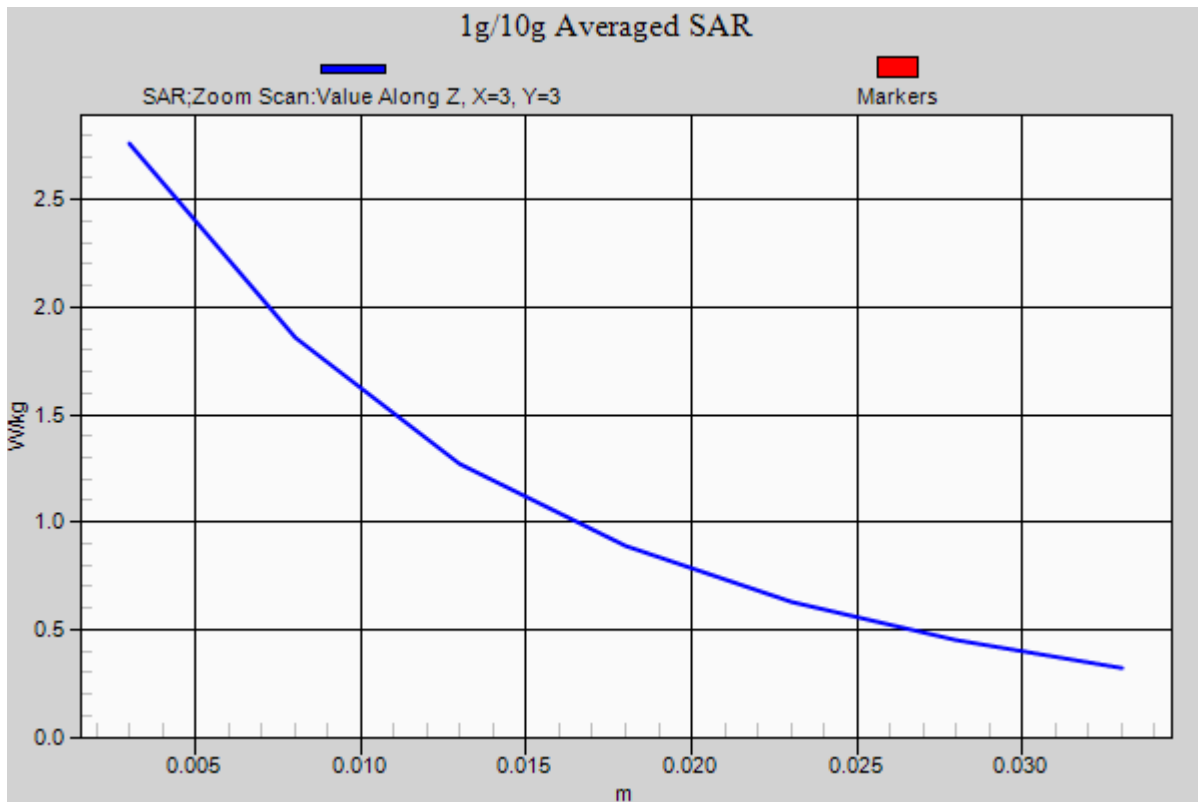
Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.55 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.002 \text{ S/m}$; $\epsilon_r = 53.819$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 20.8

835 MHz System Verification

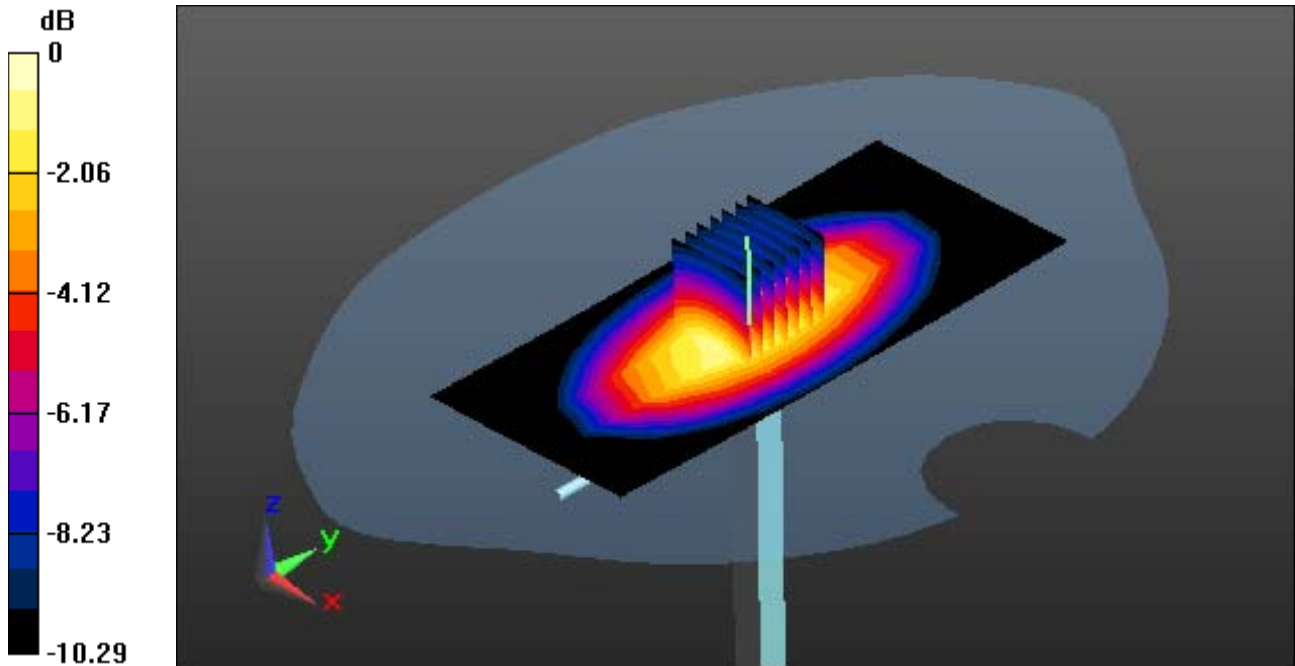
Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.63 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.002 \text{ S/m}$; $\epsilon_r = 53.819$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 20.8

835 MHz System Verification

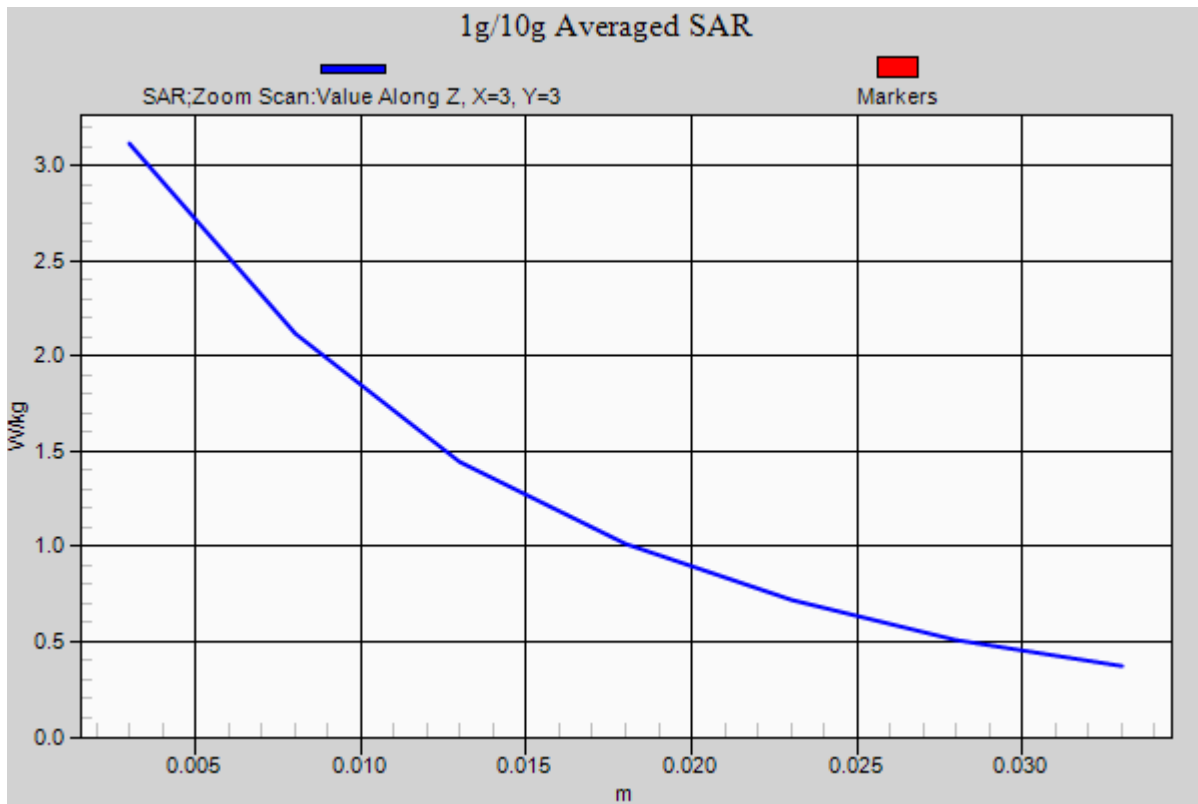
Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.63 W/kg



DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.822$ S/m; $\epsilon_r = 39.097$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.5

2450 MHz System Verification

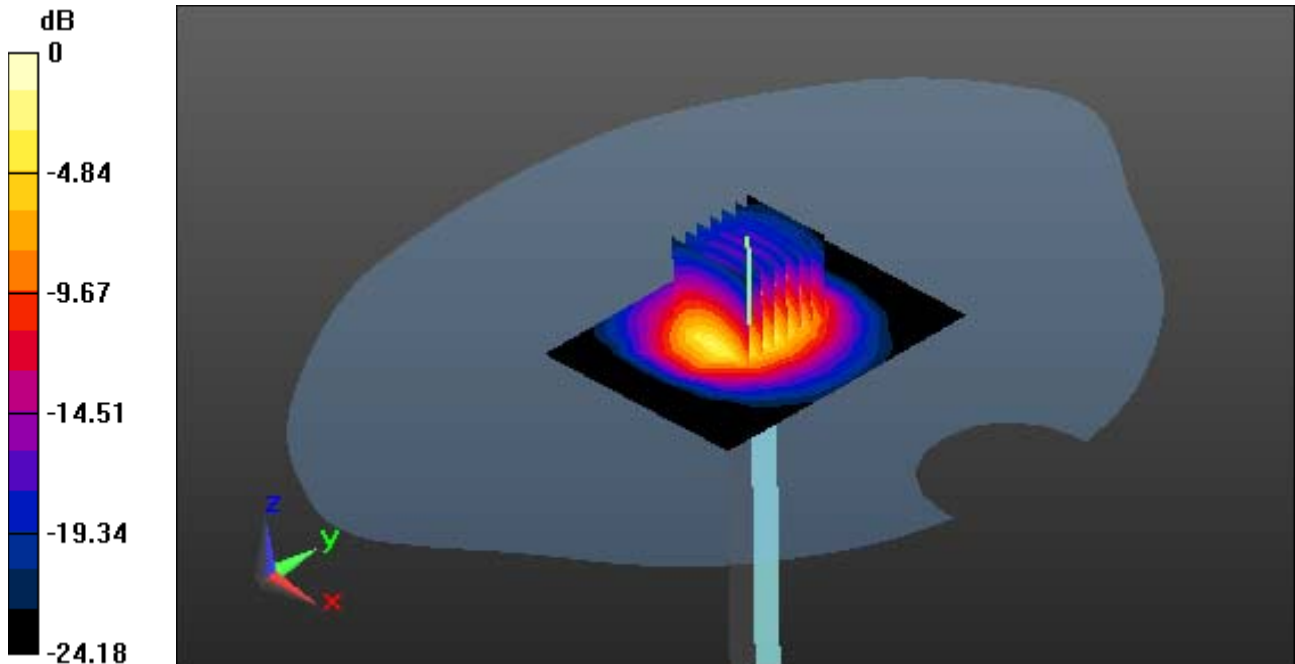
Area Scan (7x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 6.34 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; $\sigma = 1.822$ S/m; $\epsilon_r = 39.097$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.5

2450 MHz System Verification

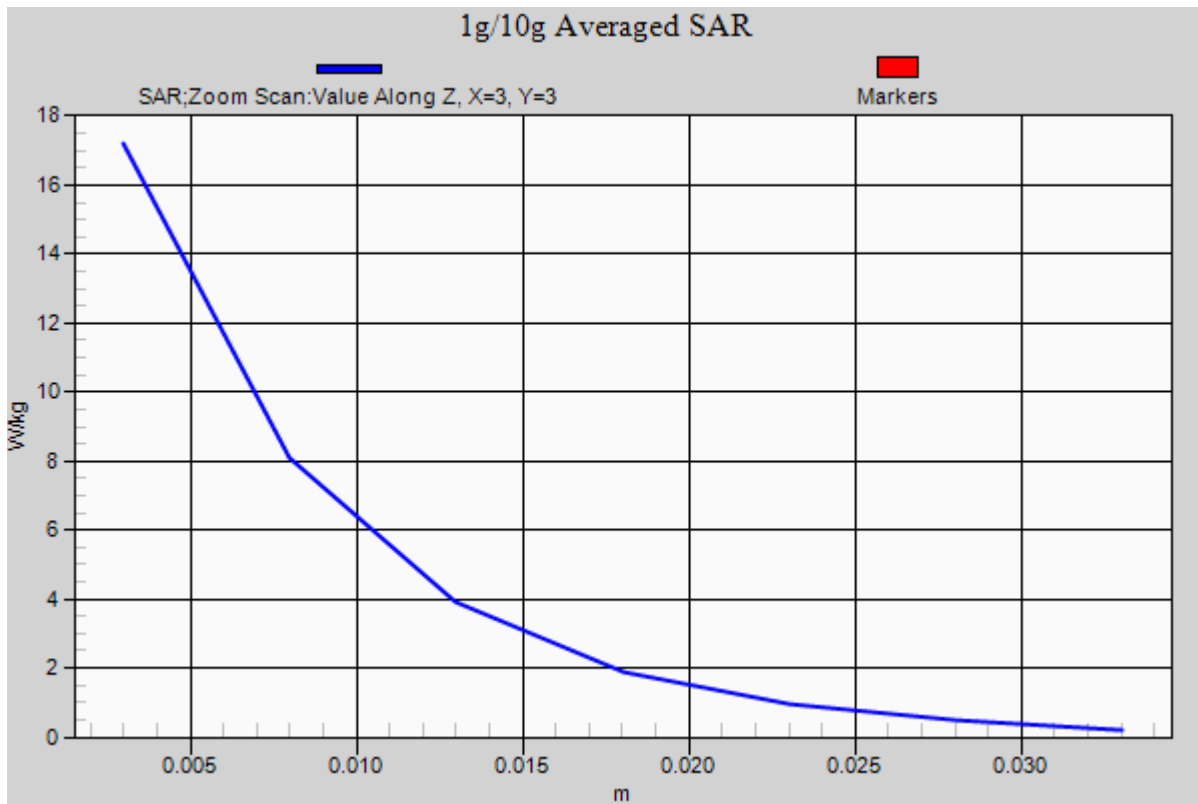
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 6.34 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; $\sigma = 1.919$ S/m; $\epsilon_r = 51.23$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.52, 4.52, 4.52); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.0

2450 MHz System Verification

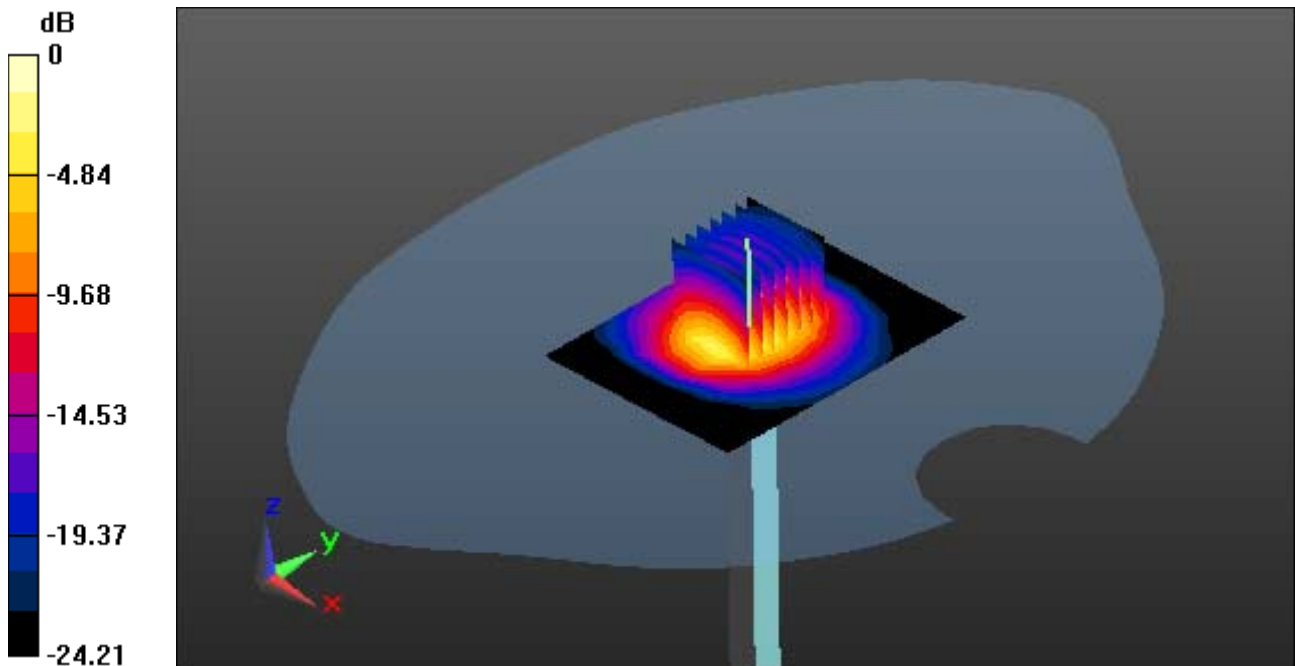
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 31.3 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.32 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; $\sigma = 1.919$ S/m; $\epsilon_r = 51.23$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.52, 4.52, 4.52); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.0

2450 MHz System Verification

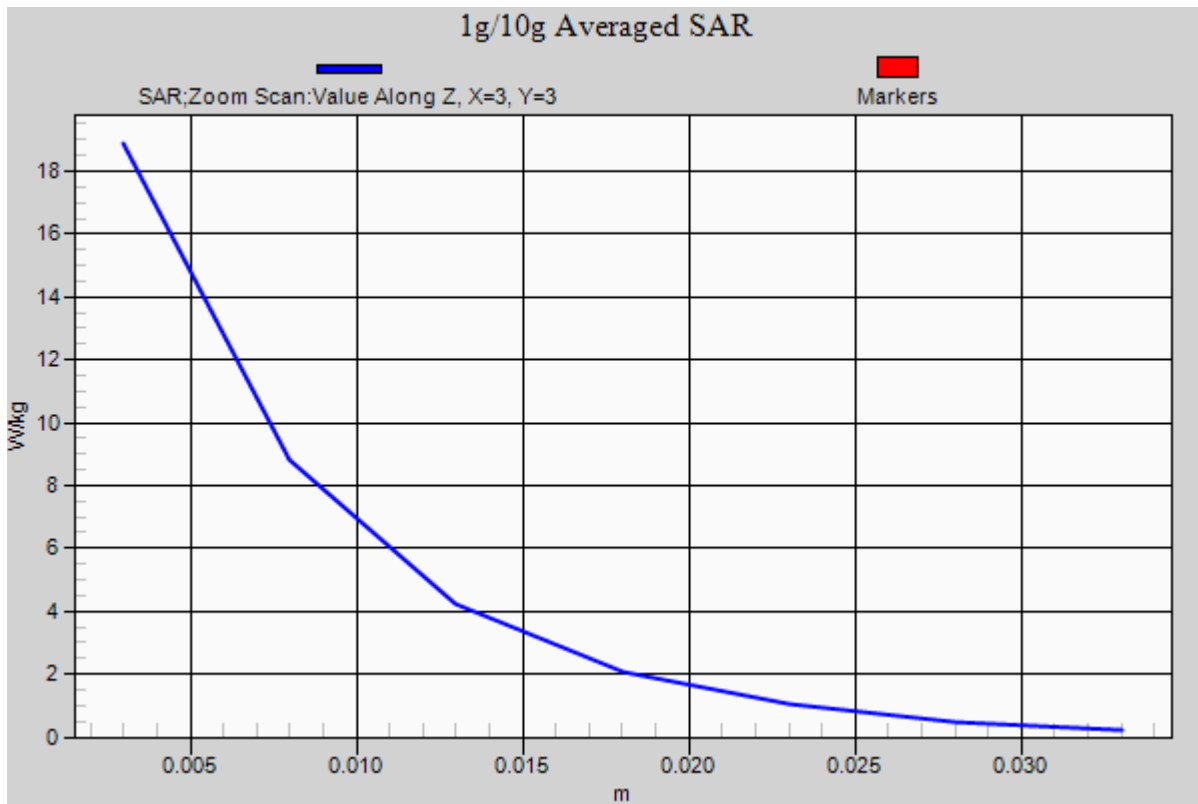
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 31.3 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.32 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder; Serial

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.212$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 21.4

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

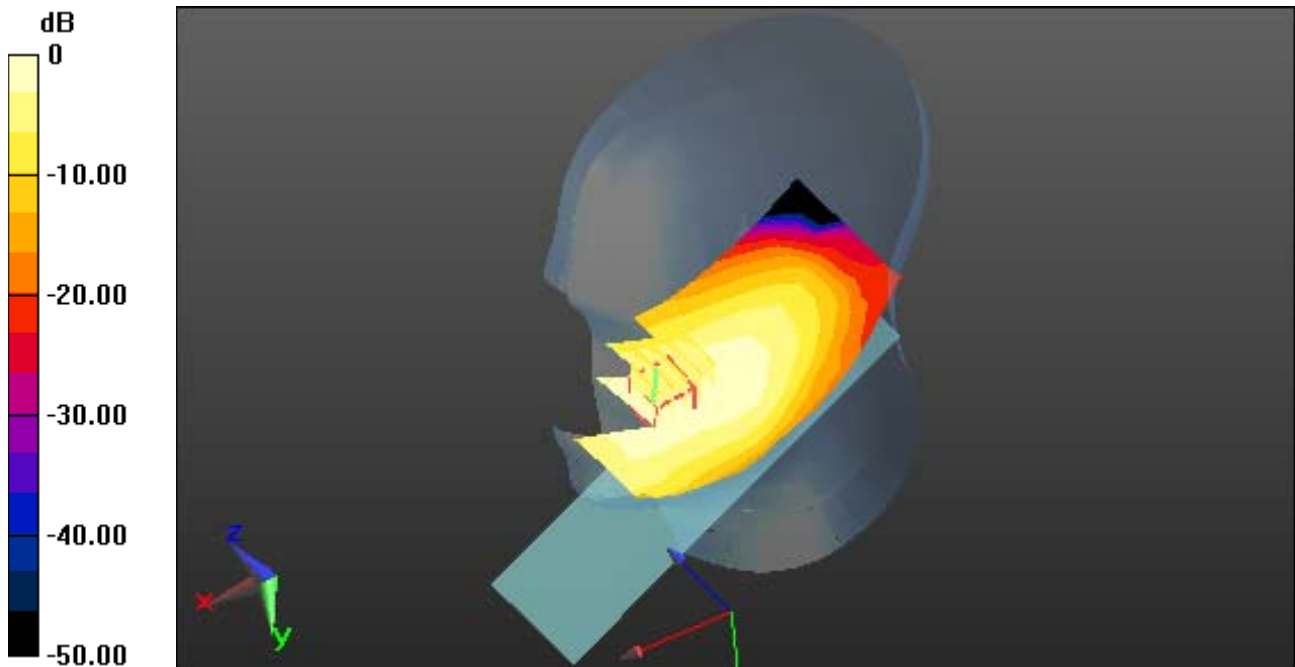
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.172 W/kg



0 dB = 0.271 W/kg

A1

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.212$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 21.4

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

With Enlarge plot image

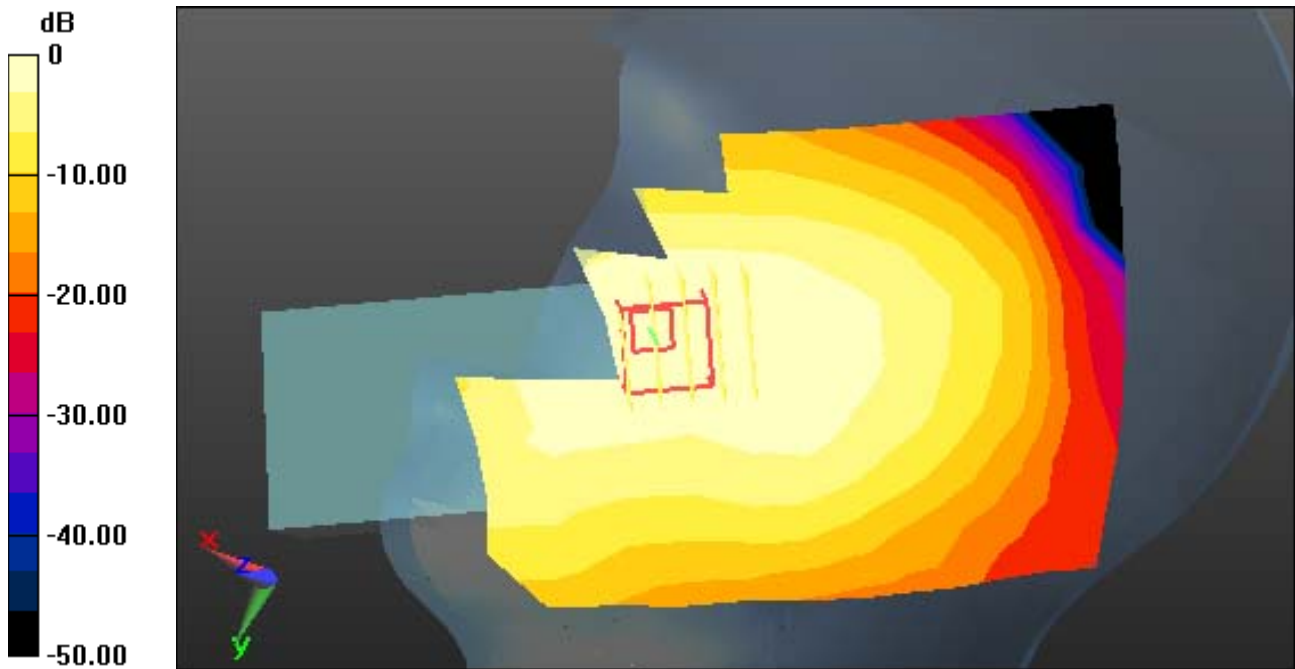
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.172 W/kg



0 dB = 0.271 W/kg

A1

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.212$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 21.4

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

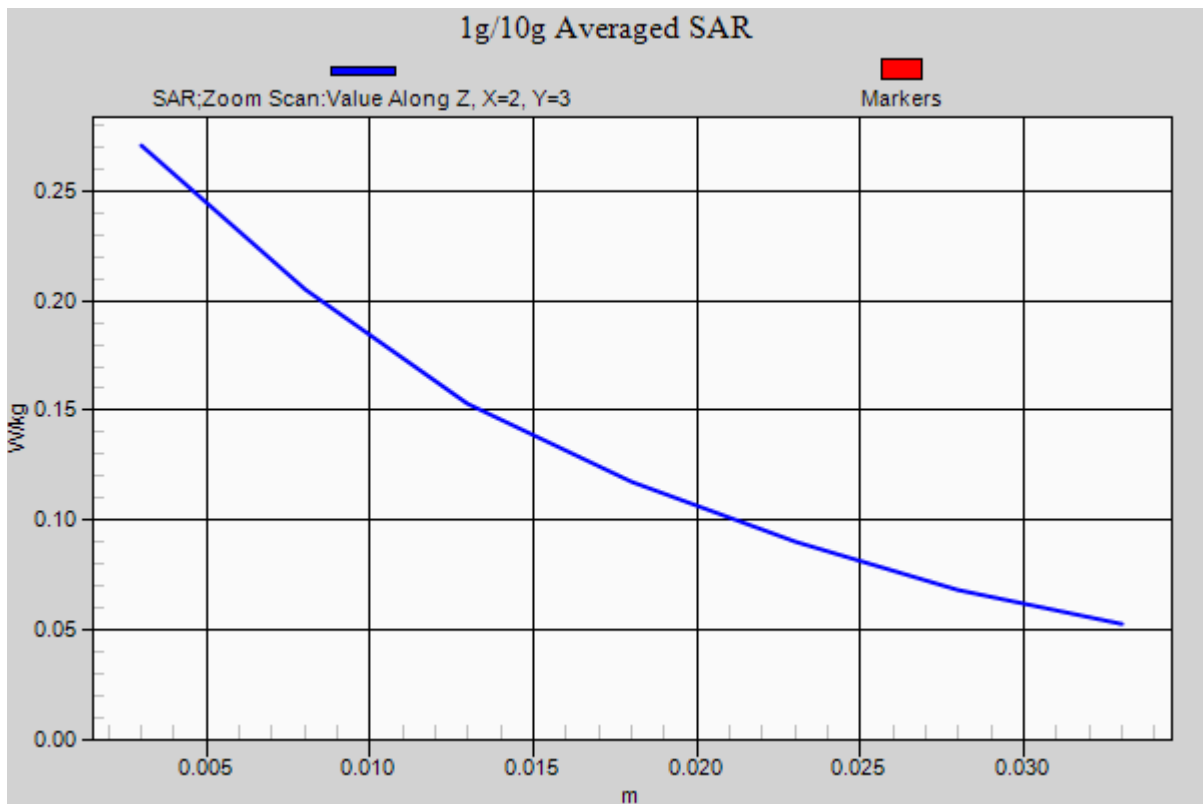
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.172 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.212$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 21.4

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

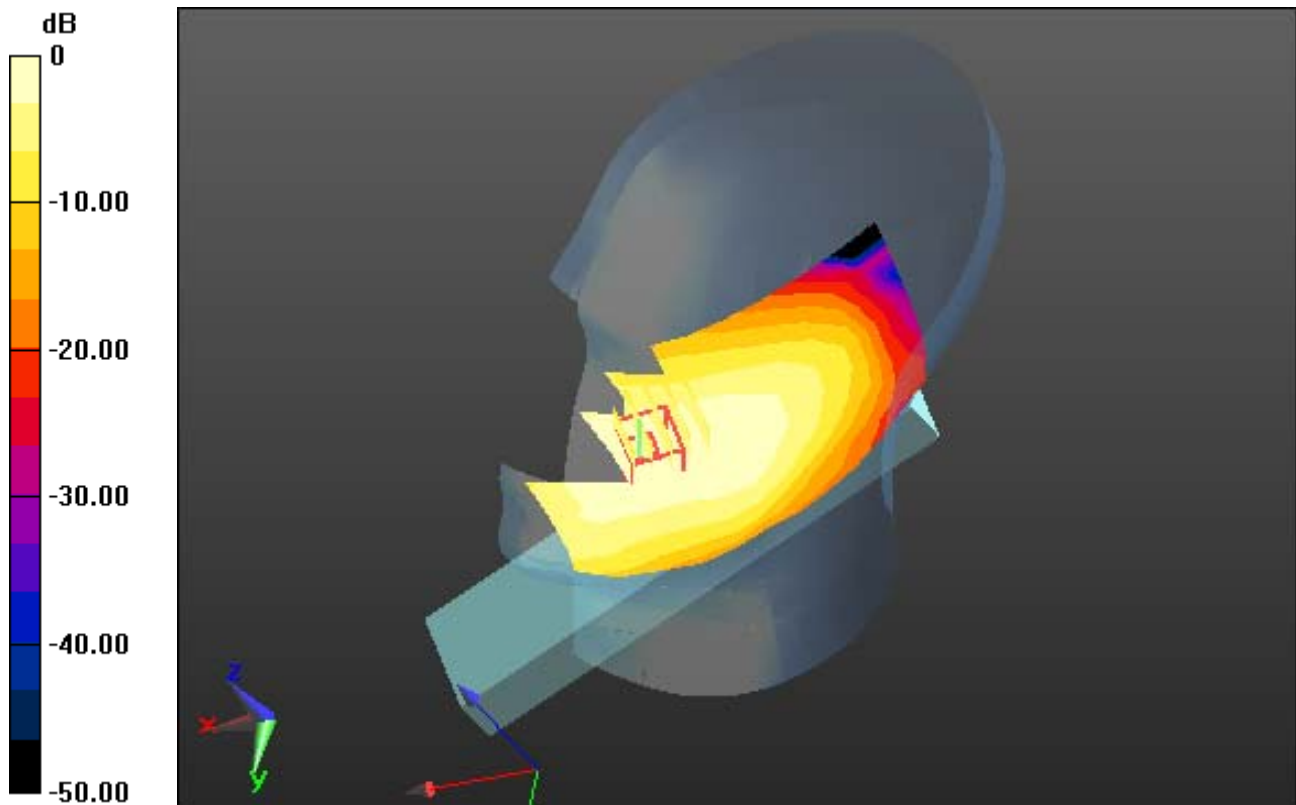
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.211 W/kg



0 dB = 0.330 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 42.212$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 21.4

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

With Enlarge Plot image

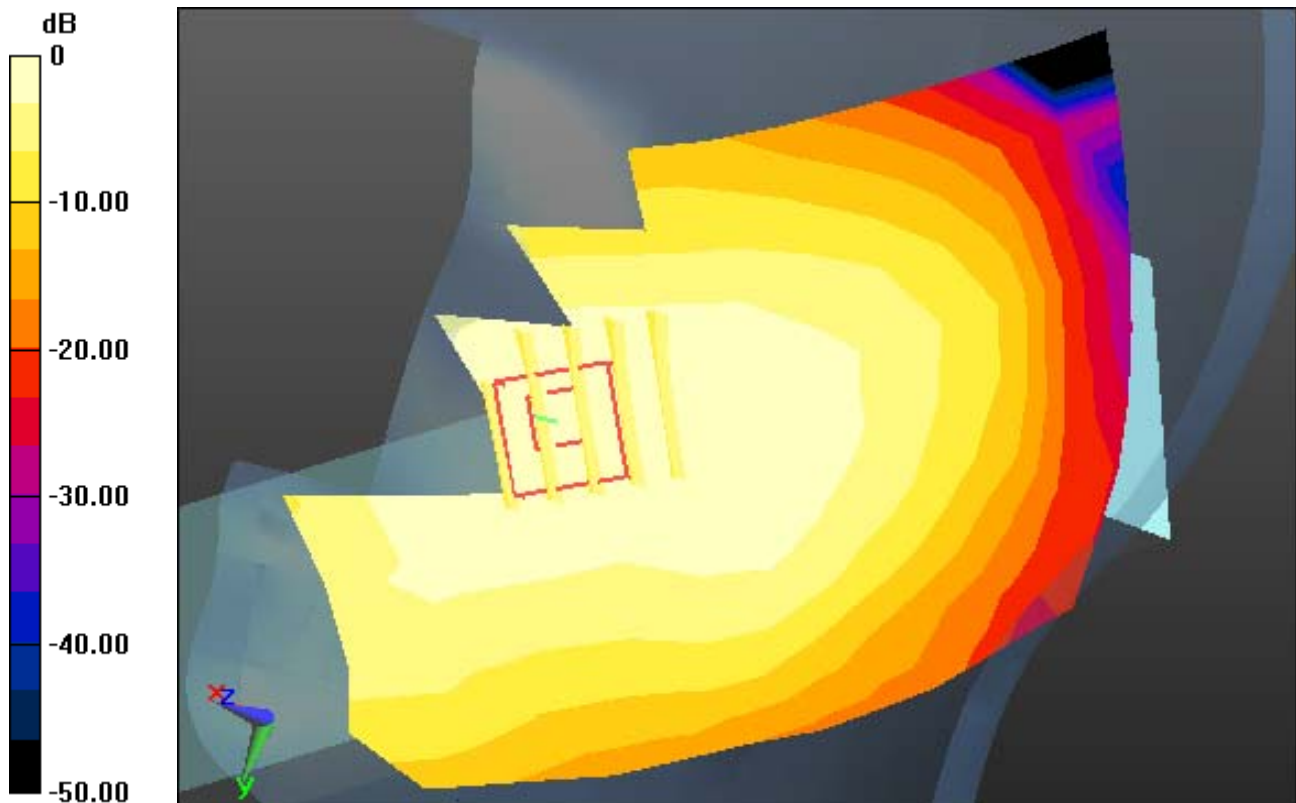
Area Scan (9x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.397 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.211 W/kg



0 dB = 0.330 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.212$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 21.4

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

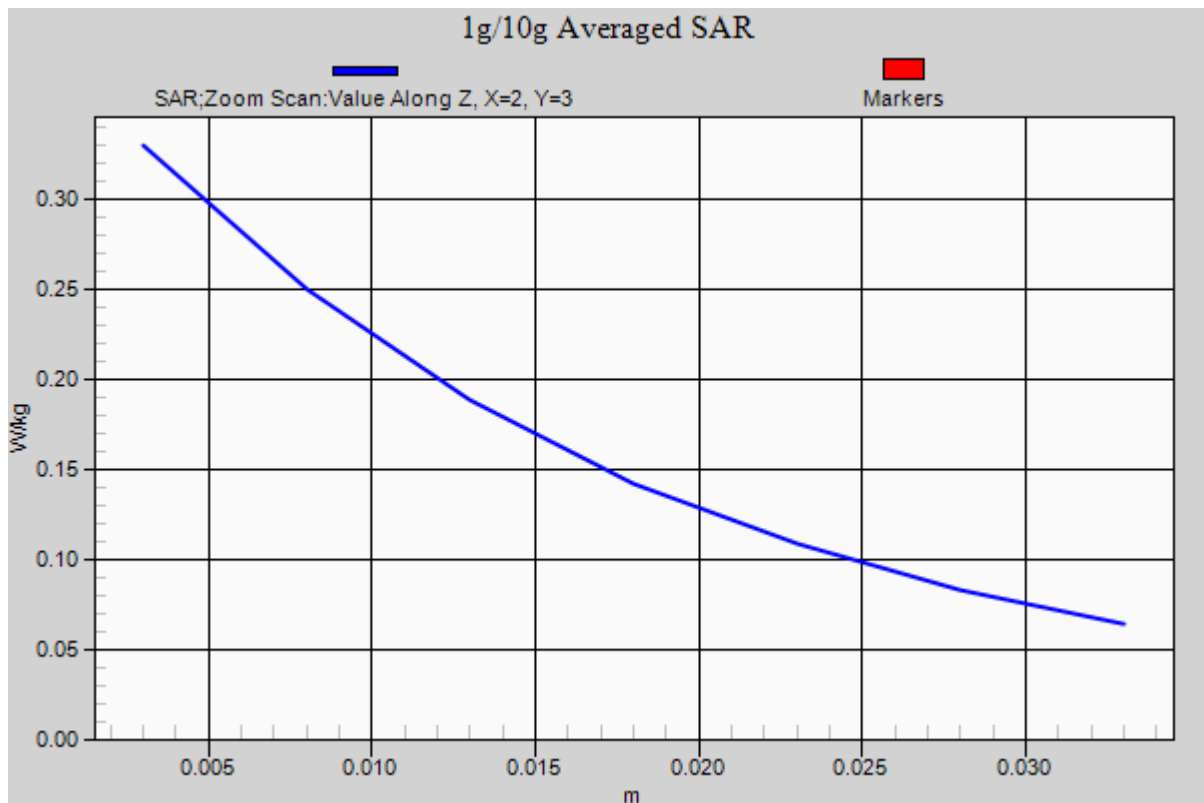
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.211 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.412 \text{ S/m}$; $\epsilon_r = 40.682$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.35, 5.35, 5.35); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 21.2

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

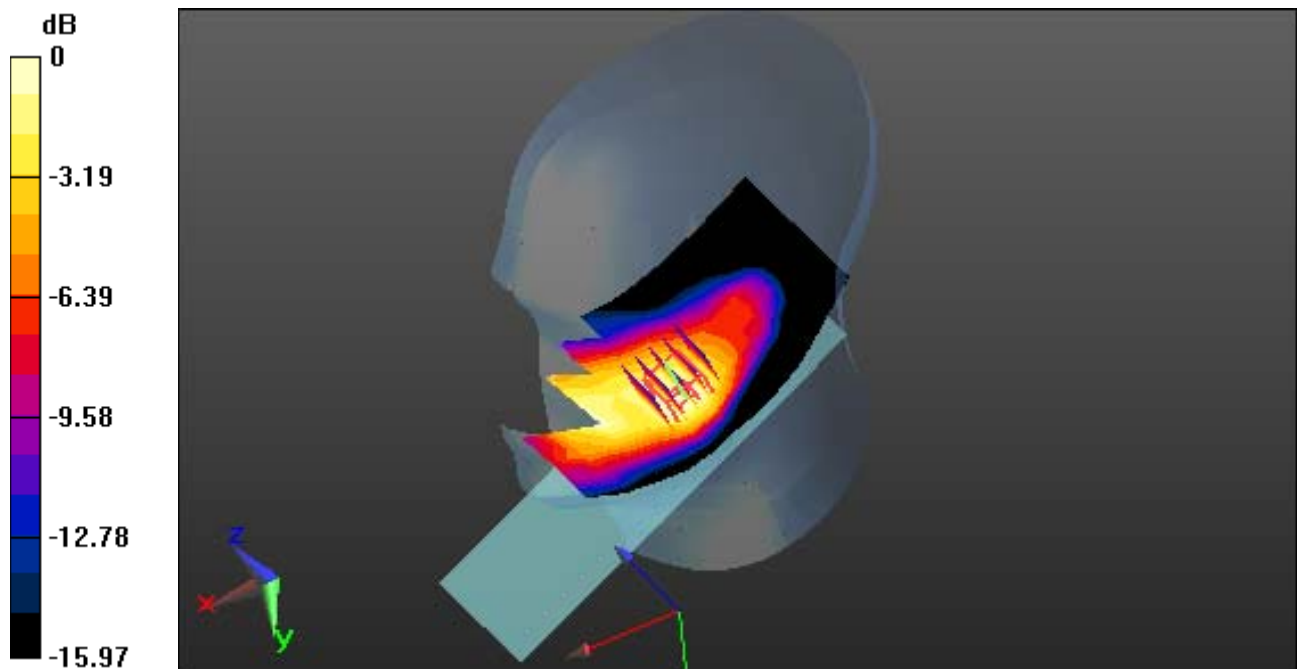
Area Scan (9x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.172 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.35, 5.35, 5.35); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 21.2

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

With Enlarge plot image

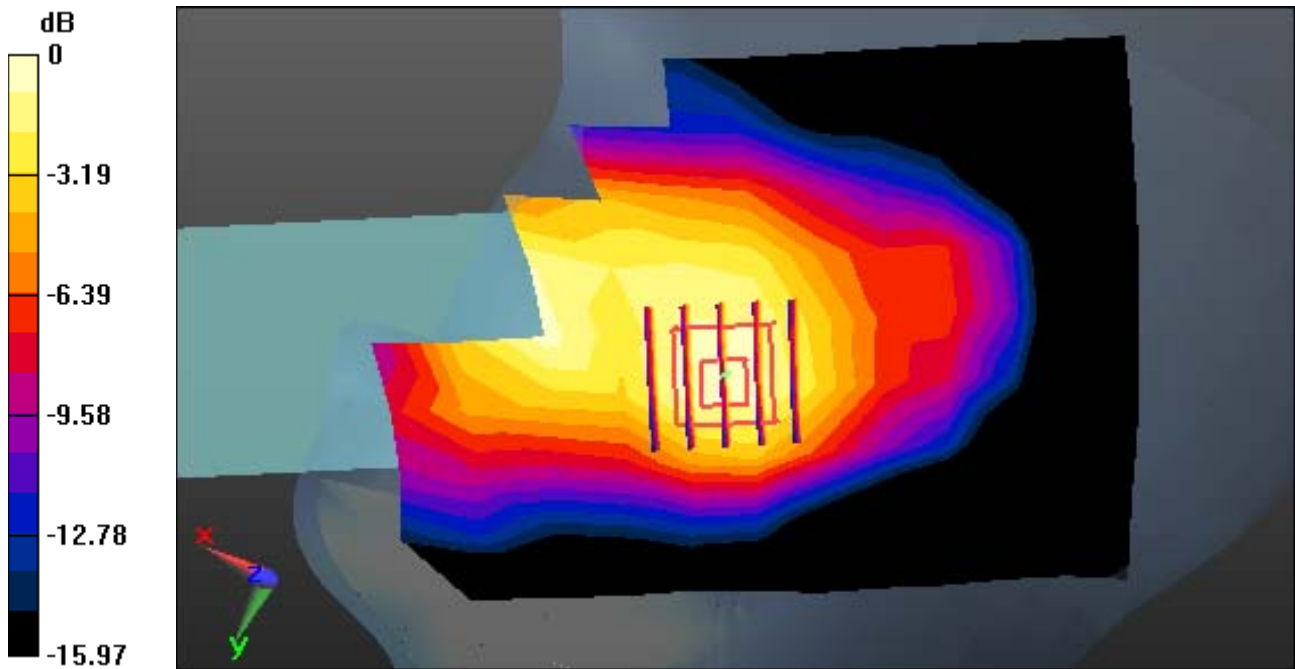
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.172 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.35, 5.35, 5.35); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 21.2

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

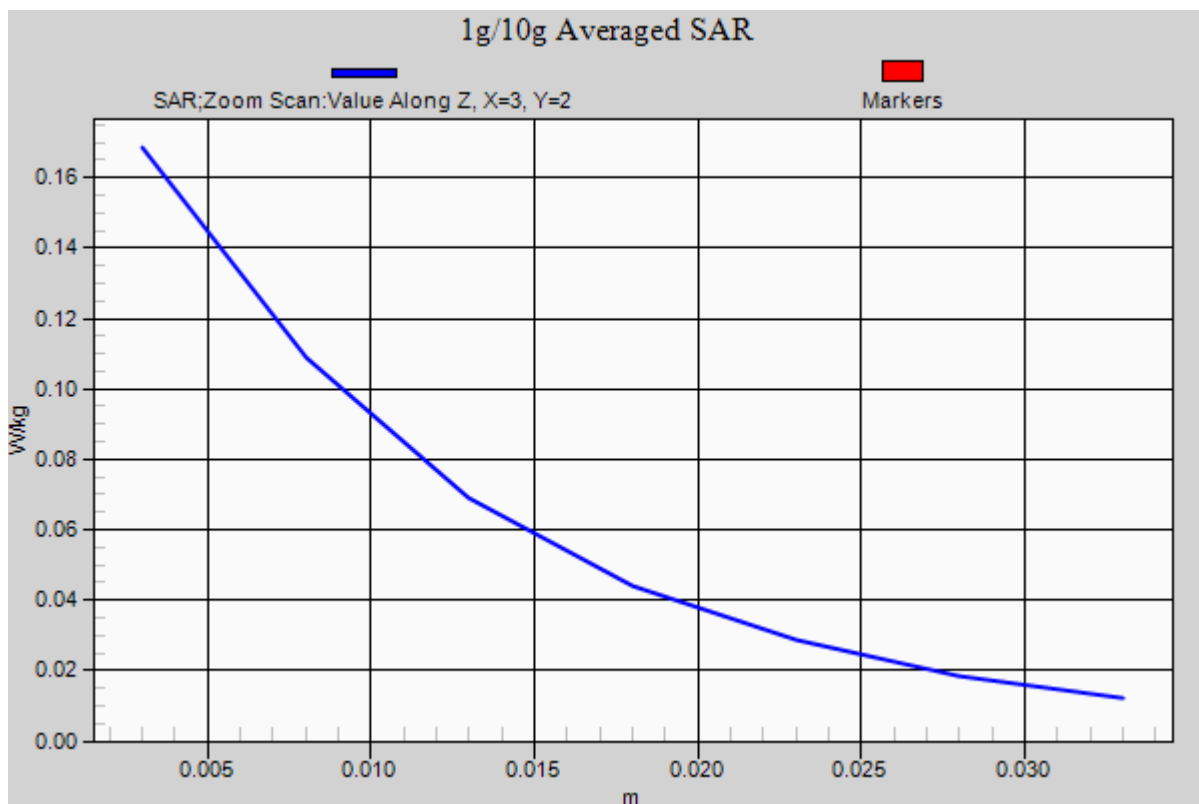
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.095 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.35, 5.35, 5.35); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 21.2

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

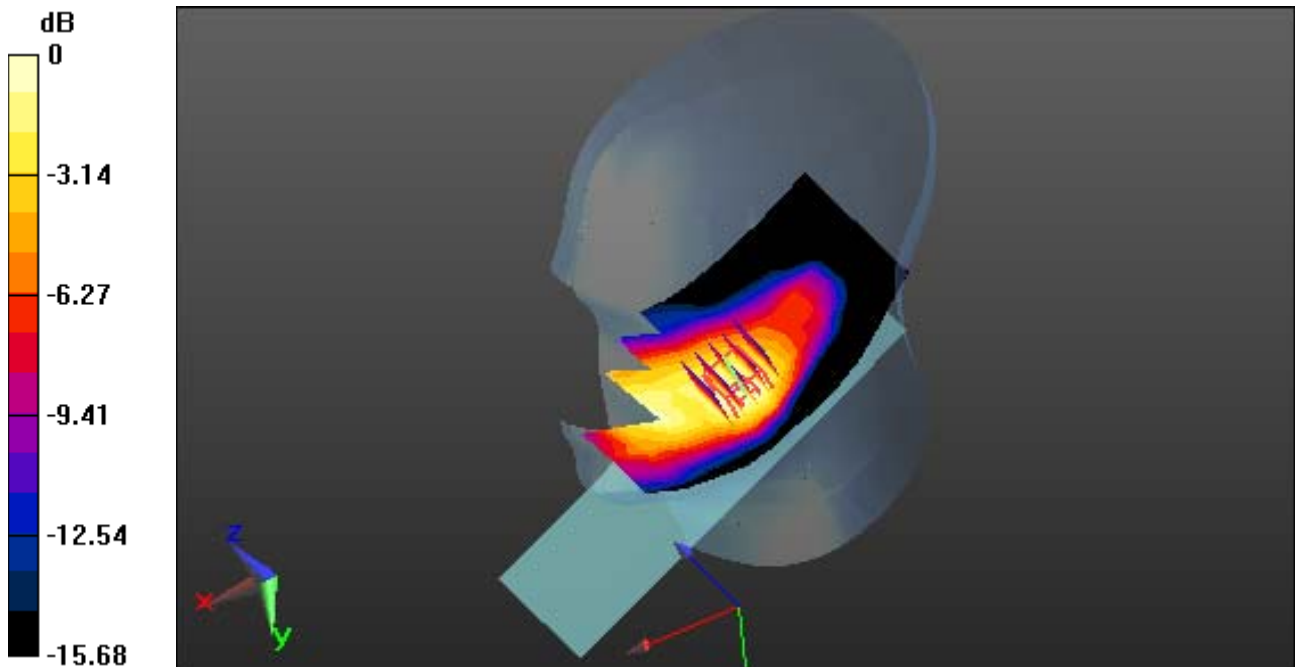
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.129 W/kg



0 dB = 0.232 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.35, 5.35, 5.35); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 21.2

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

With Enlarge plot image

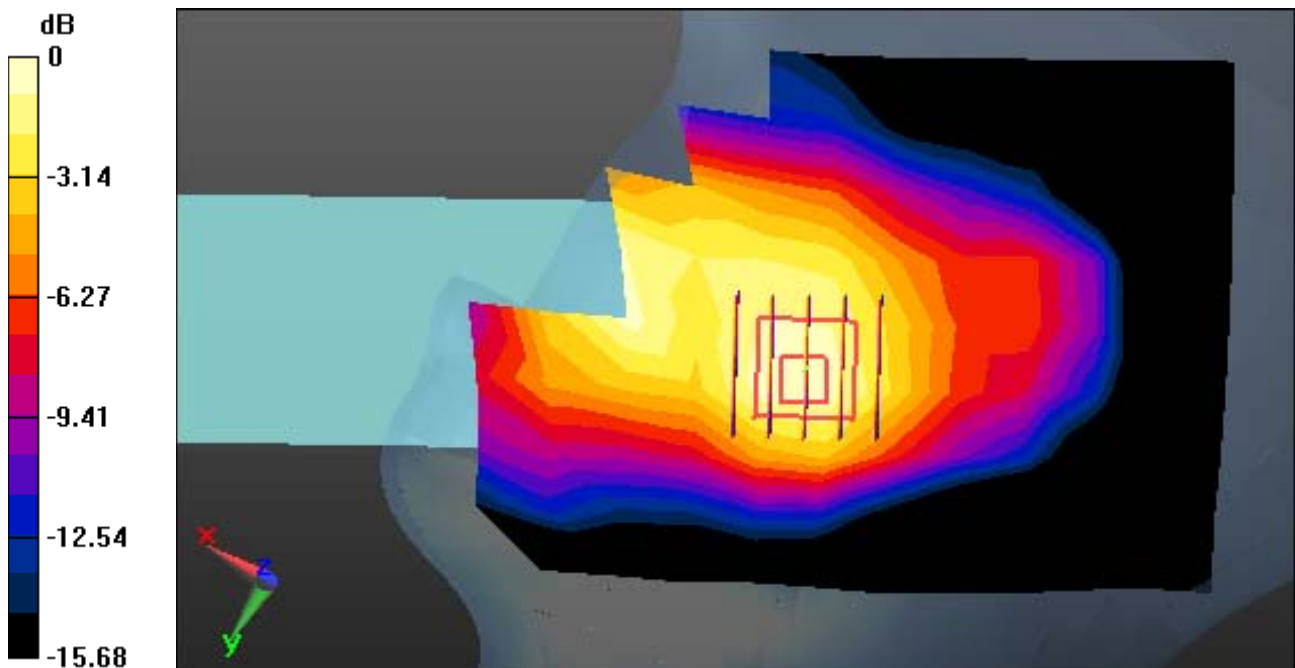
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.129 W/kg



0 dB = 0.232 W/kg

A4

DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.35, 5.35, 5.35); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 21.2

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

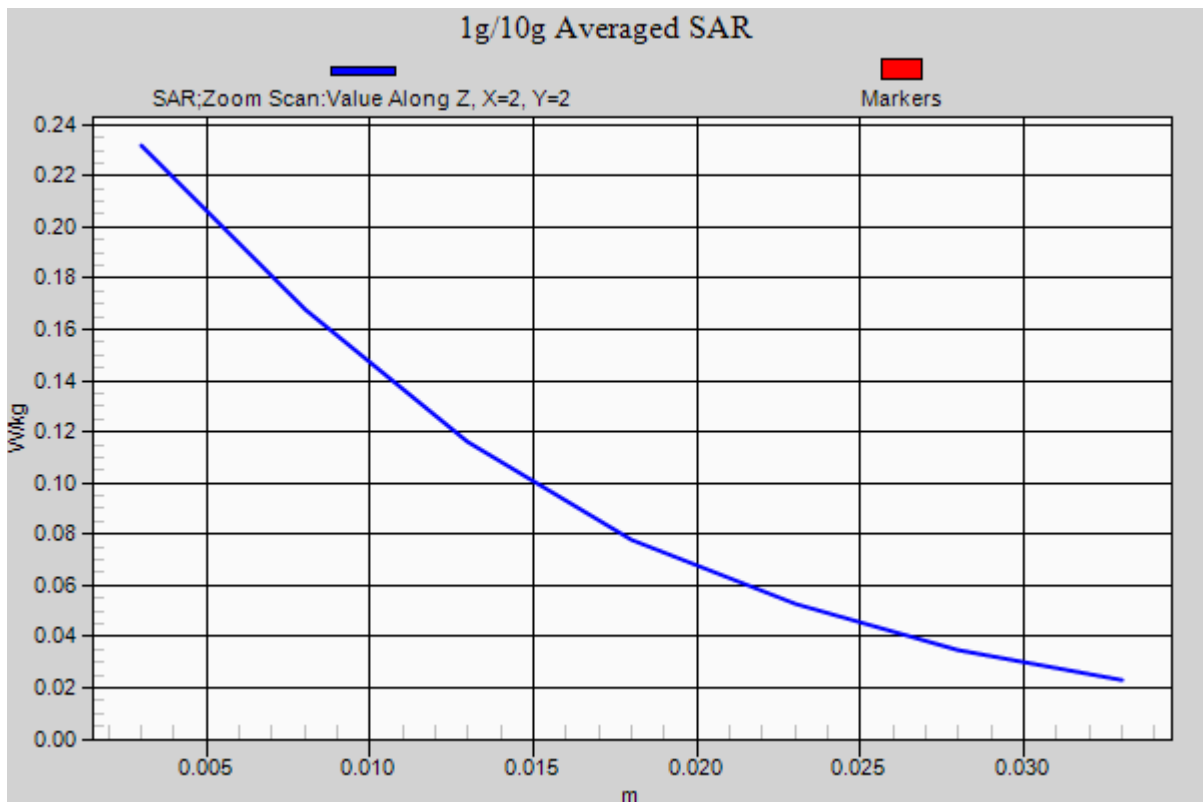
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.129 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 21.5

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

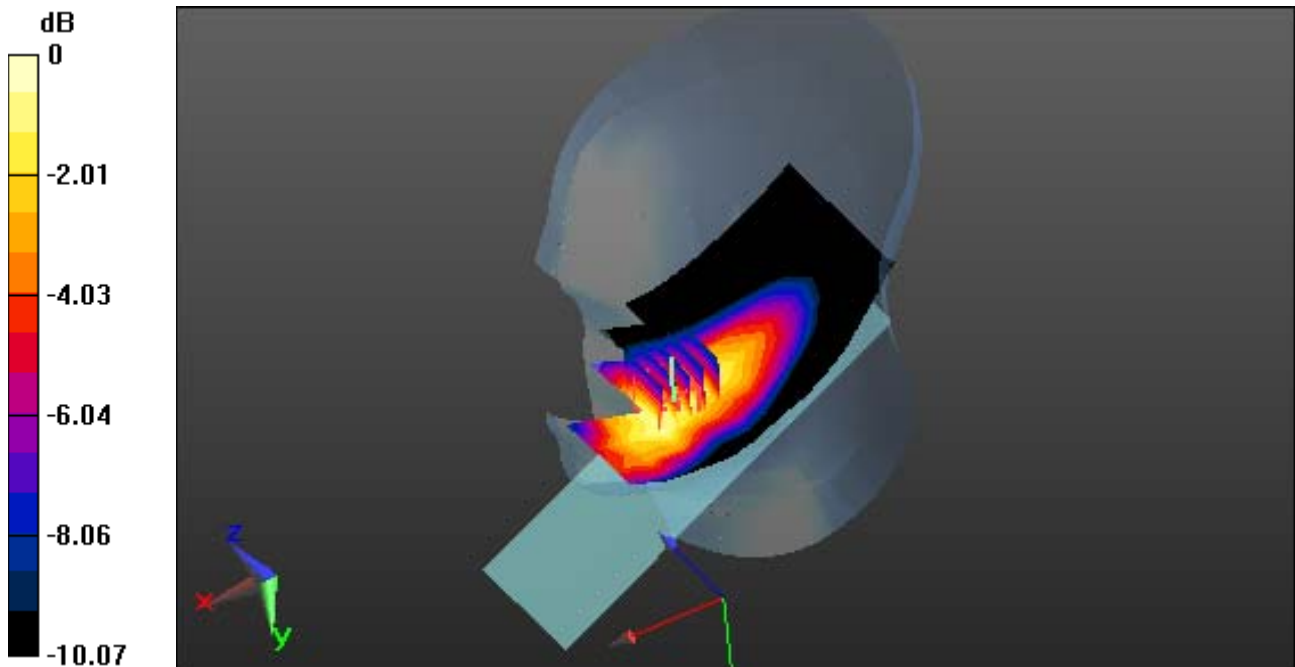
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.222 W/kg



0 dB = 0.365 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 21.5

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

With Enlarge plot image

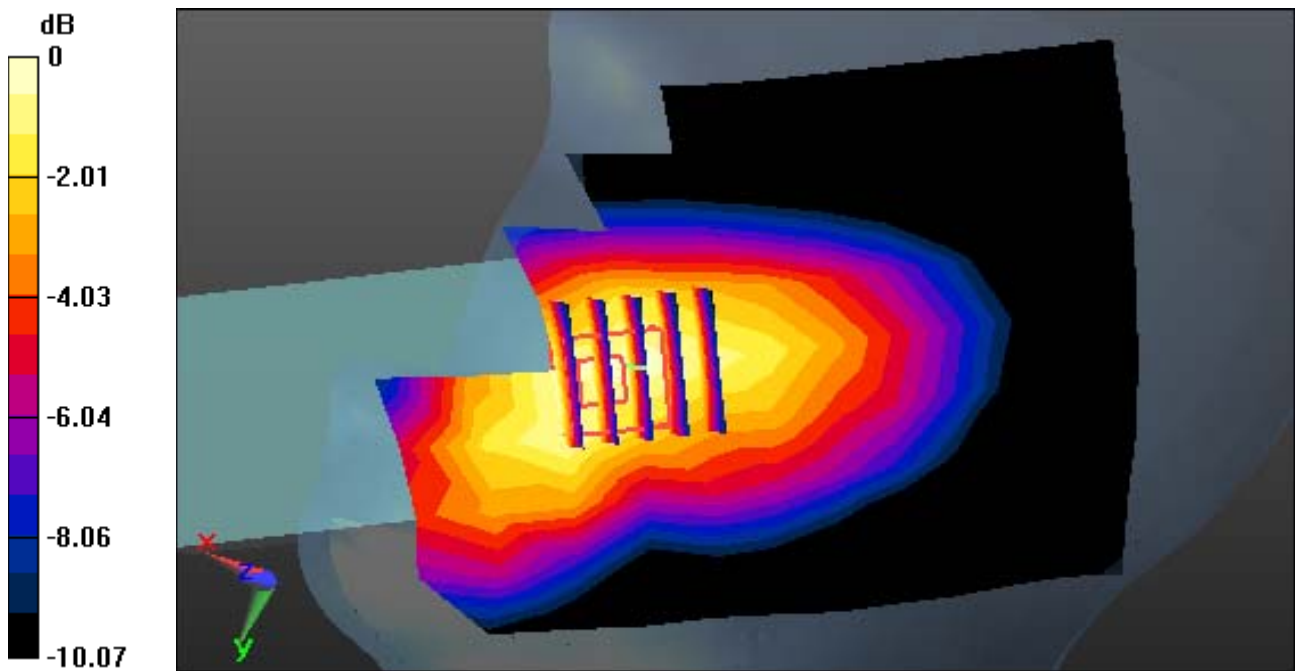
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.222 W/kg



0 dB = 0.365 W/kg

A5

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.62, 6.62, 6.62); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 21.5

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

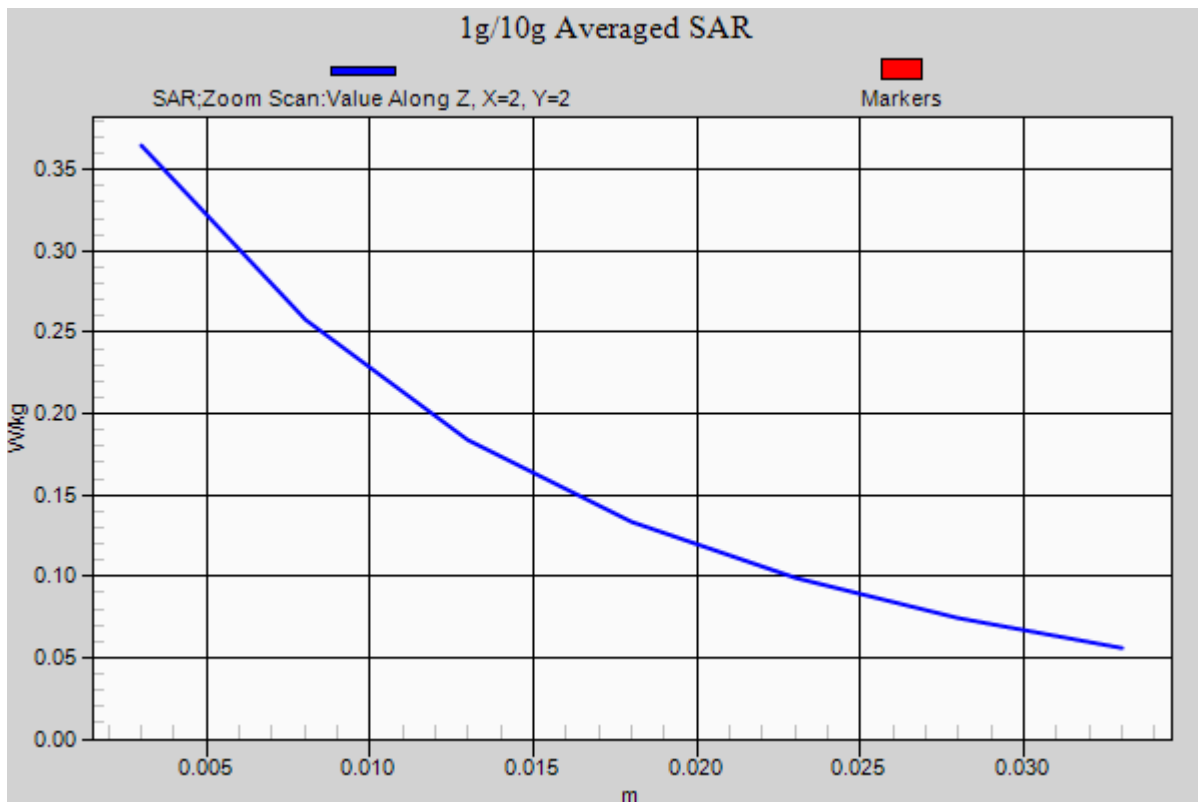
Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.222 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.807 \text{ S/m}$; $\epsilon_r = 39.14$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.5

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

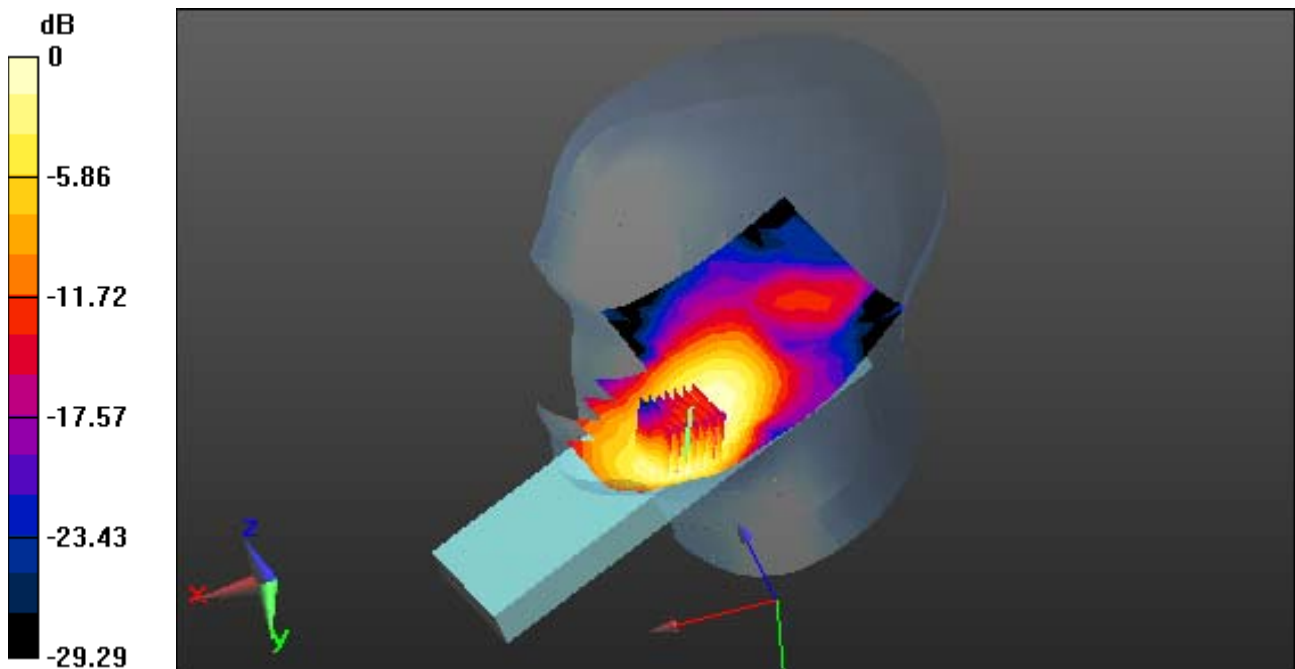
Area Scan (11x22x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.121 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.807 \text{ S/m}$; $\epsilon_r = 39.14$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.5

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

With Enlarge plot image

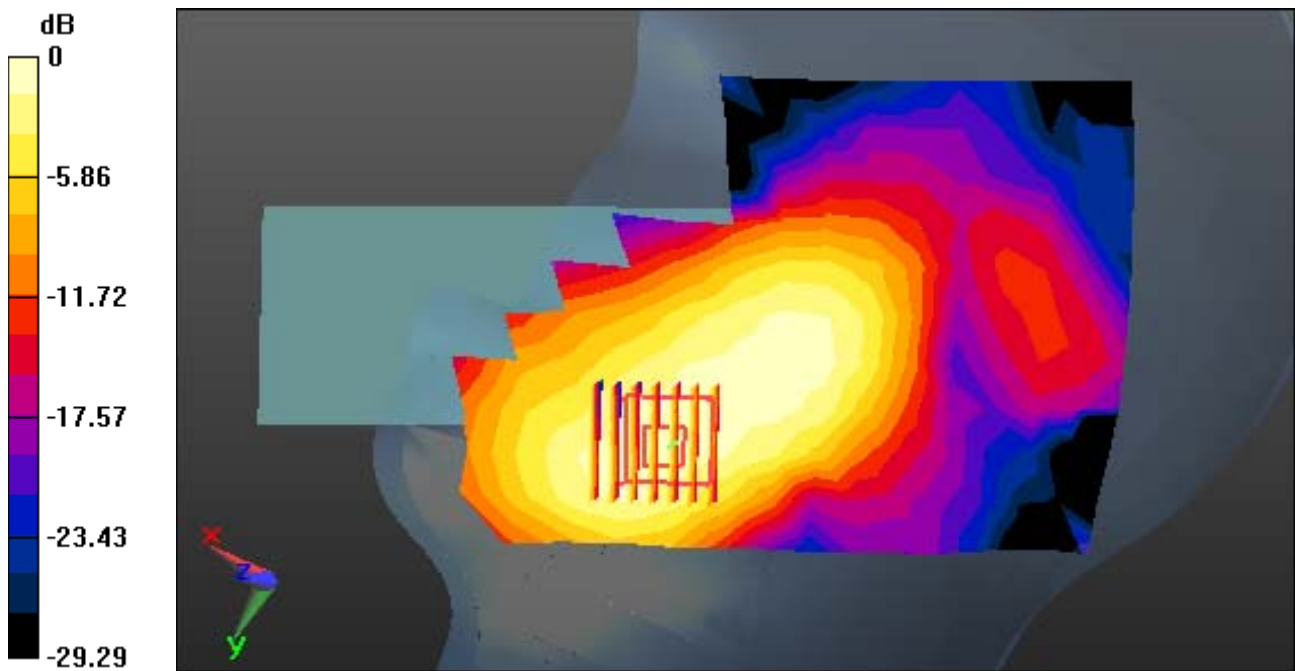
Area Scan (11x22x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.121 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 39.14$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.5

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

With Enlarge plot image

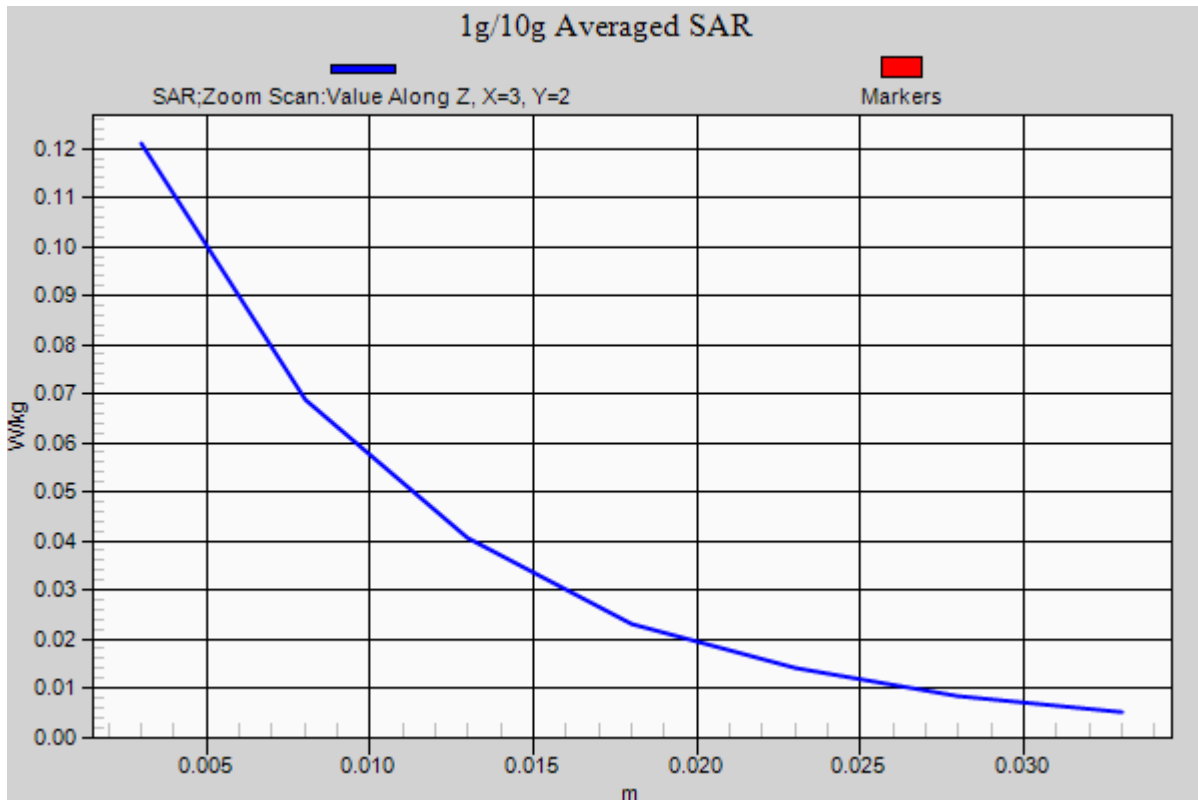
Area Scan (11x22x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.056 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.999$ S/m; $\epsilon_r = 53.847$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 20.9

1.0 cm sapce from Body, Rear, GSM850 Ch. 190, Ant Internal

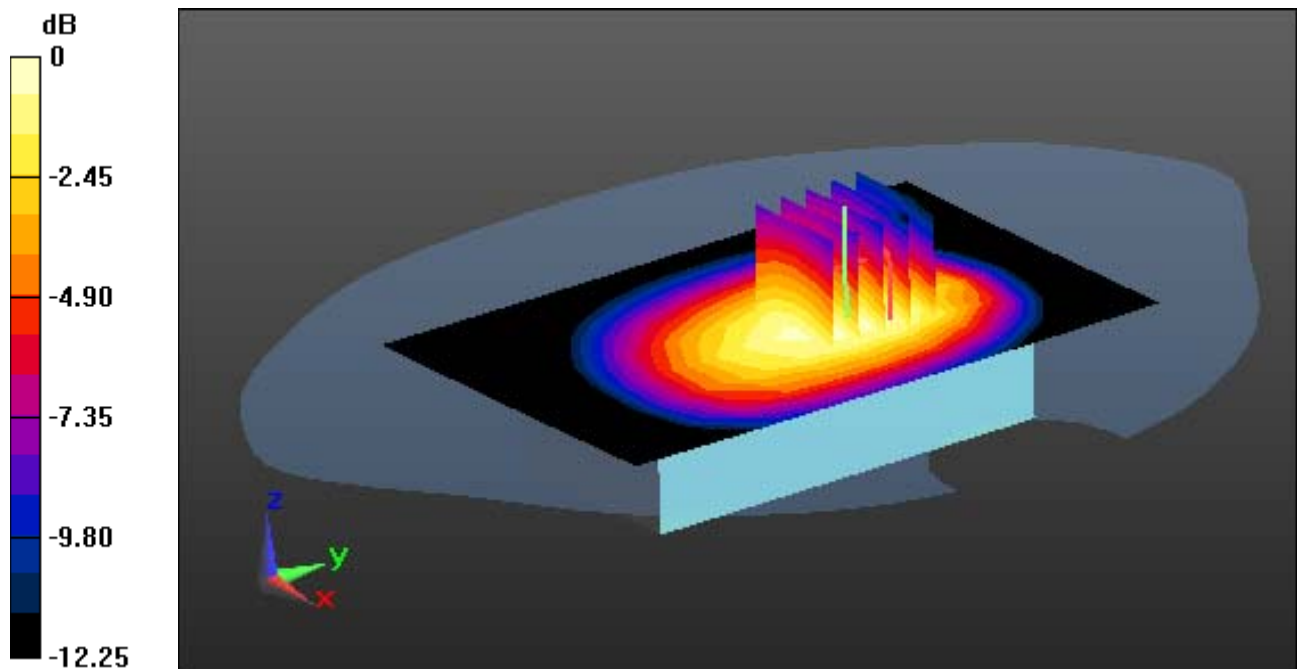
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.317 W/kg



0 dB = 0.507 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.999$ S/m; $\epsilon_r = 53.847$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 20.9

1.0 cm sapce from Body, Rear, GSM850 Ch. 190, Ant Internal

With Enlarge plot image

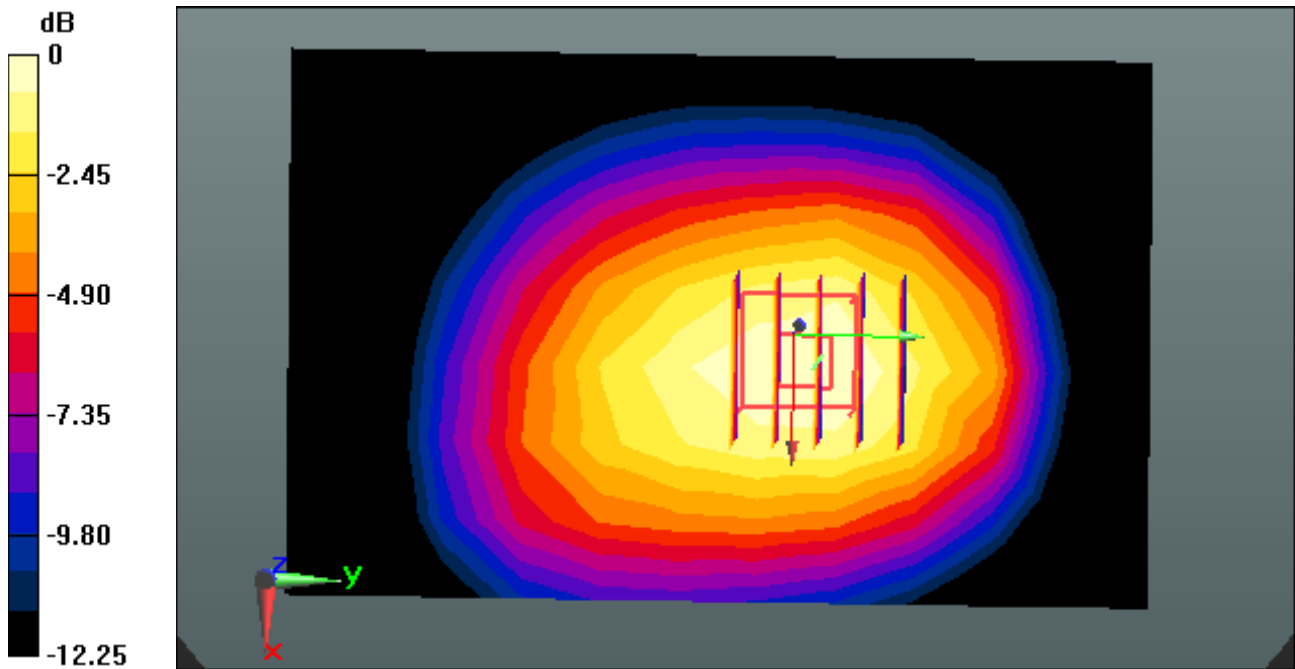
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.317 W/kg



0 dB = 0.507 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.999$ S/m; $\epsilon_r = 53.847$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp: 21.2; Tissue Temp: 20.9

1.0 cm sapce from Body, Rear, GSM850 Ch. 190, Ant Internal

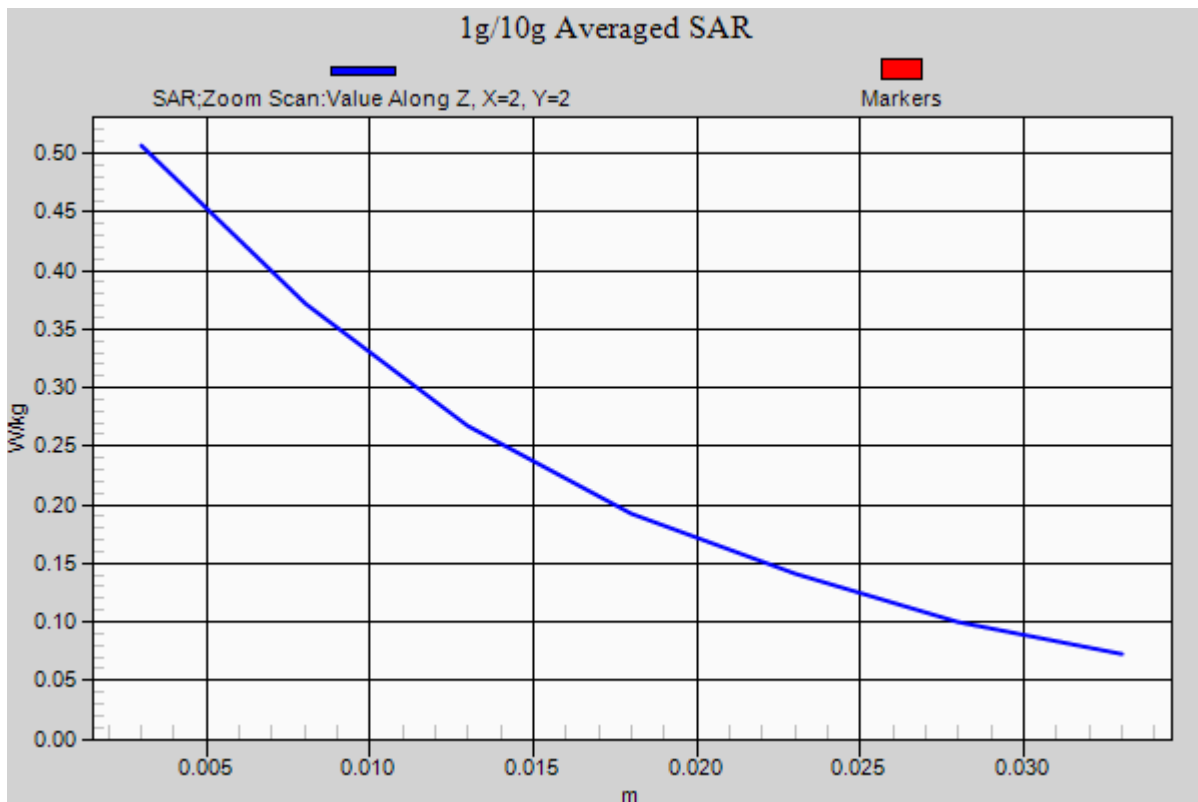
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.317 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.999$ S/m; $\epsilon_r = 53.847$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-16; Ambient Temp; 21.2; Tissue Temp: 20.9

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

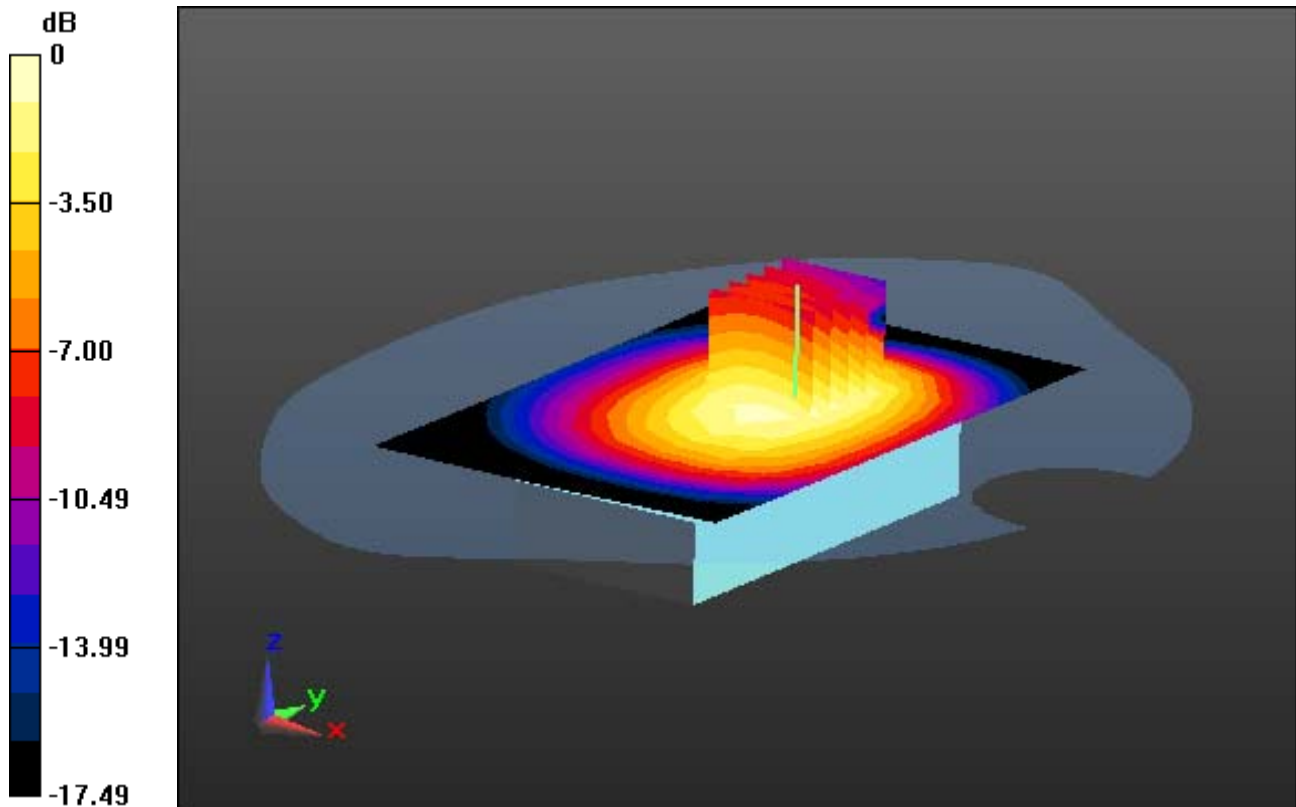
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.459 W/kg



0 dB = 0.743 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.999 \text{ S/m}$; $\epsilon_r = 53.847$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-16; Ambient Temp; 21.2; Tissue Temp: 20.9

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

With Enlarge Plot image

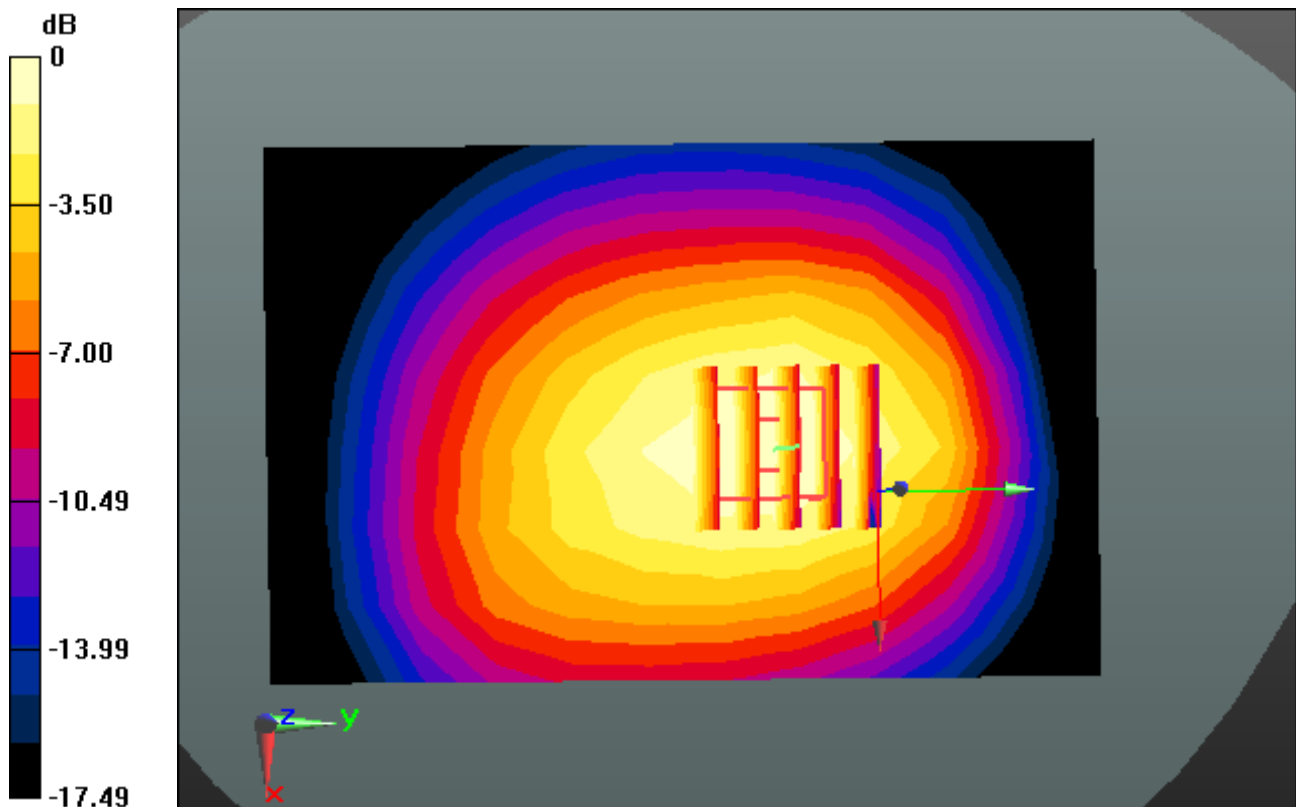
Area Scan (8x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.903 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.459 W/kg



0 dB = 0.743 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.999$ S/m; $\epsilon_r = 53.847$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-16; Ambient Temp; 21.2; Tissue Temp: 20.9

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

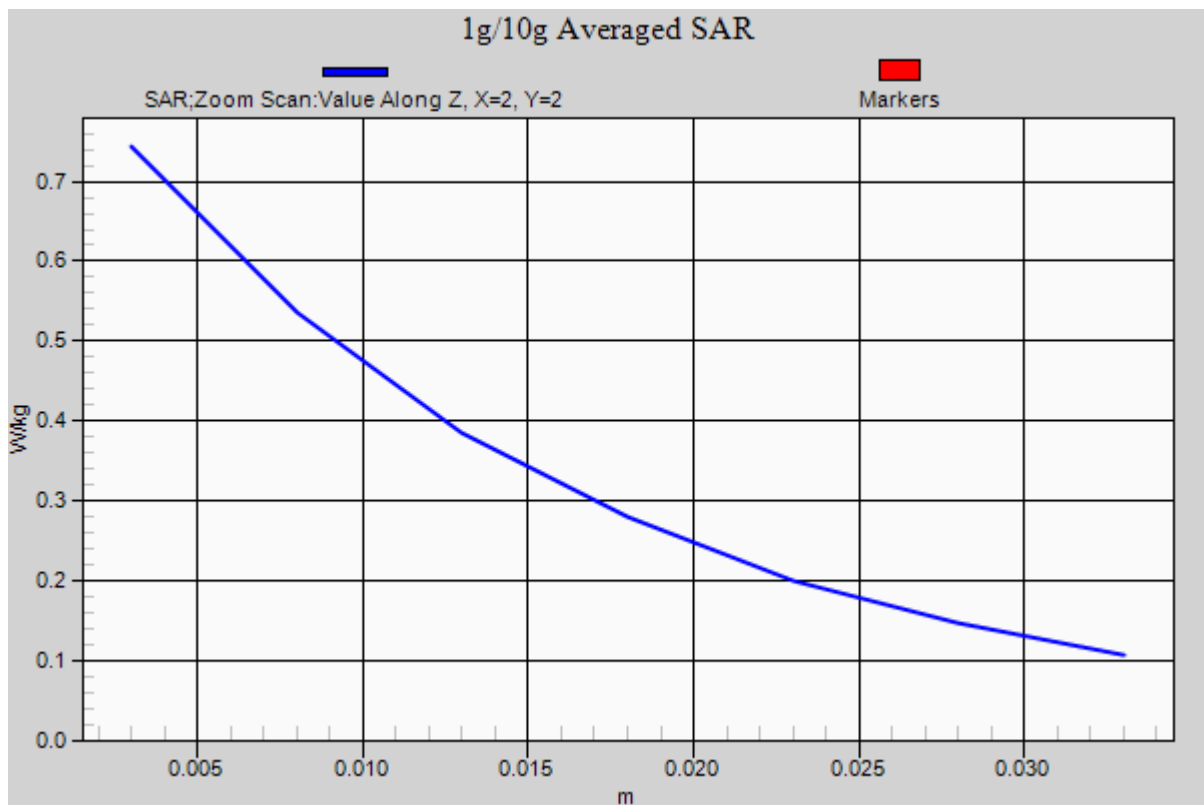
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.459 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 51.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.95, 4.95, 4.95); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 20.5

1.0 cm sapce from Body, Rear, PCS1900 Ch. 661, Ant Internal

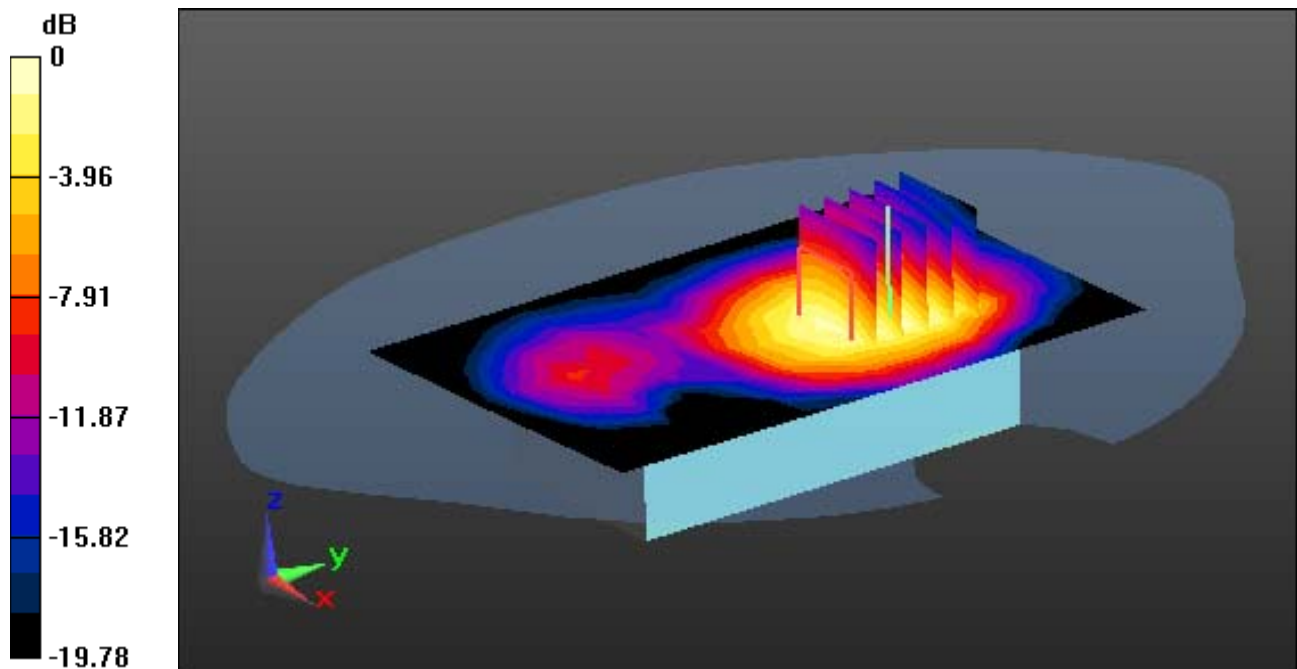
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.250 W/kg



0 dB = 0.484 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 51.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.95, 4.95, 4.95); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 20.5

1.0 cm sapce from Body, Rear, PCS1900 Ch. 661, Ant Internal

With Enlarge plot image

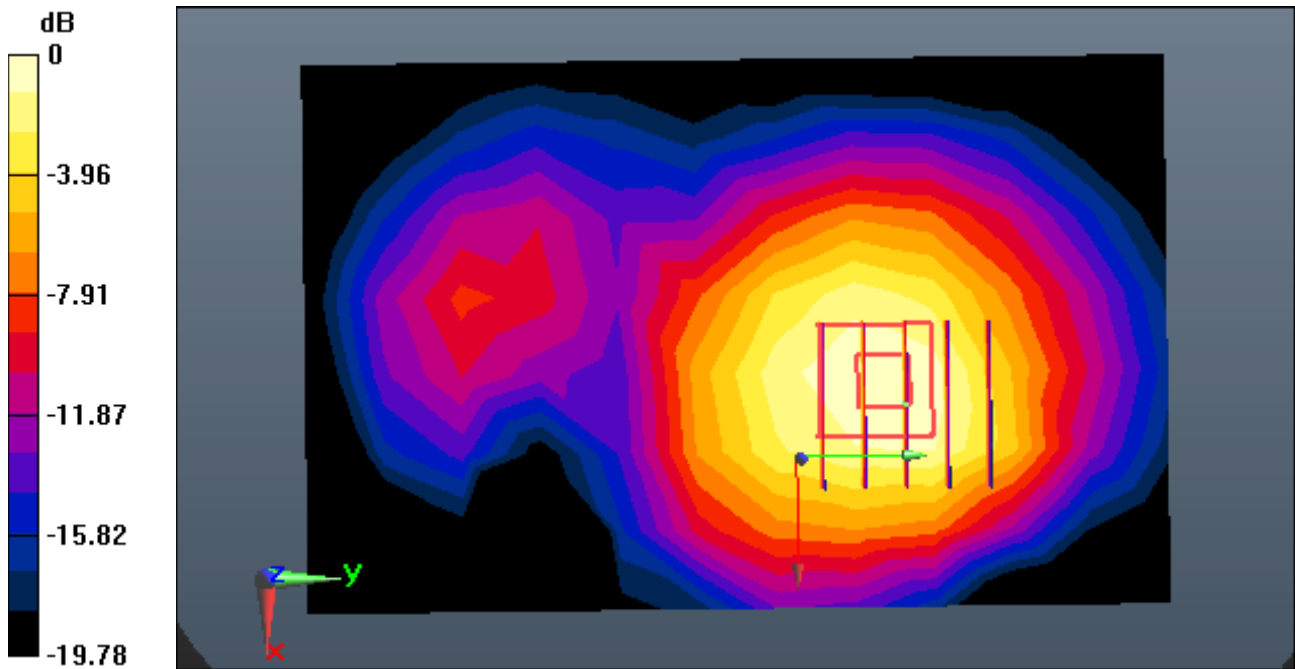
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.250 W/kg



0 dB = 0.484 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 51.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.95, 4.95, 4.95); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 20.5

1.0 cm sapce from Body, Rear, PCS1900 Ch. 661, Ant Internal

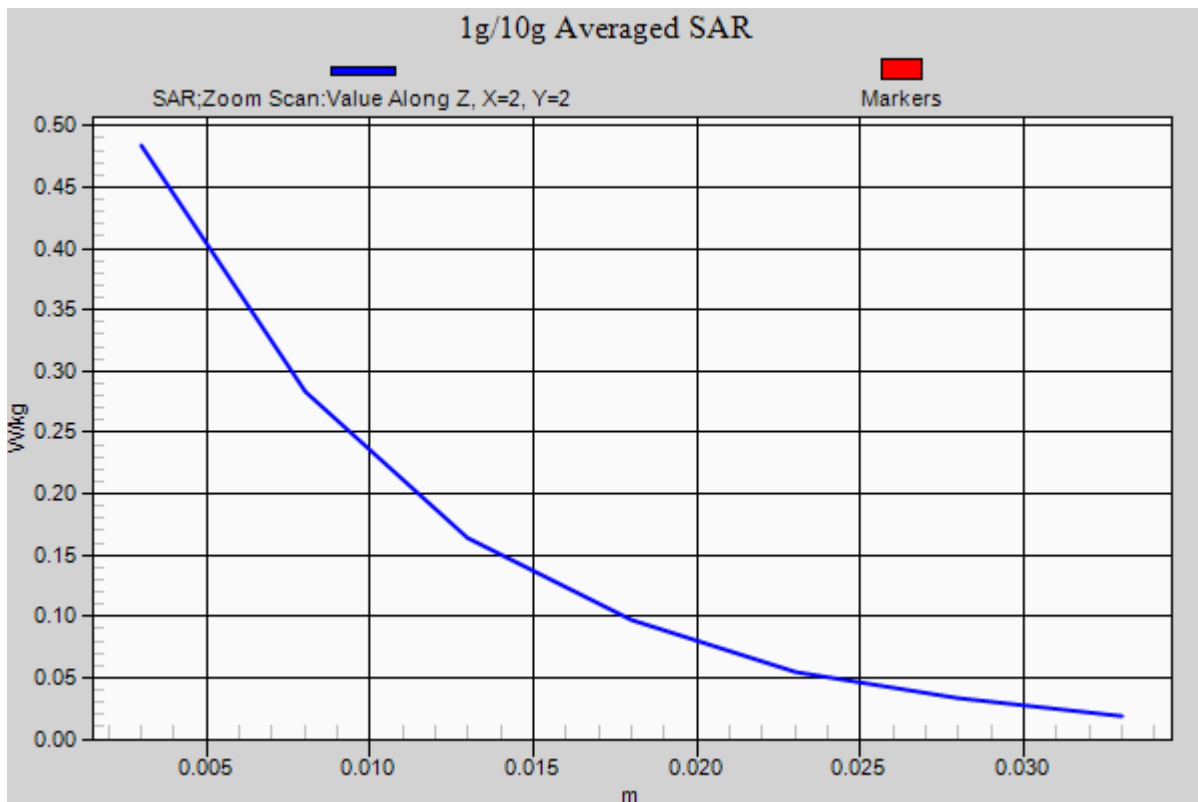
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.250 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 51.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.95, 4.95, 4.95); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 20.5

1.0 cm sapce from Body, Rear, PCS1900 GPRS 2Tx Ch. 661, Ant Internal

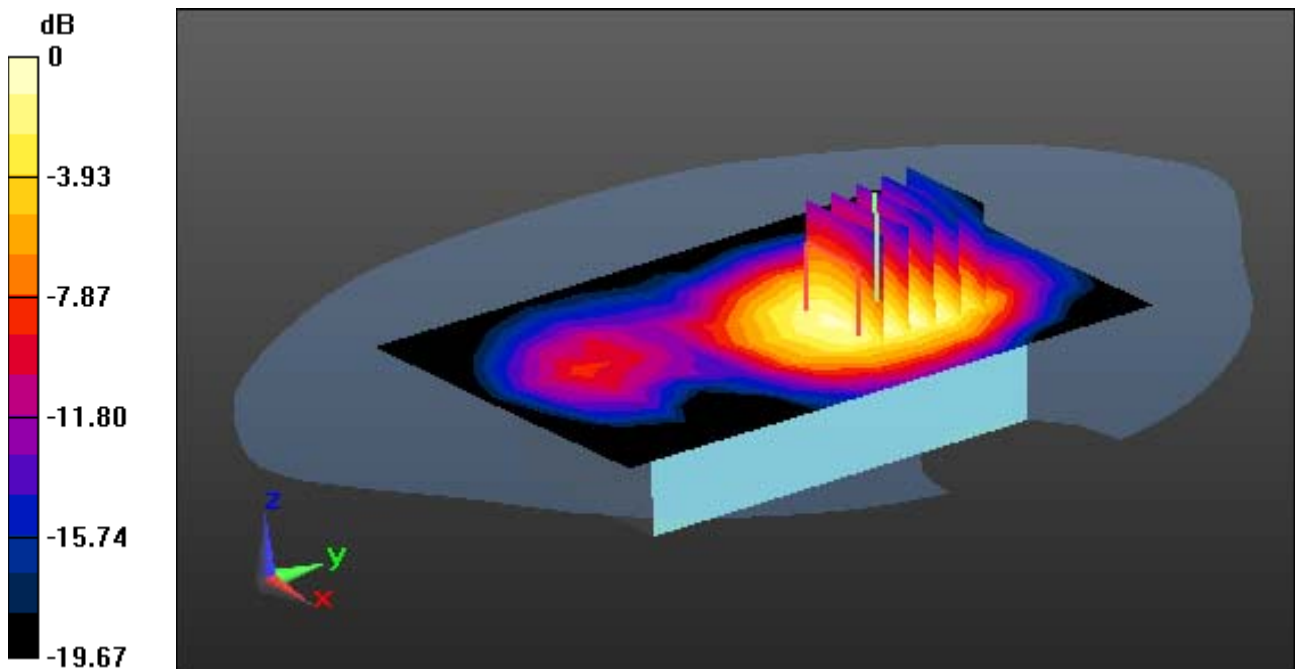
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.330 W/kg



0 dB = 0.631 W/kg

A10

DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 51.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.95, 4.95, 4.95); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 20.5

1.0 cm sapce from Body, Rear, PCS1900 GPRS 2Tx Ch. 661, Ant Internal

With Enlarge plot image

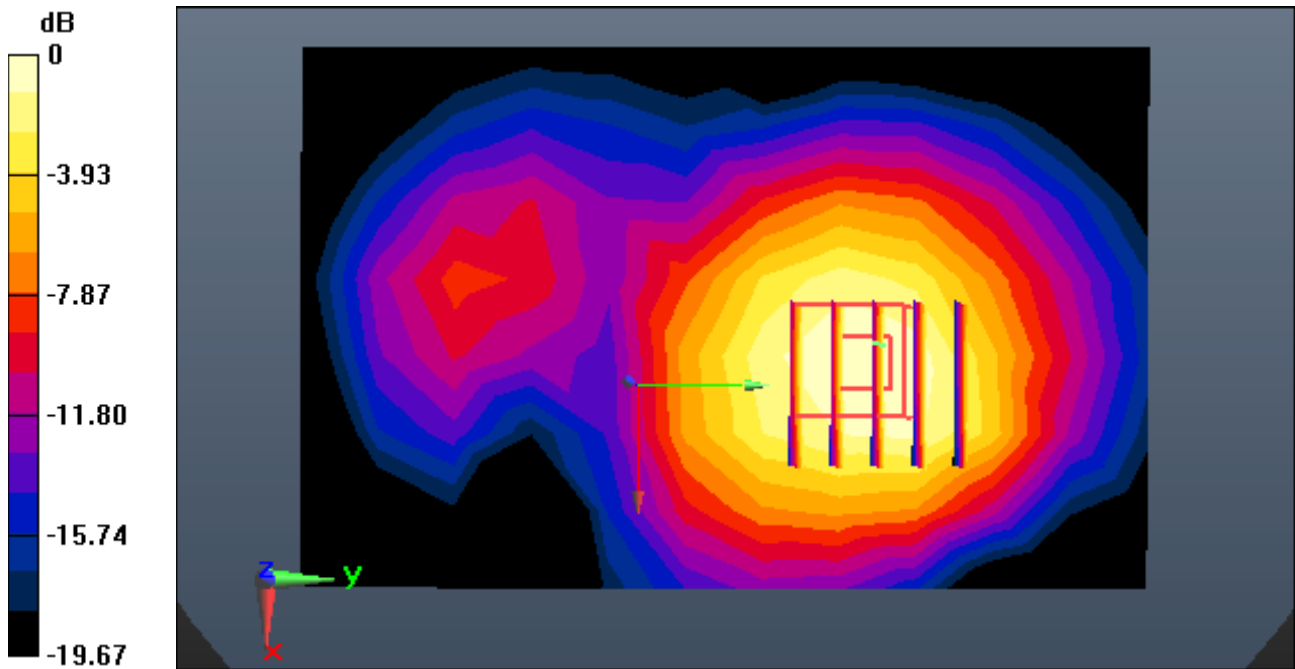
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.330 W/kg



0 dB = 0.631 W/kg

A10

DT&C Co., Ltd.

DUT: DA27; Type: Folder

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 51.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.95, 4.95, 4.95); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392

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: 2016-12-19; Ambient Temp: 21.1; Tissue Temp: 20.5

1.0 cm sapce from Body, Rear, PCS1900 GPRS 2Tx Ch. 661, Ant Internal

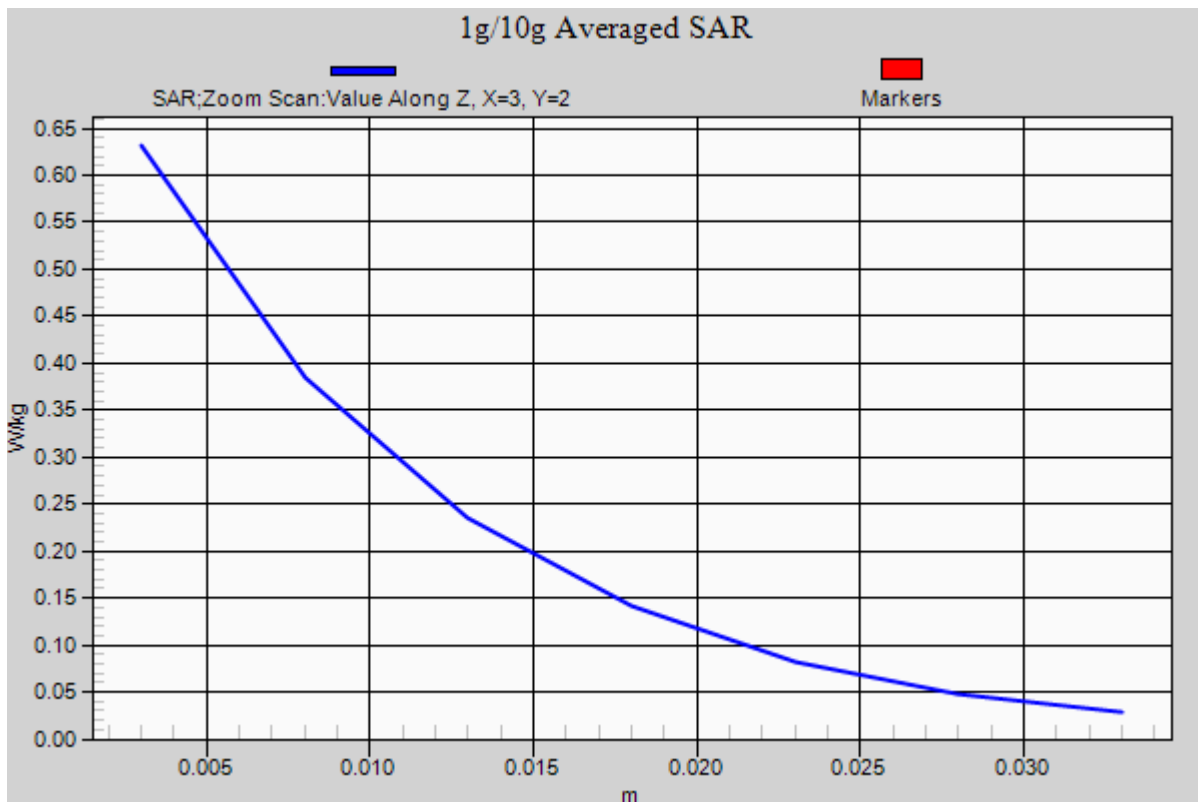
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.330 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.003 \text{ S/m}$; $\epsilon_r = 53.81$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 20.8

1.0 cm sapce from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

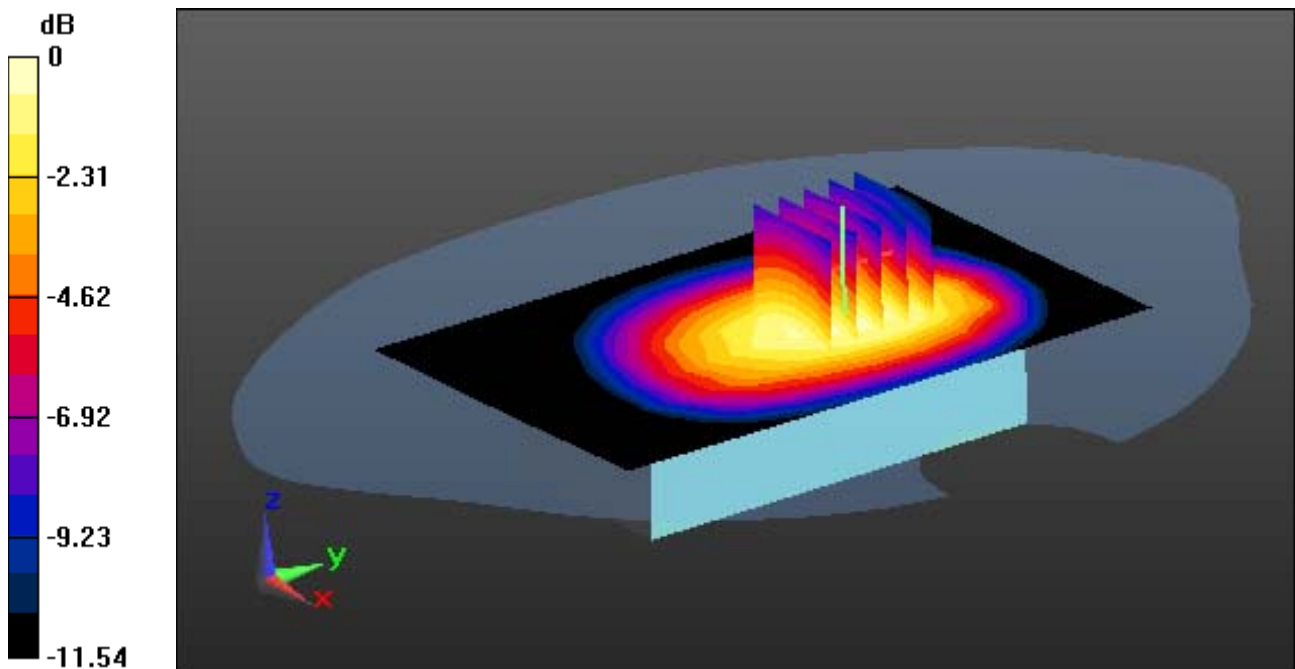
Area Scan (8x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.699 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.367 W/kg



0 dB = 0.583 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.003 \text{ S/m}$; $\epsilon_r = 53.81$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 20.8

1.0 cm sapce from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

With Enlarge plot image

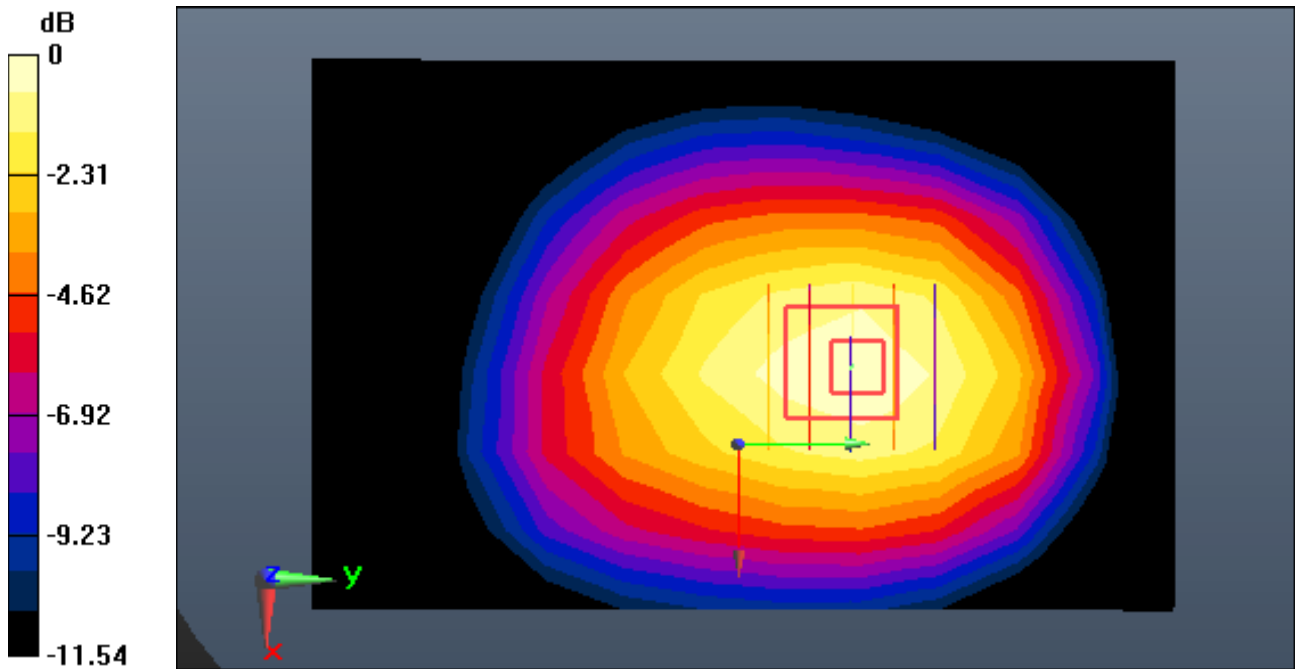
Area Scan (8x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.699 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.367 W/kg



0 dB = 0.583 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 53.81$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(6.48, 6.48, 6.48); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-20; Ambient Temp: 21.3; Tissue Temp: 20.8

1.0 cm sapce from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

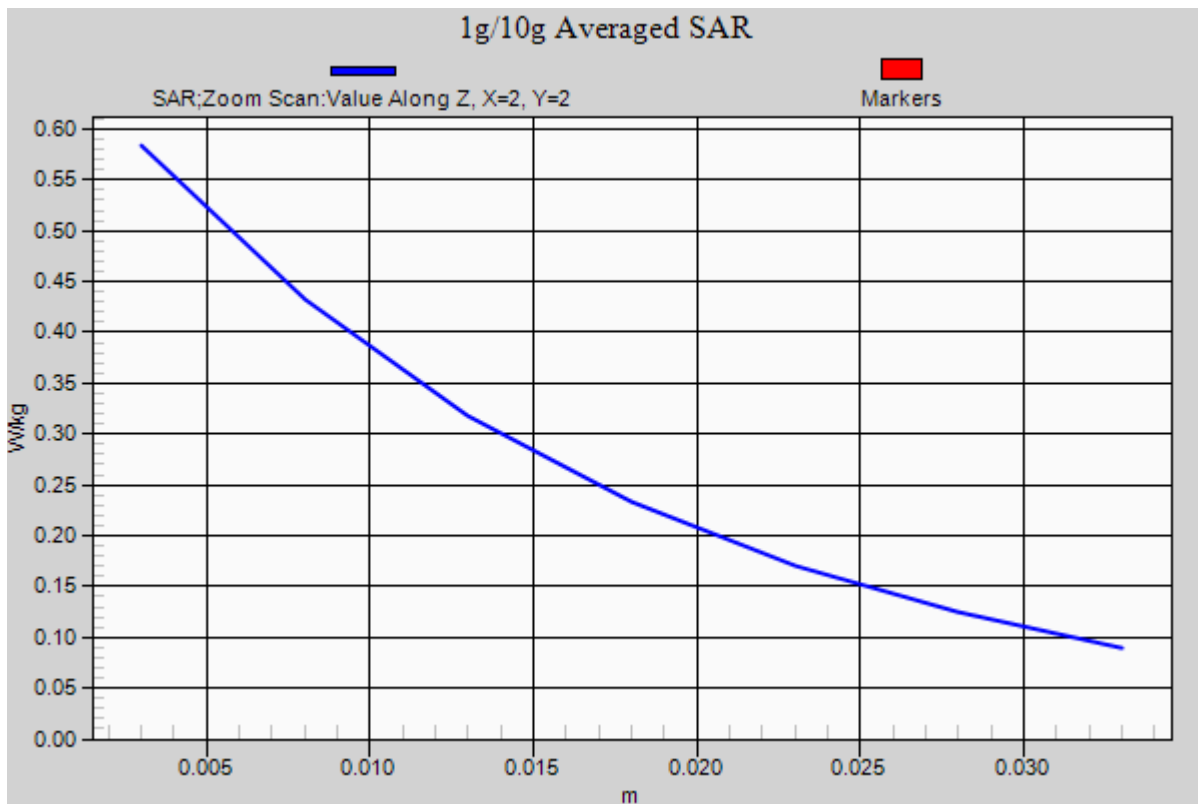
Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.367 W/kg



DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.903$ S/m; $\epsilon_r = 51.269$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.52, 4.52, 4.52); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.0

1.0 cm sapce from Body, Rear, 2.4G W-LAN(802.11b) Ch. 6, Ant Internal

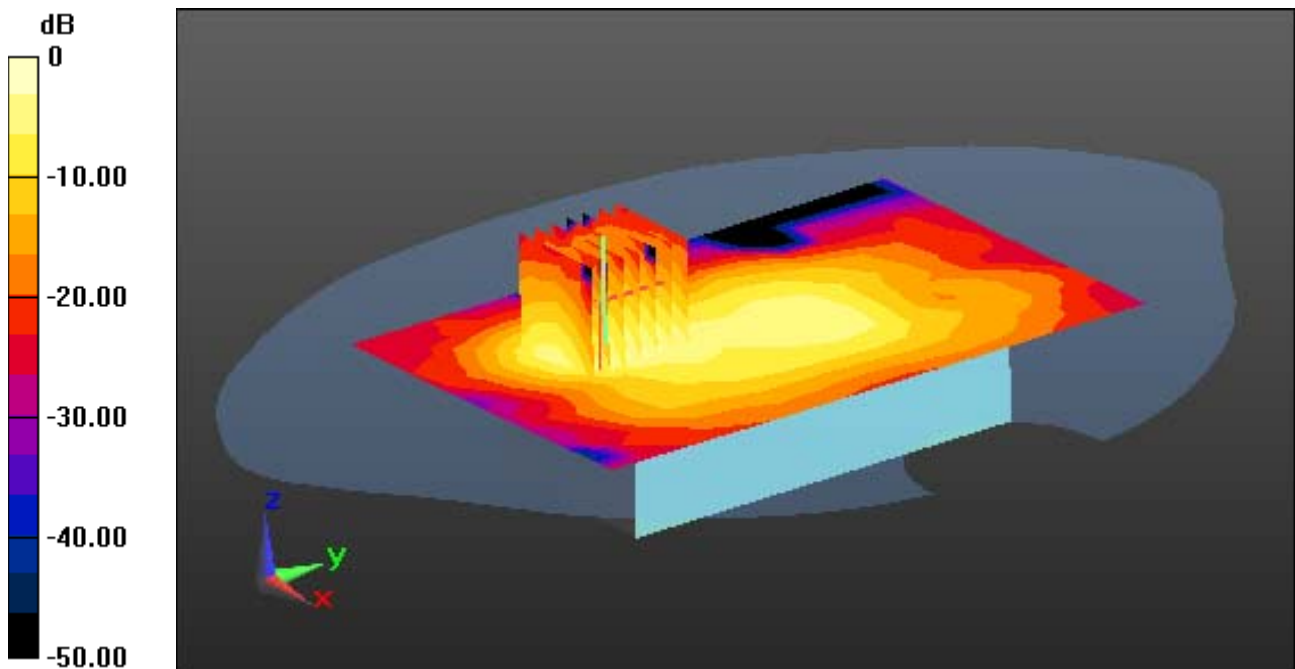
Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.157 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.903$ S/m; $\epsilon_r = 51.269$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.52, 4.52, 4.52); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.0

1.0 cm sapce from Body, Rear, 2.4G W-LAN(802.11b) Ch. 6, Ant Internal

With Enlarge plot image

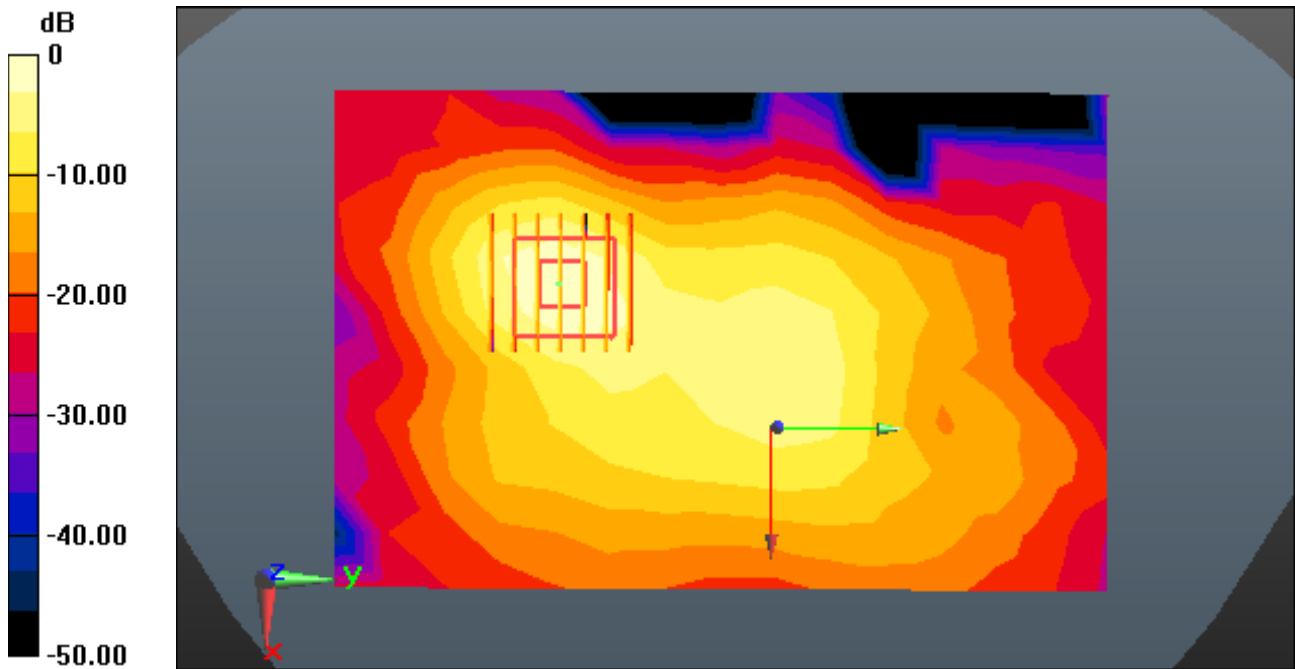
Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.157 W/kg

DT&C Co., Ltd.

DUT: DA27; Type: Folder

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.903$ S/m; $\epsilon_r = 51.269$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(4.52, 4.52, 4.52); Calibrated: 8/30/2016; Electronics: DAE4 Sn1392
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: 2016-12-15; Ambient Temp: 21.4; Tissue Temp: 21.0

1.0 cm sapce from Body, Rear, 2.4G W-LAN(802.11b) Ch. 6, Ant Internal

Area Scan (10x15x1): 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) = 0.260 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.052 W/kg

