SAR Plots

- Verification Plots
- SAR Test Plots

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DT&C Co., Ltd.

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

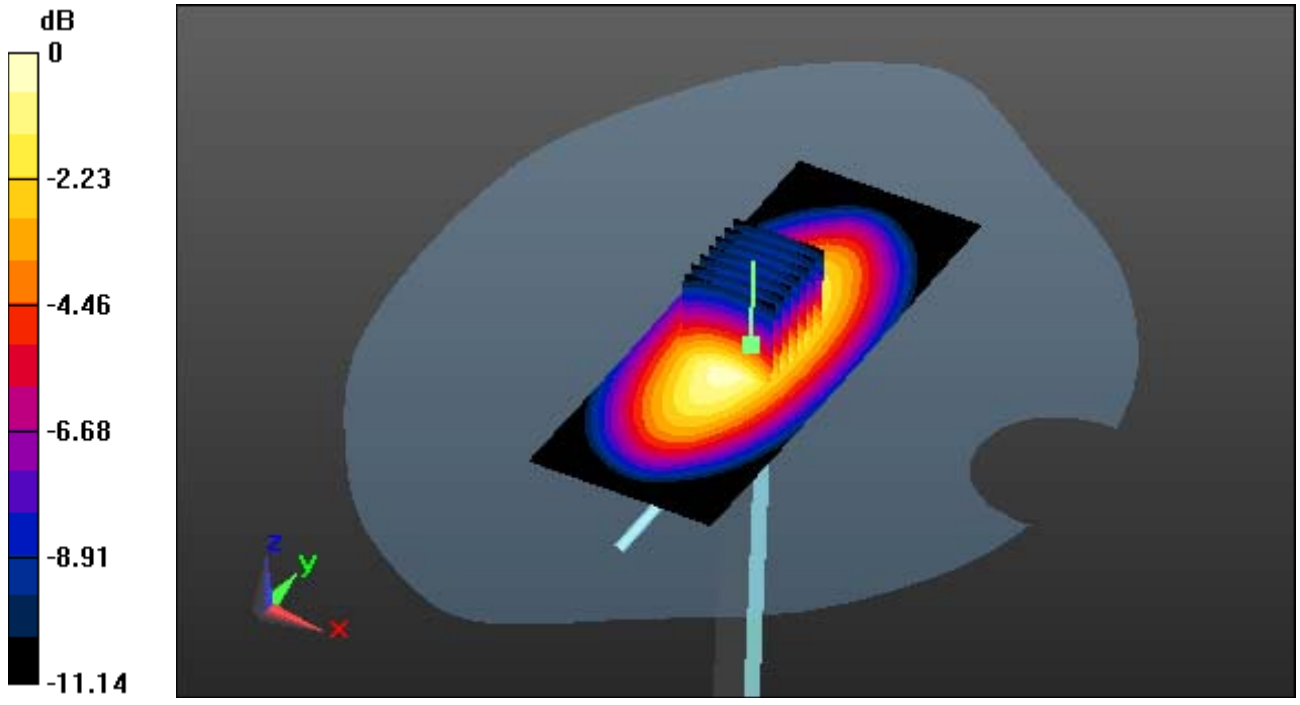
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.916 S/m; ε_r = 42.529; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9 Tissue Temp:22.2

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.83 W/kg
SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.52 W/kg



0 dB = 2.67 W/kg

DT&C Co., Ltd.

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

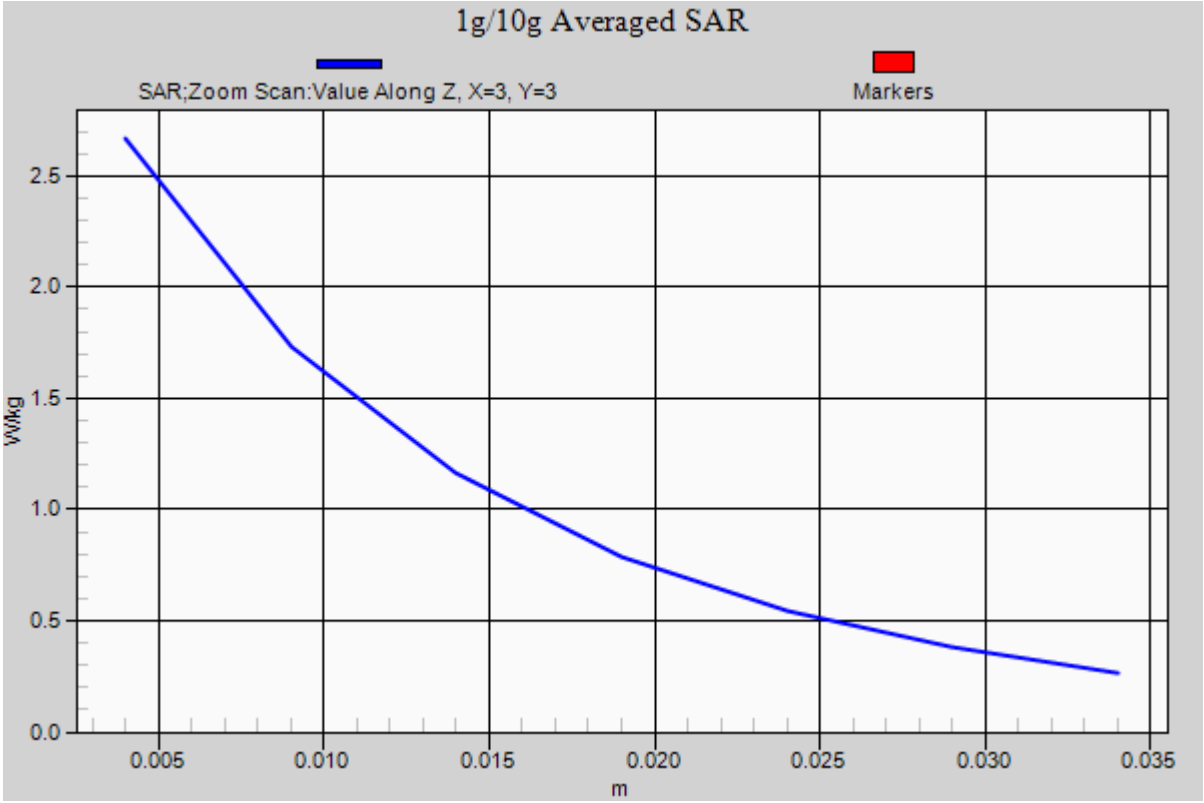
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.916 S/m; ε_r = 42.529; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9 Tissue Temp:22.2

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.83 W/kg
SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.52 W/kg



DT&C Co., Ltd.

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

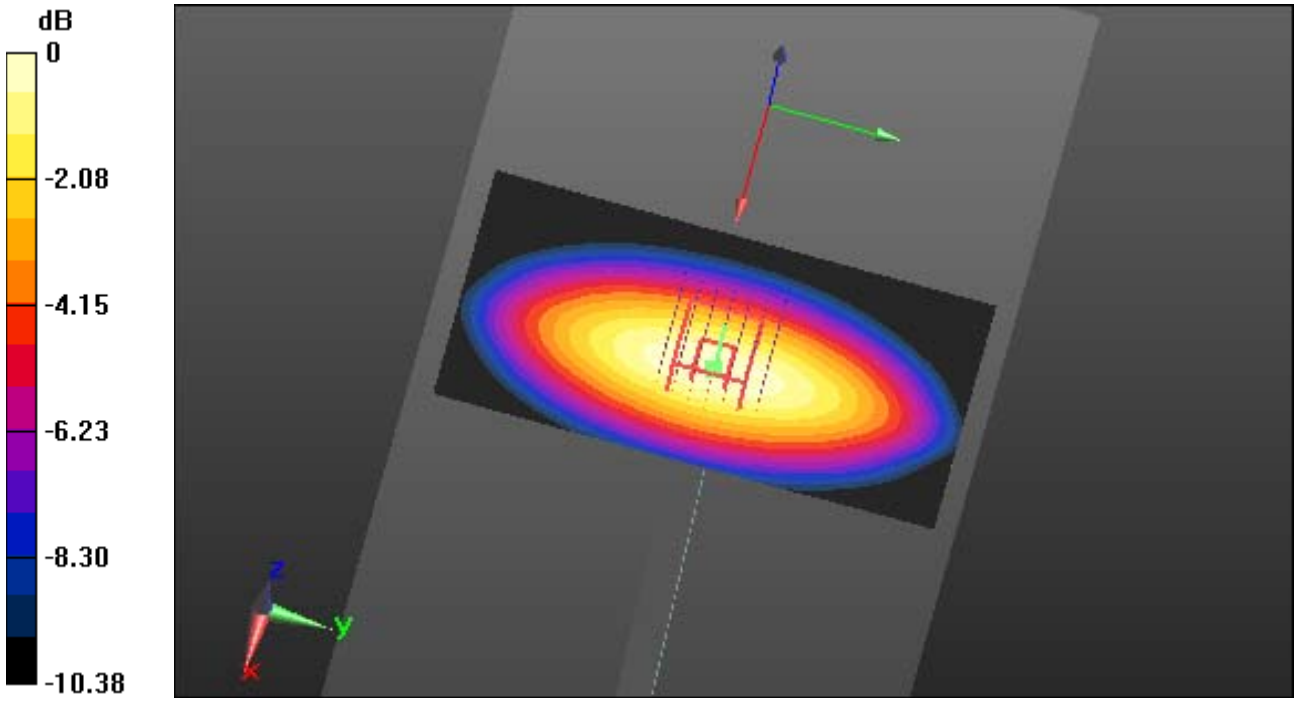
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.996 S/m; ε_r = 54.696; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-08-28; Ambient Temp: 21.9 Tissue Temp:22.2

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.61 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.57 W/kg



0 dB = 2.47 W/kg

DT&C Co., Ltd.

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

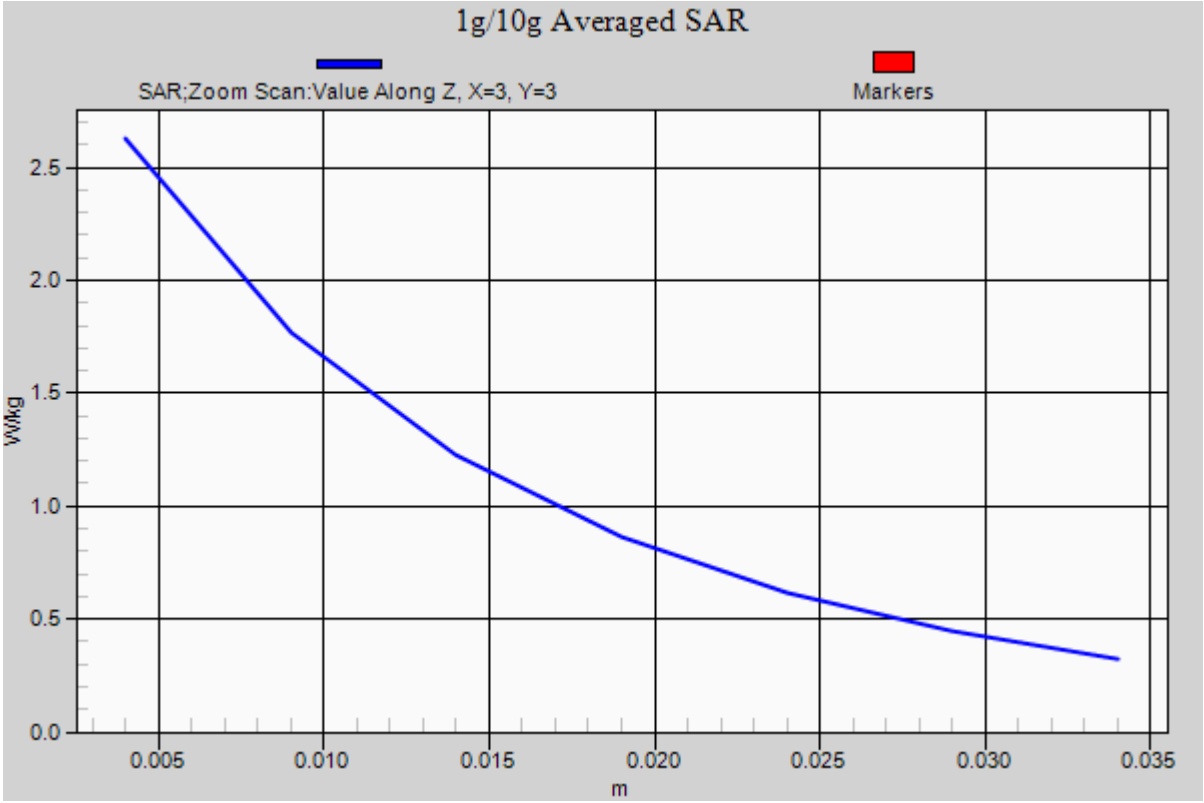
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.996 S/m; ε_r = 54.696; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-08-28; Ambient Temp: 21.9 Tissue Temp:22.2

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.61 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.57 W/kg



DT&C Co., Ltd.

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

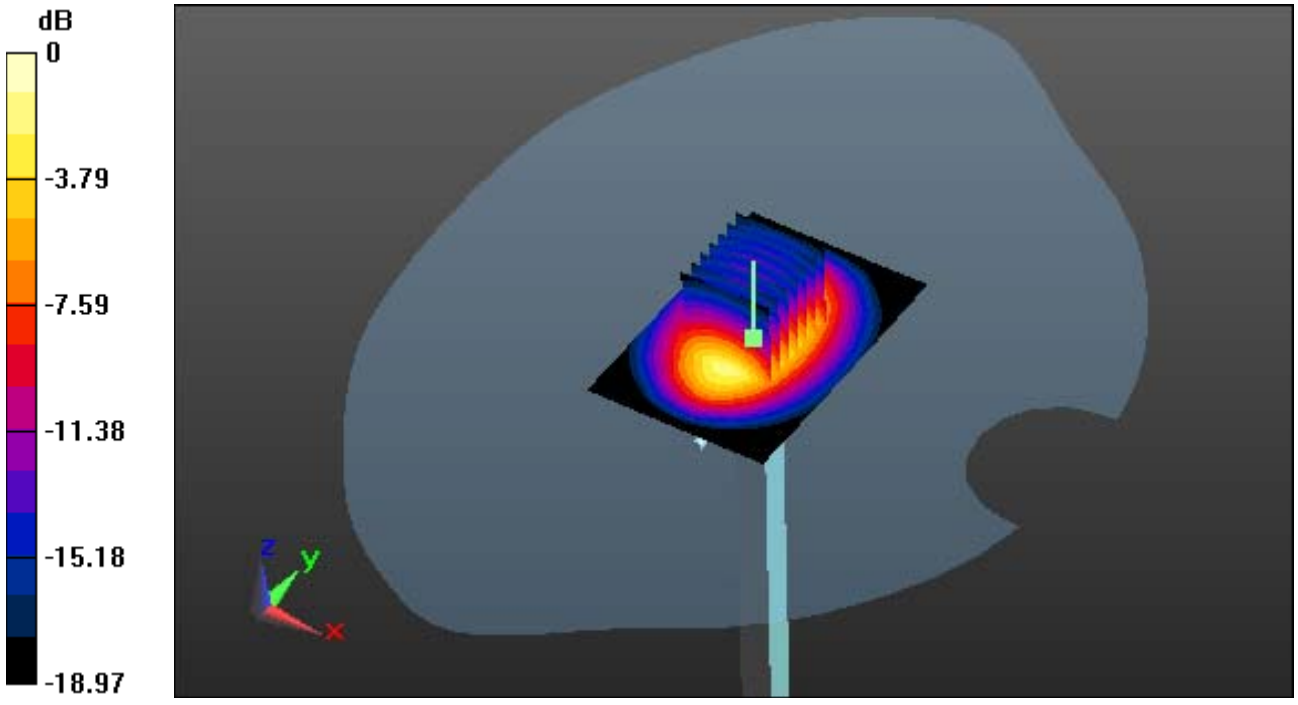
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.404 S/m; ε_r = 40.061; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0 Tissue Temp:22.4

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.05 W/kg



0 dB = 13.8 W/kg

DT&C Co., Ltd.

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

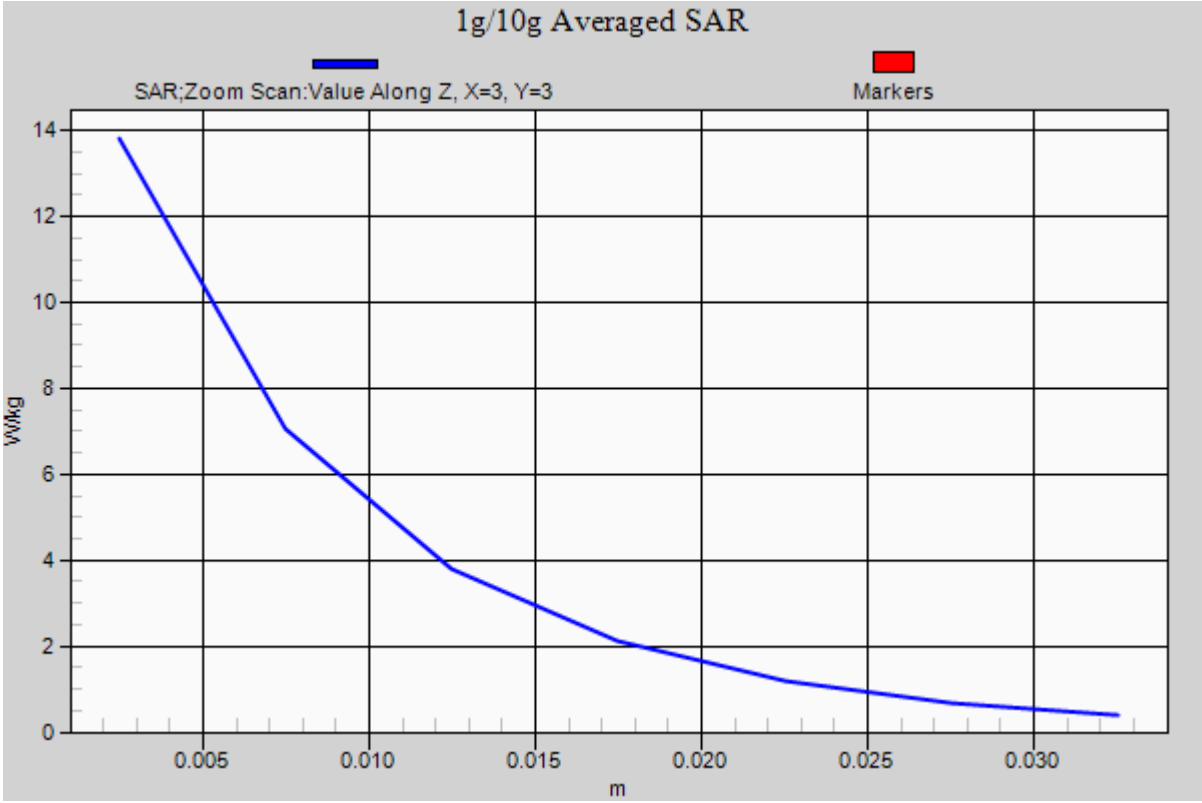
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.404 S/m; ε_r = 40.061; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0 Tissue Temp:22.4

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.05 W/kg



DT&C Co., Ltd.

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

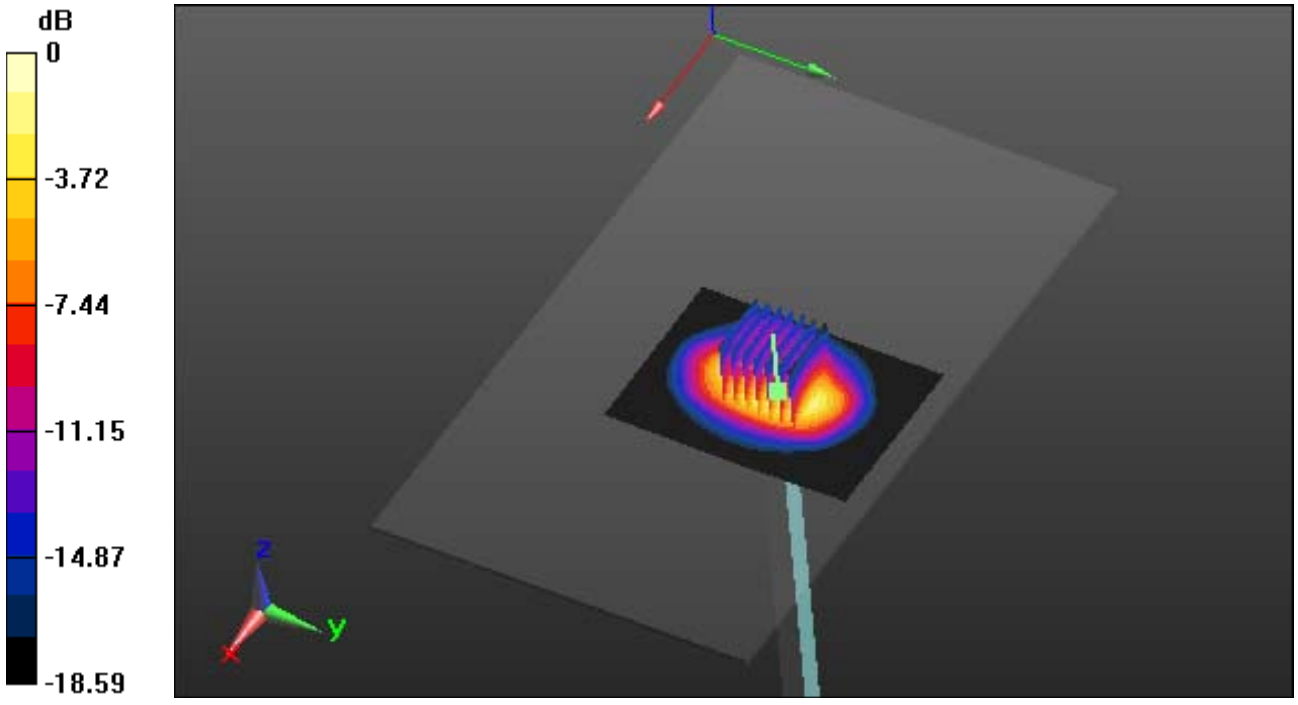
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.517 S/m; ε_r = 52.967; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-02; Ambient Temp: 22.0 Tissue Temp:22.4

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 19.7 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.3 W/kg



0 dB = 14.1 W/kg

DT&C Co., Ltd.

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

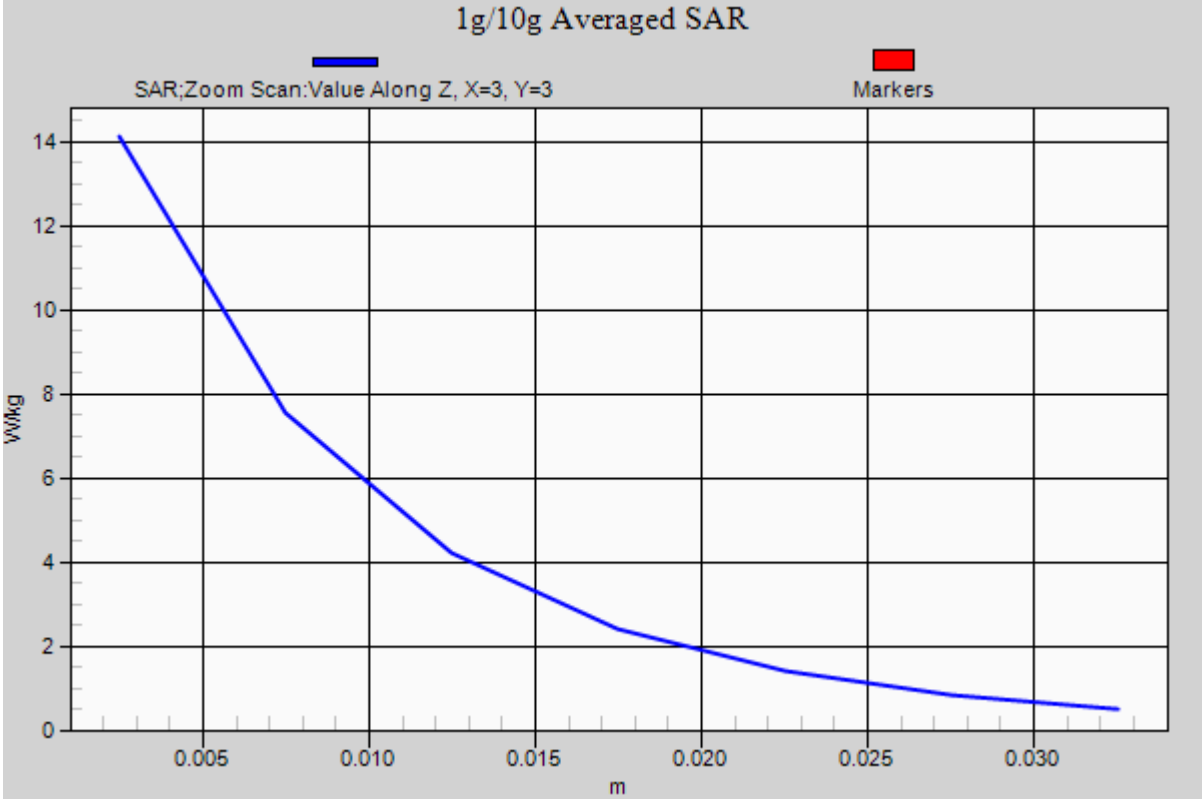
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.517 S/m; ε_r = 52.967; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-02; Ambient Temp: 22.0 Tissue Temp:22.4

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 19.7 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.3 W/kg



DT&C Co., Ltd.

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

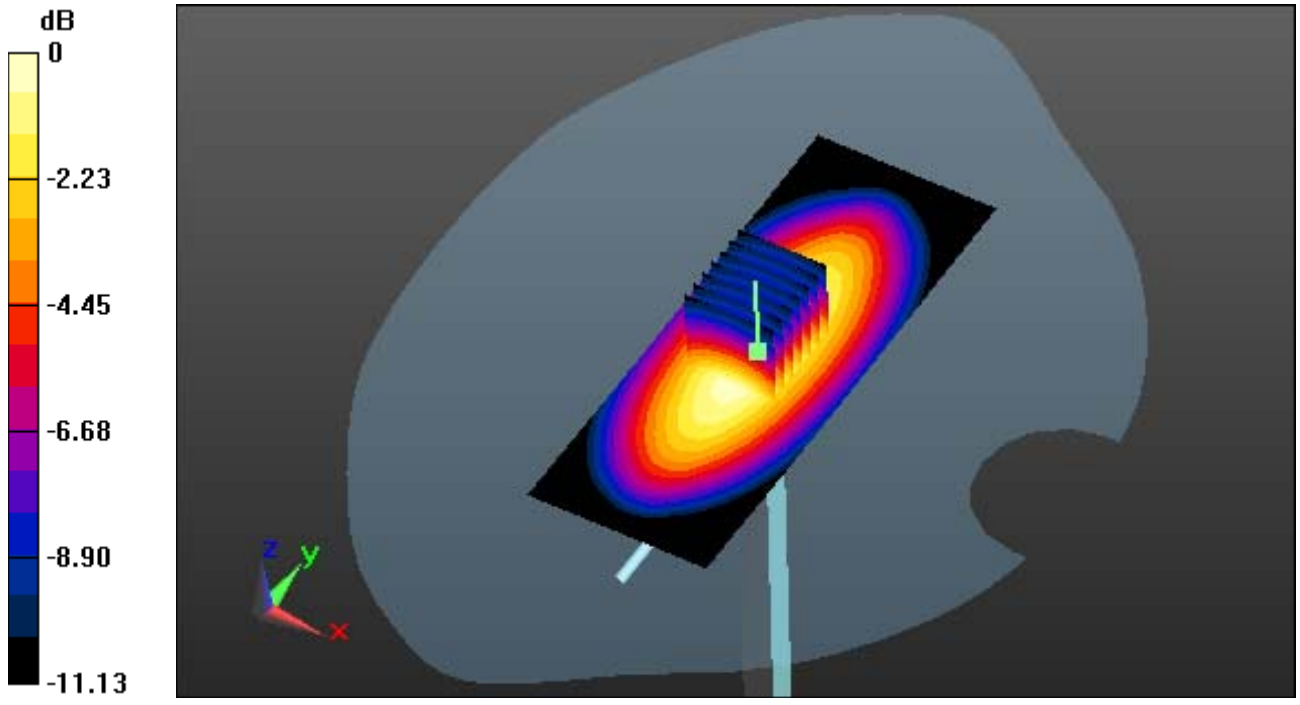
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.918 S/m; ε_r = 42.229; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2 Tissue Temp:22.5

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.84 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.56 W/kg



0 dB = 2.67 W/kg

DT&C Co., Ltd.

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

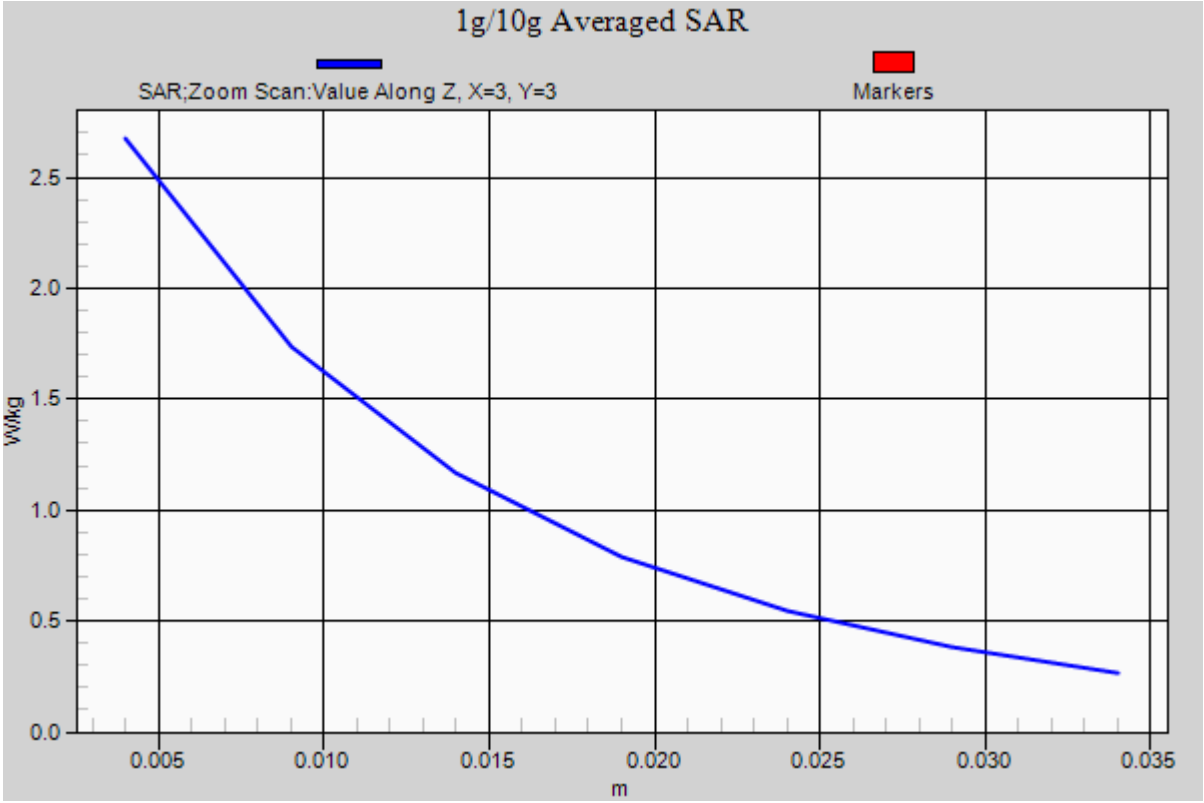
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.918 S/m; ε_r = 42.229; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2 Tissue Temp:22.5

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.84 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.56 W/kg



DT&C Co., Ltd.

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

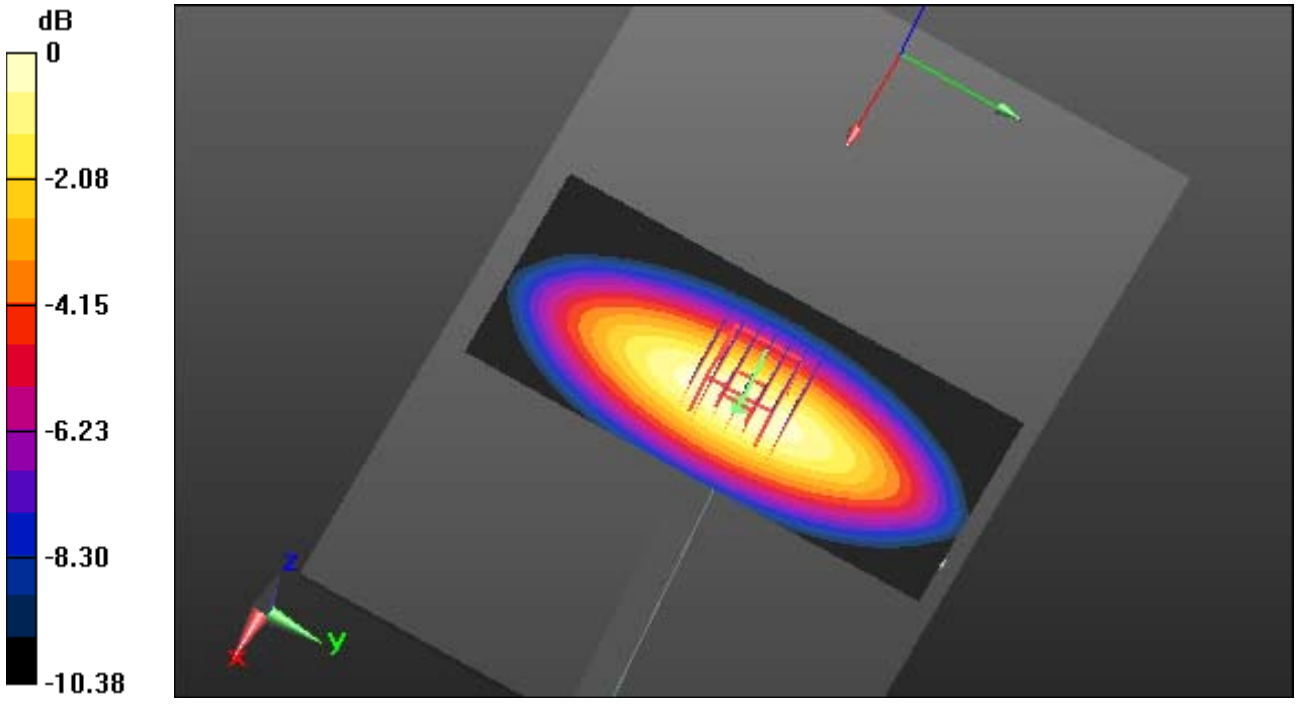
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.991 S/m; ε_r = 53.669; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-08-27; Ambient Temp: 22.2 Tissue Temp:22.5

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg



0 dB = 2.61 W/kg

DT&C Co., Ltd.

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

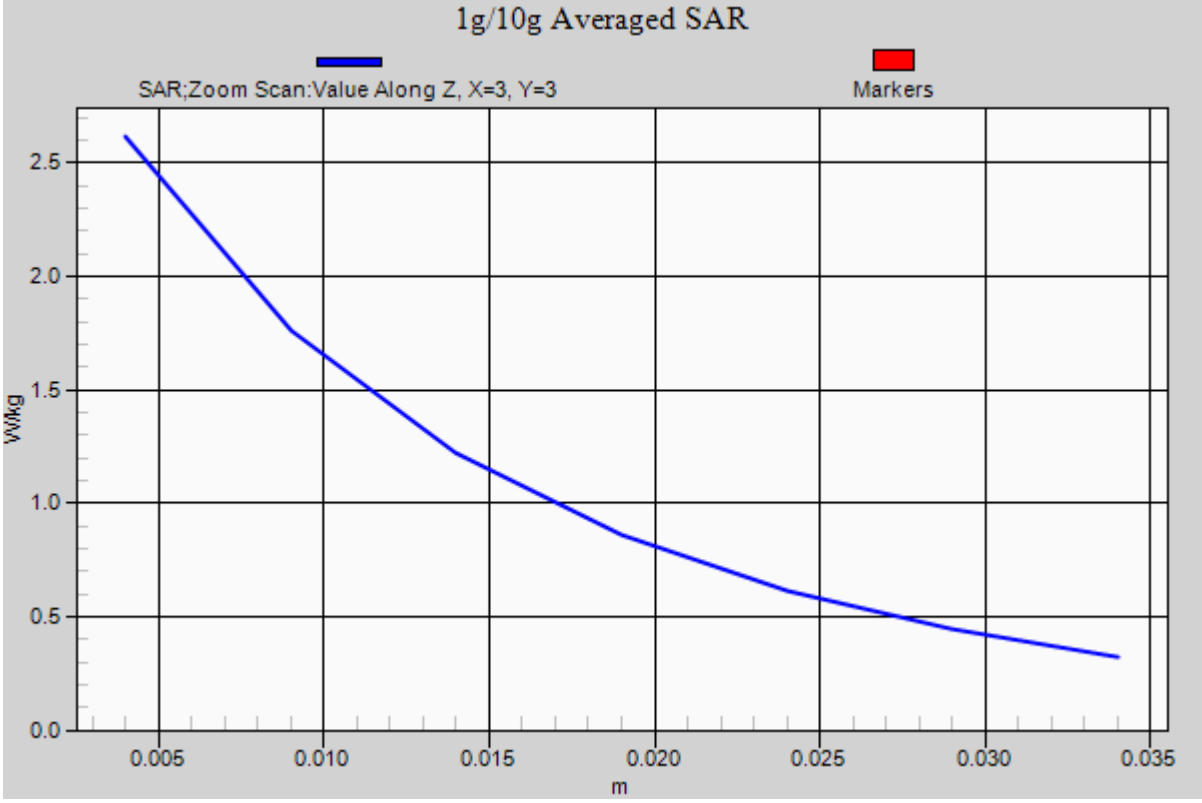
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.991 S/m; ε_r = 53.669; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-08-27; Ambient Temp: 22.2 Tissue Temp:22.5

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg



DT&C Co., Ltd.

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

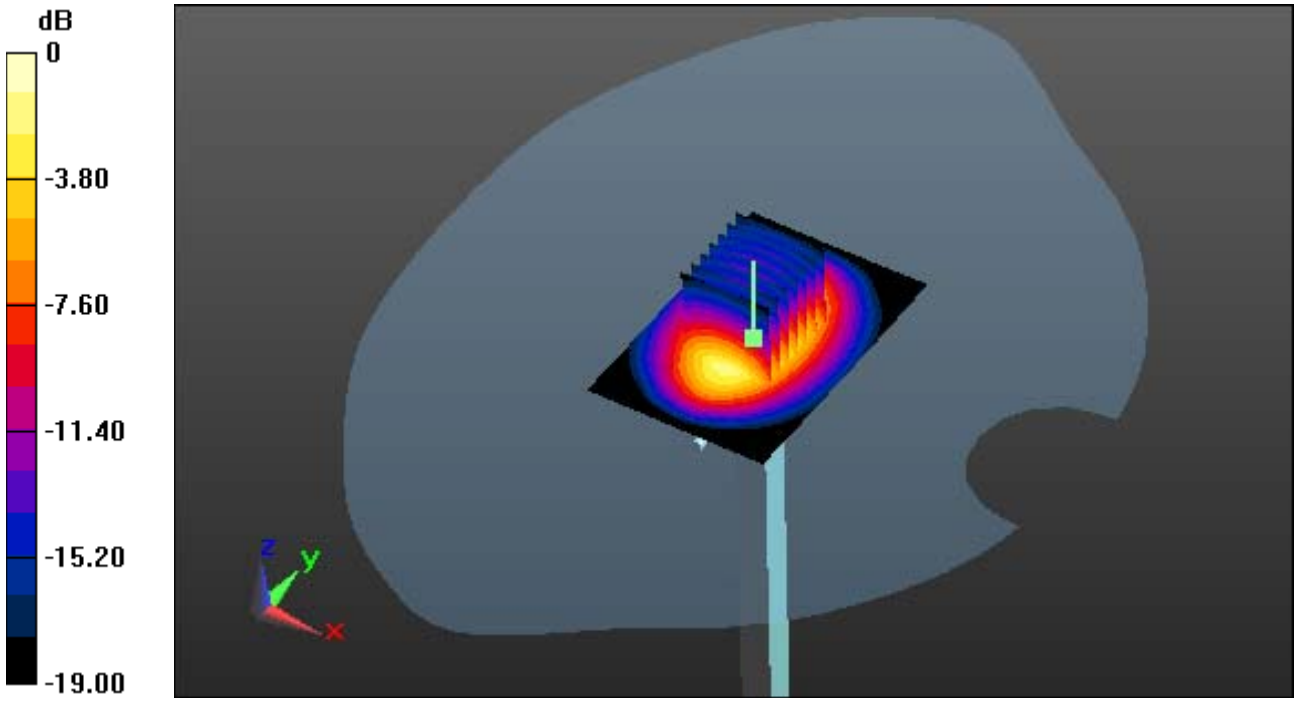
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.419 S/m; ε_r = 39.984; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8 Tissue Temp:22.3

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 20.4 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.27 W/kg



0 dB = 14.4 W/kg

DT&C Co., Ltd.

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

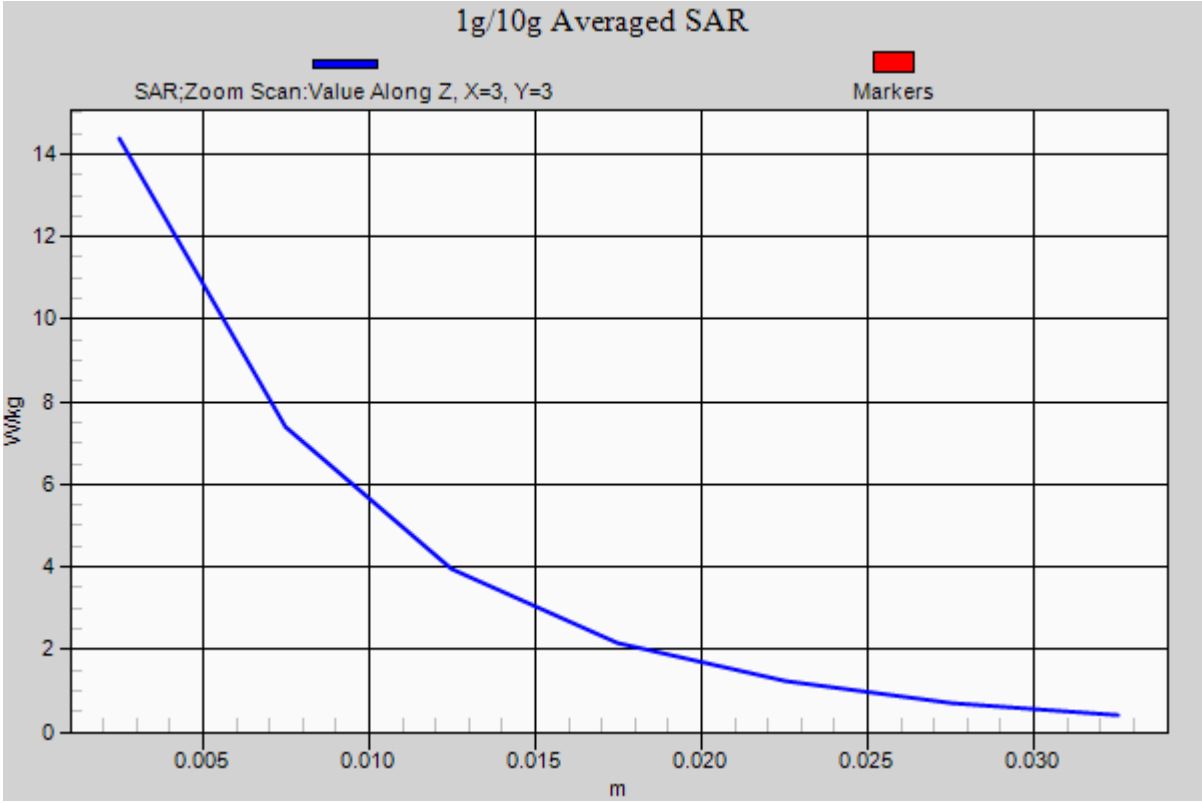
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.419 S/m; ε_r = 39.984; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8 Tissue Temp:22.3

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 20.4 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.27 W/kg



DT&C Co., Ltd.

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

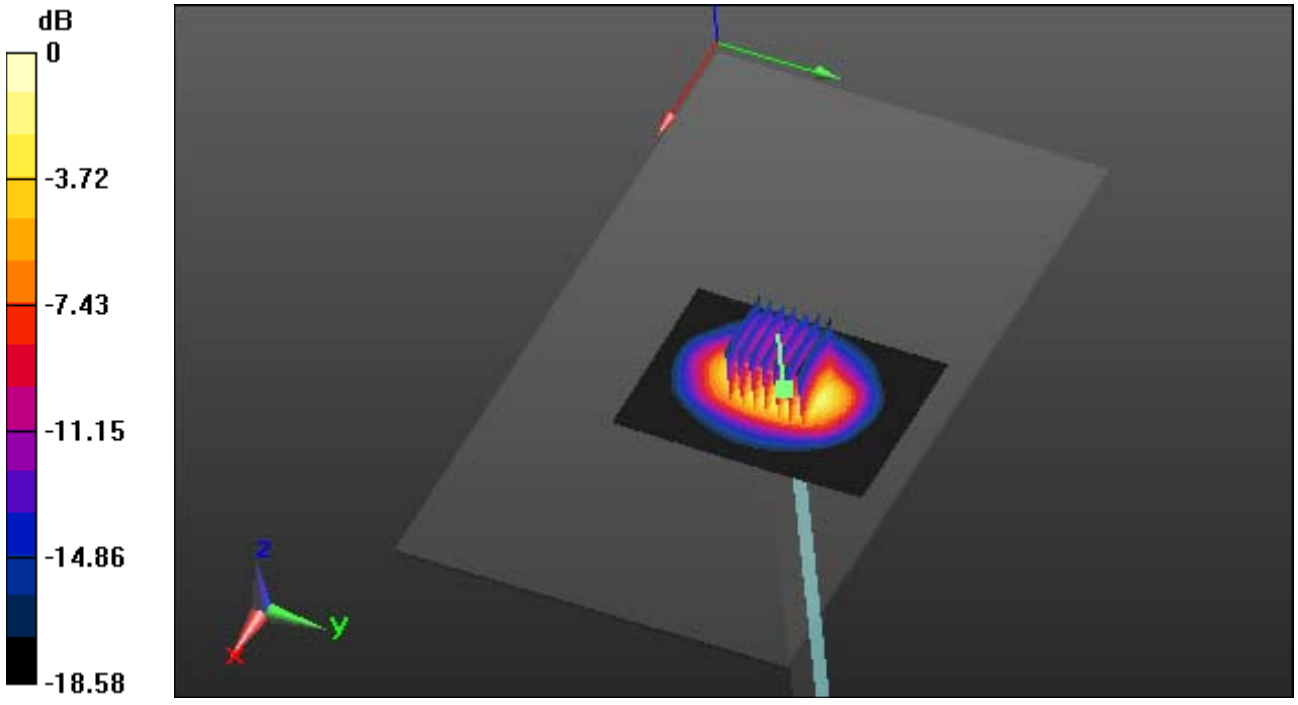
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.53 S/m; ε_r = 52.158; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-01; Ambient Temp: 21.8 Tissue Temp:22.3

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 19.9 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.34 W/kg



0 dB = 14.2 W/kg

DT&C Co., Ltd.

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

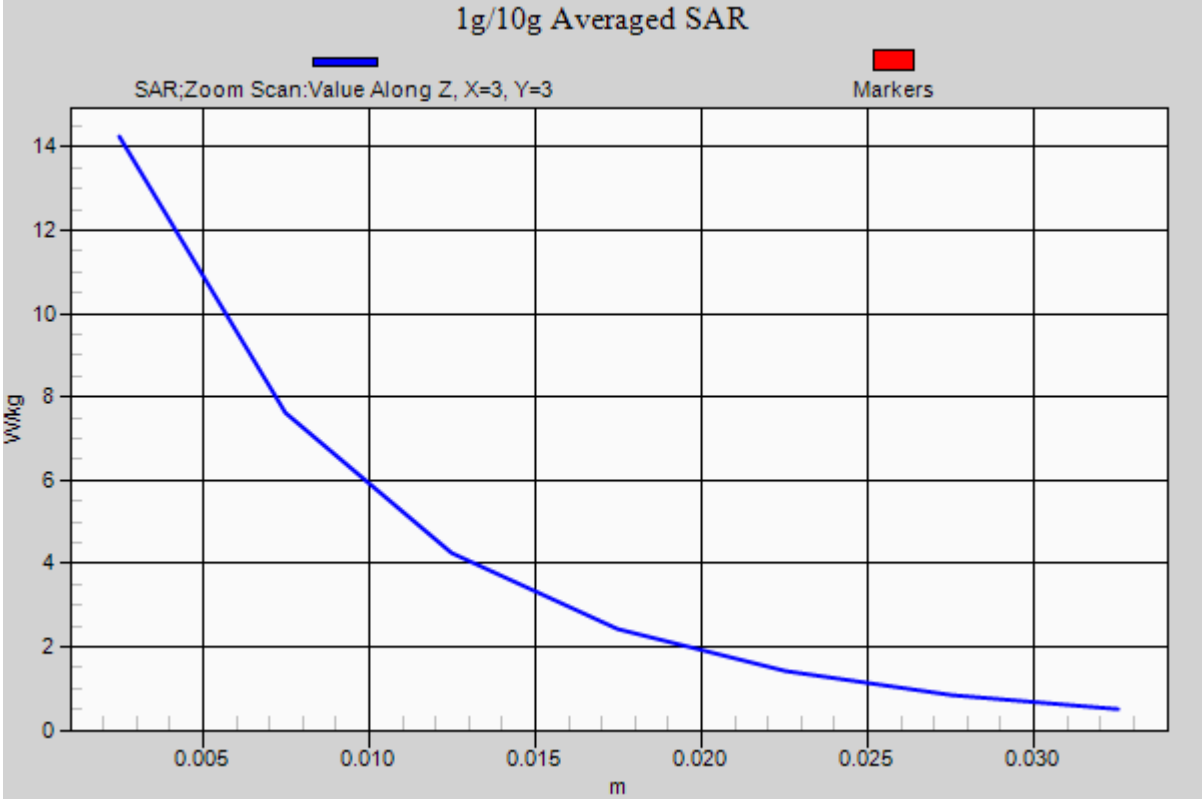
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.53 S/m; ε_r = 52.158; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-08-01; Ambient Temp: 21.8 Tissue Temp:22.3

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 19.9 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.34 W/kg



DT&C Co., Ltd.

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

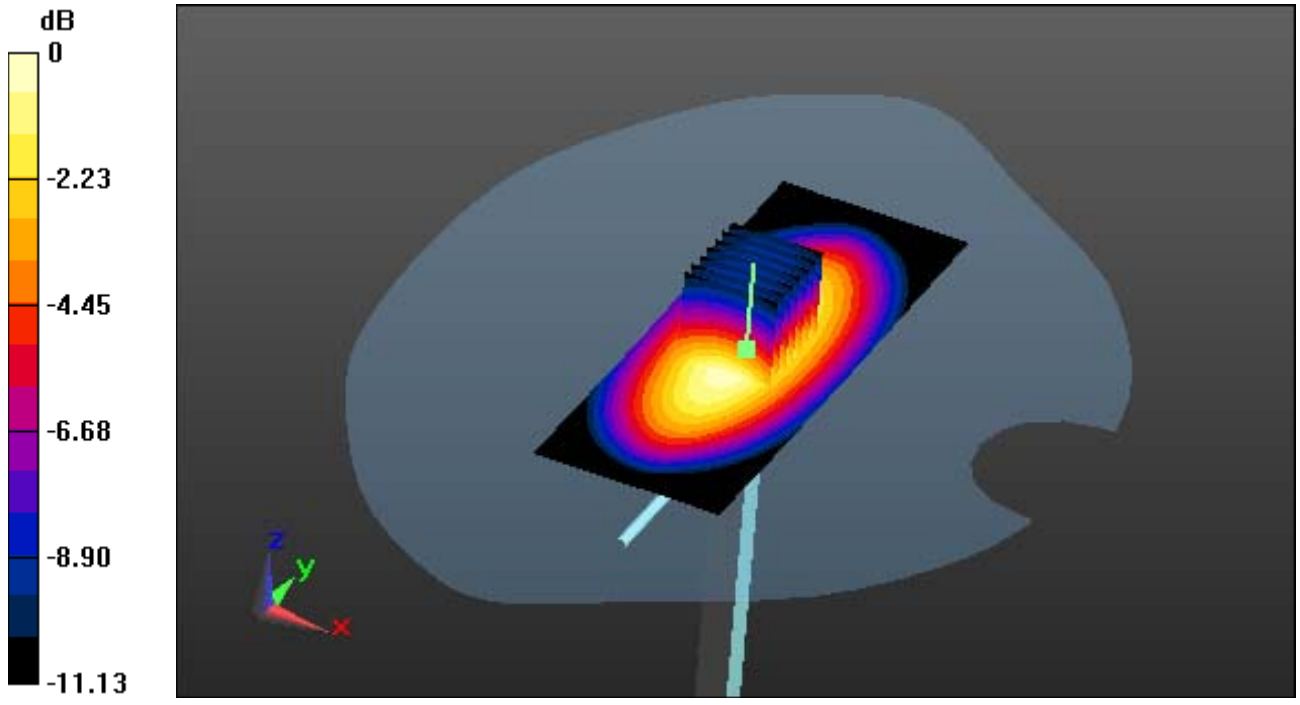
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.924 S/m; ε_r = 42.623; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4 Tissue Temp:22.7

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.87 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.57 W/kg



0 dB = 2.69 W/kg

DT&C Co., Ltd.

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

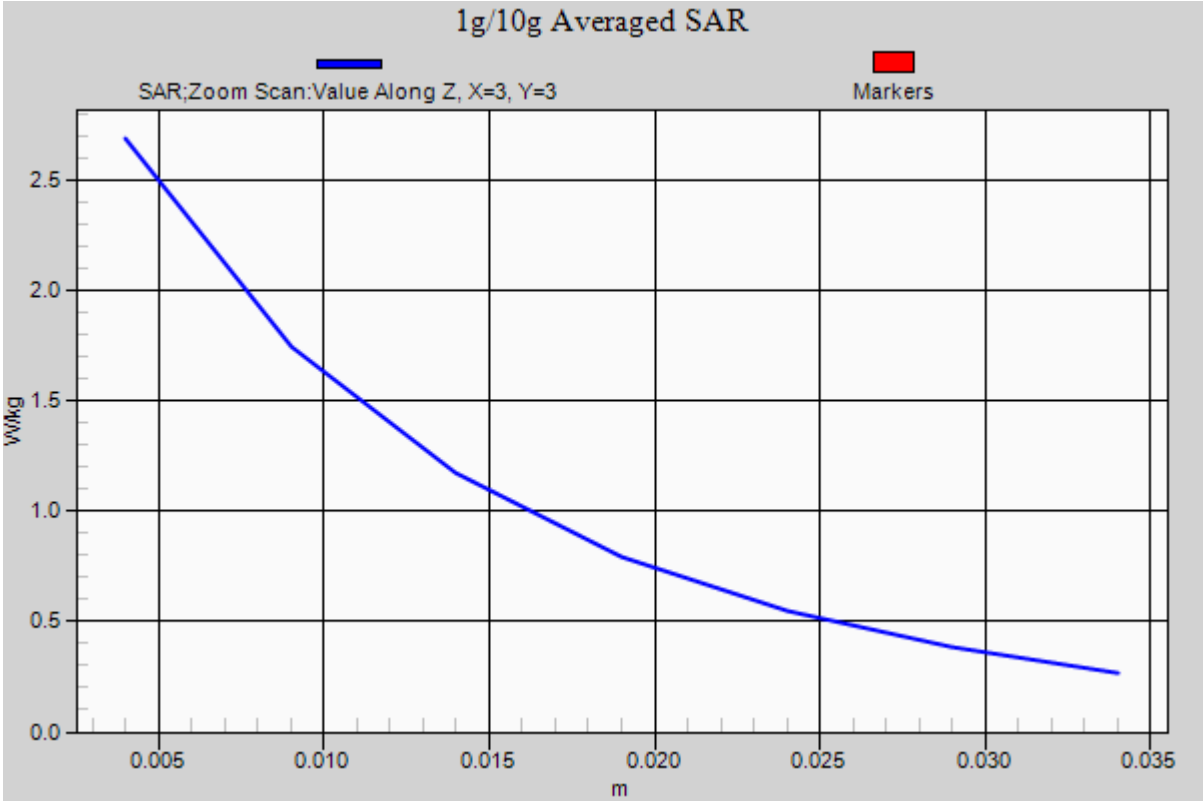
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.924 S/m; ε_r = 42.623; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4 Tissue Temp:22.7

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.87 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.57 W/kg



DT&C Co., Ltd.

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

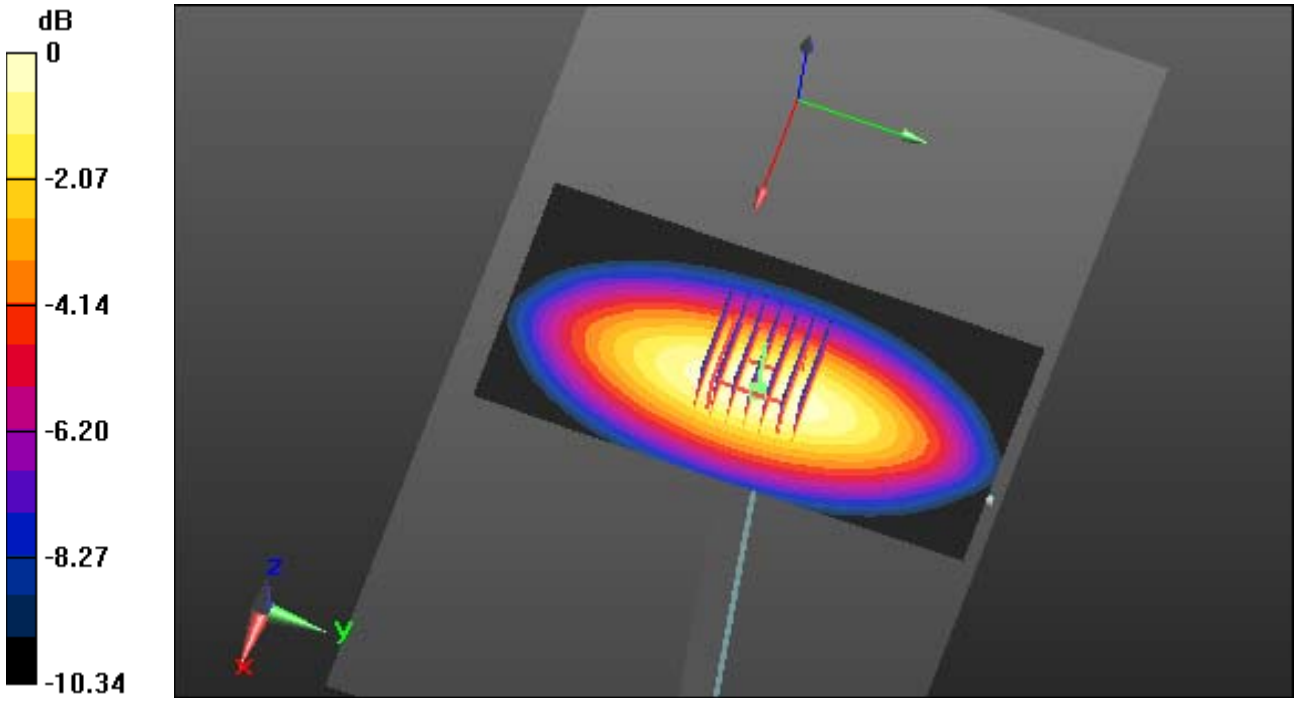
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.992 S/m; ε_r = 53.738; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-08-31; Ambient Temp: 22.4 Tissue Temp:22.7

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.69 W/kg
SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.64 W/kg



0 dB = 2.62 W/kg

DT&C Co., Ltd.

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

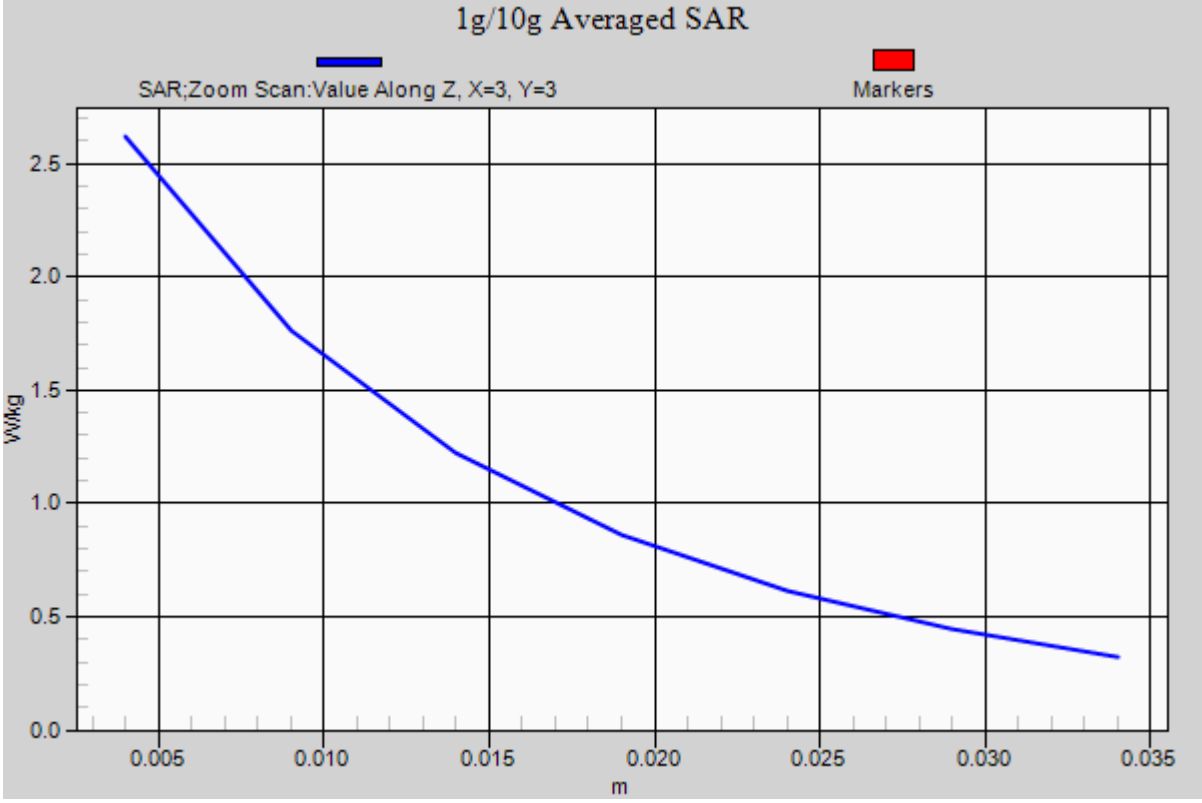
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.992 S/m; ε_r = 53.738; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-08-31; Ambient Temp: 22.4 Tissue Temp:22.7

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.69 W/kg
SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.64 W/kg



DT&C Co., Ltd.

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

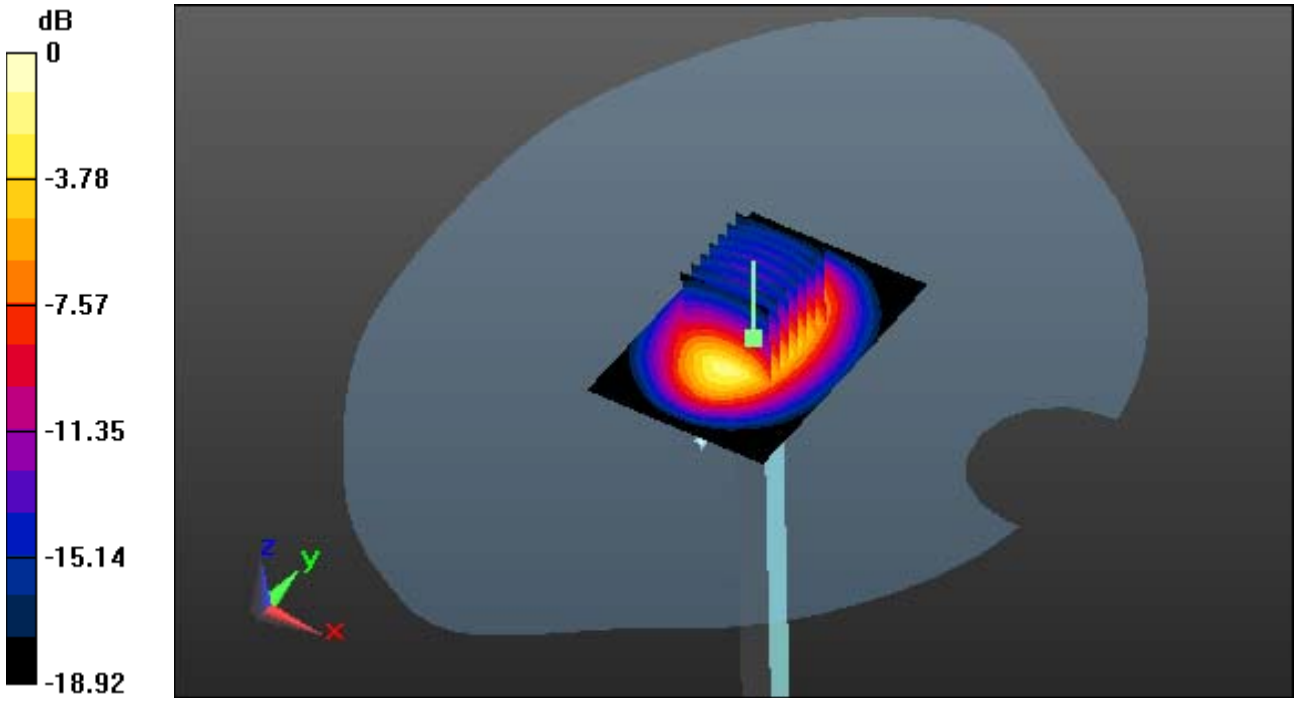
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.421 S/m; ε_r = 40.186; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1 Tissue Temp:22.5

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 19.8 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.18 W/kg



0 dB = 14.0 W/kg

DT&C Co., Ltd.

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

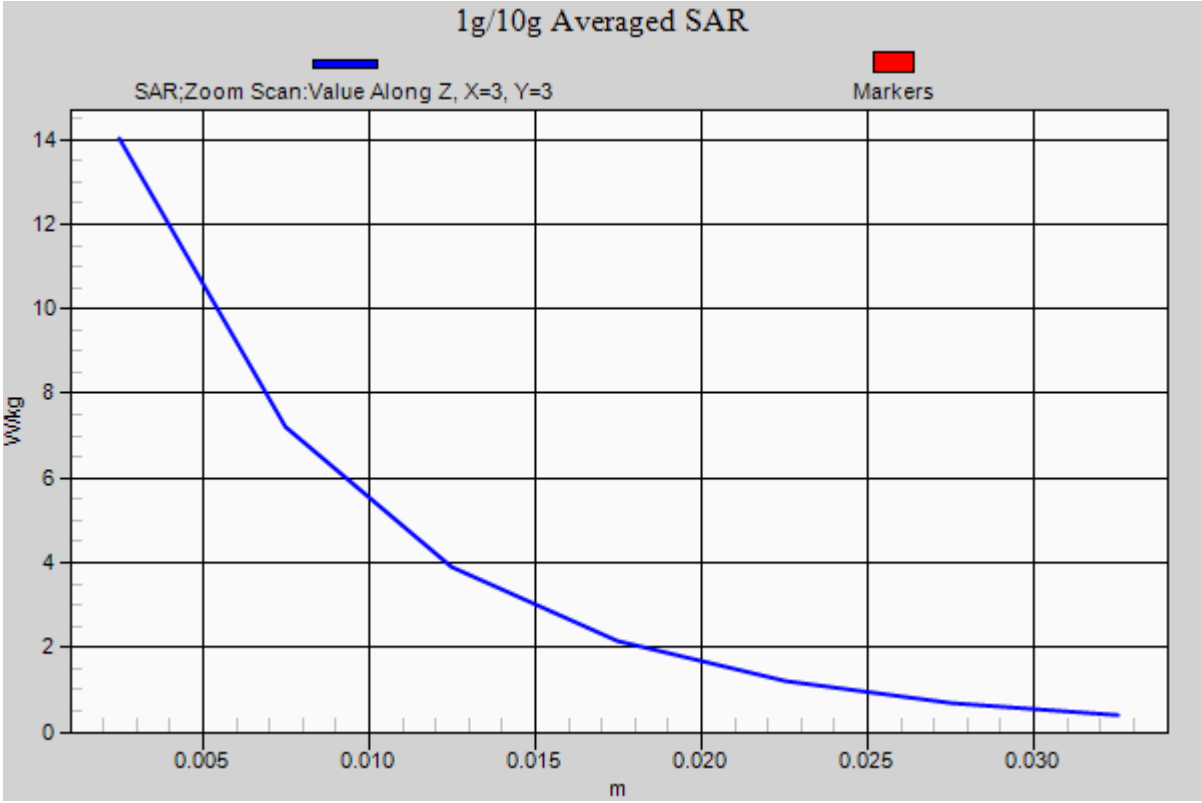
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.421 S/m; ε_r = 40.186; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1 Tissue Temp:22.5

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 19.8 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.18 W/kg



DT&C Co., Ltd.

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

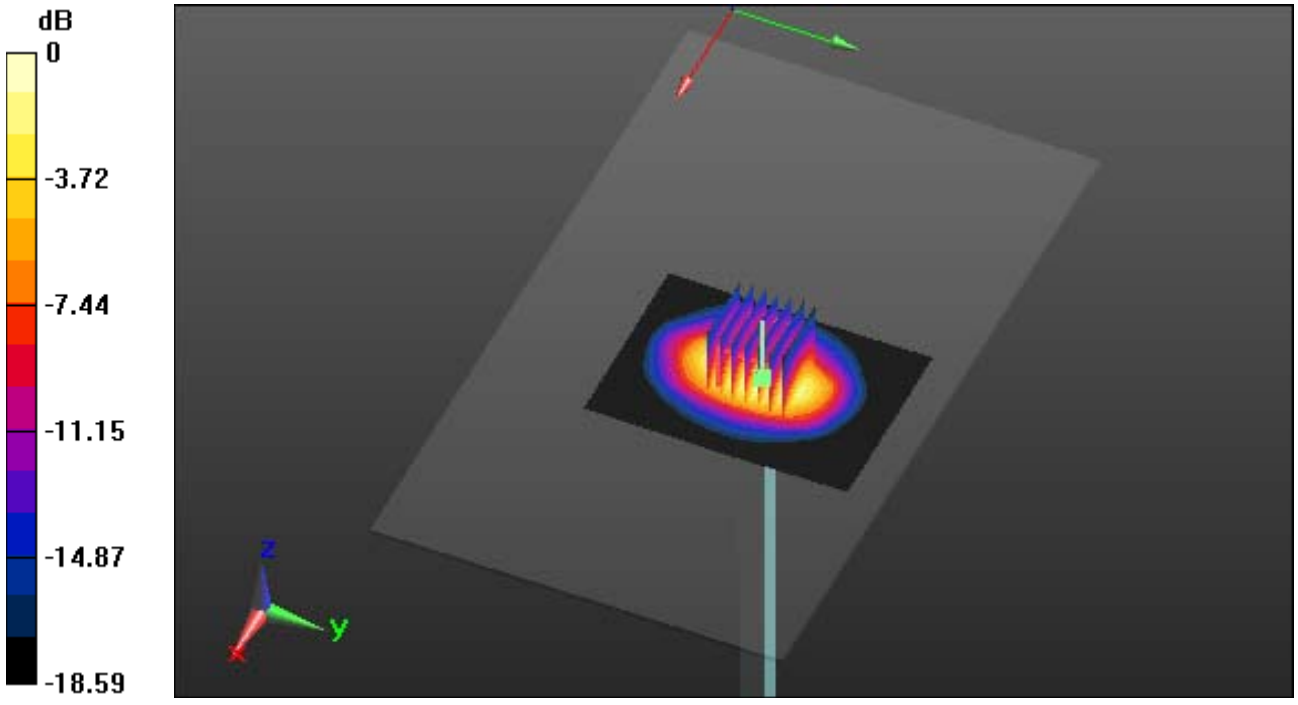
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.529 S/m; ε_r = 52.073; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-03; Ambient Temp: 22.1 Tissue Temp:22.5

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 19.9 W/kg
SAR(1 g) = 10.0 W/kg; SAR(10 g) = 5.14 W/kg



0 dB = 14.2 W/kg

DT&C Co., Ltd.

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

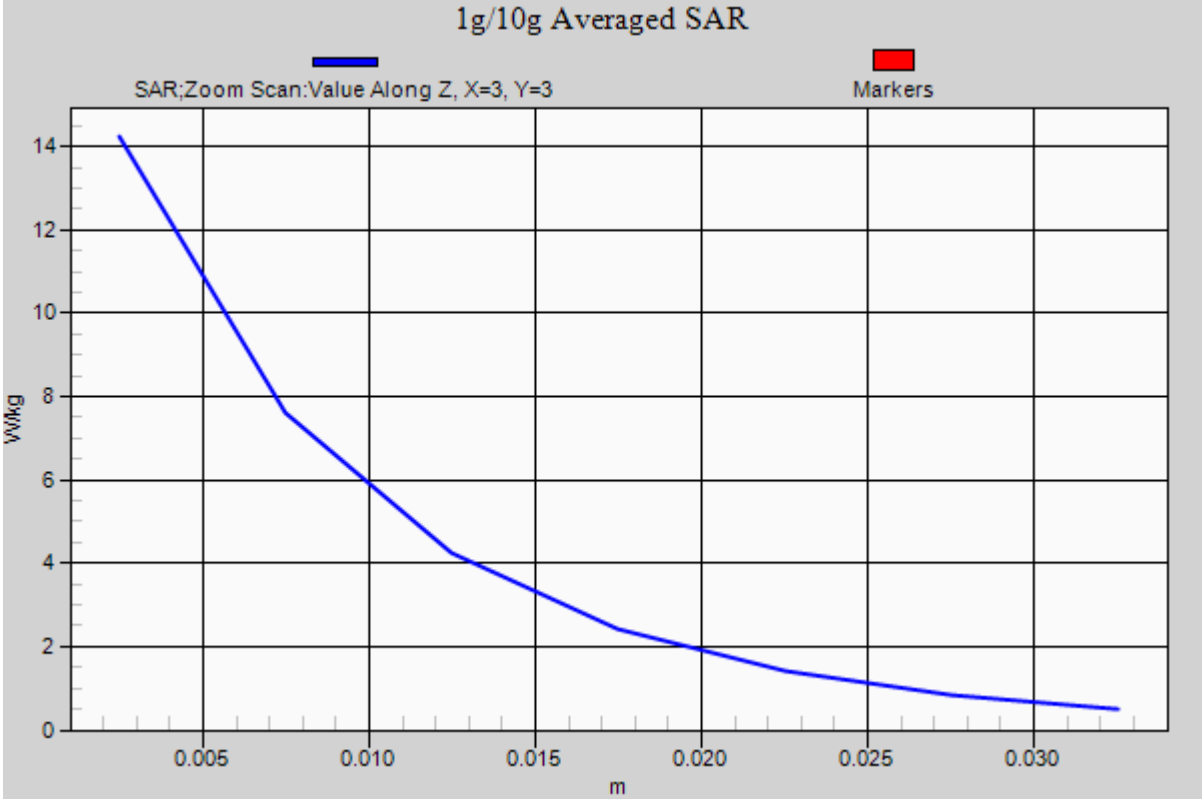
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.529 S/m; ε_r = 52.073; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-03; Ambient Temp: 22.1 Tissue Temp:22.5

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 19.9 W/kg
SAR(1 g) = 10.0 W/kg; SAR(10 g) = 5.14 W/kg



DT&C Co., Ltd.

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

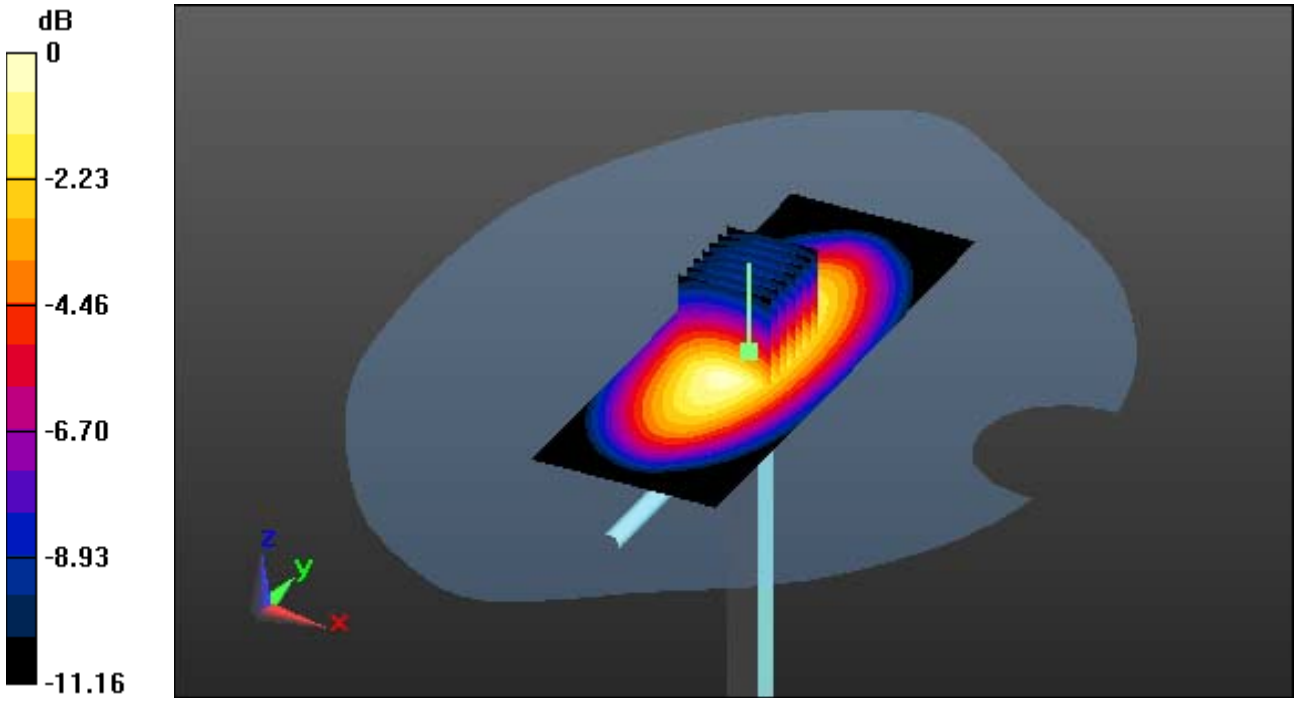
Communication System: CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.916 S/m; ε_r = 42.335; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

750 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.37 W/kg



0 dB = 2.56 W/kg

DT&C Co., Ltd.

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

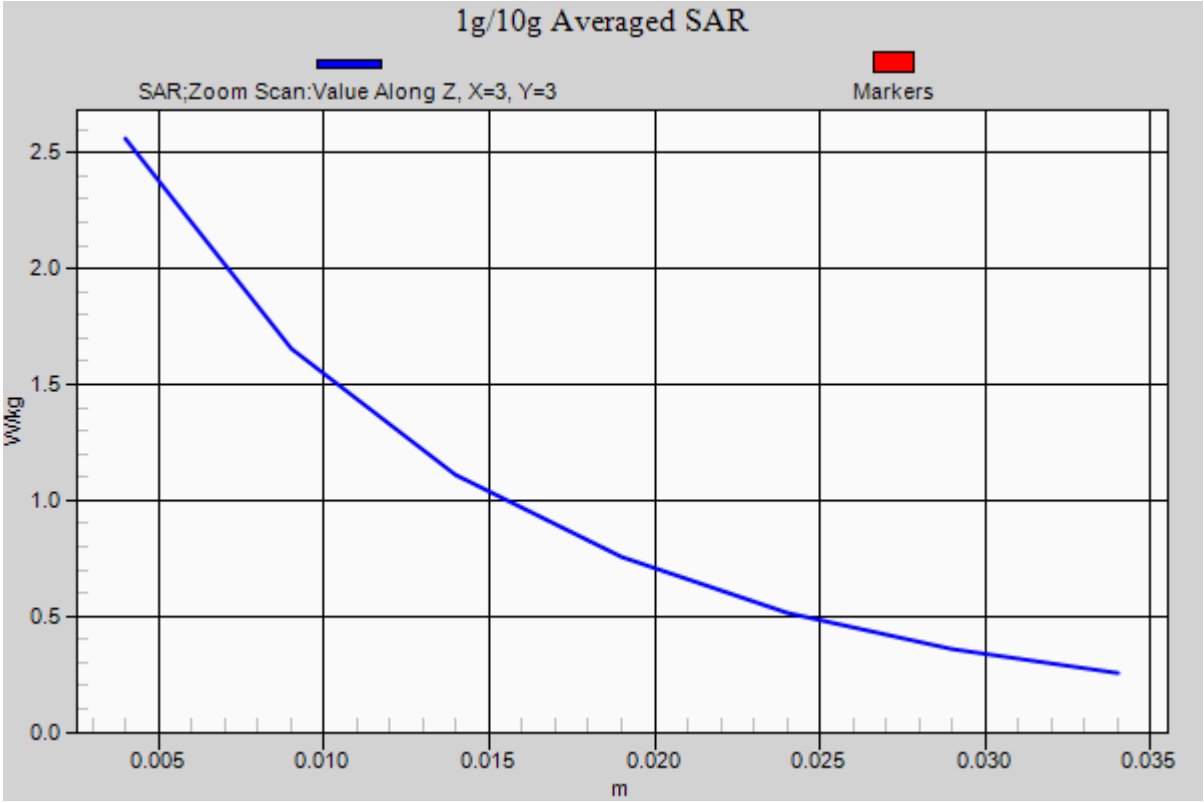
Communication System: CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.916 S/m; ε_r = 42.335; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

750 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.37 W/kg



DT&C Co., Ltd.

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

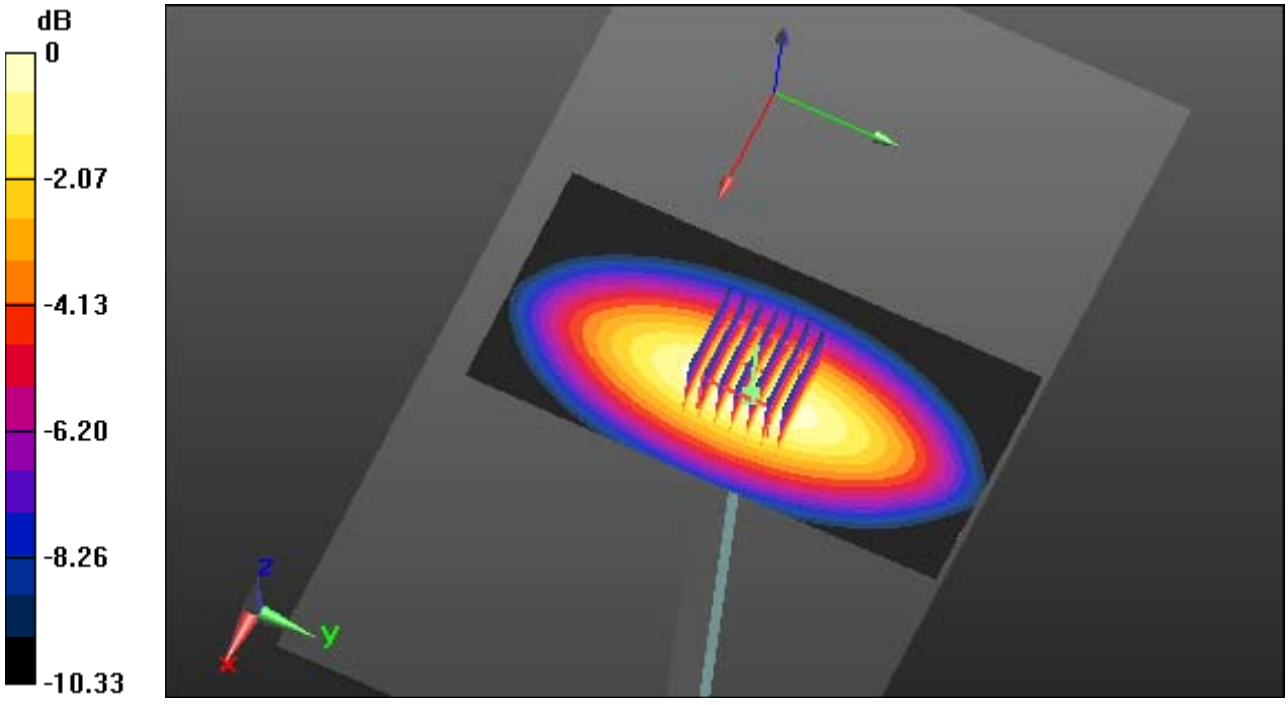
Communication System: CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.972 S/m; ε_r = 56.068; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

750 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.52 W/kg



0 dB = 2.53 W/kg

DT&C Co., Ltd.

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

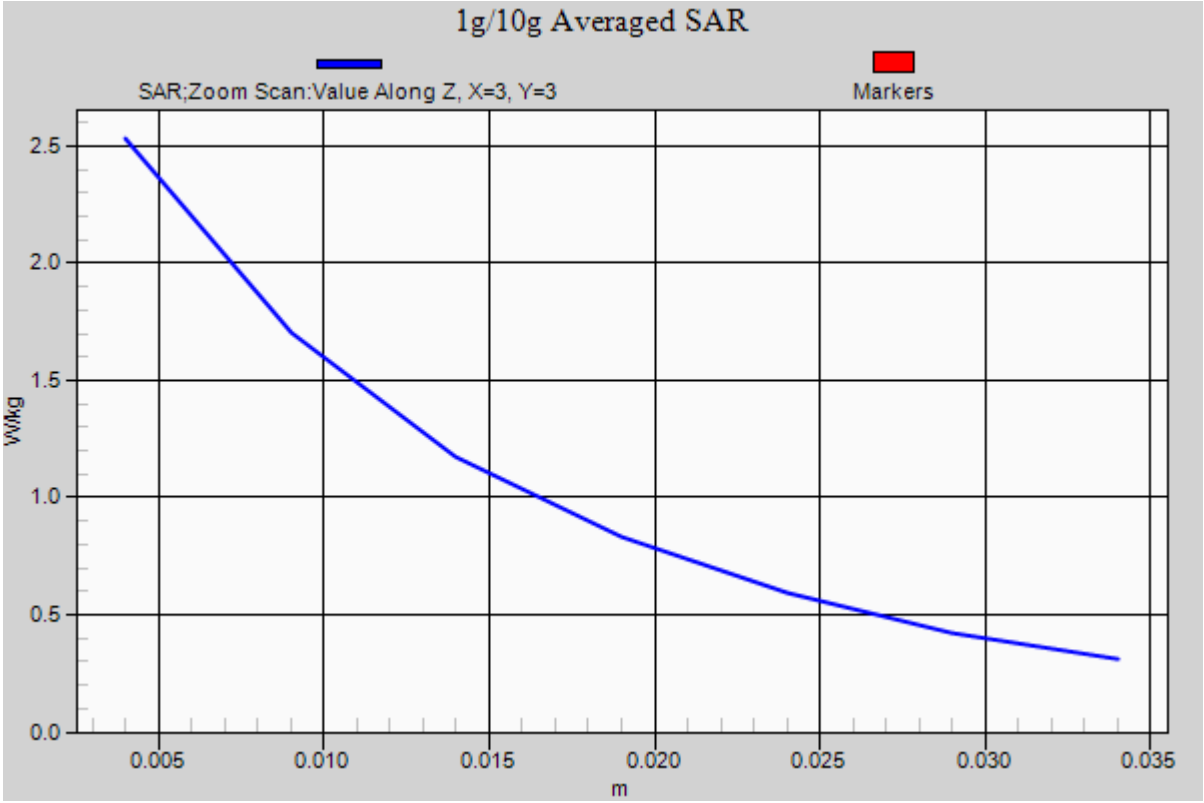
Communication System: CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.972 S/m; ε_r = 56.068; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

750 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.52 W/kg



DT&C Co., Ltd.

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

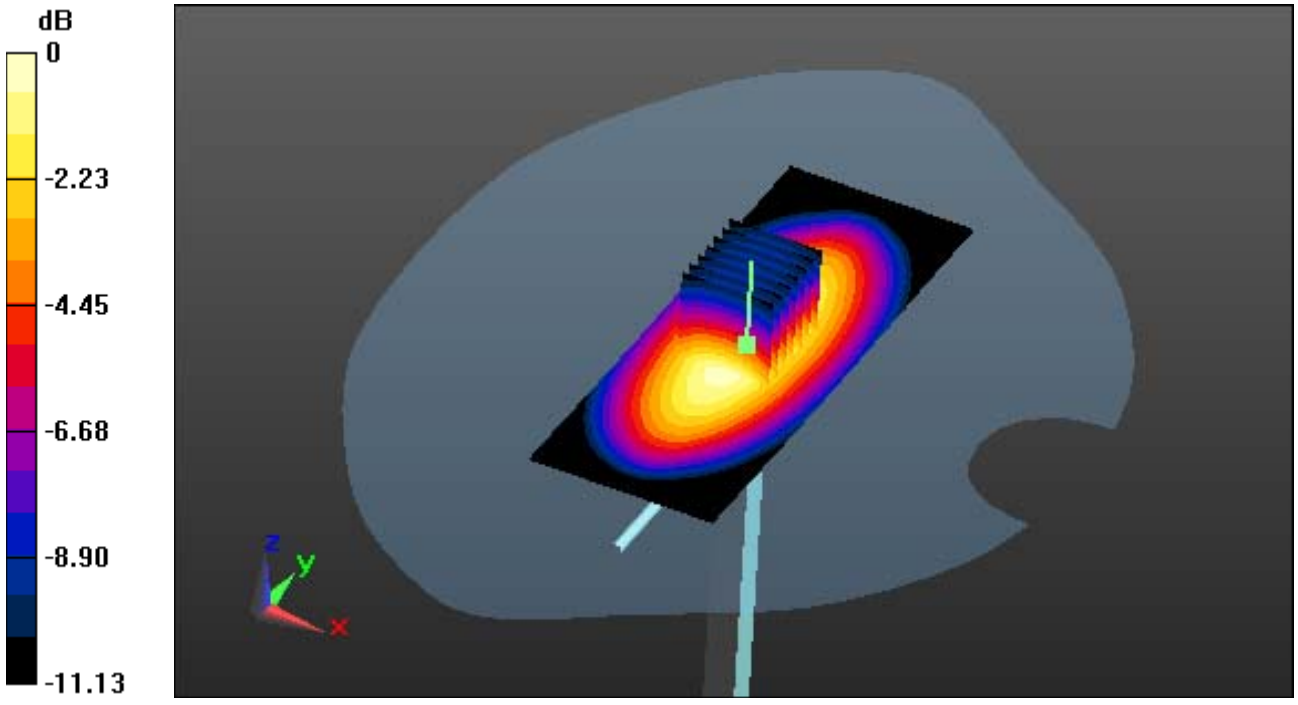
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.897 S/m; ε_r = 41.338; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.53 W/kg



0 dB = 2.61 W/kg

DT&C Co., Ltd.

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

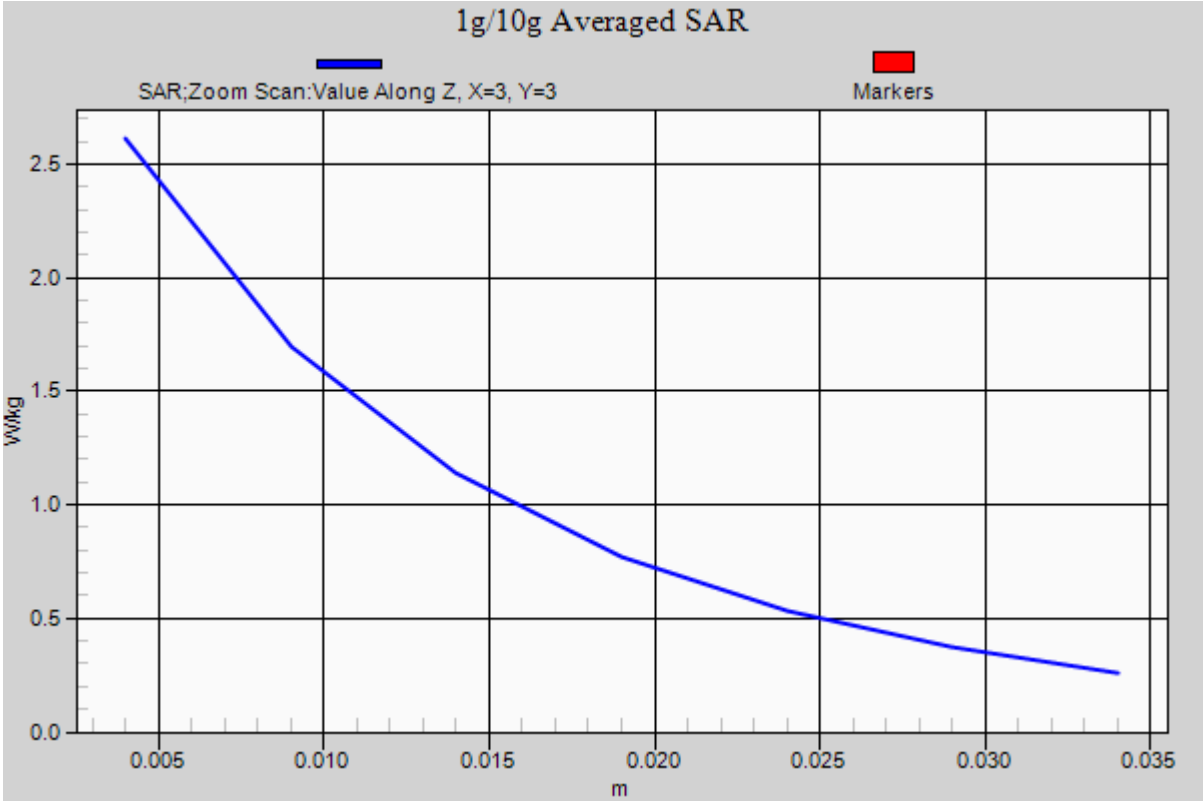
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.897 S/m; ε_r = 41.338; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.53 W/kg



DT&C Co., Ltd.

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

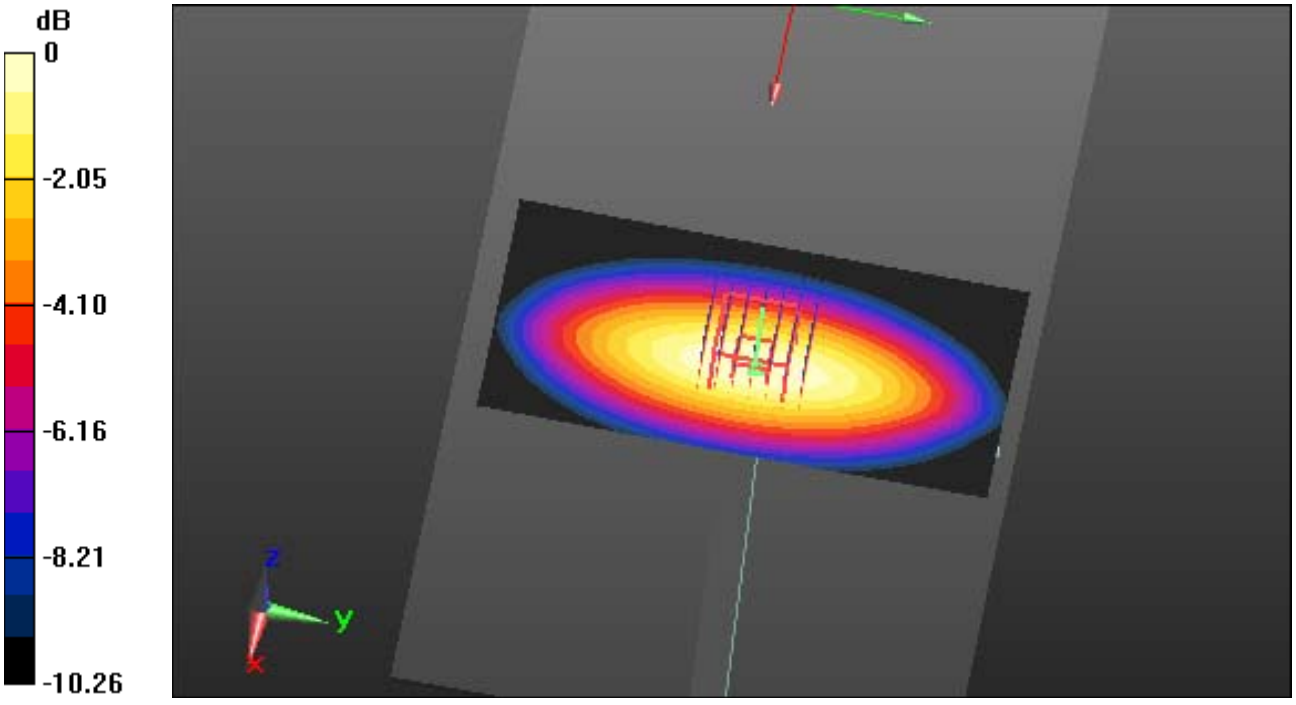
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 S/m; ε_r = 54.804; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.6 W/kg



0 dB = 2.63 W/kg

DT&C Co., Ltd.

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

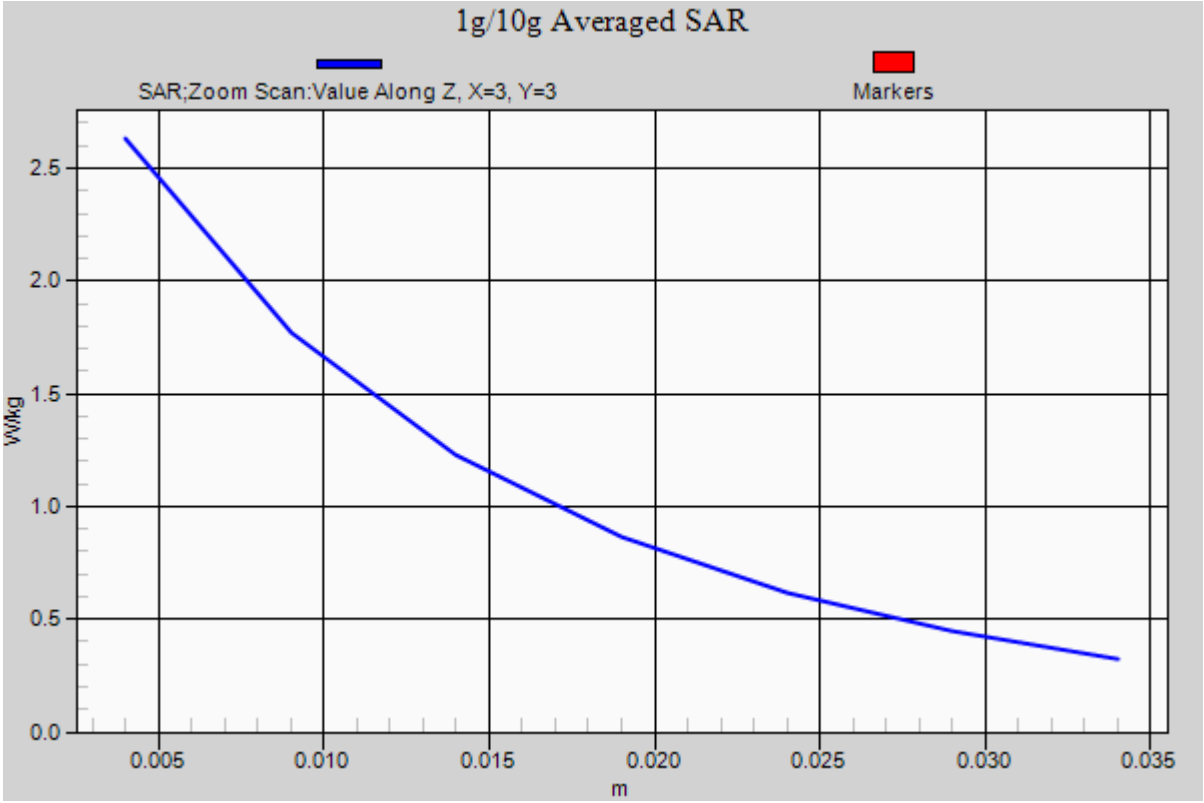
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 S/m; ε_r = 54.804; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.6 W/kg



DT&C Co., Ltd.

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

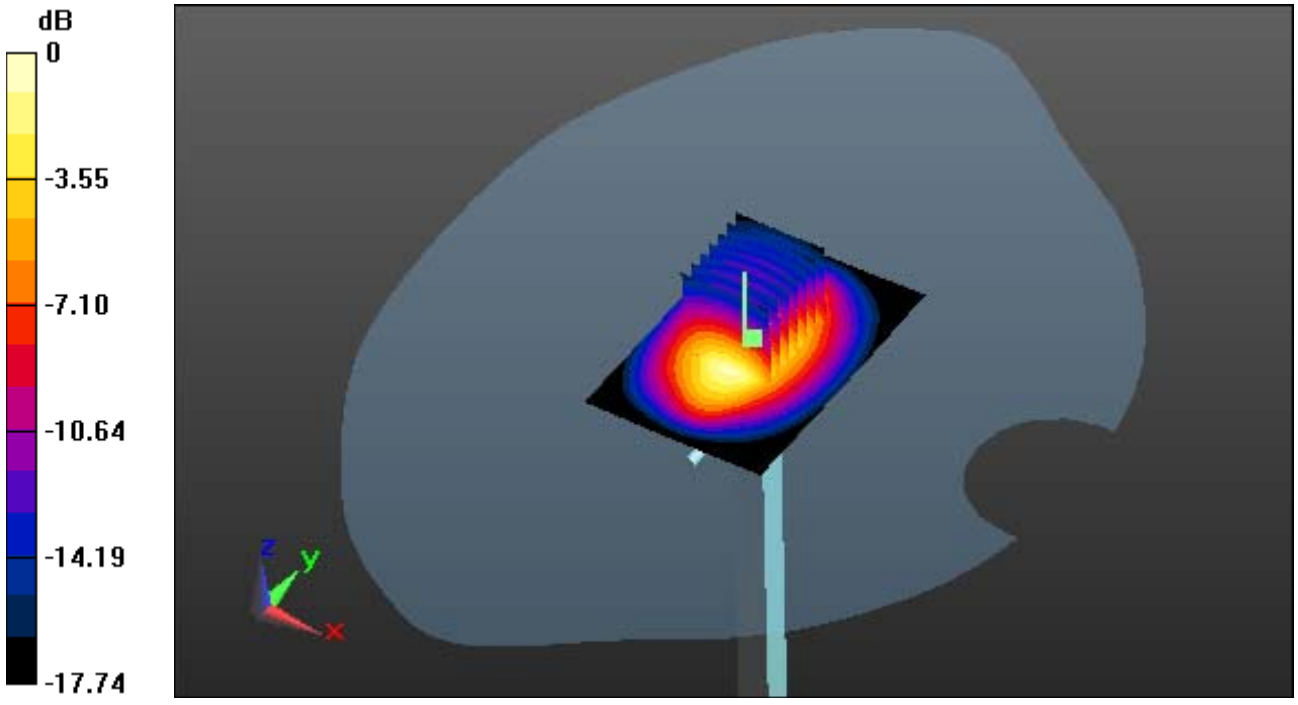
Communication System: CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.415 S/m; ε_r = 39.248; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1800 MHz System Verification

Area Scan (41x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 9.36 W/kg; SAR(10 g) = 4.92 W/kg



0 dB = 12.6 W/kg

DT&C Co., Ltd.

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

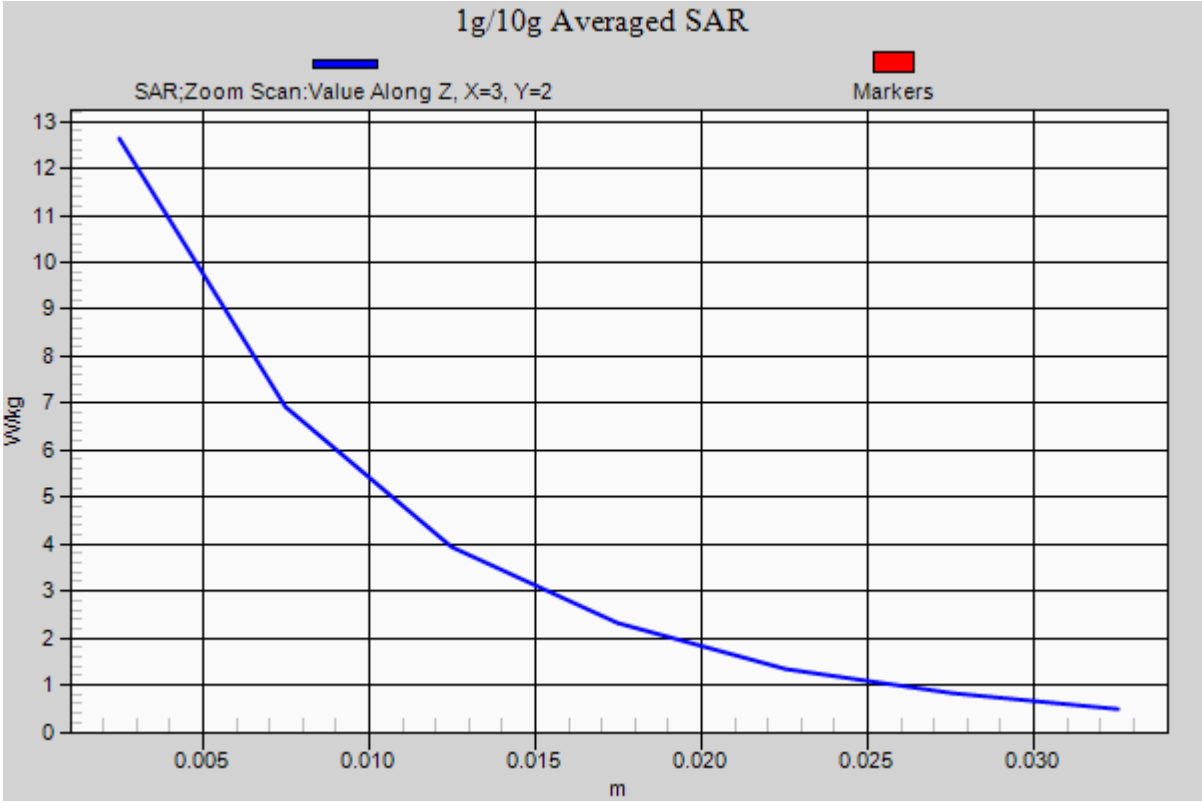
Communication System: CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.415 S/m; ε_r = 39.248; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.2 Tissue Temp:22.6

1800 MHz System Verification

Area Scan (41x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 9.36 W/kg; SAR(10 g) = 4.92 W/kg



DT&C Co., Ltd.

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

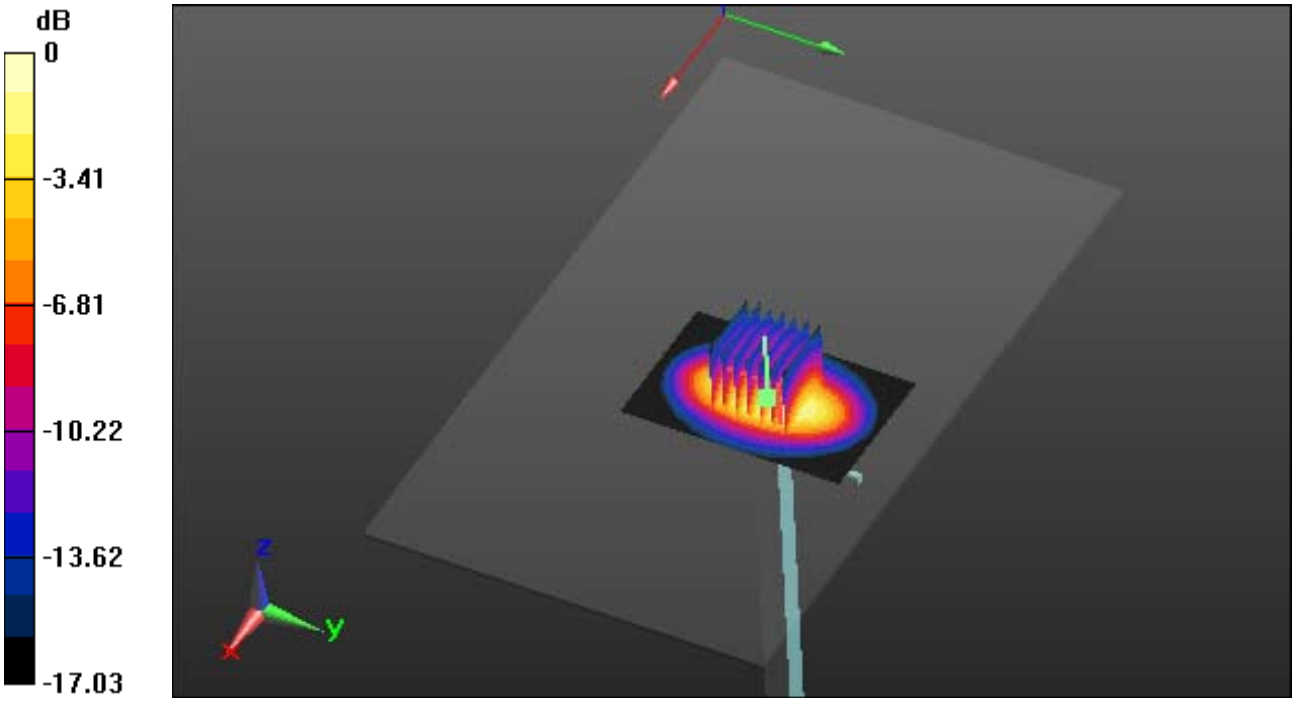
Communication System: CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.55 S/m; ε_r = 53.444; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1800 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.09 W/kg



0 dB = 13.2 W/kg

DT&C Co., Ltd.

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

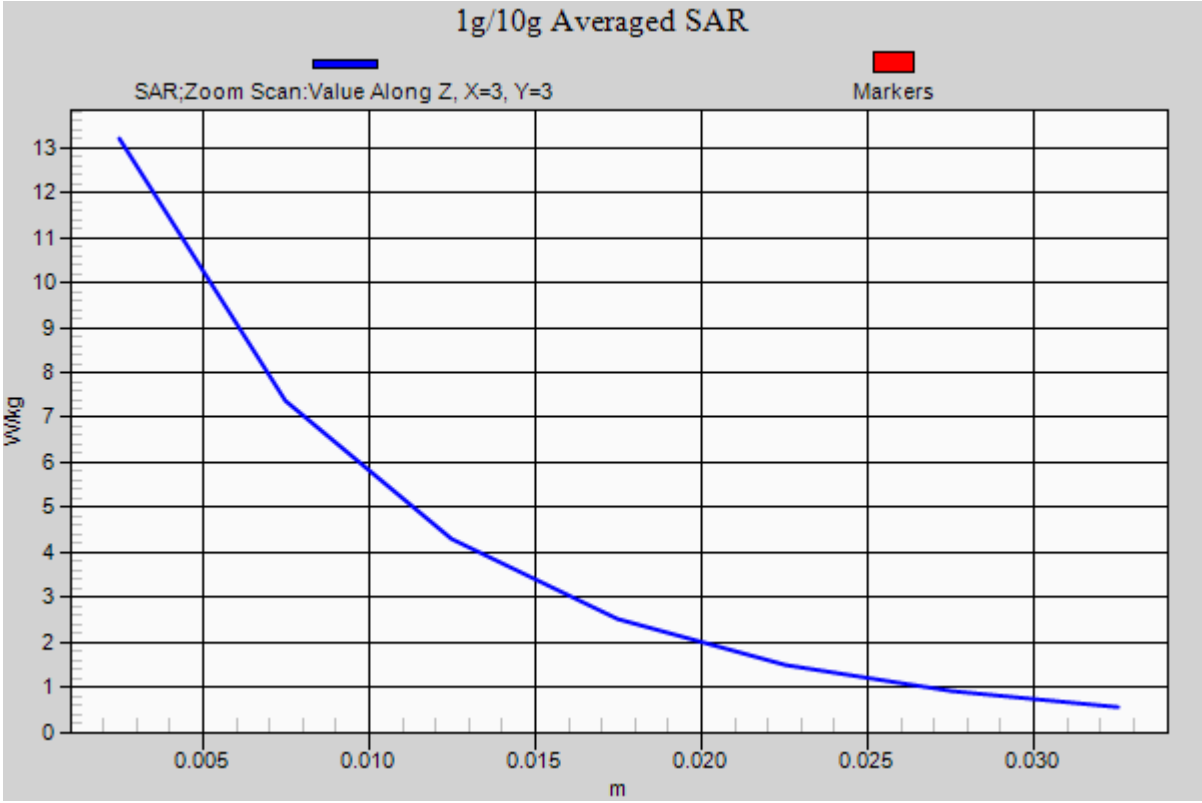
Communication System: CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.55 S/m; ε_r = 53.444; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1800 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.09 W/kg



DT&C Co., Ltd.

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

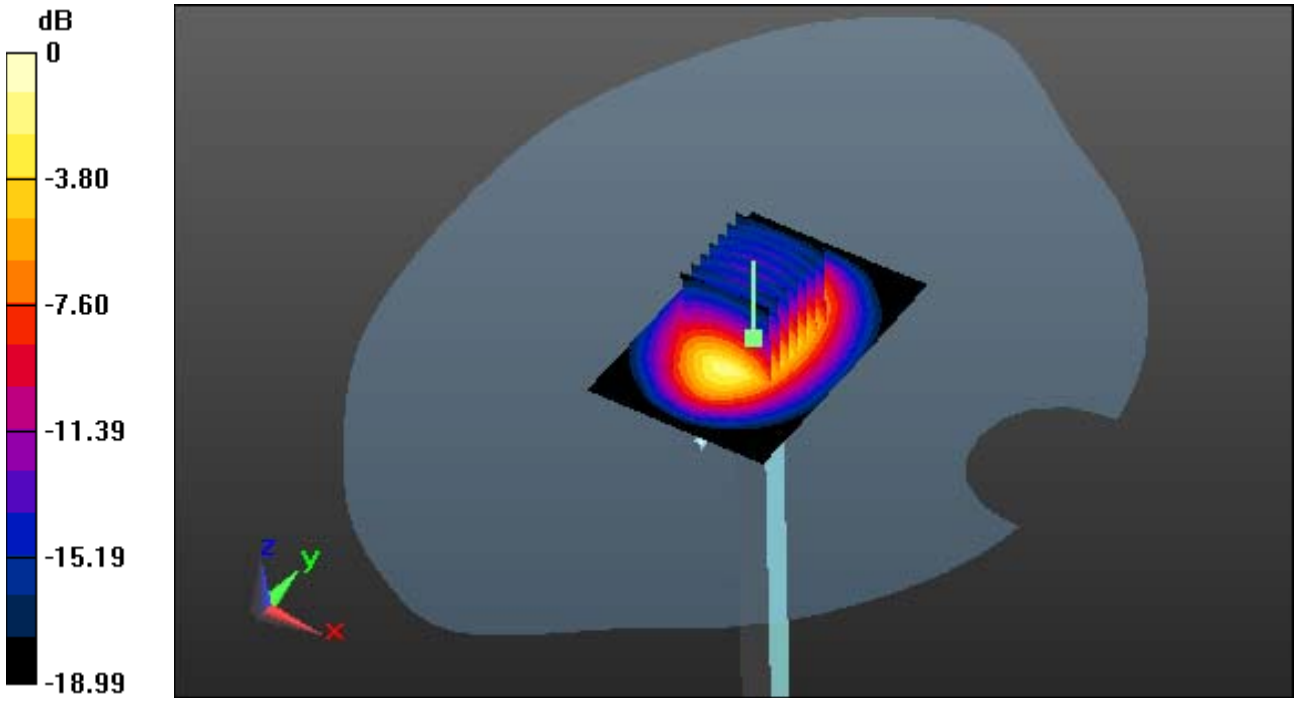
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.422 S/m; ε_r = 39.288; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 20.4 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.28 W/kg



0 dB = 14.4 W/kg

DT&C Co., Ltd.

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

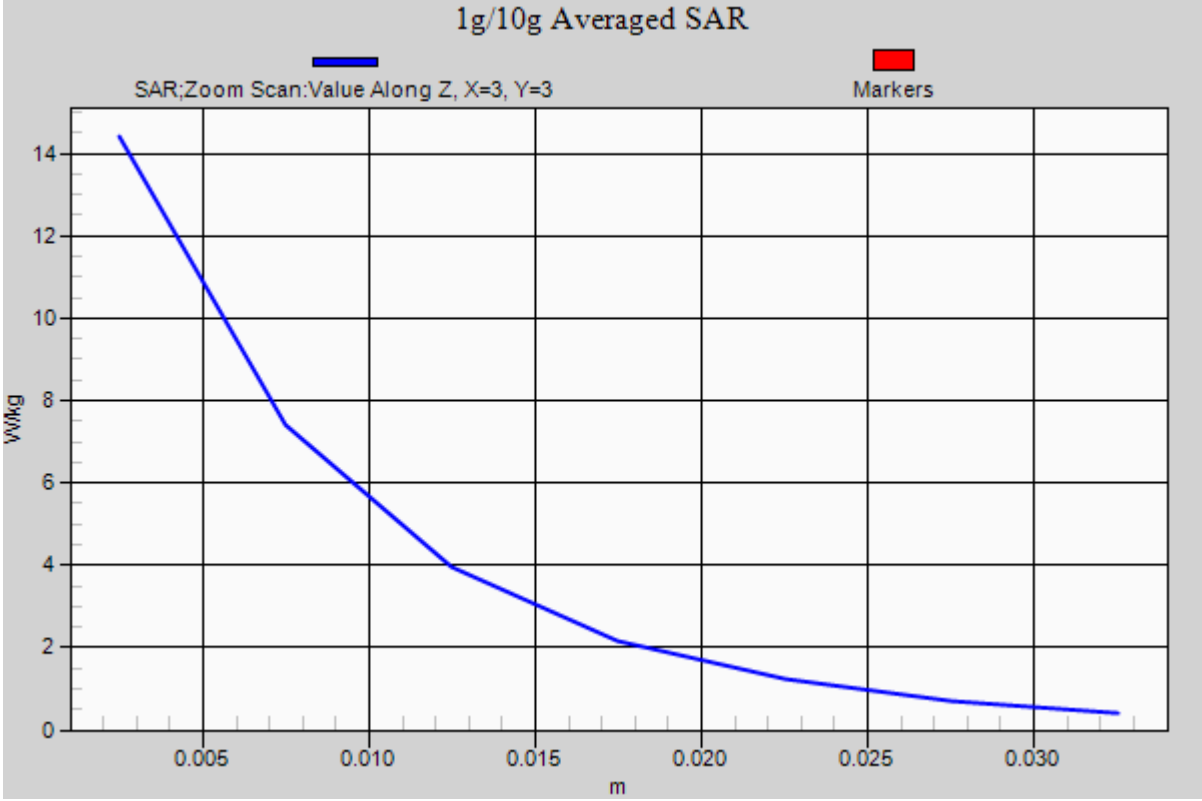
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.422 S/m; ε_r = 39.288; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 20.4 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.28 W/kg



DT&C Co., Ltd.

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

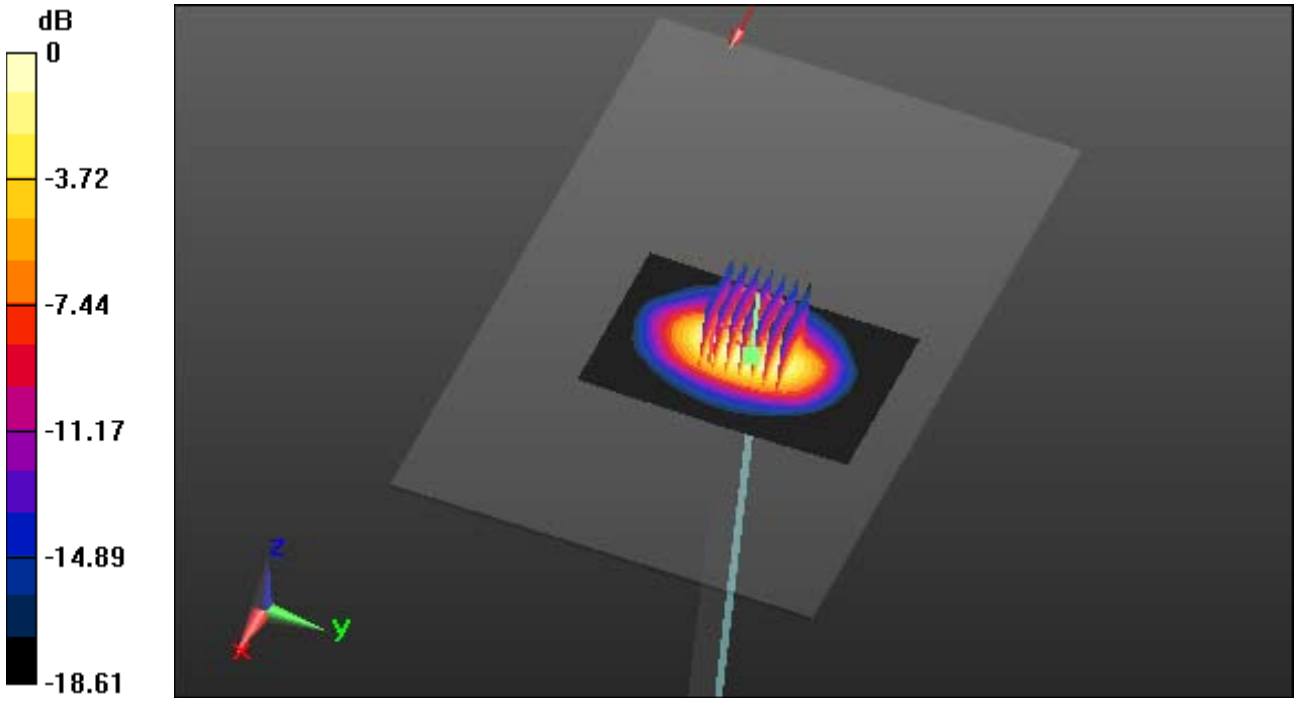
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.521 S/m; ε_r = 54.233; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 19.8 W/kg
SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.29 W/kg



0 dB = 14.2 W/kg

DT&C Co., Ltd.

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

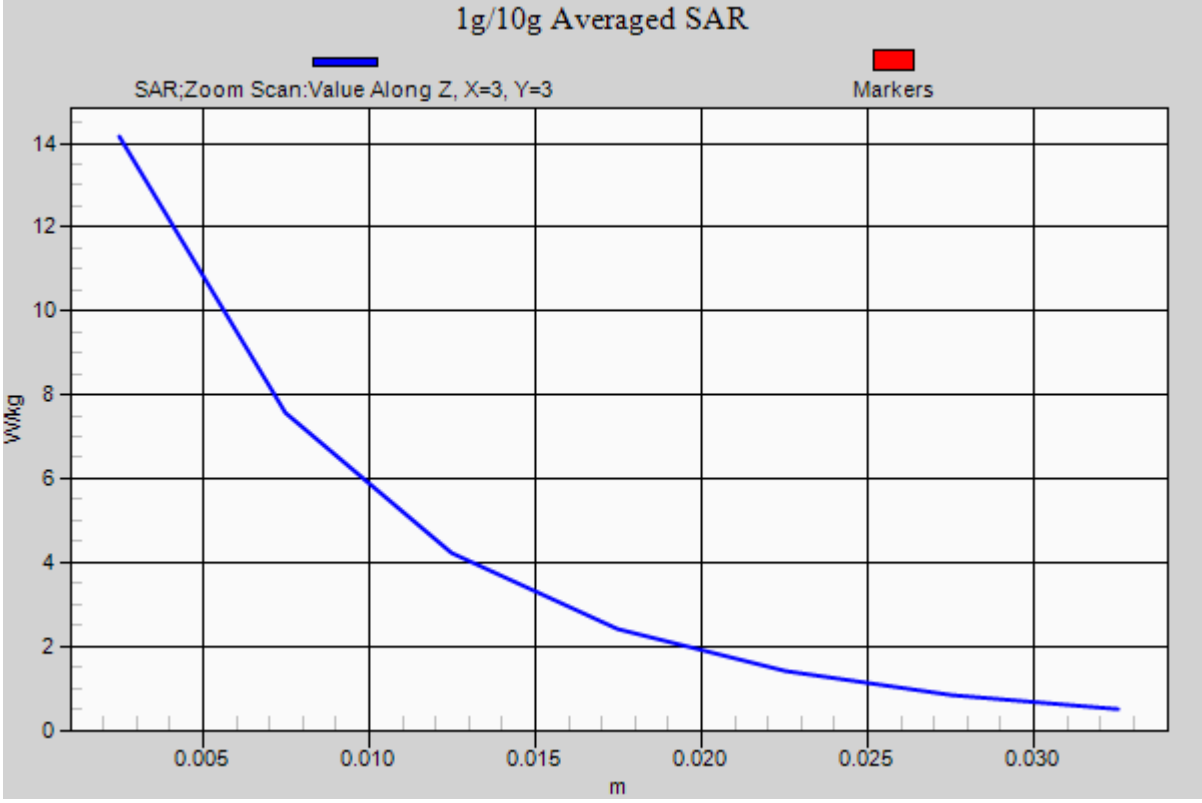
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.521 S/m; ε_r = 54.233; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 19.8 W/kg
SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.29 W/kg



DT&C Co., Ltd.

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

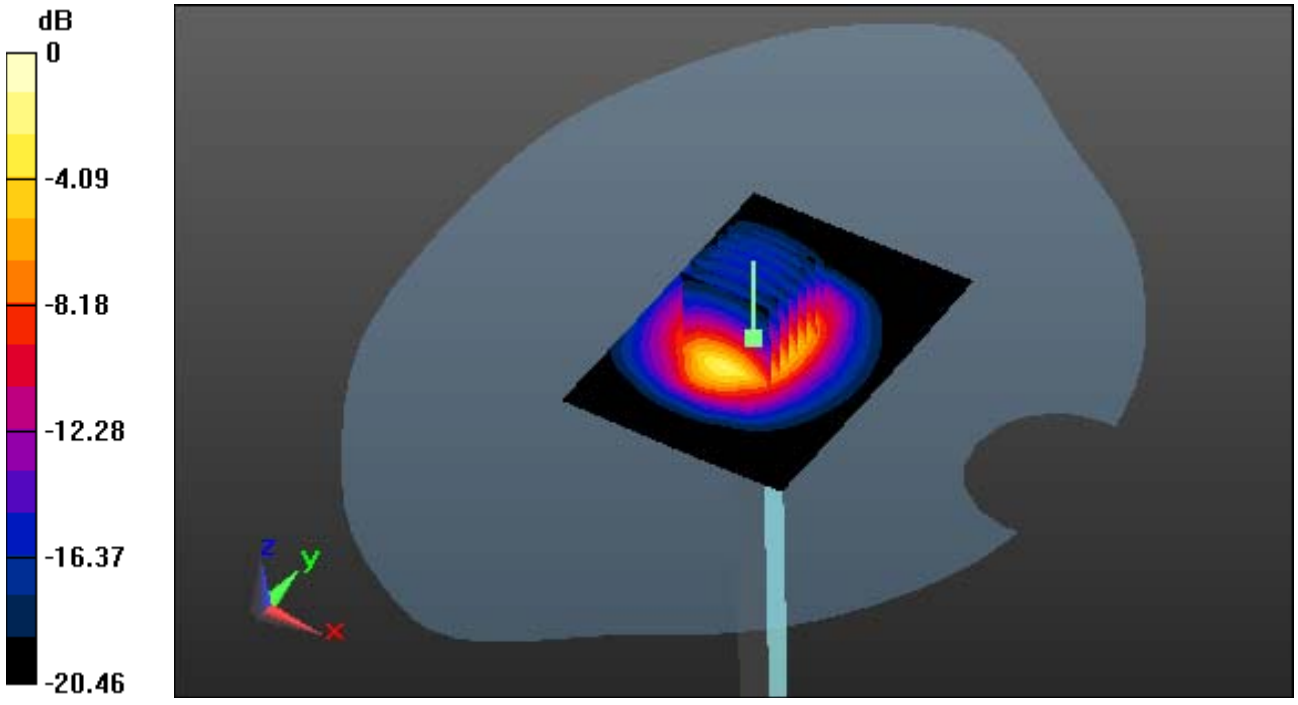
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.818 S/m; ε_r = 39.349; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5 Tissue Temp:22.8

2450 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 27.9 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.99 W/kg



0 dB = 18.6 W/kg

DT&C Co., Ltd.

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

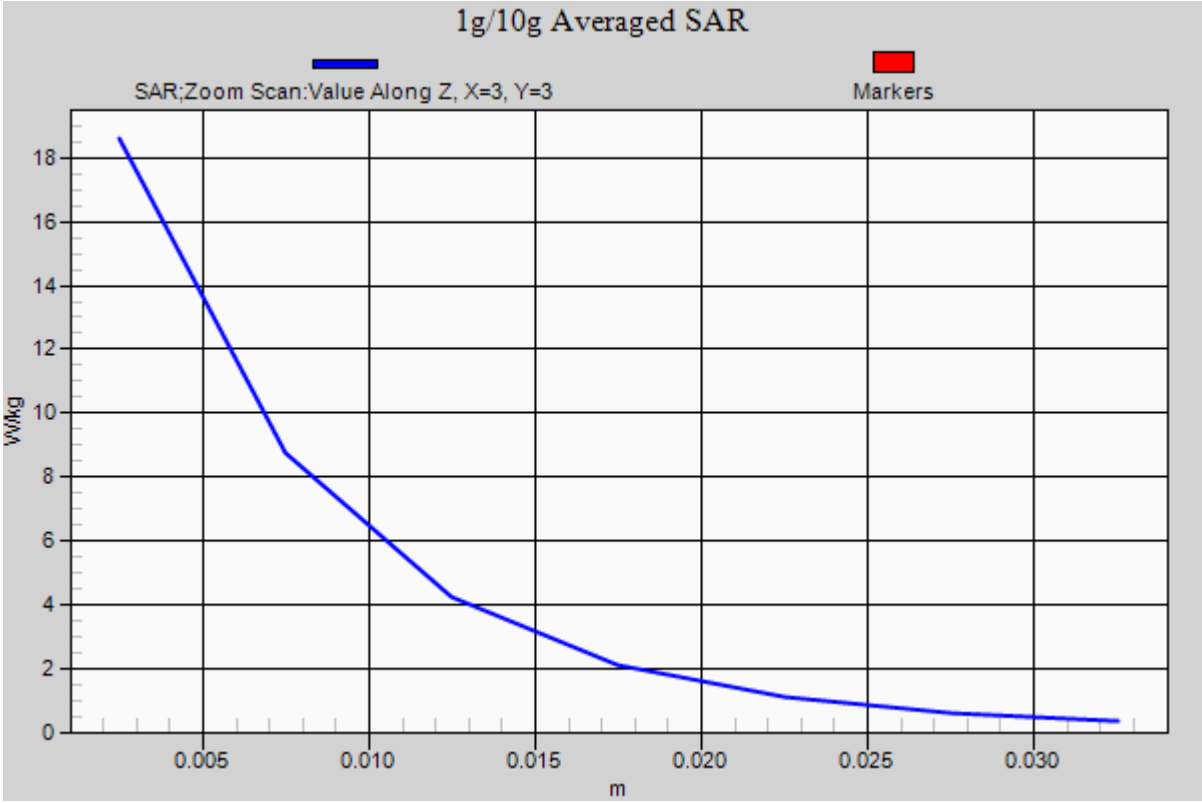
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.818 S/m; ε_r = 39.349; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5 Tissue Temp:22.8

2450 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 27.9 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.99 W/kg



DT&C Co., Ltd.

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

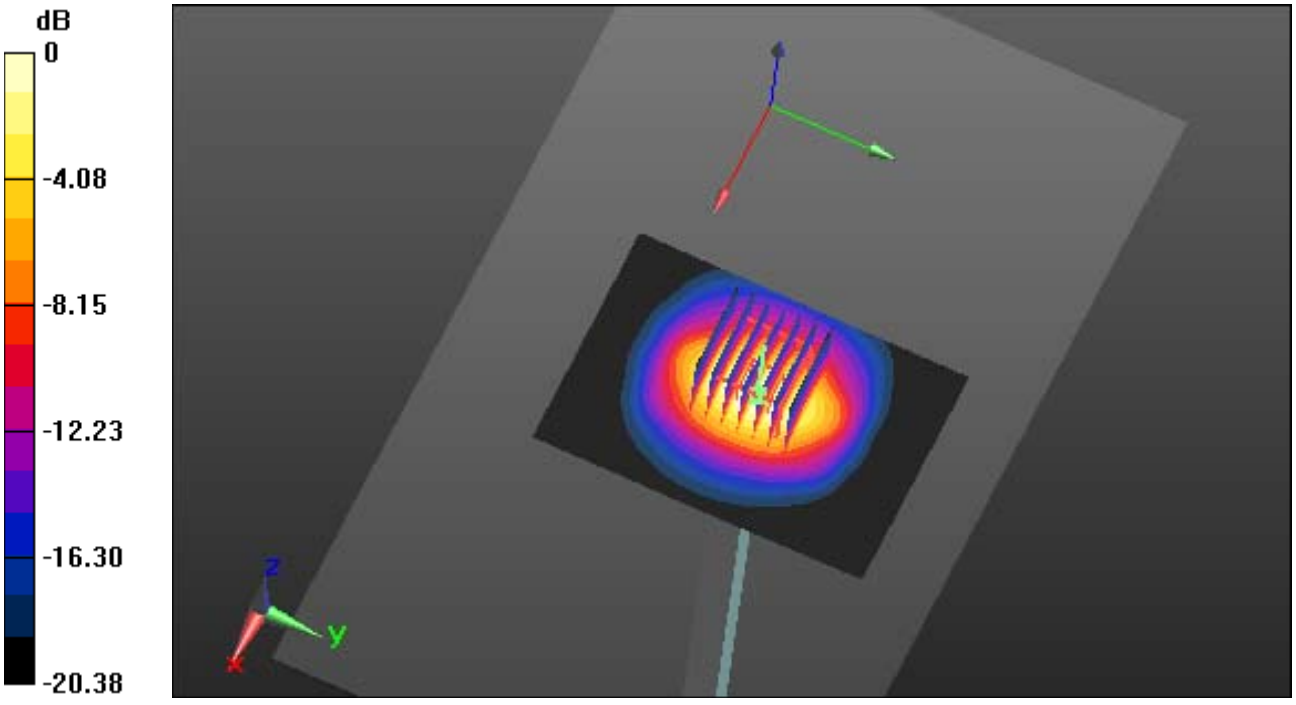
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.99 S/m; ε_r = 52.105; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-10; Ambient Temp: 22.5 Tissue Temp:22.8

2450 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.42 W/kg



0 dB = 20.1 W/kg

DT&C Co., Ltd.

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

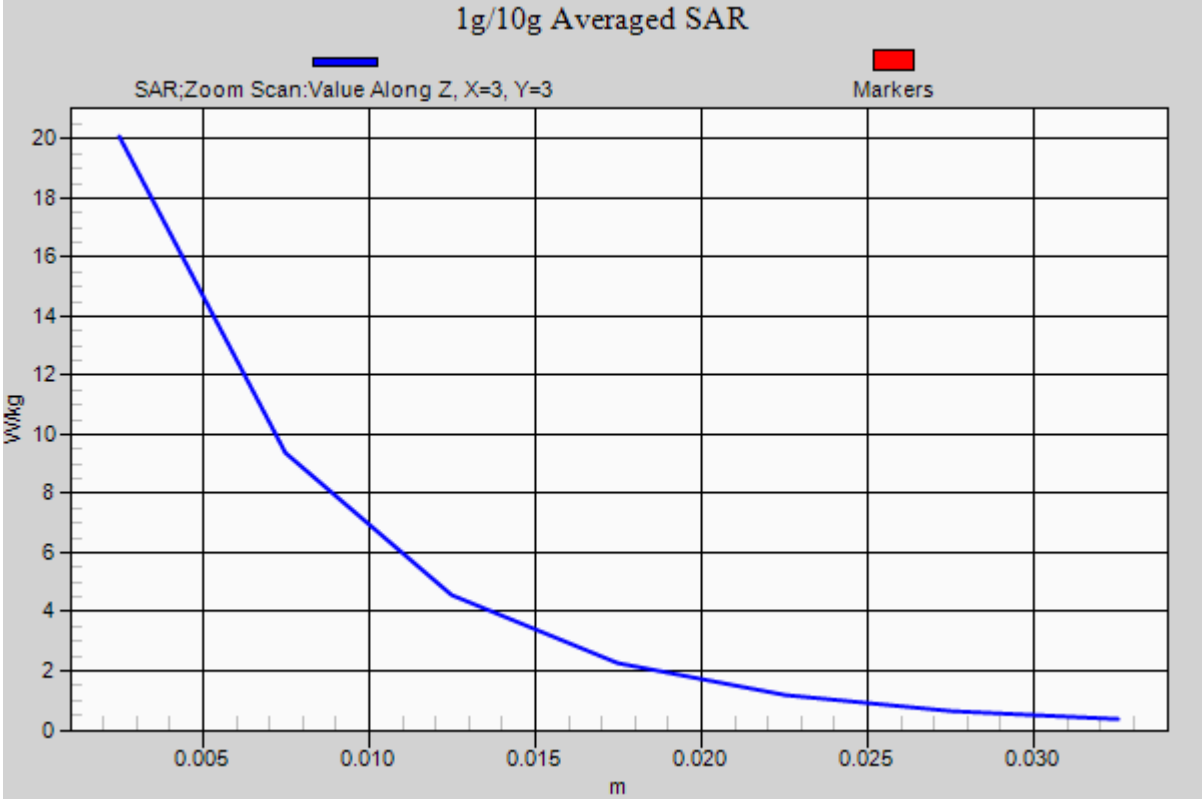
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.99 S/m; ε_r = 52.105; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
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: 2015-09-10; Ambient Temp: 22.5 Tissue Temp:22.8

2450 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.42 W/kg



DT&C Co., Ltd.

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

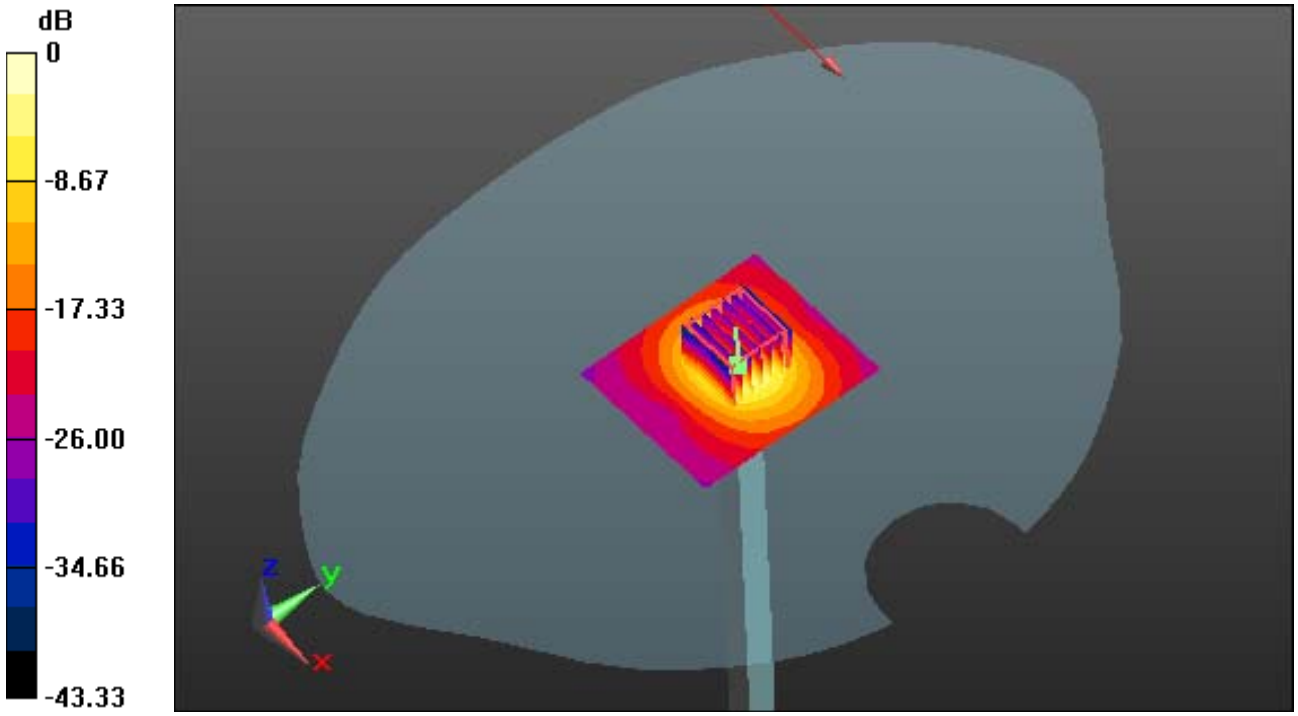
Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.726 S/m; ε_r = 36.316; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-04; Ambient Temp: 21.4 Tissue Temp:21.8

5300 MHz System Verification

Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 34.6 W/kg
SAR(1 g) = 8.21 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 16.6 W/kg

DT&C Co., Ltd.

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

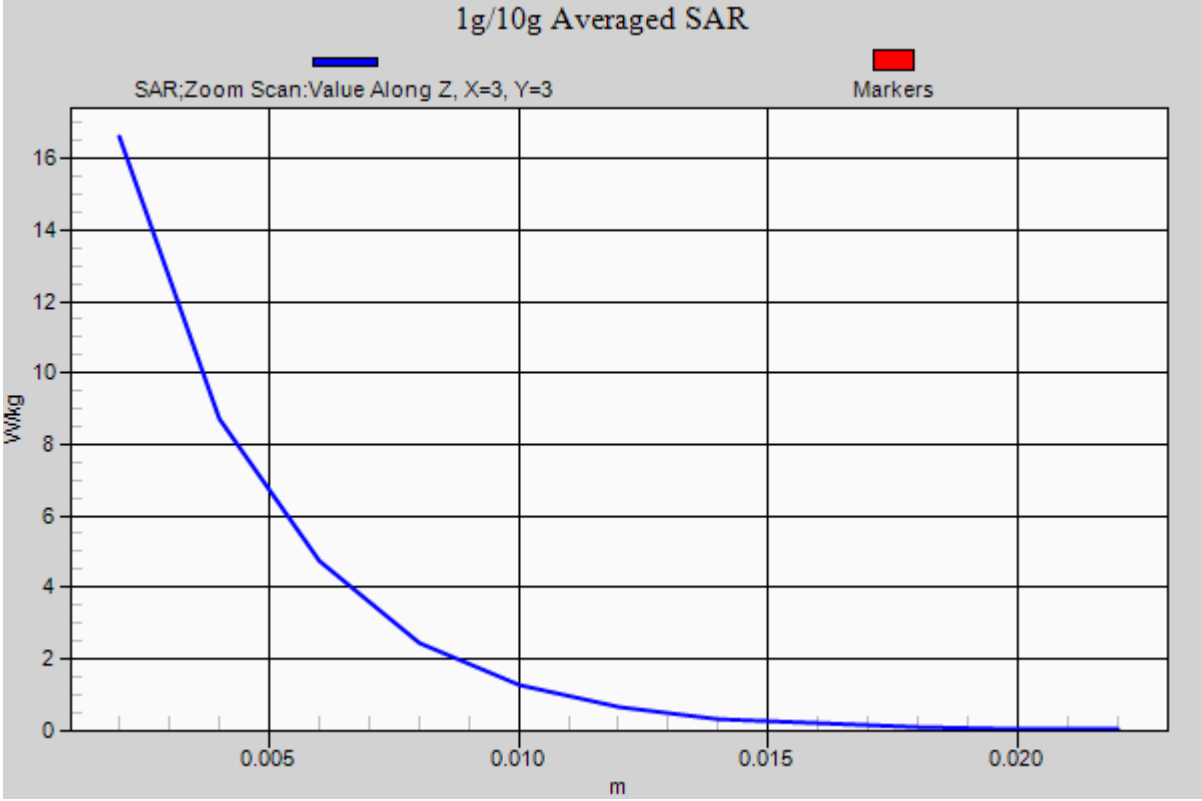
Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.726 S/m; ε_r = 36.316; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-04; Ambient Temp: 21.4 Tissue Temp:21.8

5300 MHz System Verification

Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 34.6 W/kg
SAR(1 g) = 8.21 W/kg; SAR(10 g) = 2.37 W/kg



DT&C Co., Ltd.

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

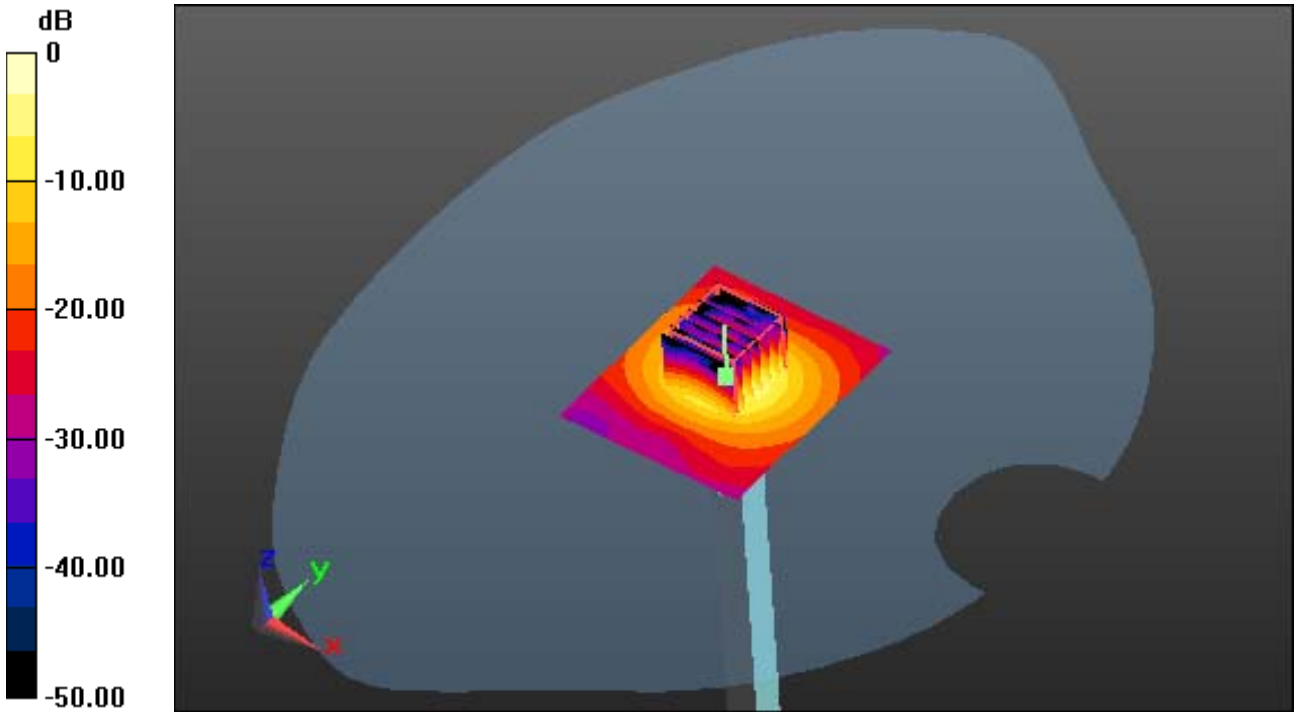
Communication System: CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.961 S/m; ε_r = 34.538; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6 Tissue Temp:21.9

5600 MHz System Verification

Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 39.9 W/kg
SAR(1 g) = 8.46 W/kg; SAR(10 g) = 2.31 W/kg



0 dB = 18.2 W/kg

DT&C Co., Ltd.

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

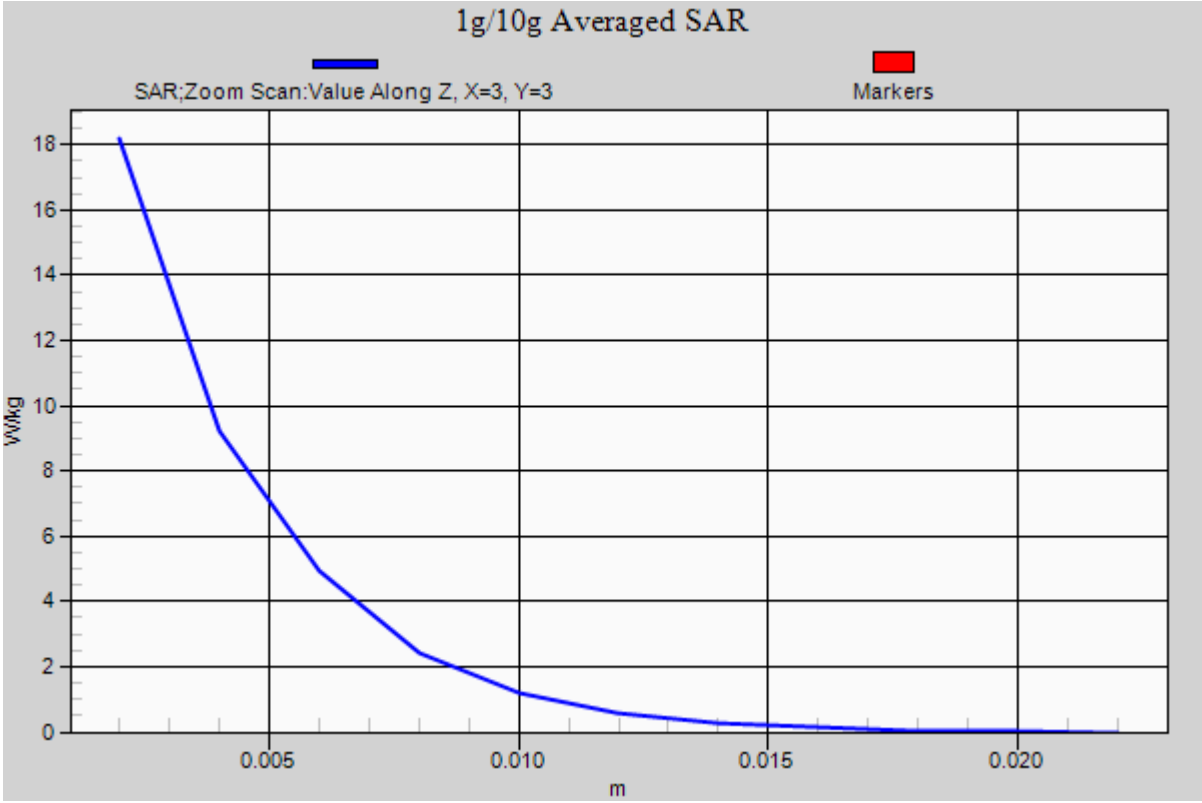
Communication System: CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.961 S/m; ε_r = 34.538; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6 Tissue Temp:21.9

5600 MHz System Verification

Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 39.9 W/kg
SAR(1 g) = 8.46 W/kg; SAR(10 g) = 2.31 W/kg



DT&C Co., Ltd.

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

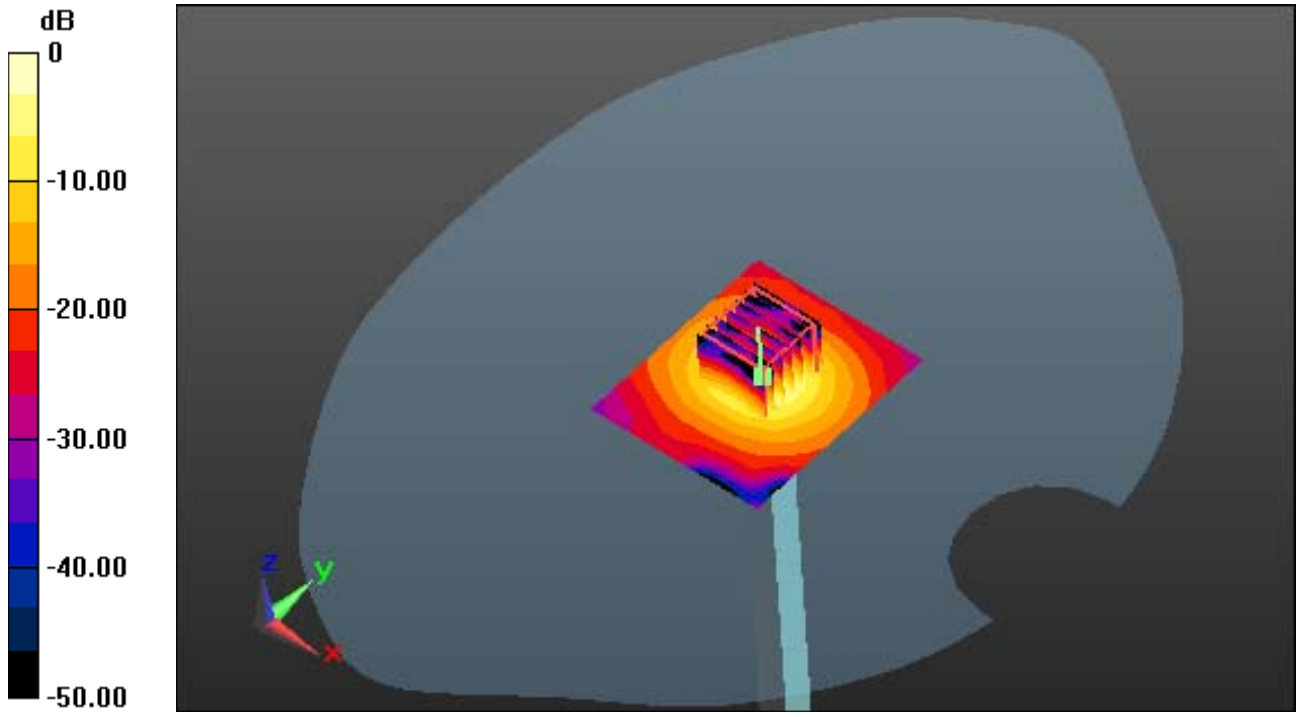
Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.434 S/m; ε_r = 34.327; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6 Tissue Temp:21.9

5800 MHz System Verification

Area Scan (41x51x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 36.8 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.25 W/kg



0 dB = 17.1 W/kg

DT&C Co., Ltd.

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

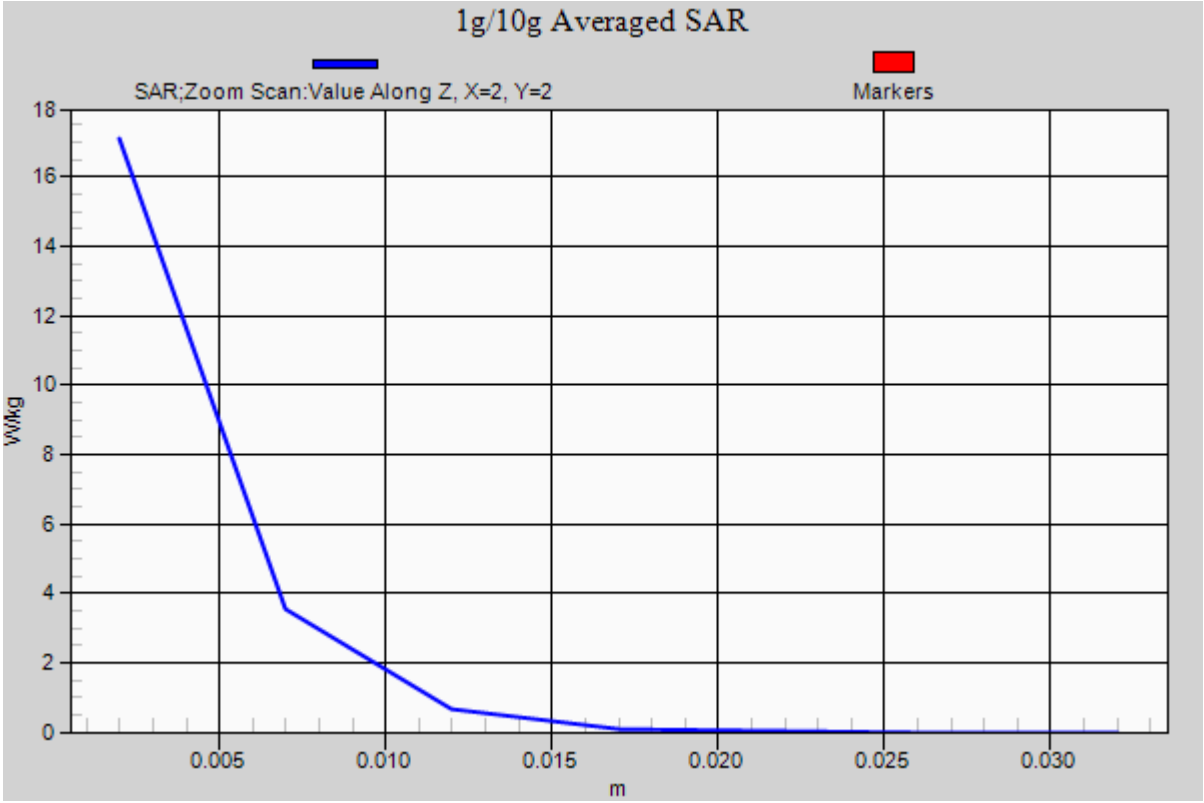
Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.434 S/m; ε_r = 34.327; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6 Tissue Temp:21.9

5800 MHz System Verification

Area Scan (41x51x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 36.8 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.25 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

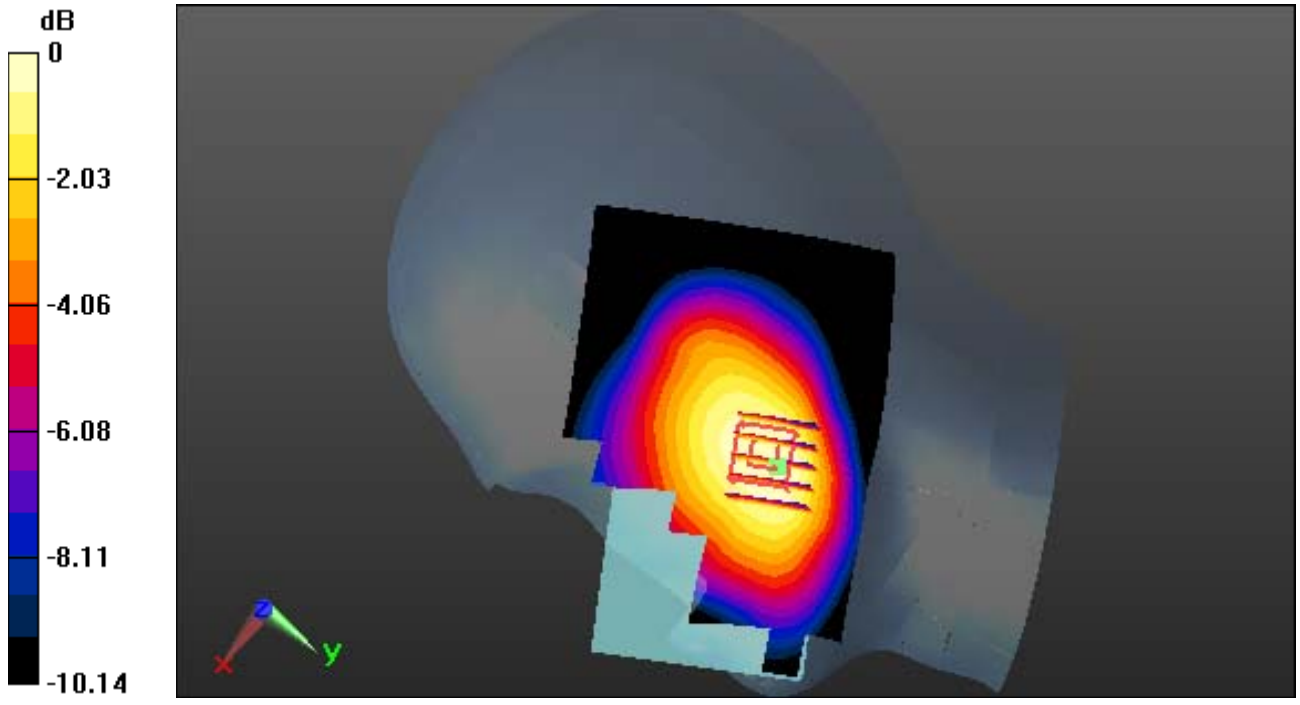
Communication System: CDMA850 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.917 S/m; ε_r = 42.513; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

Right Touch, CDMA850 Ch. 384, Ant Internal, Standard Battery

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.151 W/kg



0 dB = 0.218 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: CDMA850 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.917 S/m; ε_r = 42.513; ρ = 1000 kg/m^3
Phantom section: Right Section

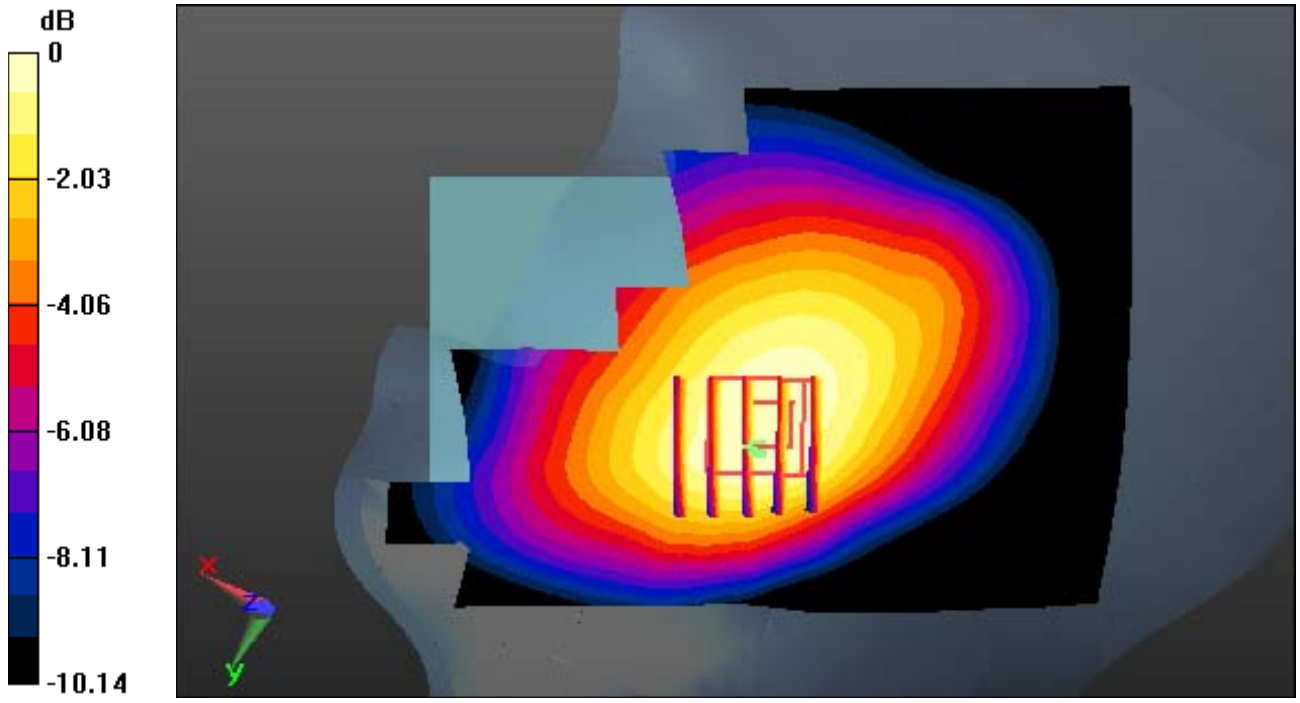
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

Right Touch, CDMA850 Ch. 384, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.151 W/kg



0 dB = 0.218 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

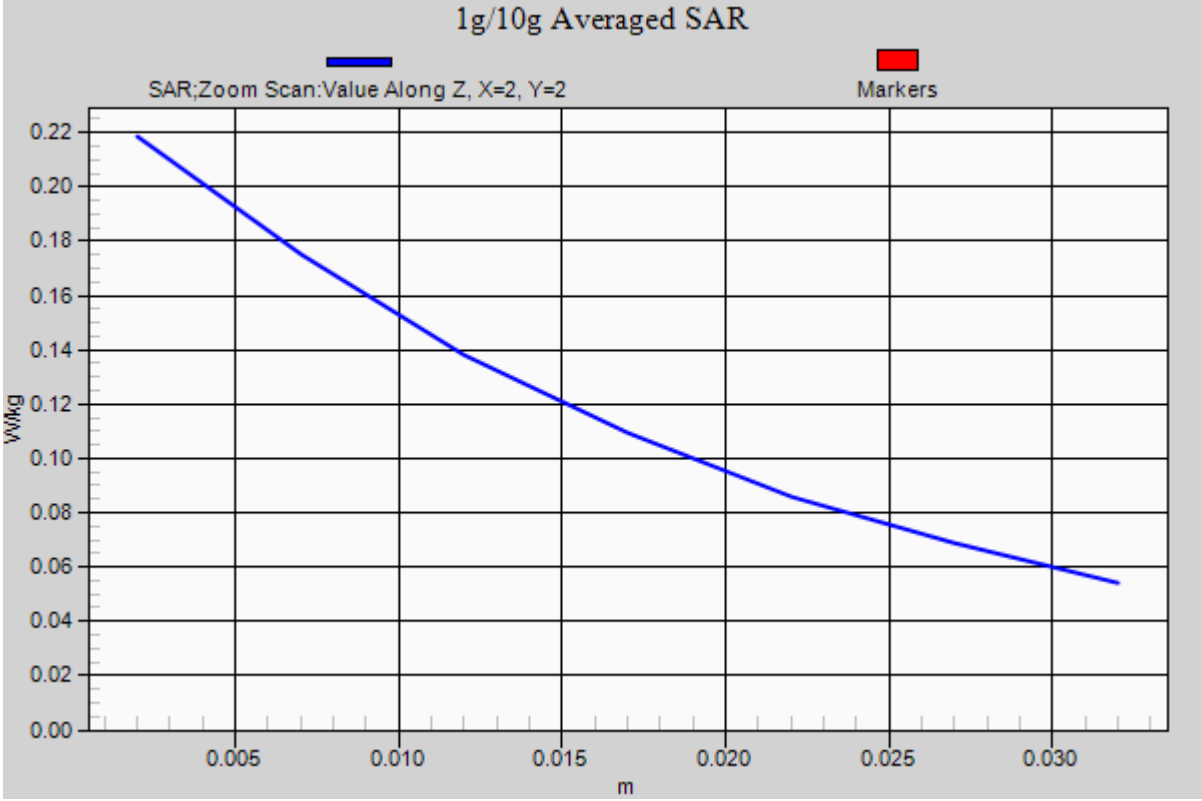
Communication System: CDMA850 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.917 S/m; ε_r = 42.513; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

Right Touch, CDMA850 Ch. 384, Ant Internal, Standard Battery

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.151 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

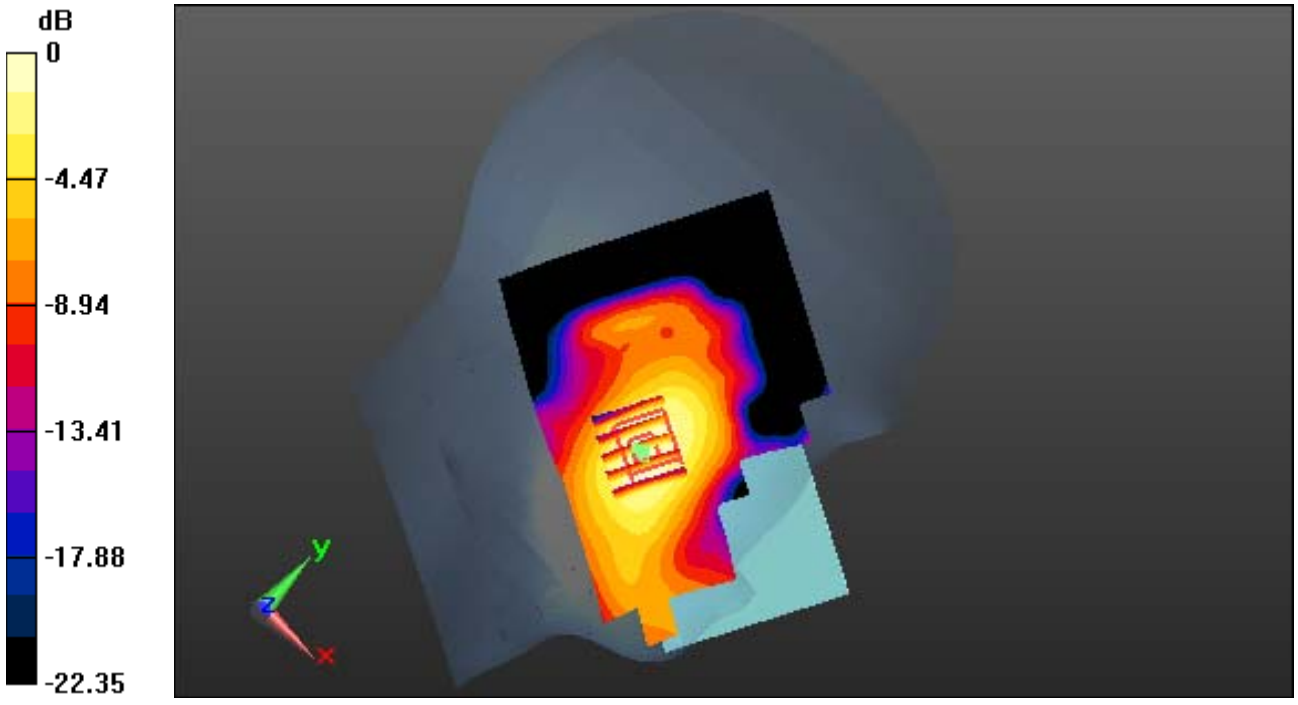
Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 40.134; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, CDMA1900 Ch. 600, Ant Internal, Standard Battery

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.117 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 40.134; ρ = 1000 kg/m^3
Phantom section: Left Section

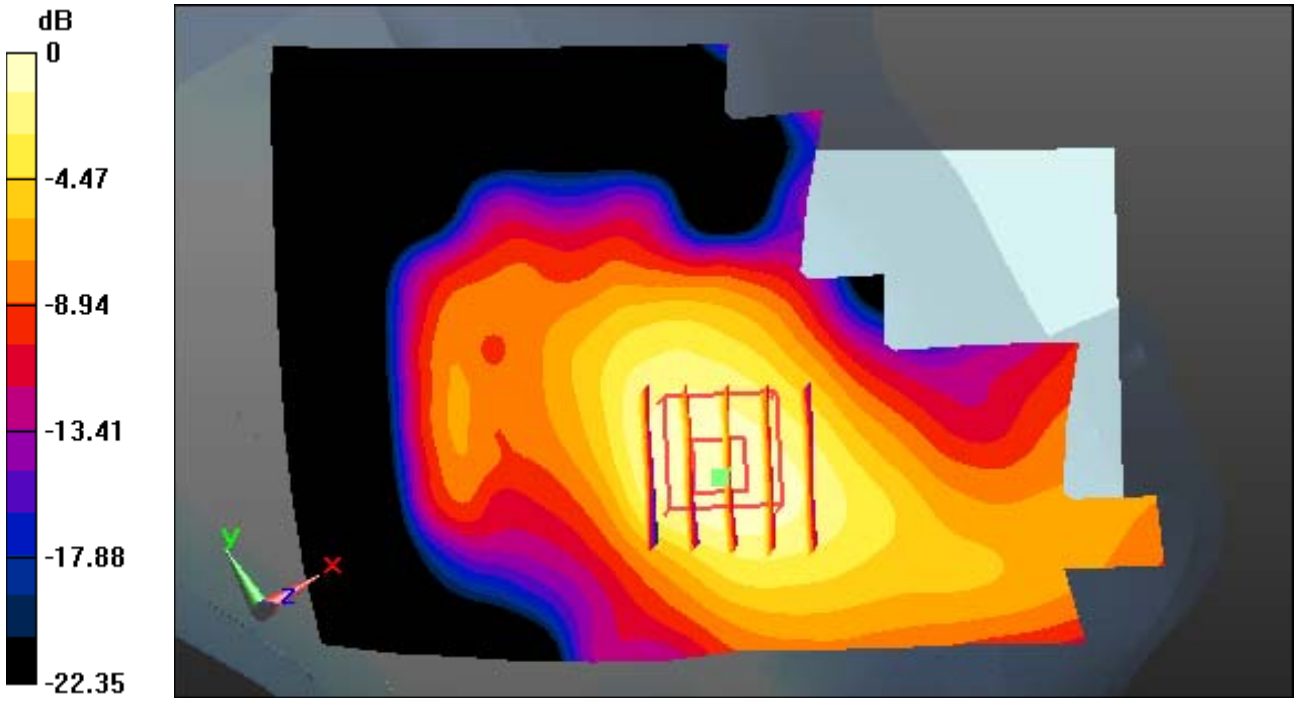
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, CDMA1900 Ch. 600, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.117 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

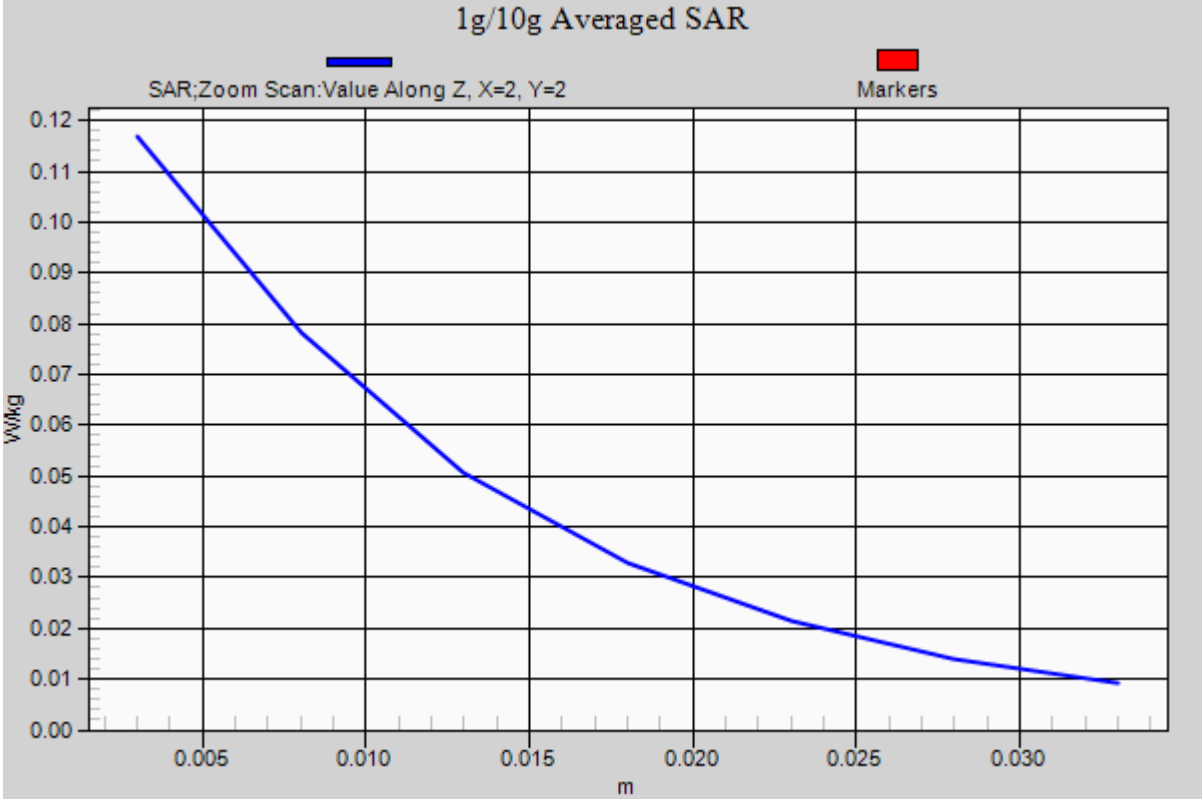
Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 40.134; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, CDMA1900 Ch. 600, Ant Internal, Standard Battery

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.061 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

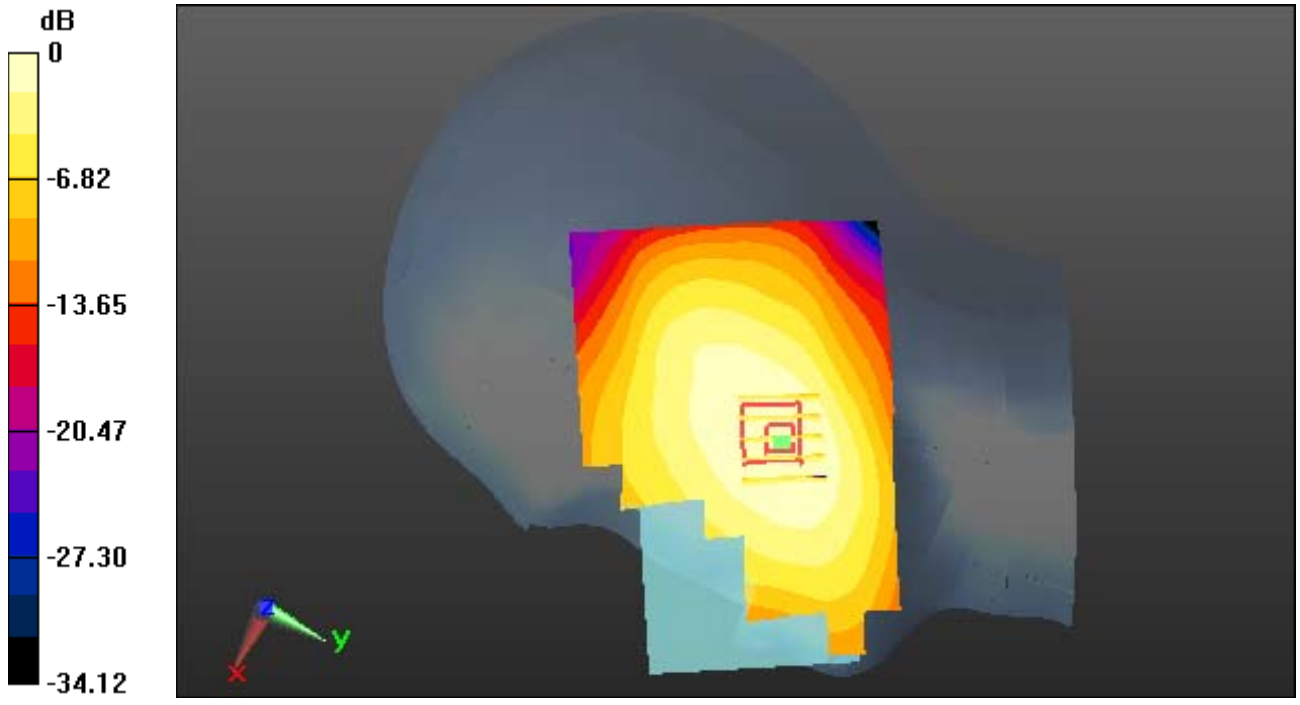
Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.07491
Medium parameters used: f = 836.6 MHz; σ = 0.92 S/m; ε_r = 42.211; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

Right Touch, GSM850 GPRS 4Tx Ch. 190, Ant Internal, Standard Battery

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.207 W/kg



0 dB = 0.296 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.07491
Medium parameters used: f = 836.6 MHz; σ = 0.92 S/m; ε_r = 42.211; ρ = 1000 kg/m^3
Phantom section: Right Section

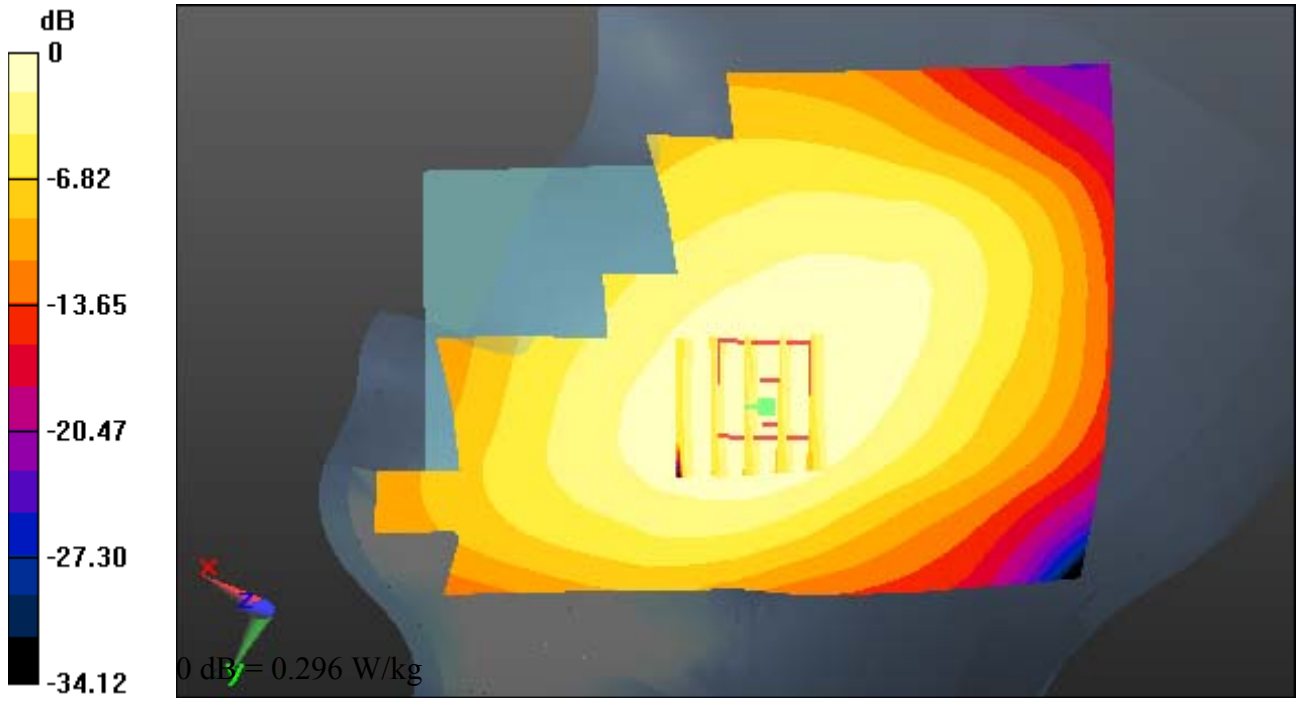
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

Right Touch, GSM850 GPRS 4Tx Ch. 190, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.207 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

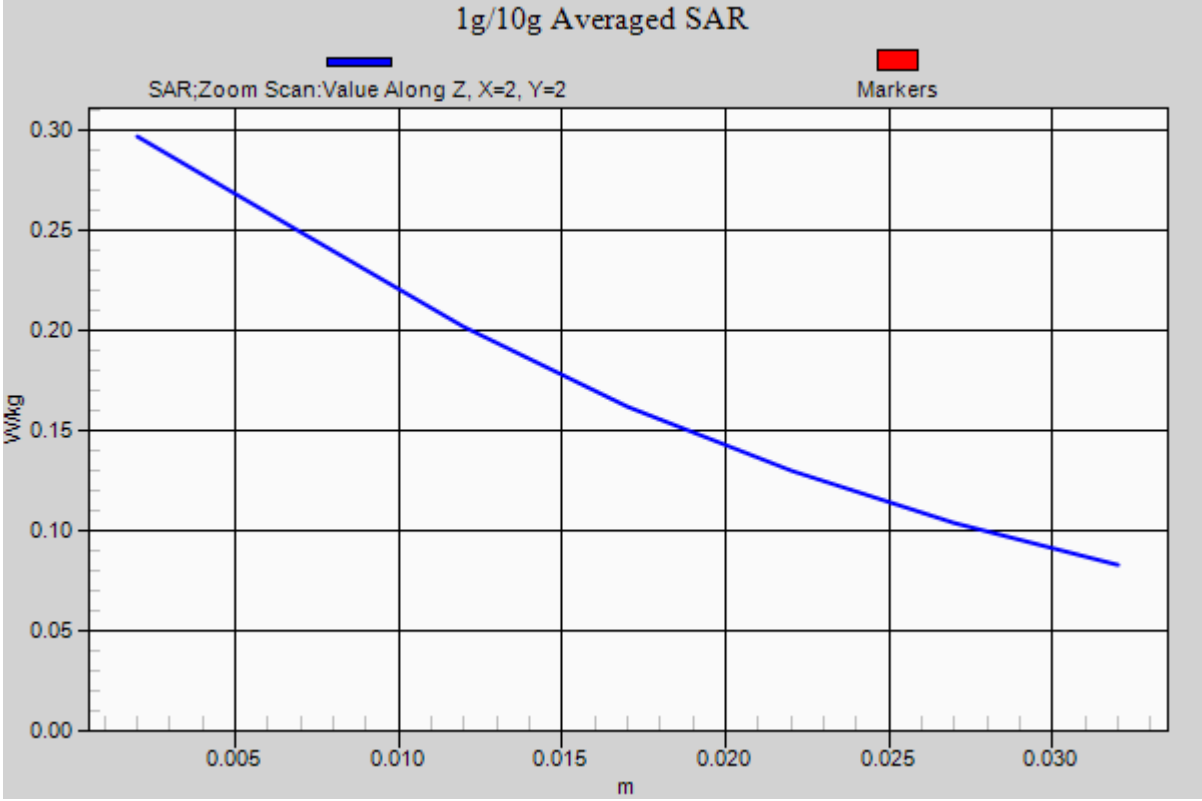
Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.07491
Medium parameters used: f = 836.6 MHz; σ = 0.92 S/m; ε_r = 42.211; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

Right Touch, GSM850 GPRS 4Tx Ch. 190, Ant Internal, Standard Battery

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.207 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

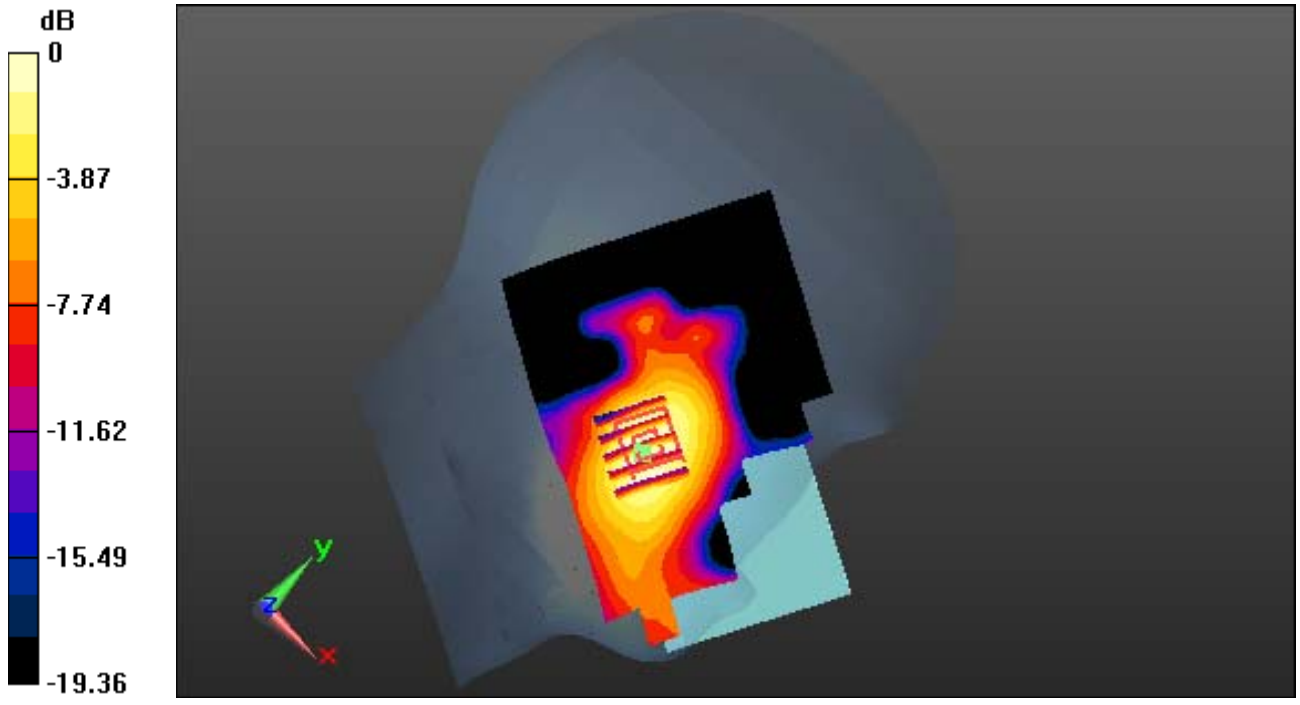
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 40.051; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

Left Touch, GSM1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.045 W/kg



0 dB = 0.0869 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 40.051; ρ = 1000 kg/m^3
Phantom section: Left Section

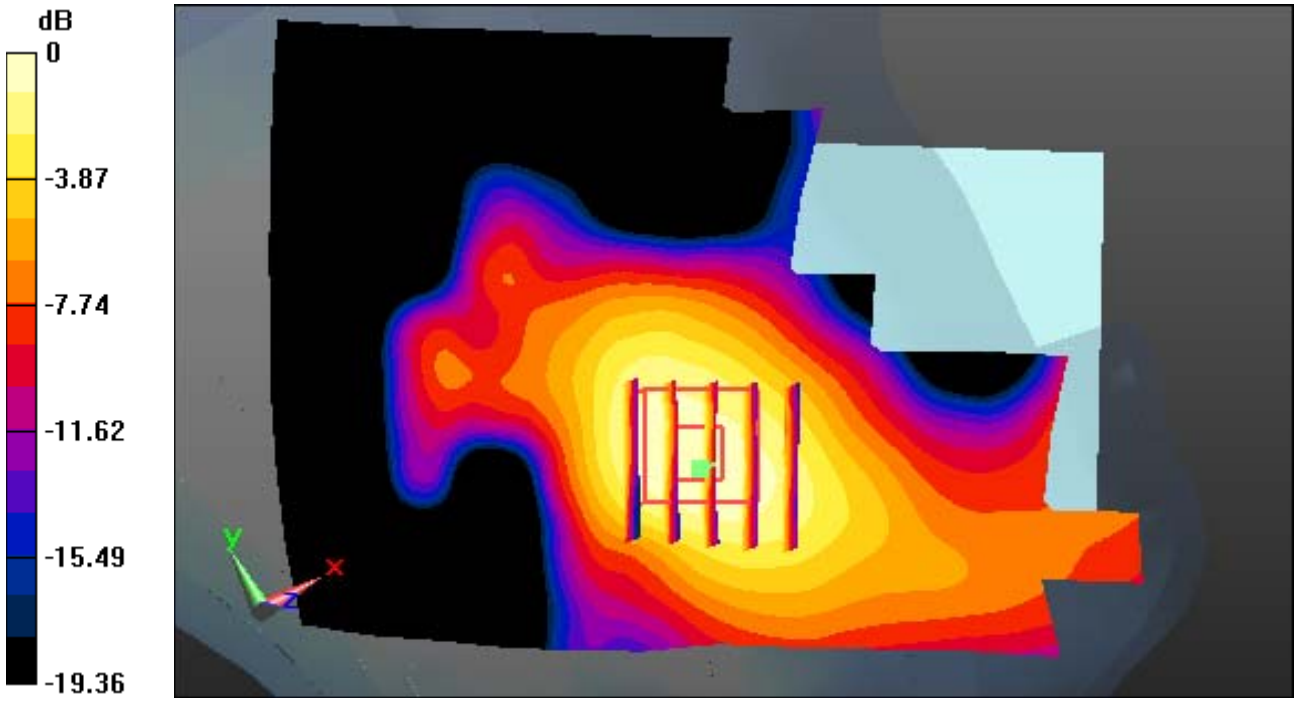
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

Left Touch, GSM1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.045 W/kg



0 dB = 0.0869 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

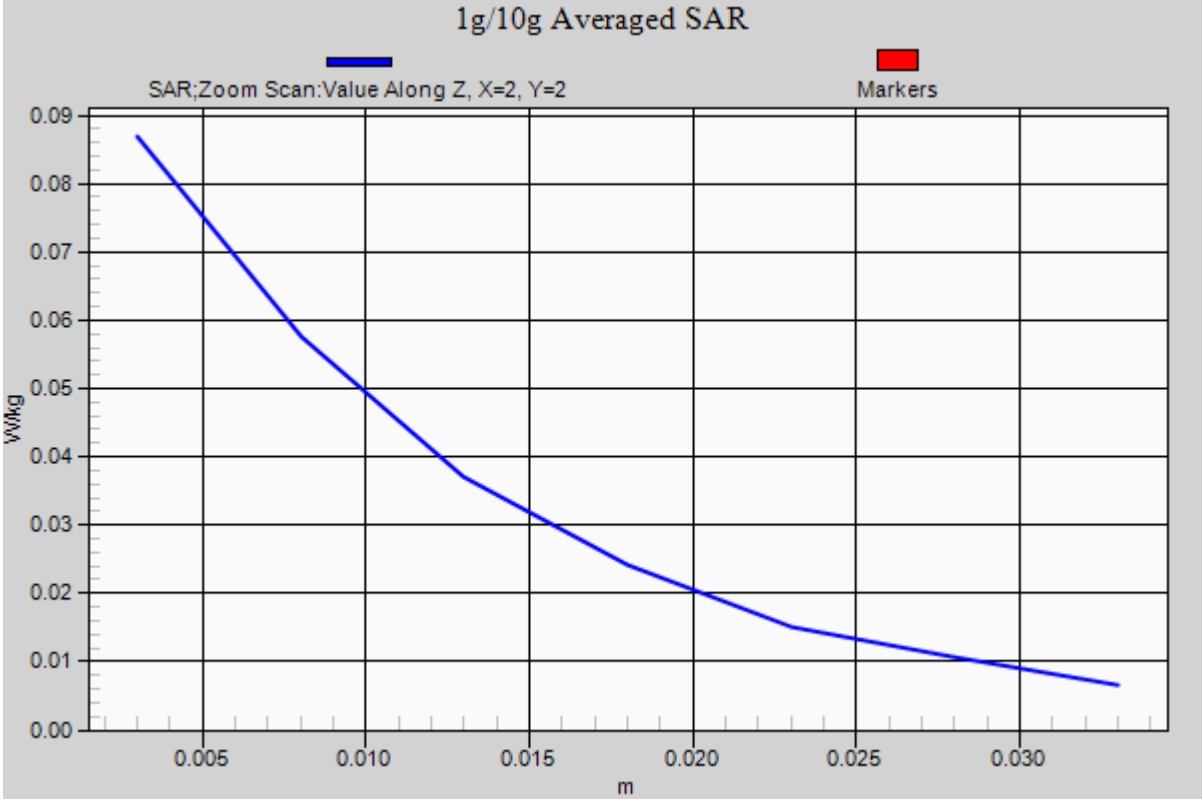
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 40.051; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

Left Touch, GSM1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.045 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

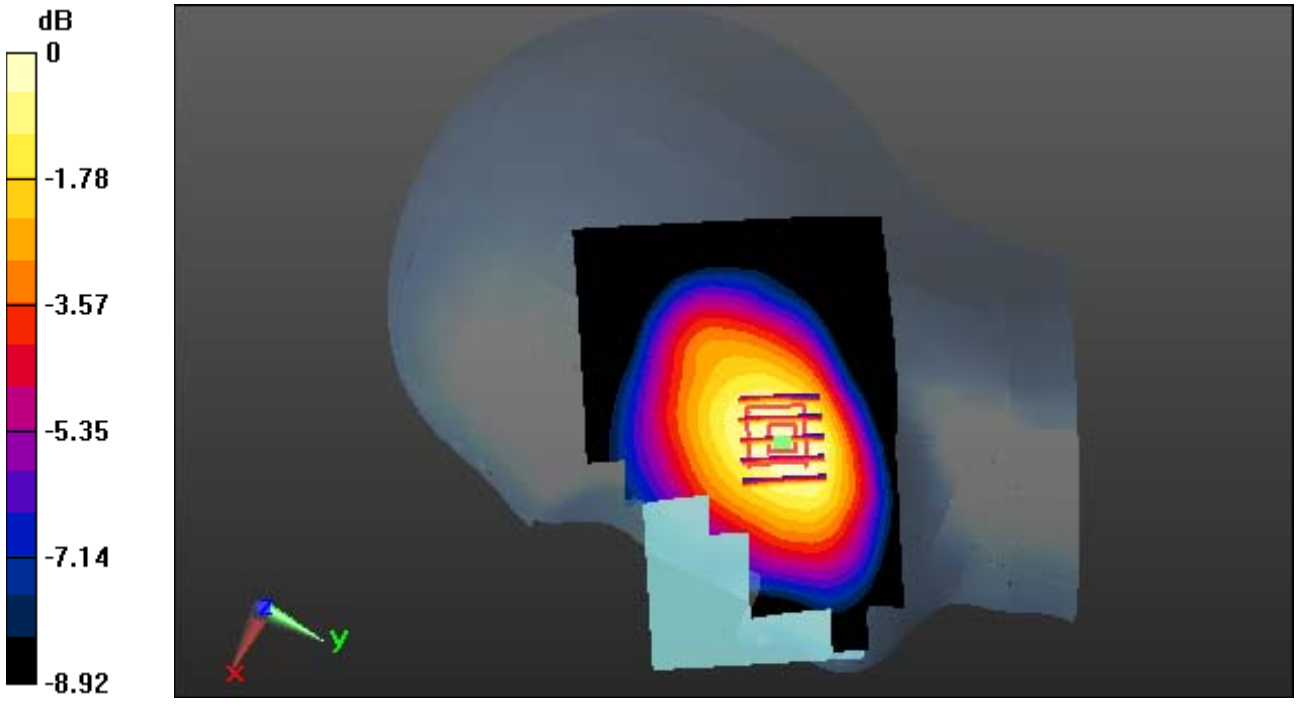
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.926 S/m; ε_r = 42.605; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.141 W/kg



0 dB = 0.205 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.926 S/m; ε_r = 42.605; ρ = 1000 kg/m^3
Phantom section: Right Section

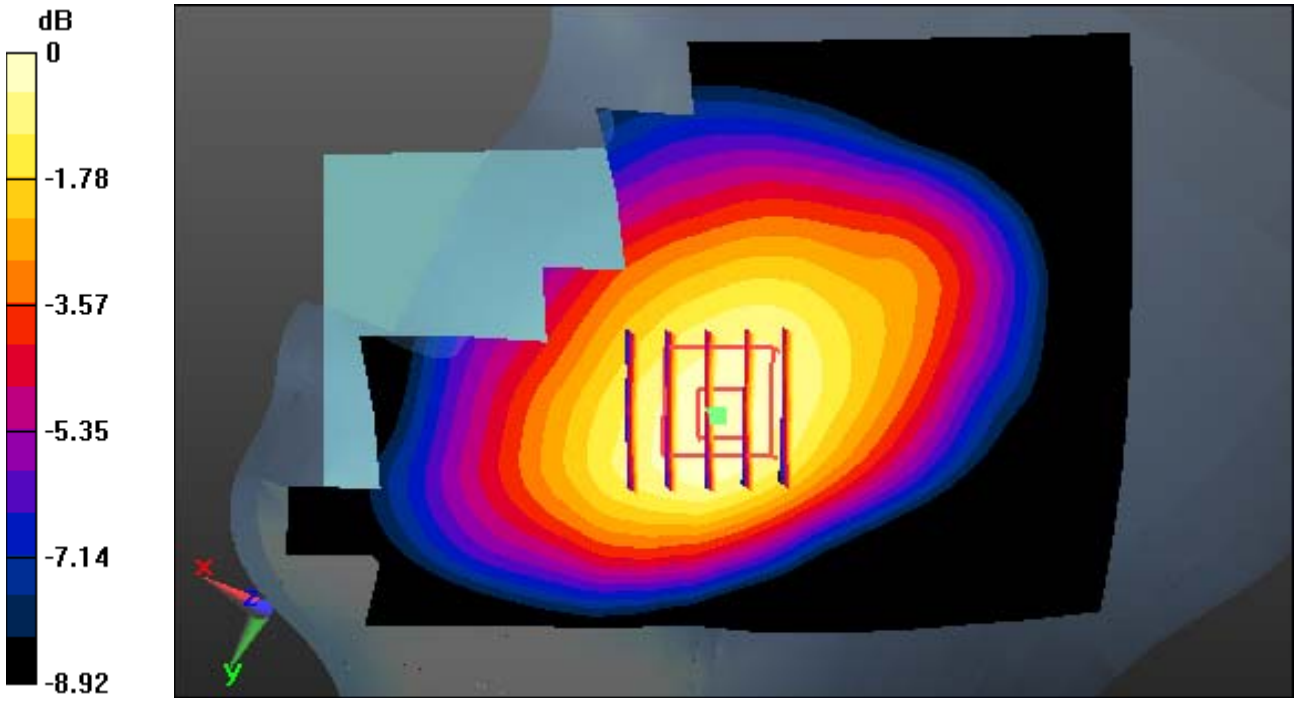
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.141 W/kg



0 dB = 0.205 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

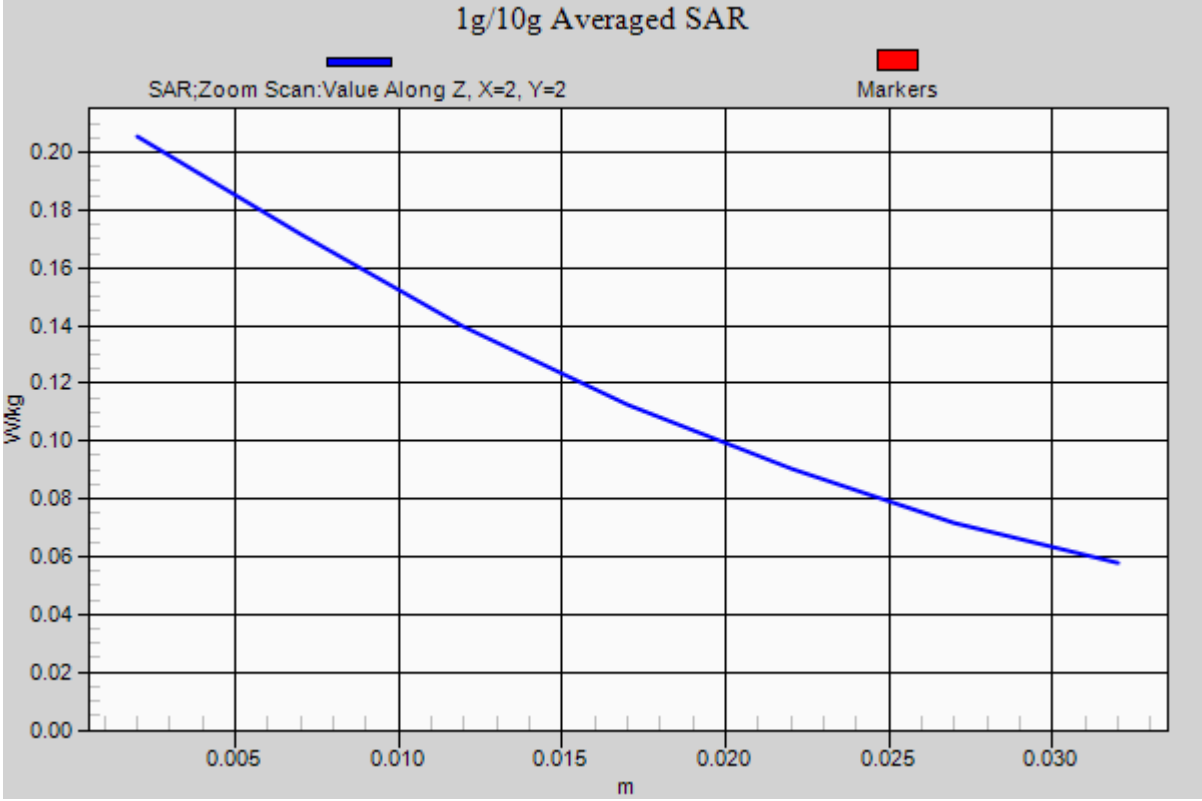
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.926 S/m; ε_r = 42.605; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.141 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

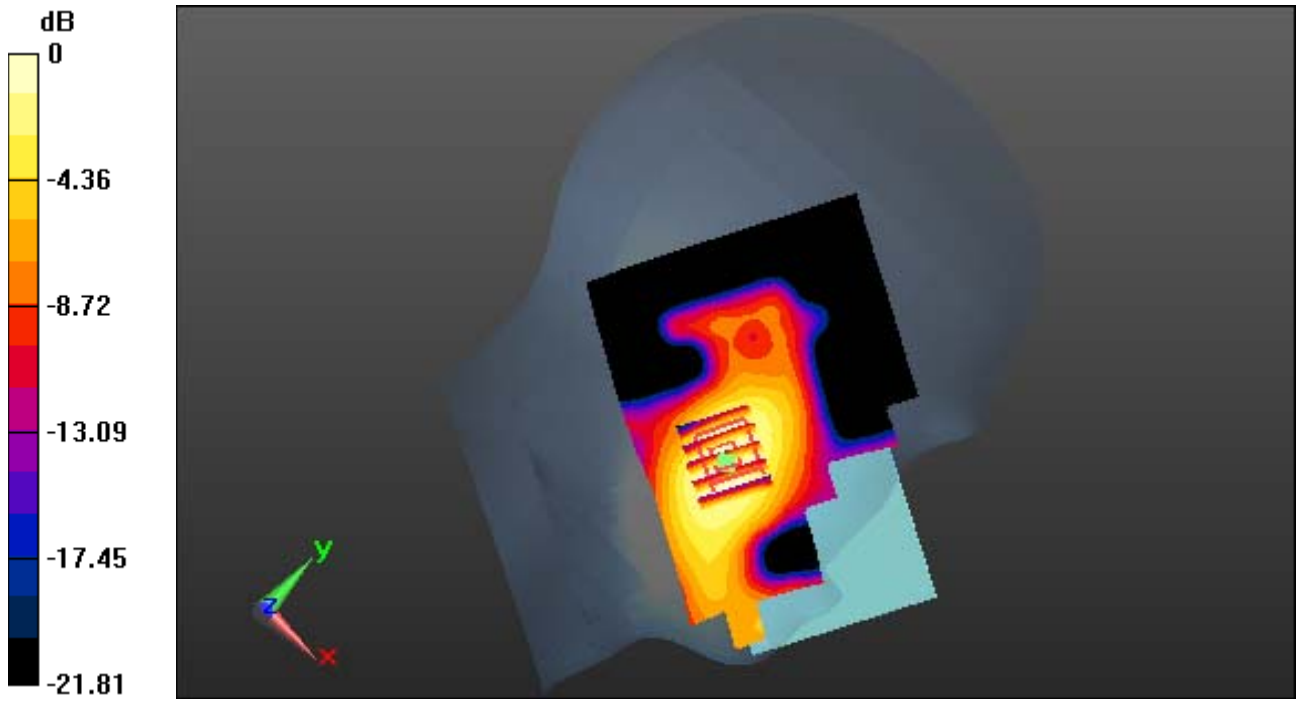
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.401 S/m; ε_r = 40.254; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

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

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.0791 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.401 S/m; ε_r = 40.254; ρ = 1000 kg/m^3
Phantom section: Left Section

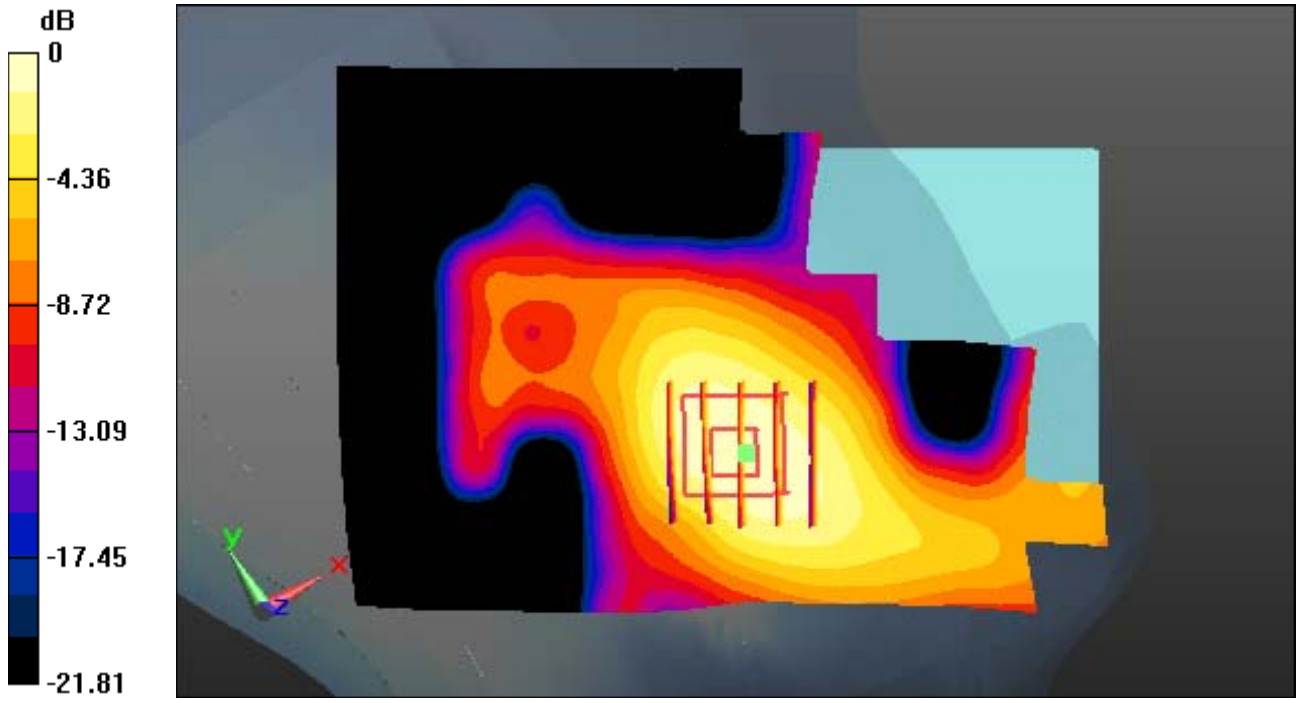
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

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

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.0791 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

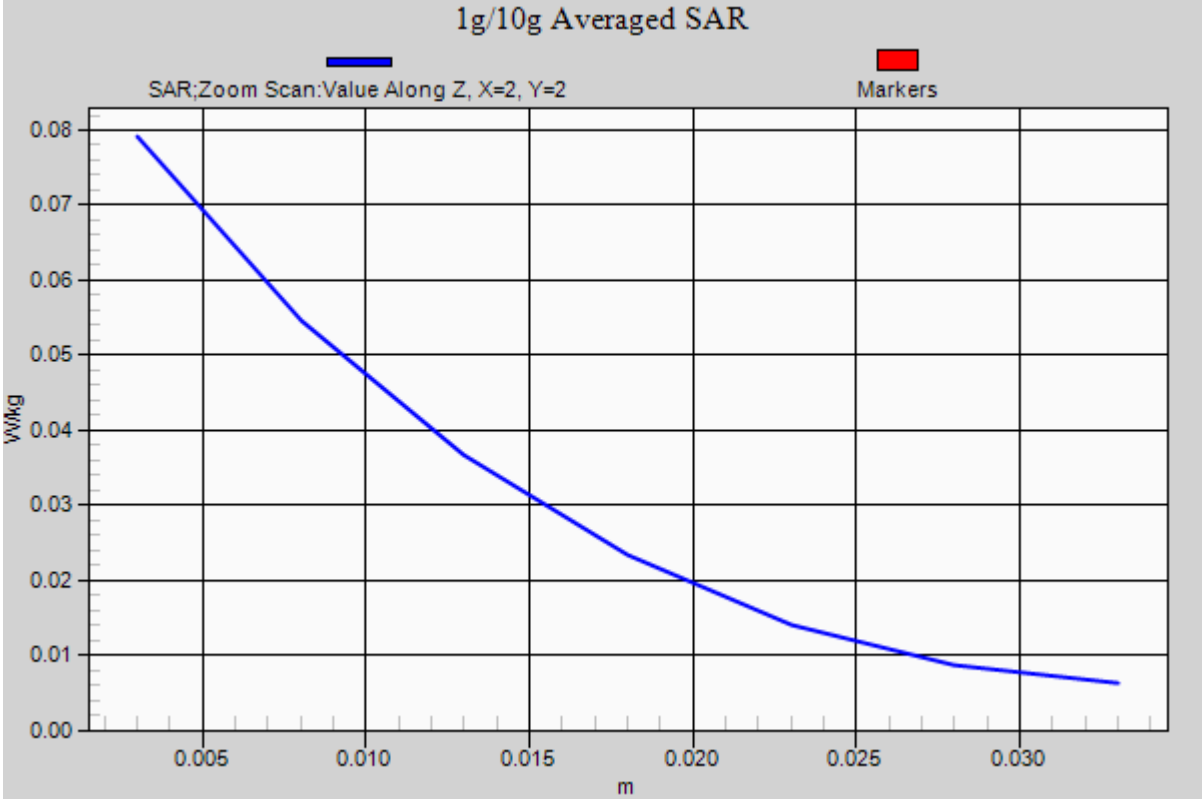
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.401 S/m; ε_r = 40.254; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

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

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.041 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.881 S/m; ε_r = 42.852; ρ = 1000 kg/m^3
Phantom section: Right Section

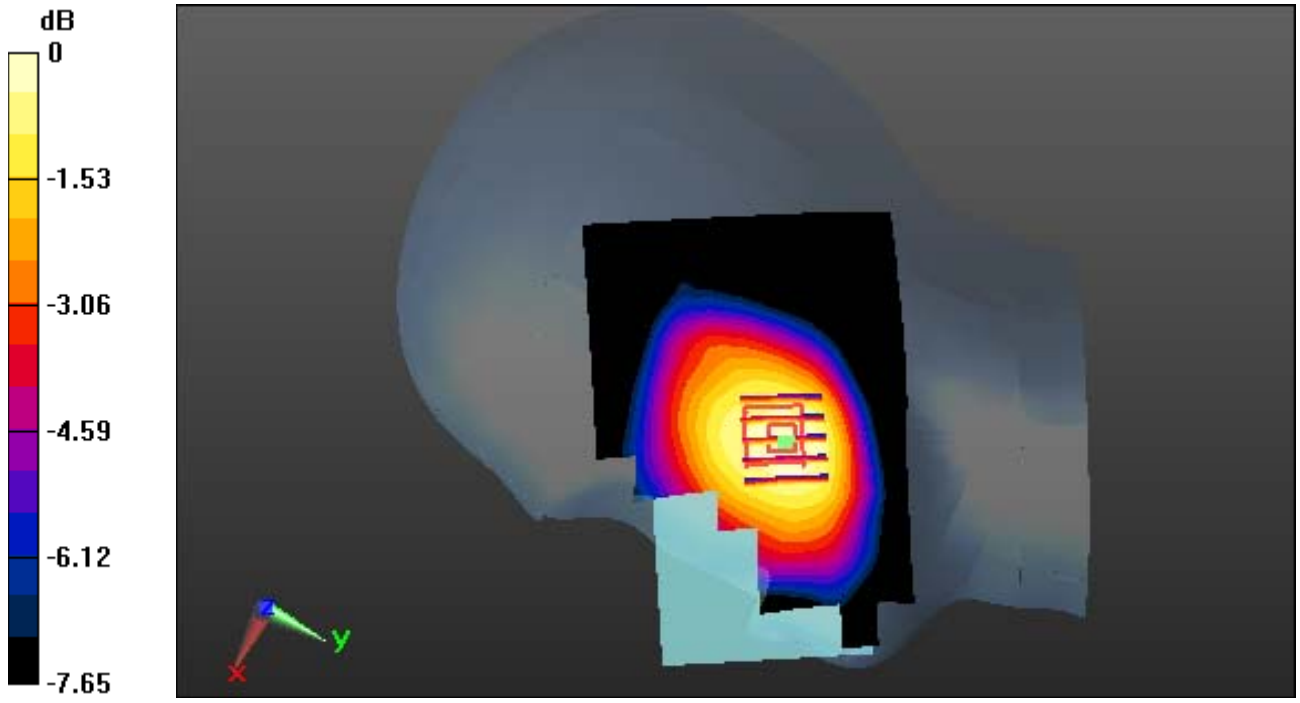
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2; Tissue Temp: 22.5

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.112 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.881 S/m; ε_r = 42.852; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

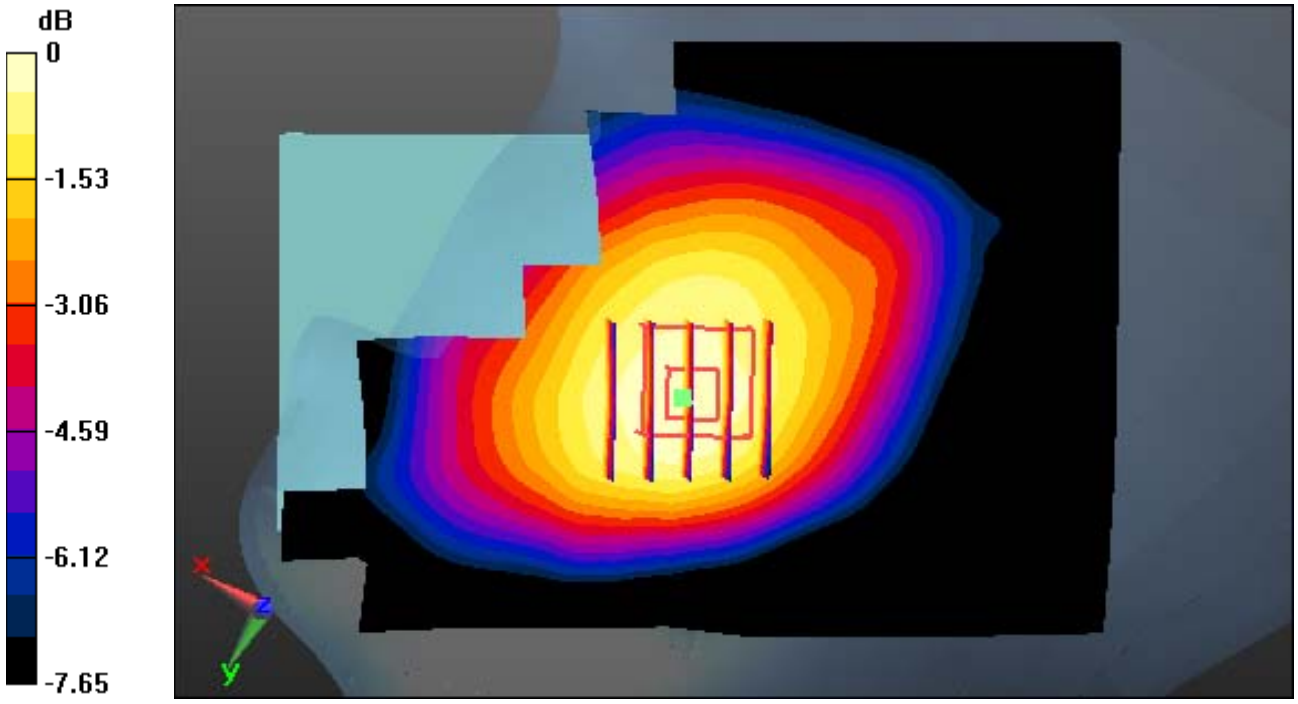
Test Date: 2015-09-09; Ambient Temp: 22.2; Tissue Temp: 22.5

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.112 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.881 S/m; ε_r = 42.852; ρ = 1000 kg/m^3
Phantom section: Right Section

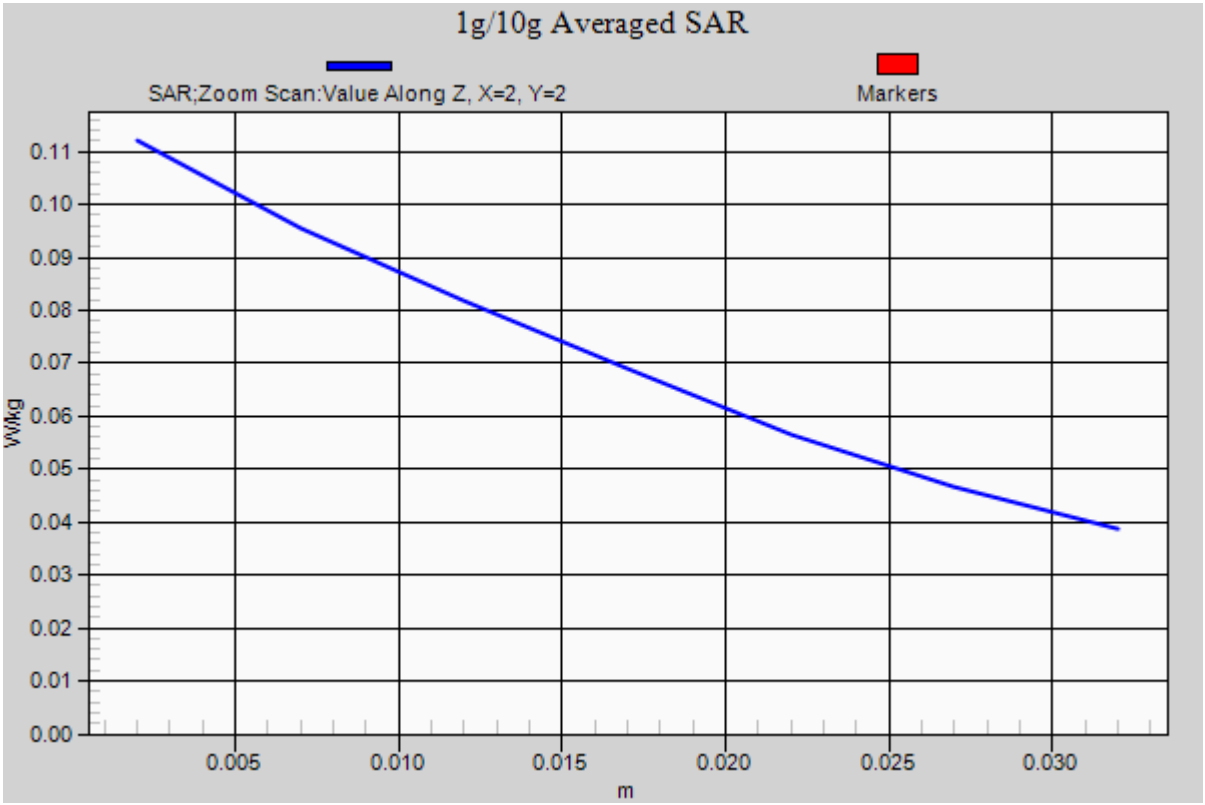
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2; Tissue Temp: 22.5

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.081 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.898 S/m; ε_r = 41.327; ρ = 1000 kg/m^3
Phantom section: Right Section

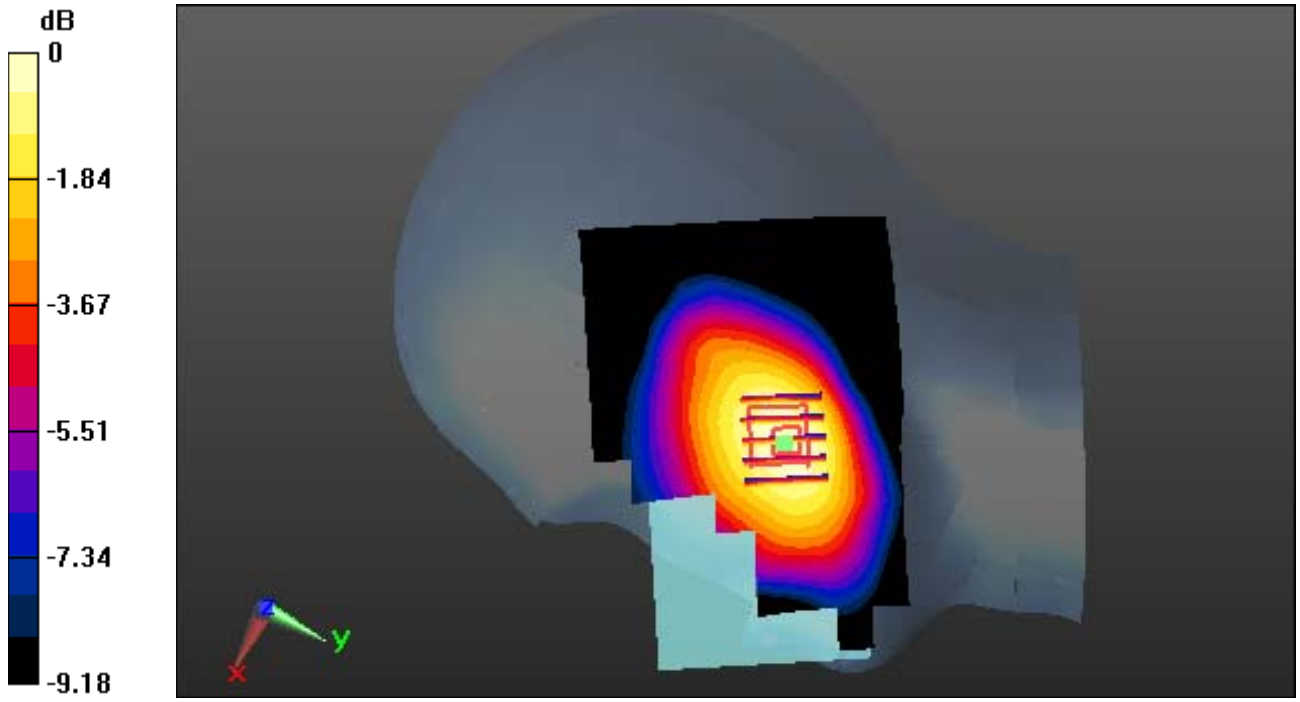
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9; Tissue Temp: 22.3

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.094 W/kg



0 dB = 0.134 W/kg

DUT: EF500; Type: PDA

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.898 S/m; ε_r = 41.327; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

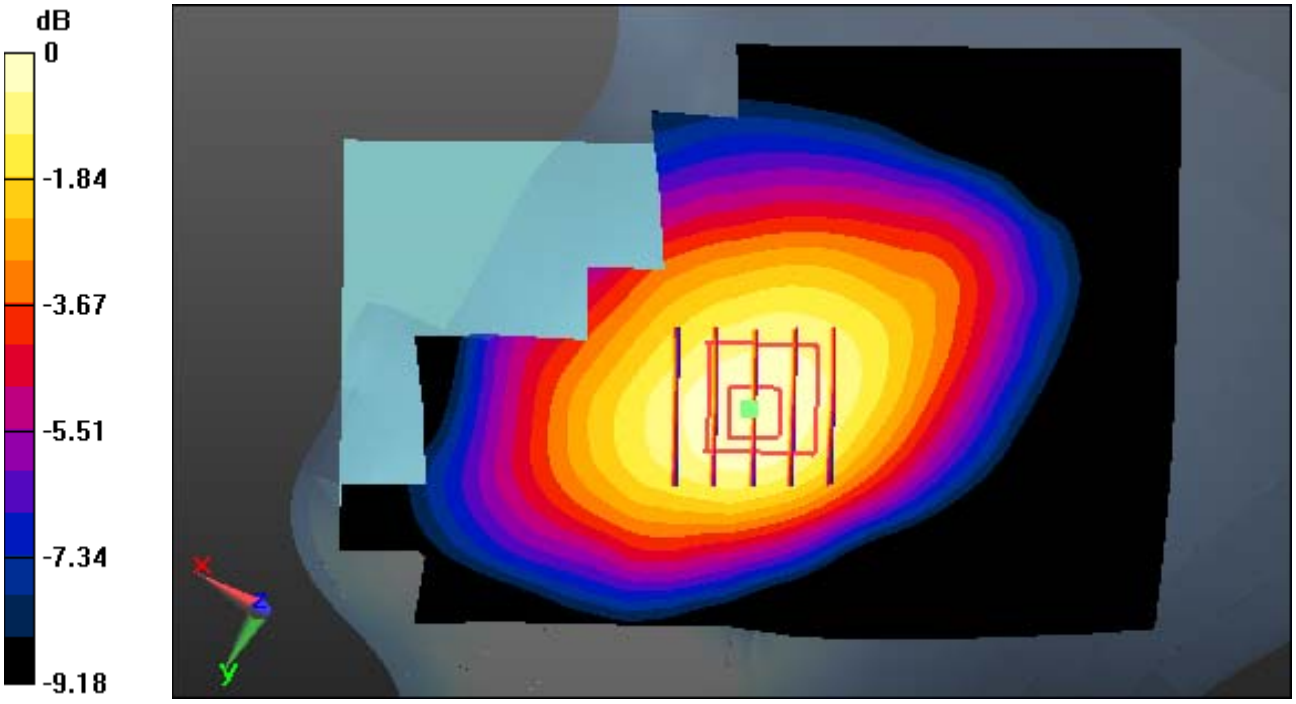
Test Date: 2015-09-08; Ambient Temp: 21.9; Tissue Temp: 22.3

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.094 W/kg



0 dB = 0.134 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.898 S/m; ε_r = 41.327; ρ = 1000 kg/m^3
Phantom section: Right Section

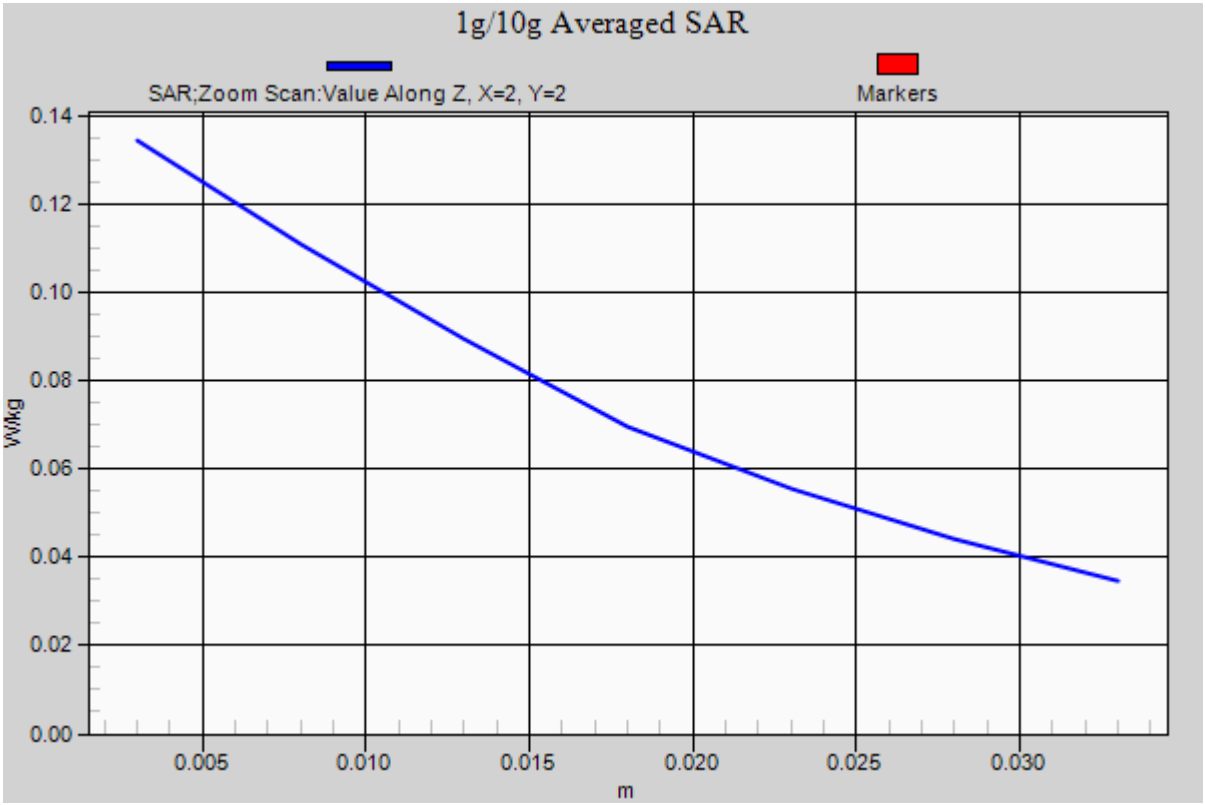
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9; Tissue Temp: 22.3

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.094 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.353 S/m; ε_r = 39.697; ρ = 1000 kg/m^3
Phantom section: Left Section

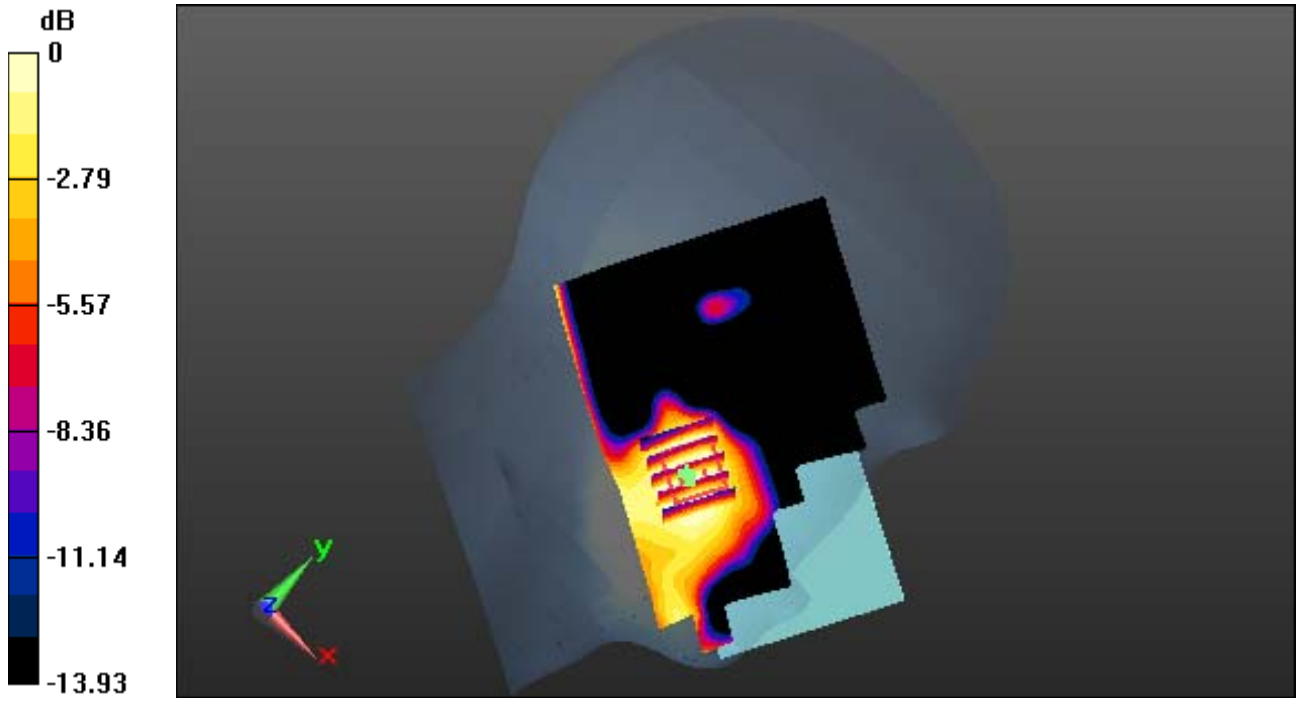
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3; Tissue Temp: 22.6

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0265 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.353 S/m; ε_r = 39.697; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

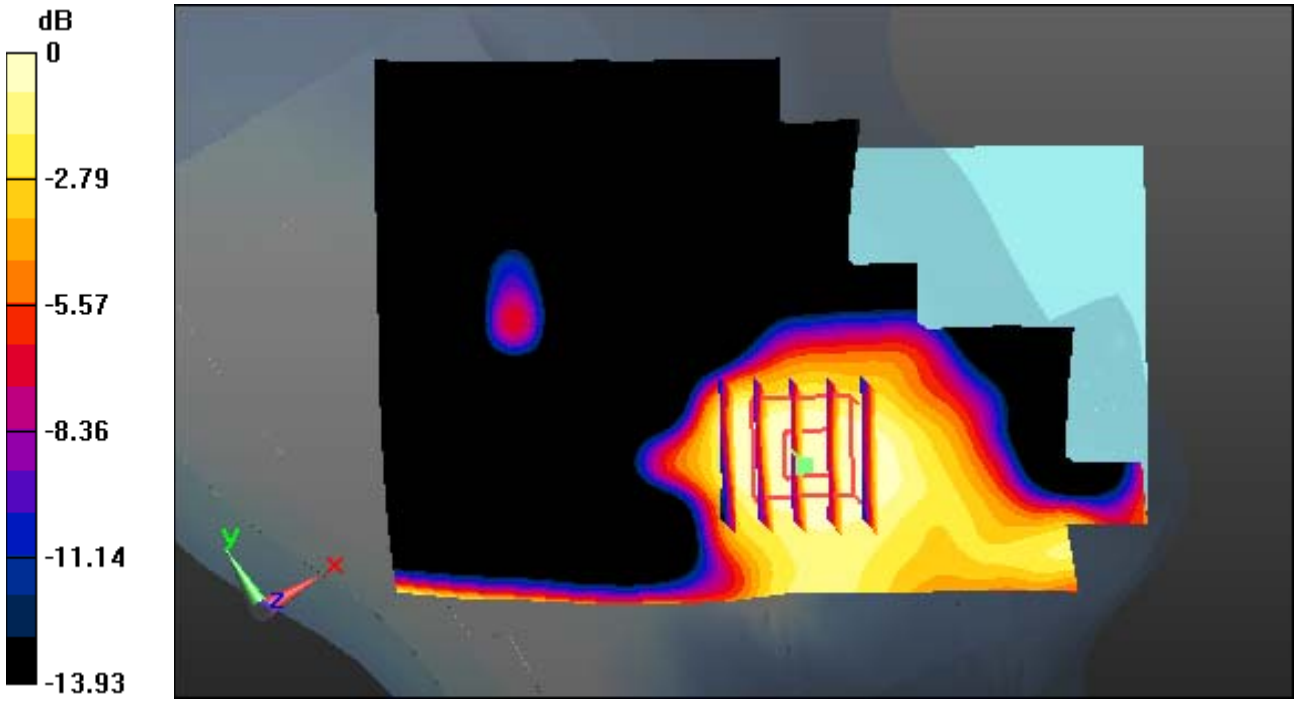
Test Date: 2015-09-07; Ambient Temp: 22.3; Tissue Temp: 22.6

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0265 W/kg

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.353 S/m; ε_r = 39.697; ρ = 1000 kg/m^3
Phantom section: Left Section

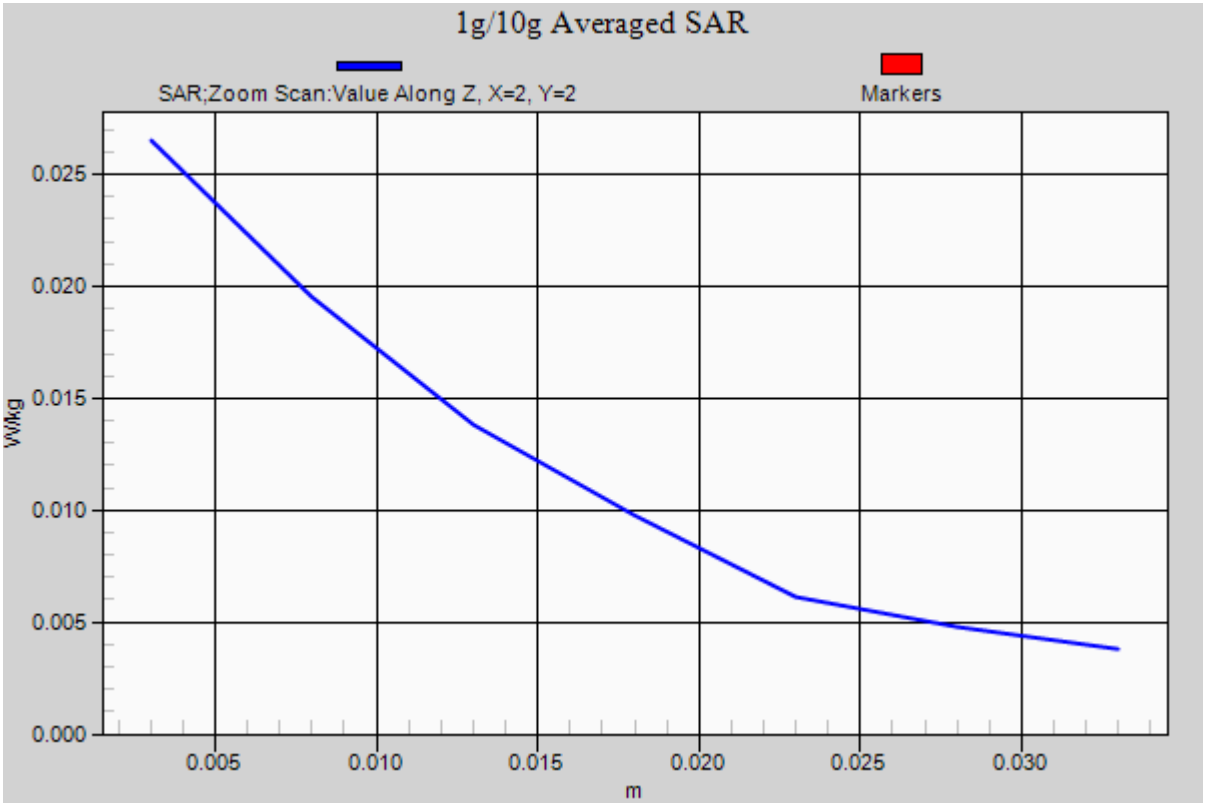
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3; Tissue Temp: 22.6

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

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.015 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.403 S/m; ε_r = 39.372; ρ = 1000 kg/m^3
Phantom section: Left Section

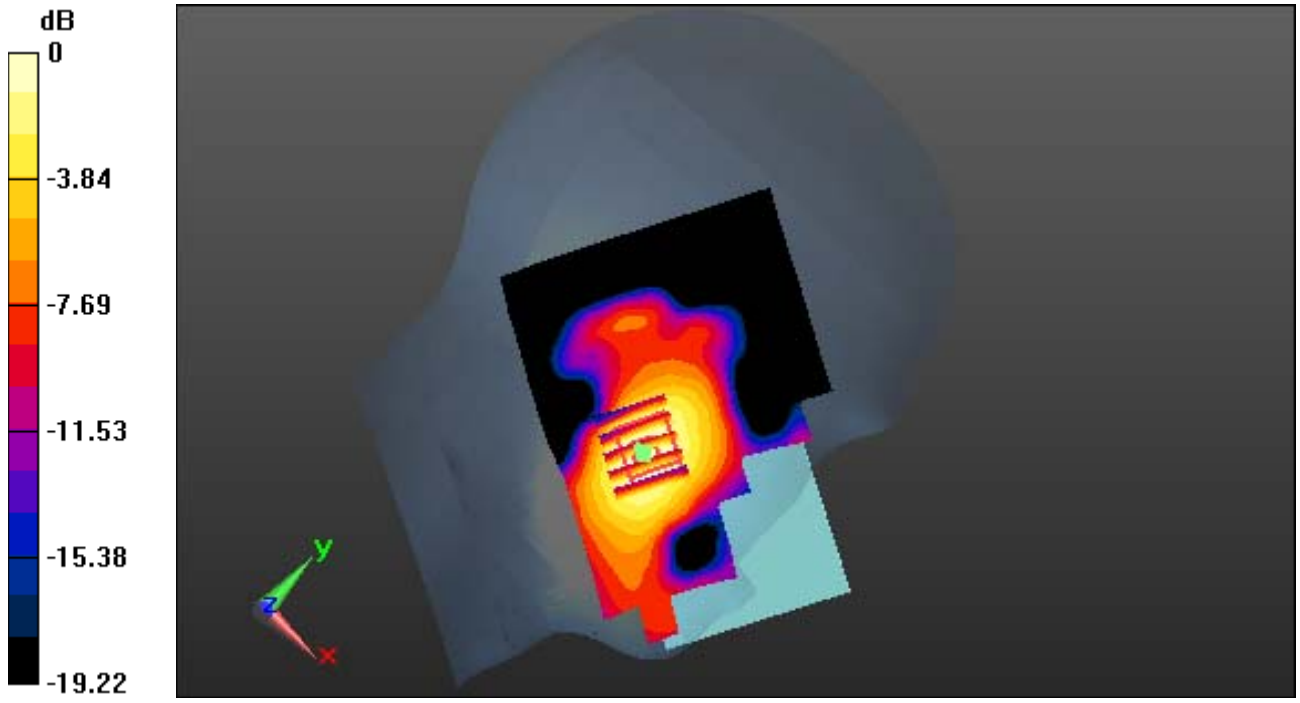
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7; Tissue Temp: 22.1

Left Touch, LTE Band 2 Ch. 18900, Ant Internal, Standard Battery

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.063 W/kg



0 dB = 0.121 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.403 S/m; ε_r = 39.372; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

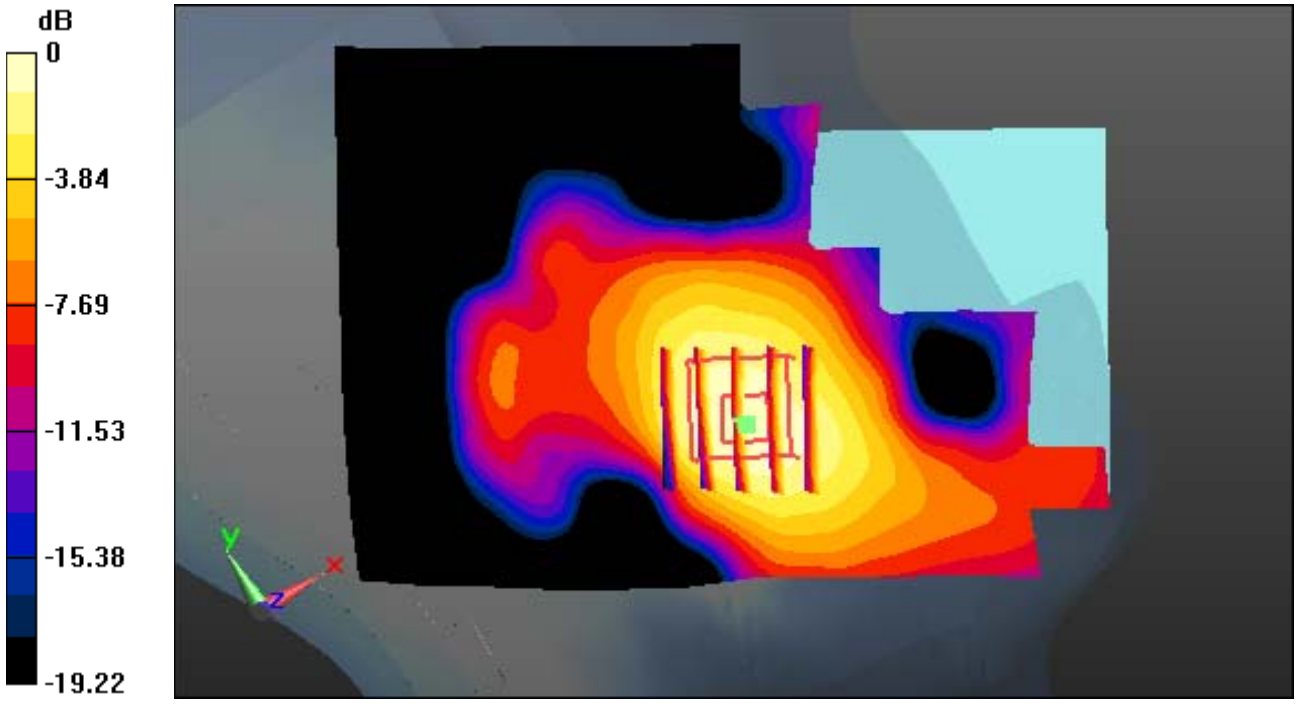
Test Date: 2015-09-04; Ambient Temp: 21.7; Tissue Temp: 22.1

Left Touch, LTE Band 2 Ch. 18900, Ant Internal, Standard Battery

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.063 W/kg



0 dB = 0.121 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.403 S/m; ε_r = 39.372; ρ = 1000 kg/m^3
Phantom section: Left Section

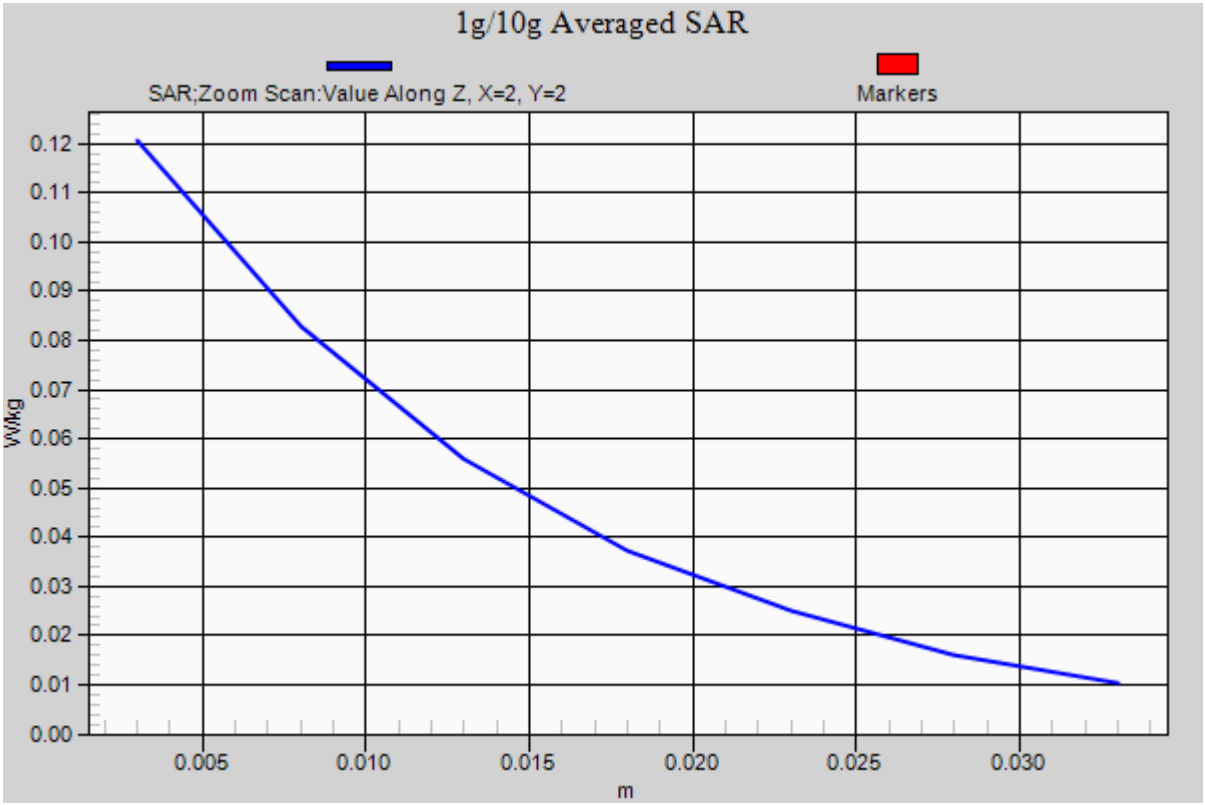
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7; Tissue Temp: 22.1

Left Touch, LTE Band 2 Ch. 18900, Ant Internal, Standard Battery

Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (81x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.063 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

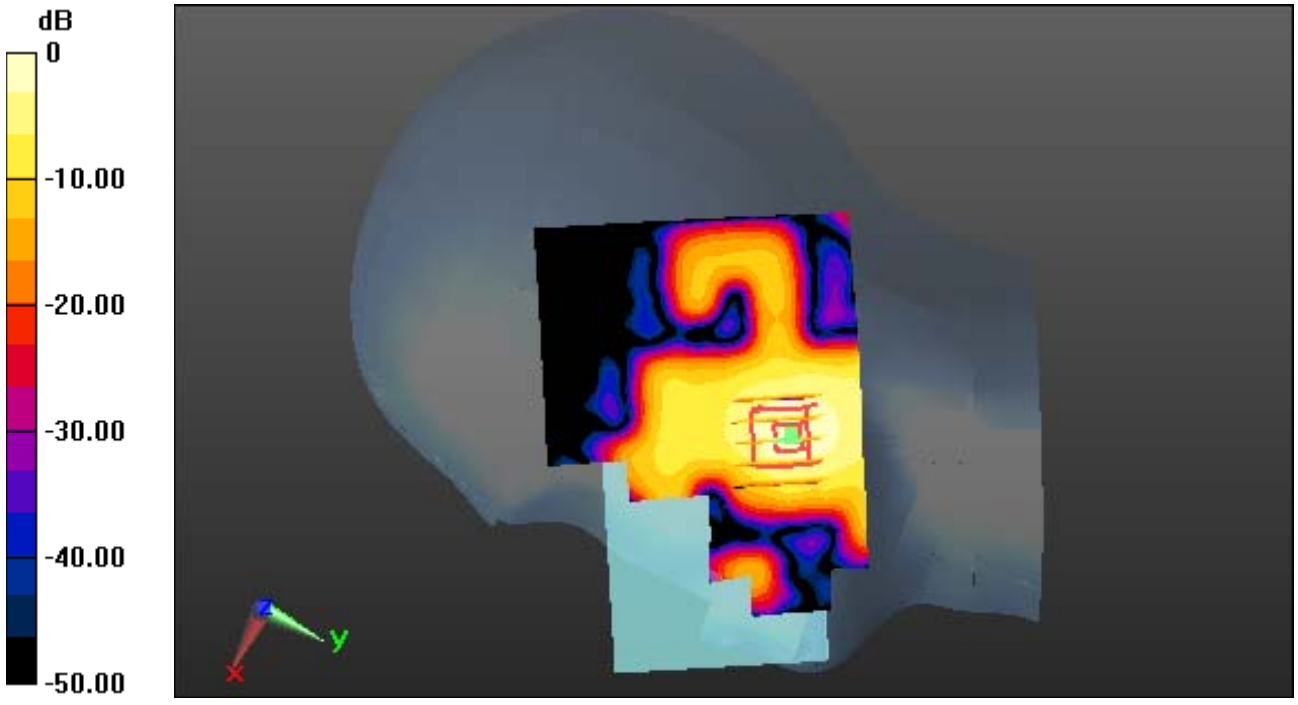
Communication System: W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.831 S/m; ε_r = 39.32; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

Area Scan (81x131x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.133 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.831 S/m; ε_r = 39.32; ρ = 1000 kg/m^3
Phantom section: Right Section

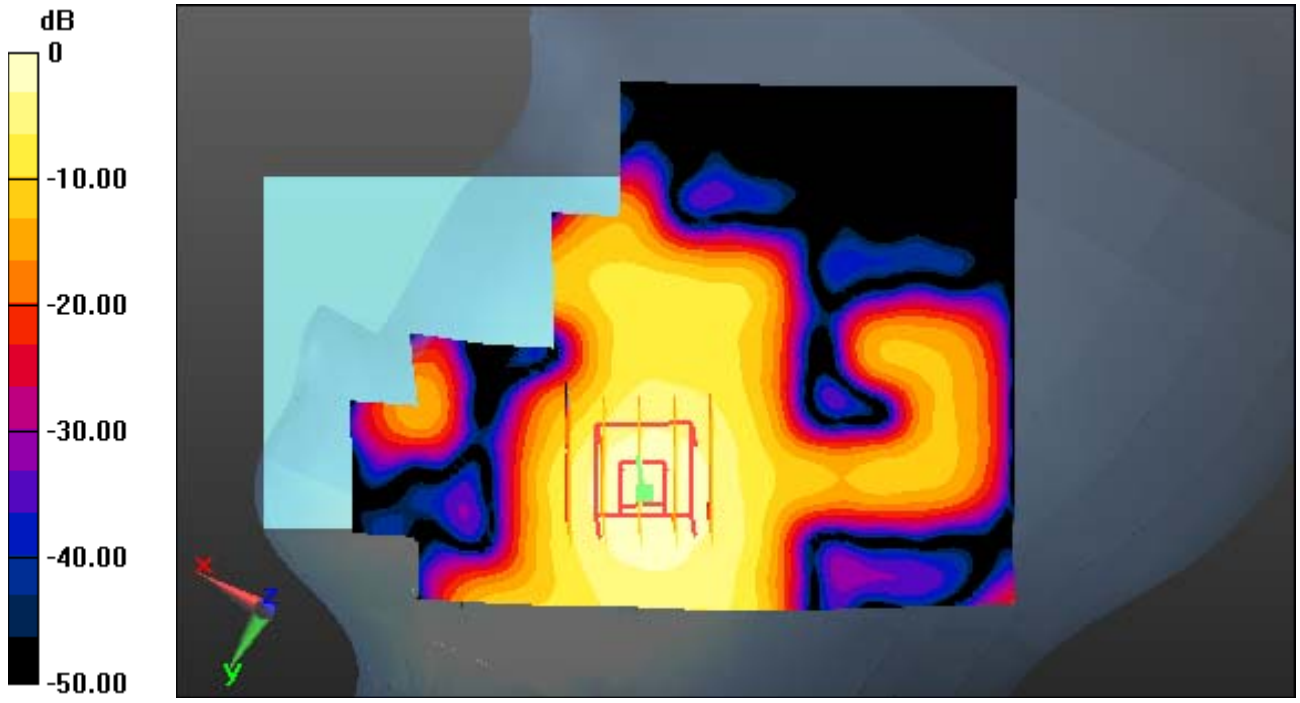
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (81x131x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.133 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

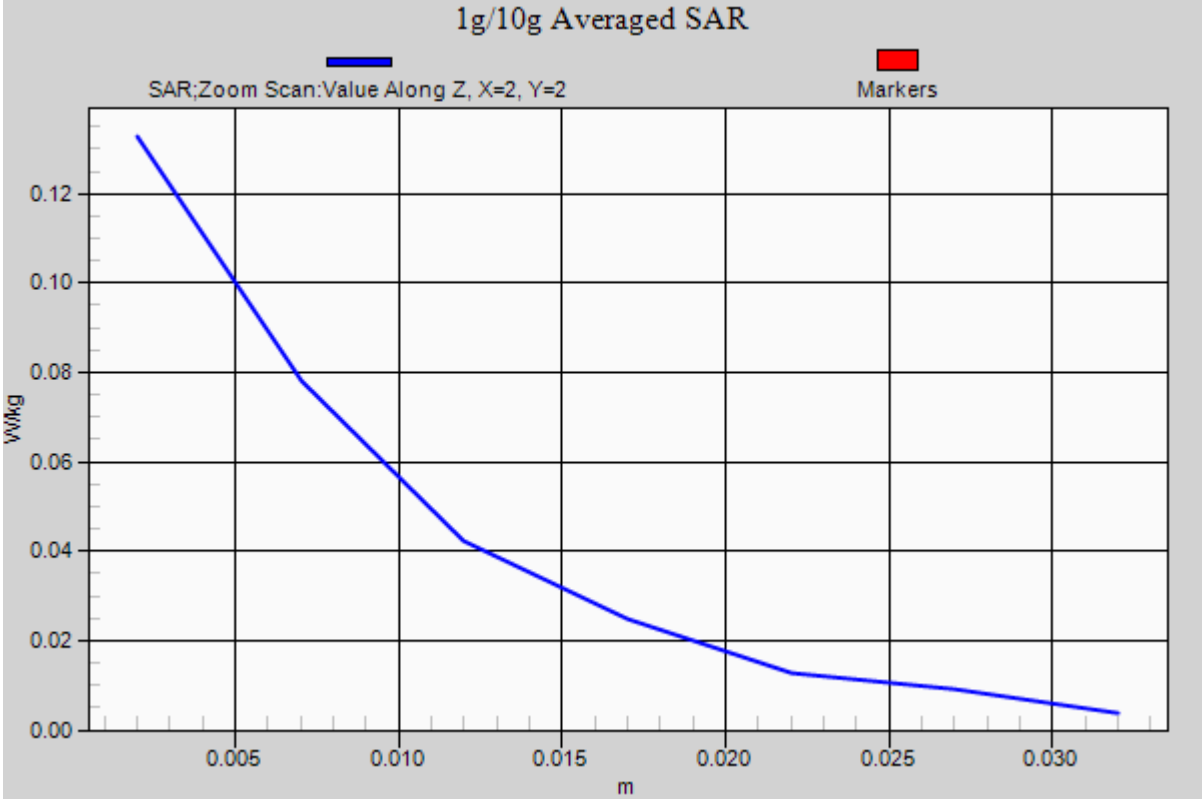
Communication System: W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.831 S/m; ε_r = 39.32; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

Area Scan (81x131x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.049 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

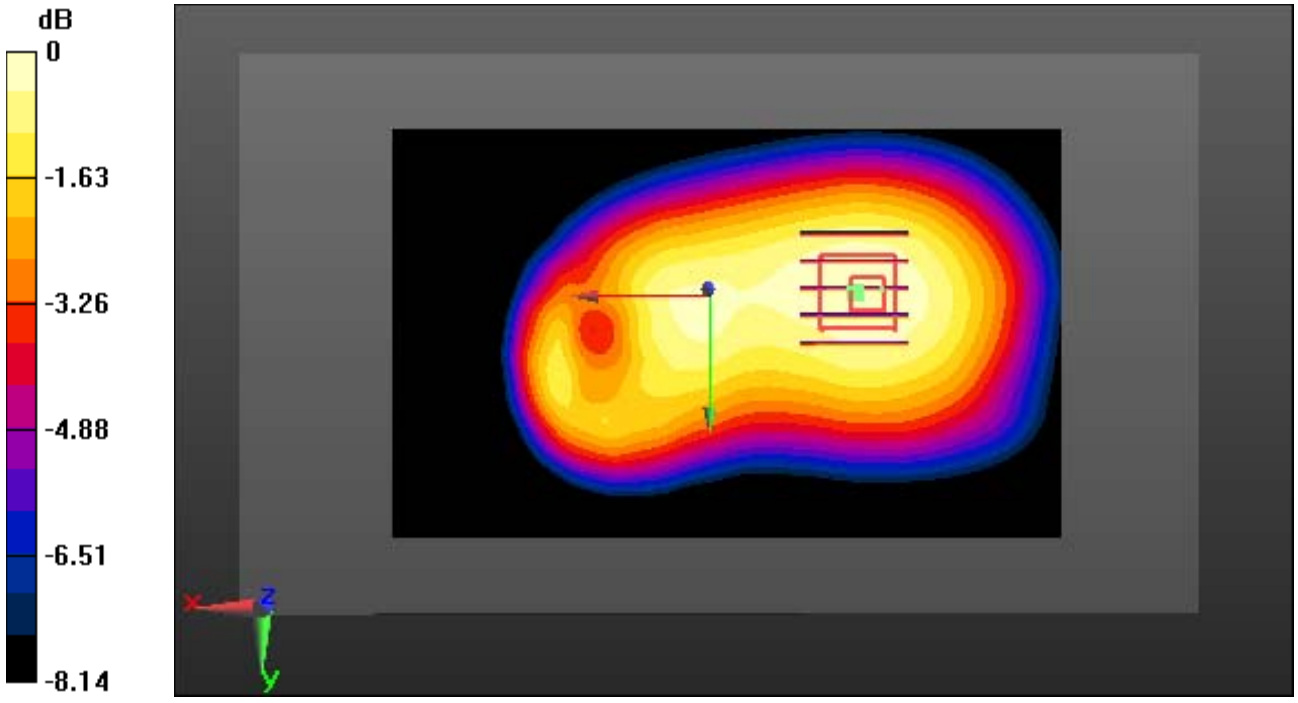
Communication System: CDMA850 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.997 S/m; ε_r = 54.681; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

1.0 cm space from Body, Rear, CDMA850 Ch. 384, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.181 W/kg



0 dB = 0.276 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: CDMA850 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.997 S/m; ε_r = 54.681; ρ = 1000 kg/m^3
Phantom section: Center Section

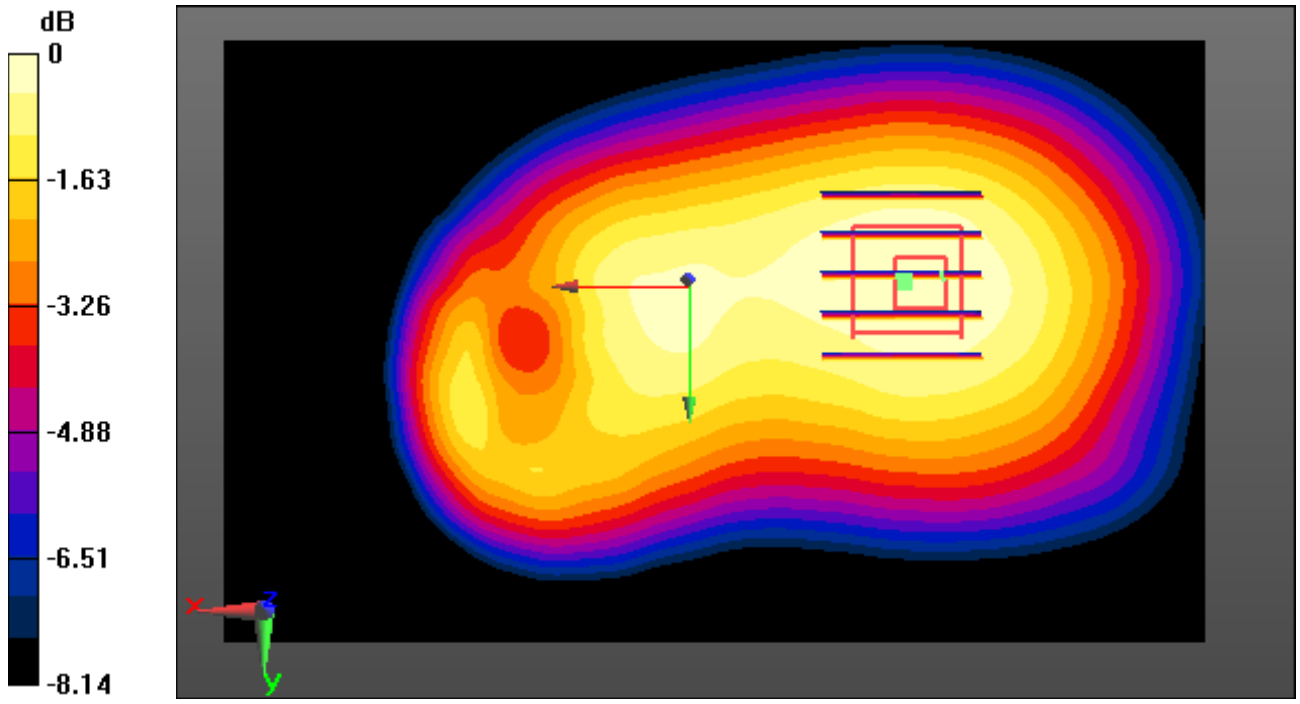
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

1.0 cm space from Body, Rear, CDMA850 Ch. 384, Ant.Internal

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.181 W/kg



0 dB = 0.276 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

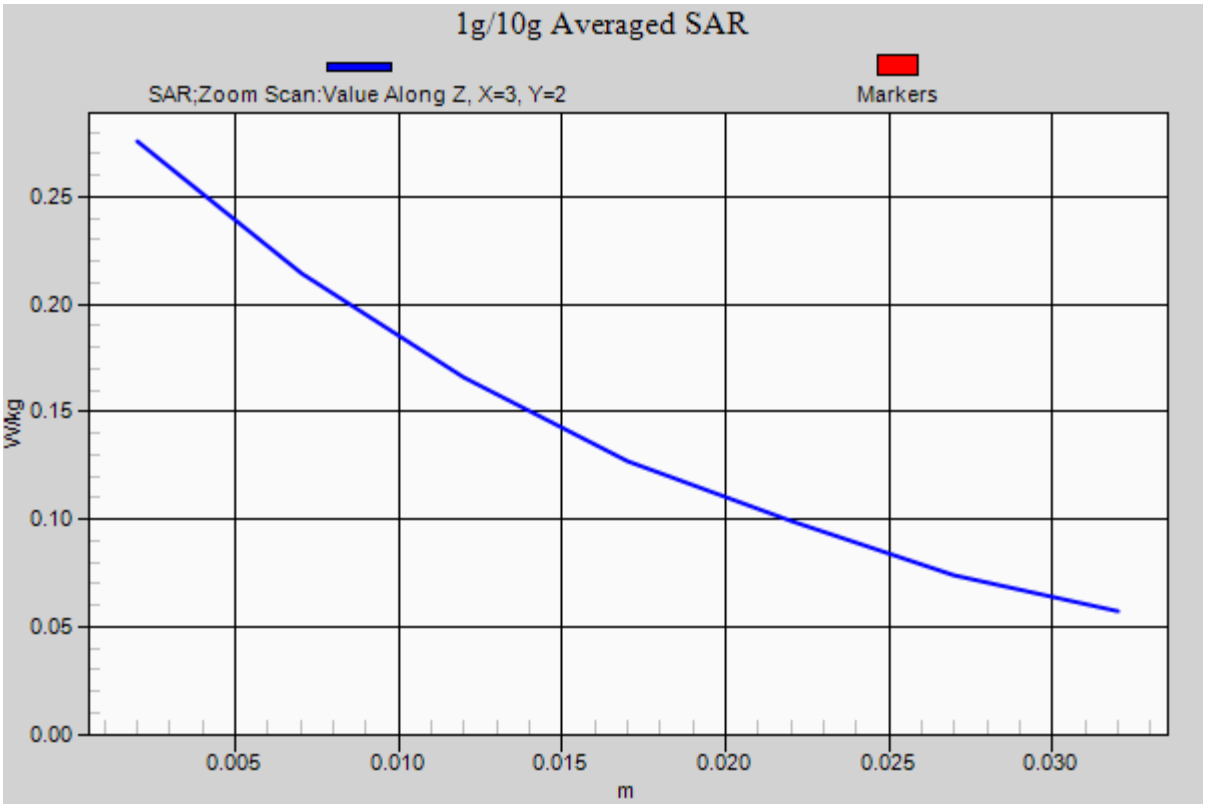
Communication System: CDMA850 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.997 S/m; ε_r = 54.681; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

1.0 cm space from Body, Rear, CDMA850 Ch. 384, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.181 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

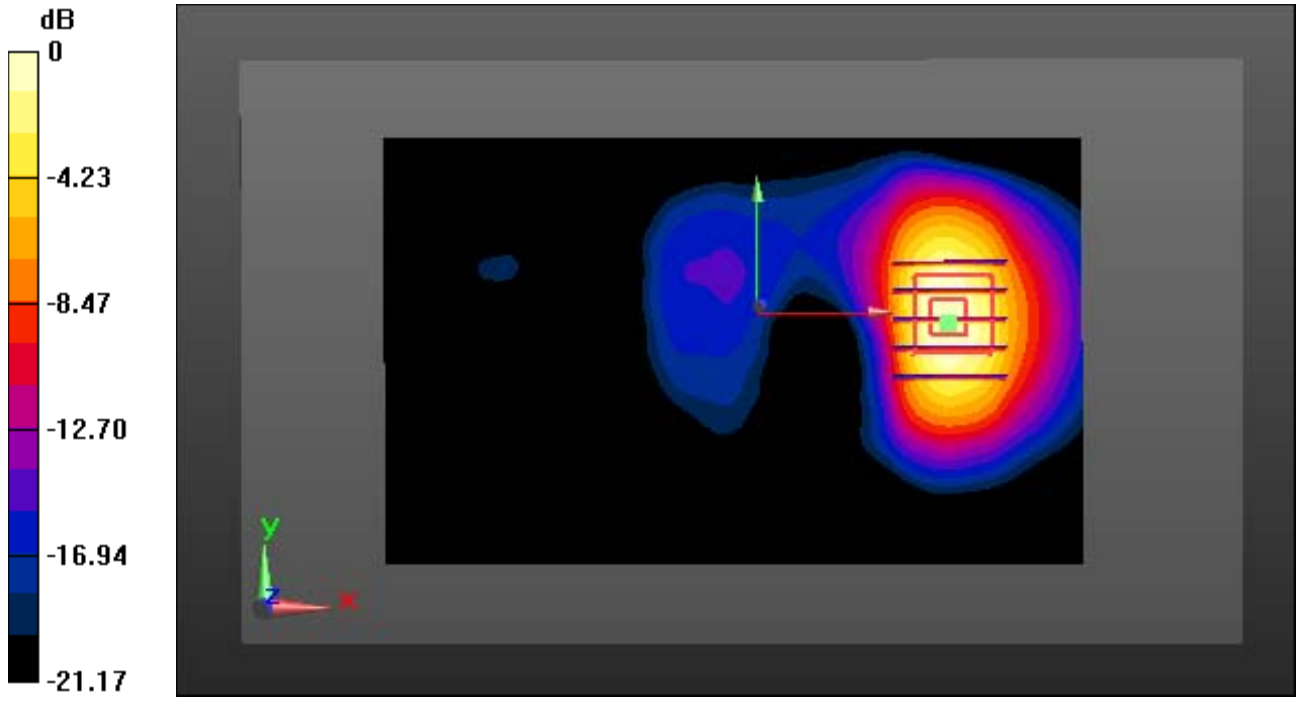
Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.499 S/m; ε_r = 53.022; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

1.0 cm space from Body, Rear, CDMA1900 Ch. 600, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.511 W/kg



0 dB = 1.31 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.499 S/m; ε_r = 53.022; ρ = 1000 kg/m^3
Phantom section: Center Section

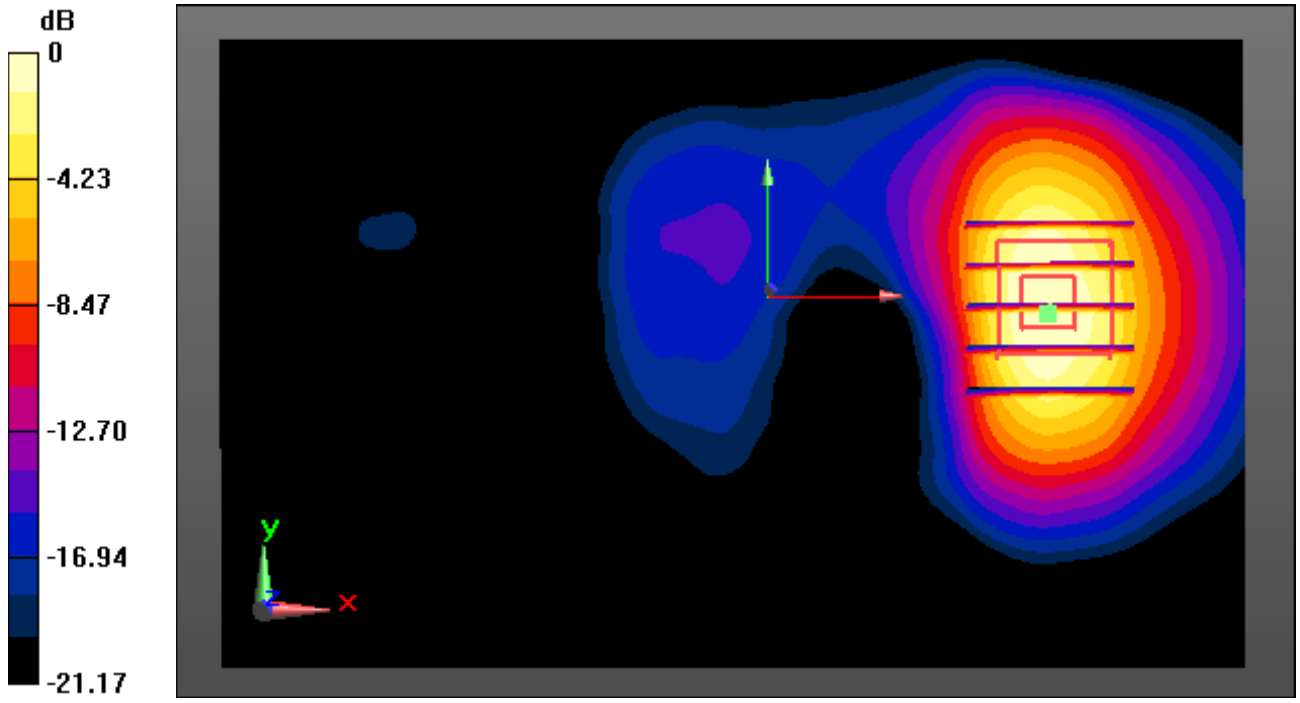
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

1.0 cm space from Body, Rear, CDMA1900 Ch. 600, Ant.Internal

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.511 W/kg



0 dB = 1.31 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

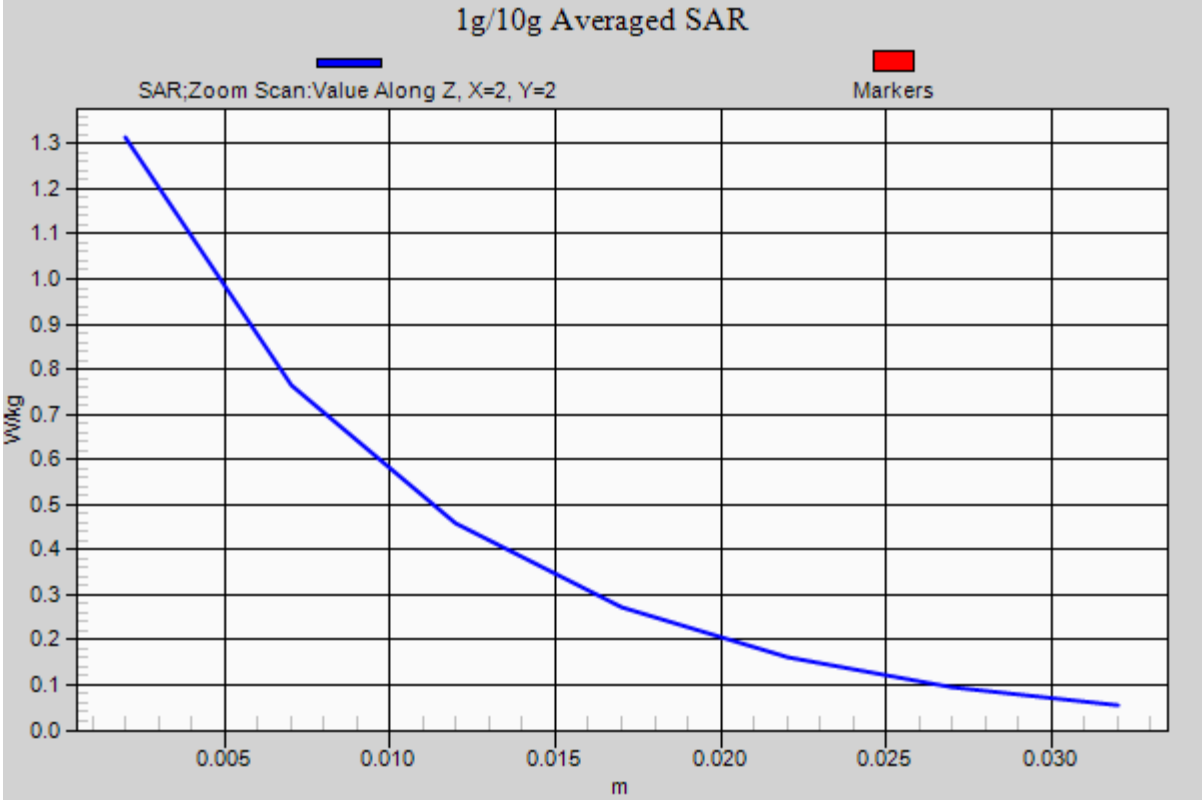
Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.499 S/m; ε_r = 53.022; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

1.0 cm space from Body, Rear, CDMA1900 Ch. 600, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.511 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

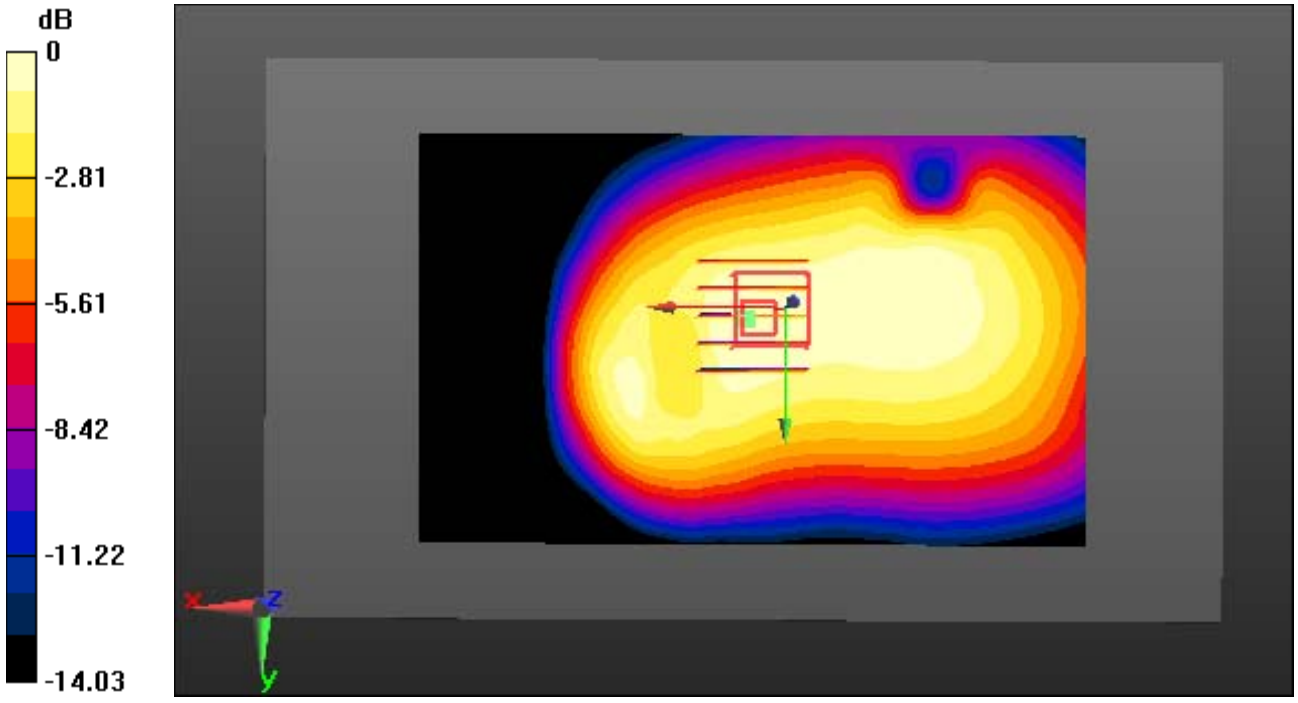
Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 836.6 MHz; σ = 0.992 S/m; ε_r = 53.657; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.129 W/kg



0 dB = 0.206 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 836.6 MHz; σ = 0.992 S/m; ε_r = 53.657; ρ = 1000 kg/m^3
Phantom section: Center Section

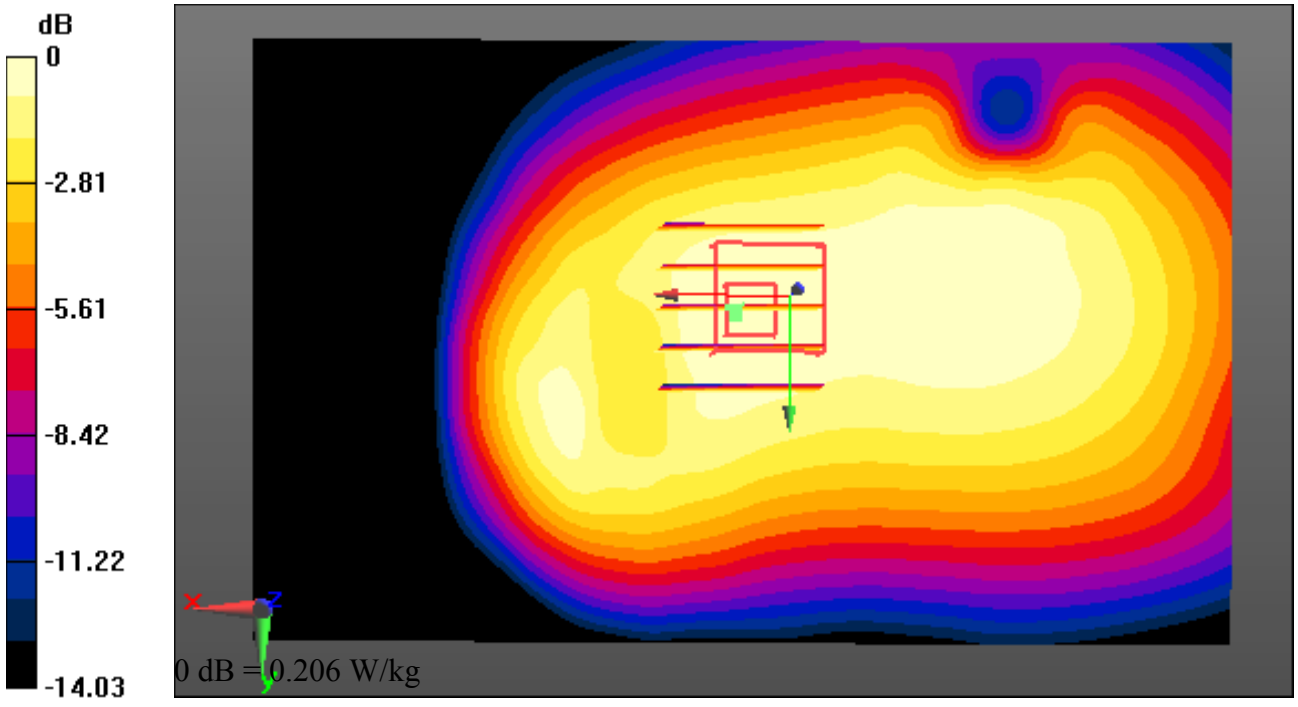
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.129 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

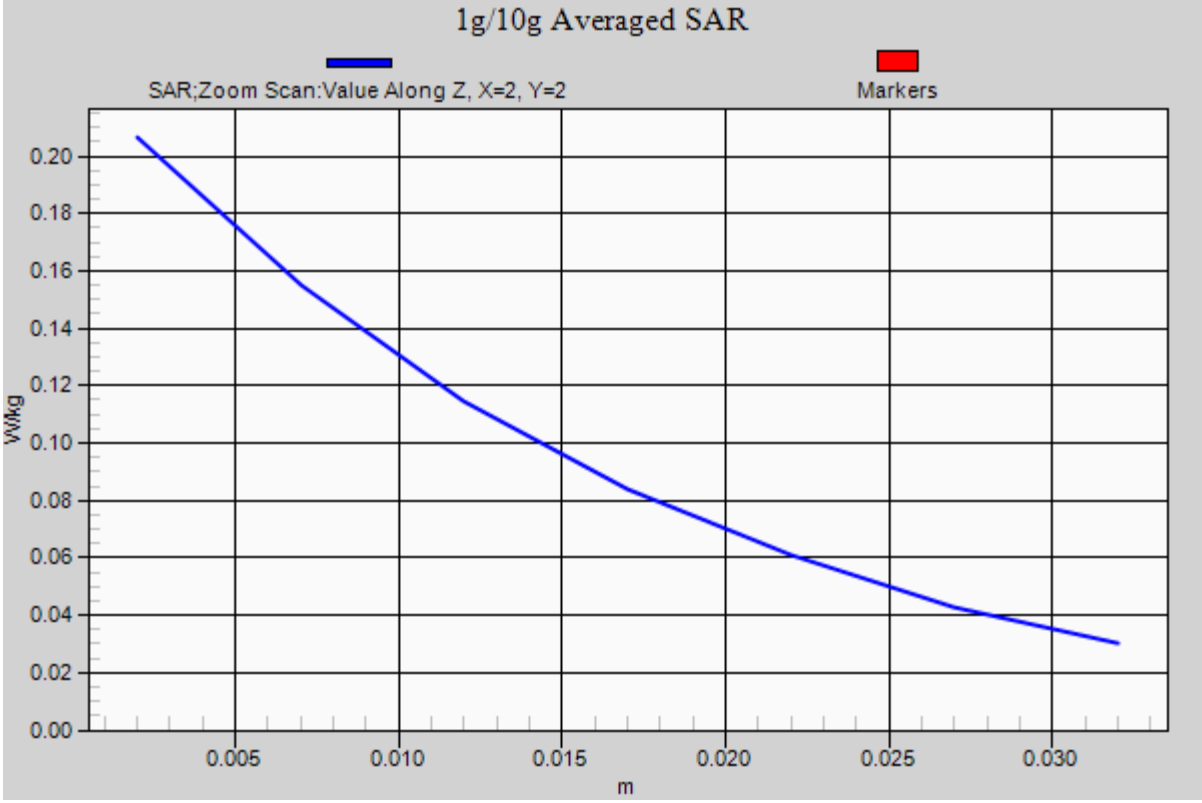
Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 836.6 MHz; σ = 0.992 S/m; ε_r = 53.657; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.129 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

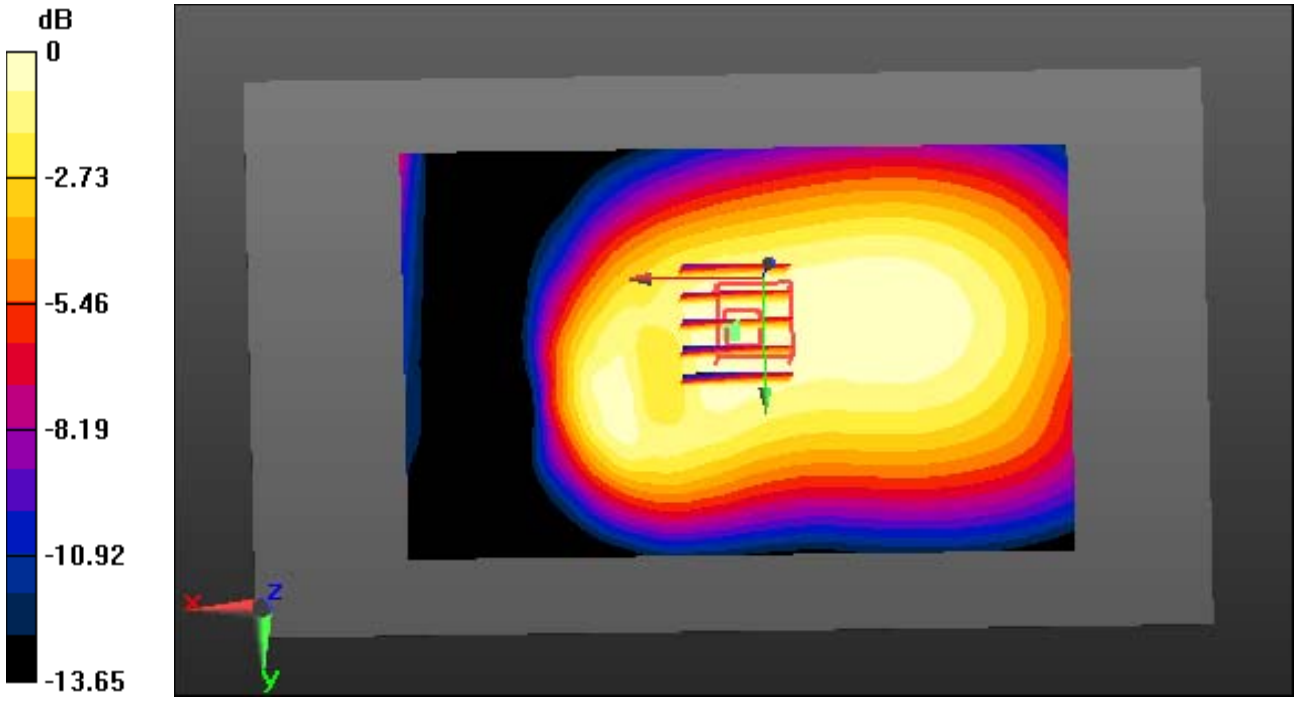
Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.07491
Medium parameters used: f = 836.6 MHz; σ = 0.992 S/m; ε_r = 53.657; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

1.0 cm space from Body, Rear, GSM850 GPRS 4Tx Ch. 190, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.258 W/kg



0 dB = 0.411 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.07491
Medium parameters used: f = 836.6 MHz; σ = 0.992 S/m; ε_r = 53.657; ρ = 1000 kg/m^3
Phantom section: Center Section

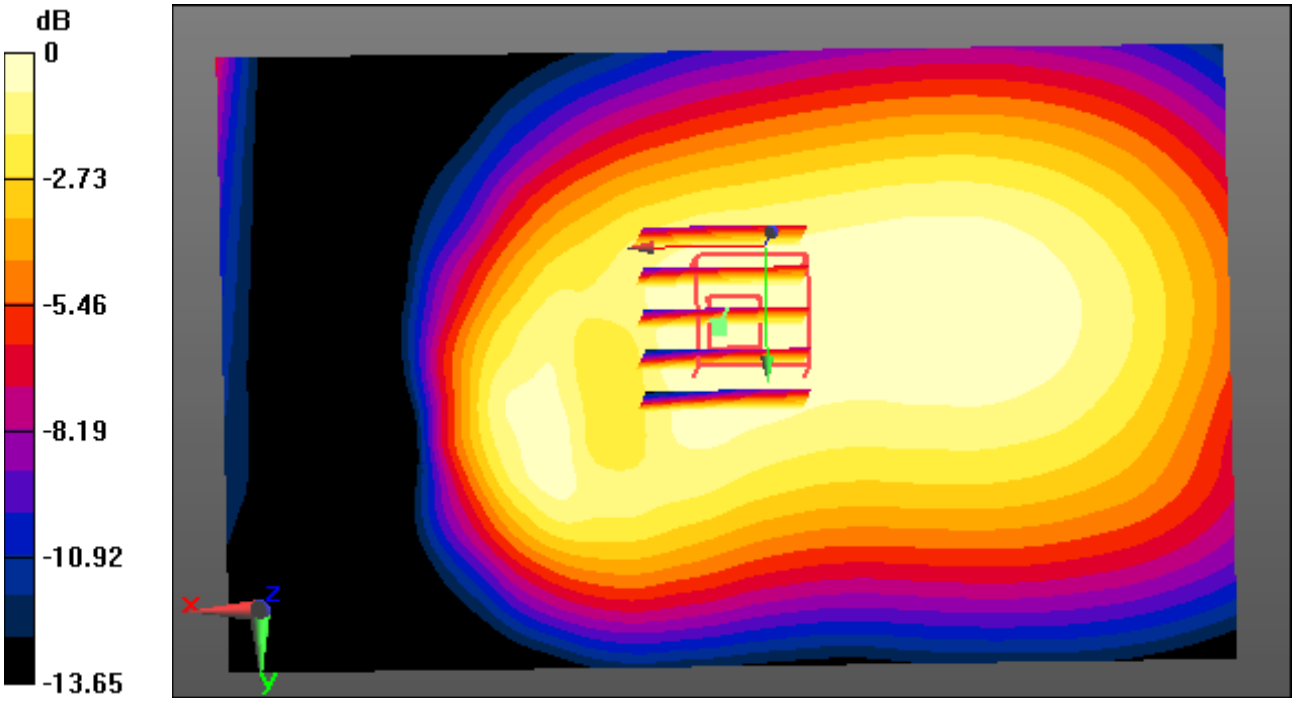
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

1.0 cm space from Body, Rear, GSM850 GPRS 4Tx Ch. 190, Ant.Internal

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.258 W/kg



0 dB = 0.411 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

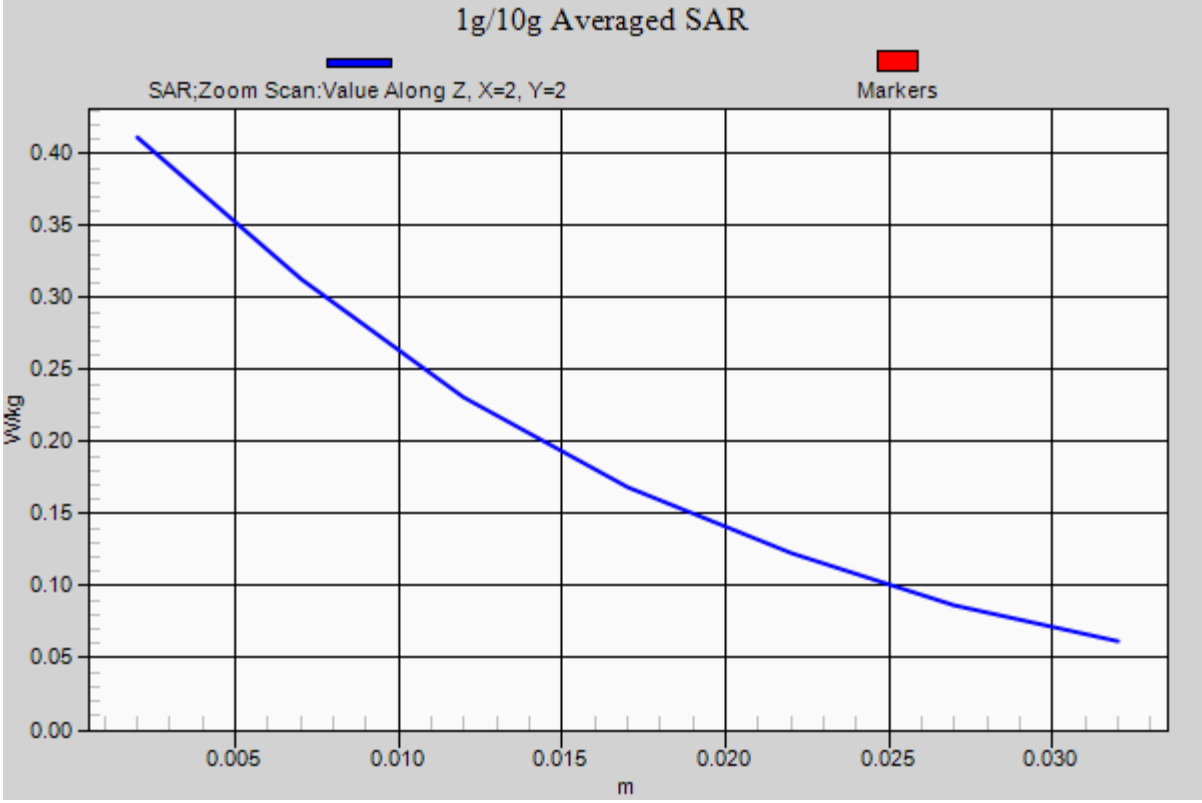
Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.07491
Medium parameters used: f = 836.6 MHz; σ = 0.992 S/m; ε_r = 53.657; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

1.0 cm space from Body, Rear, GSM850 GPRS 4Tx Ch. 190, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.258 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

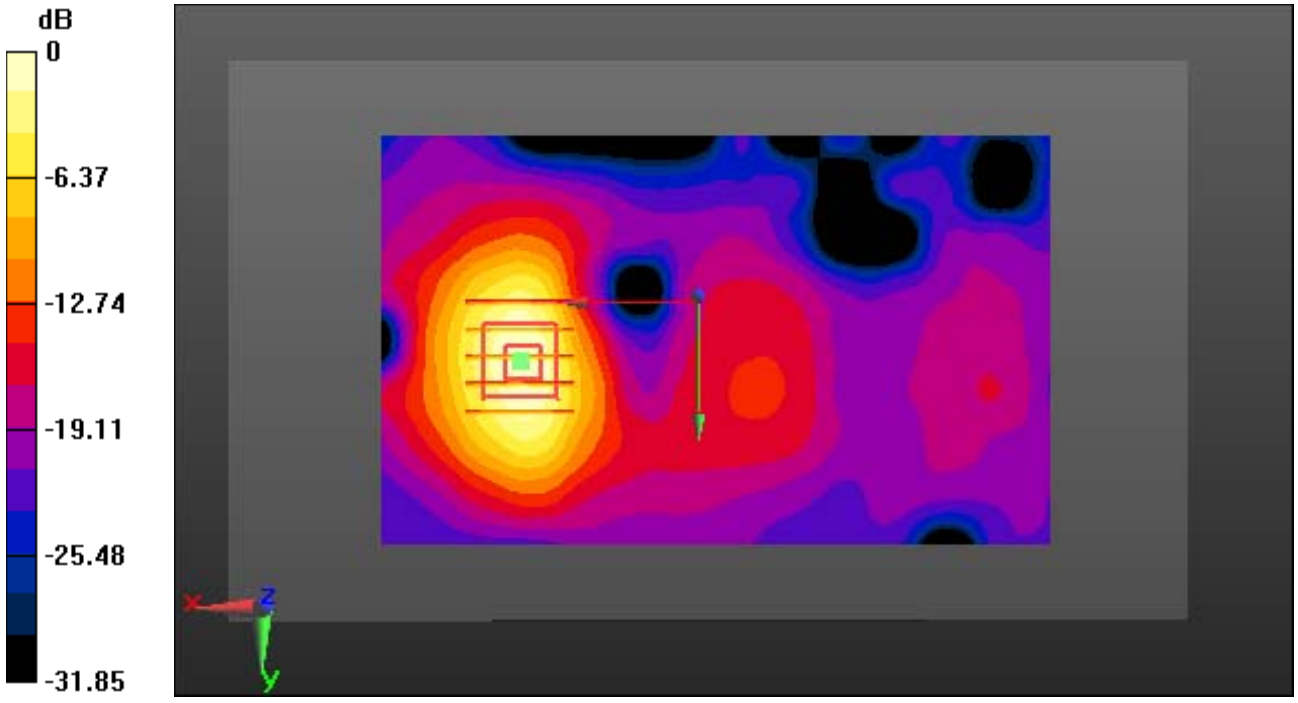
Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Rear, GSM1900 Ch. 661, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.360 W/kg



0 dB = 0.942 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

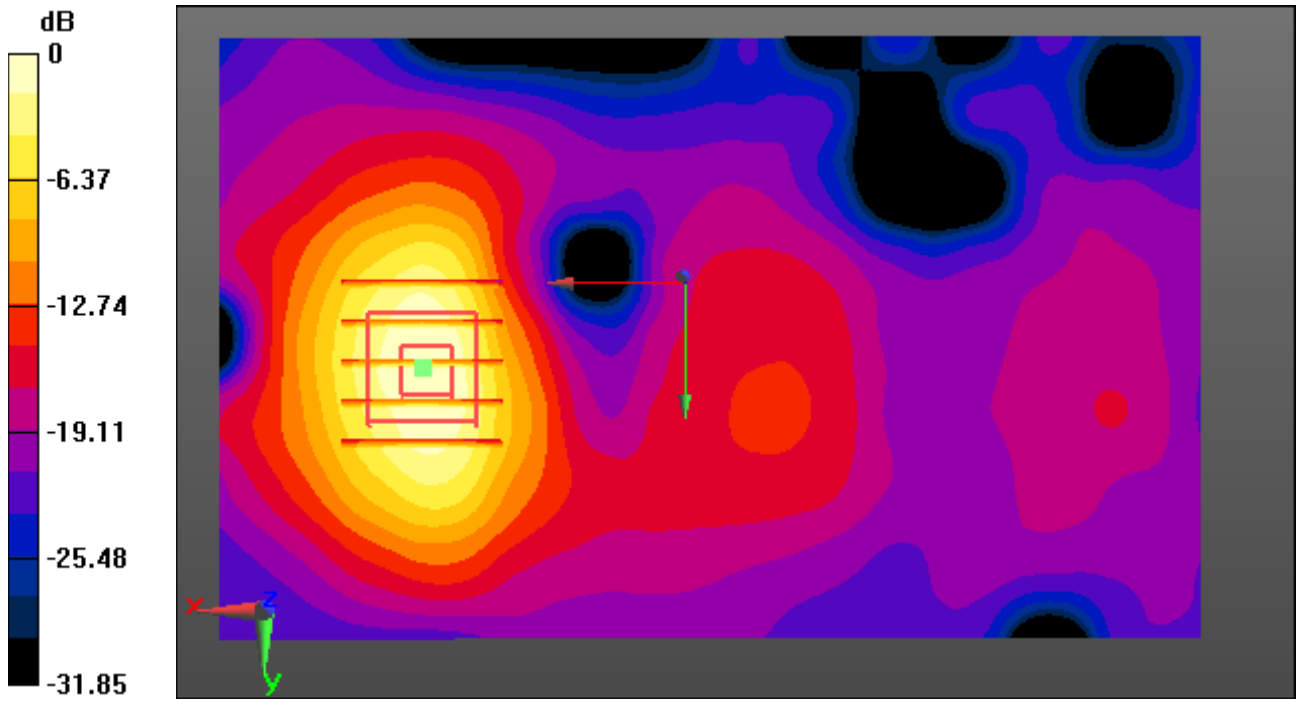
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Rear, GSM1900 Ch. 661, Ant.Internal

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.360 W/kg



0 dB = 0.942 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

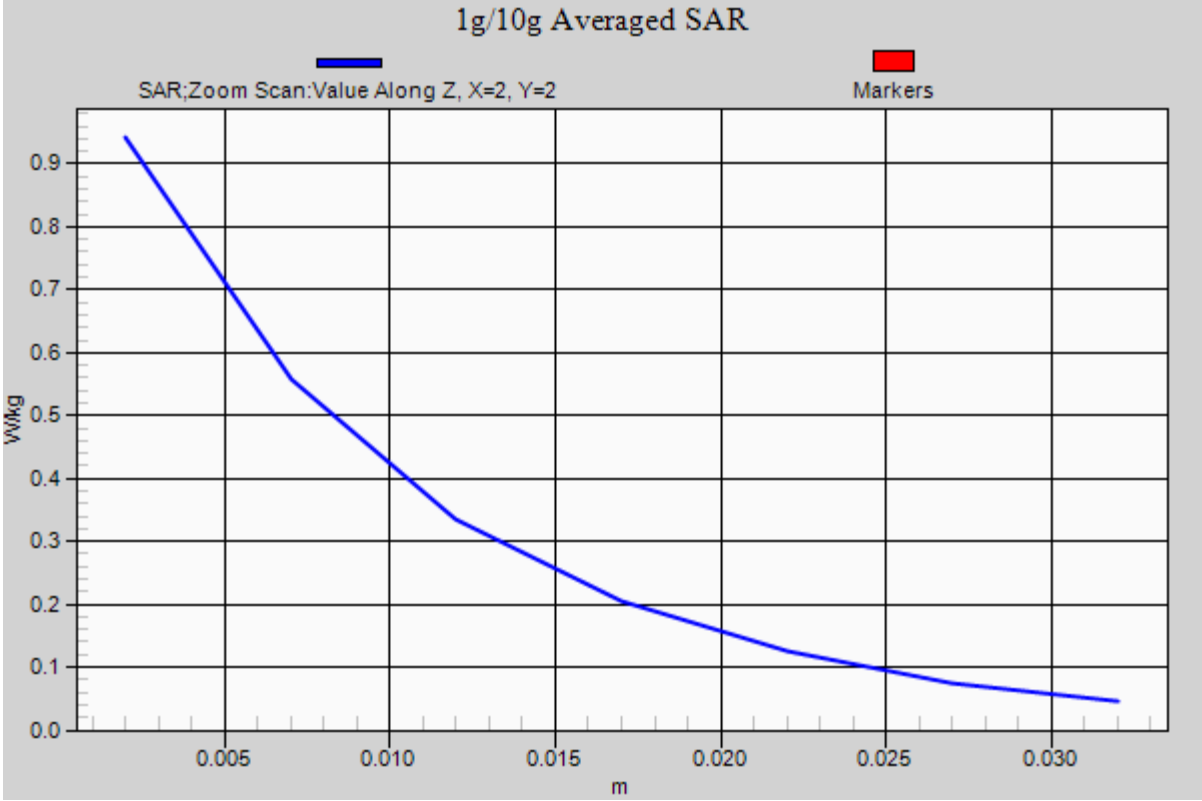
Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Rear, GSM1900 Ch. 661, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.360 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

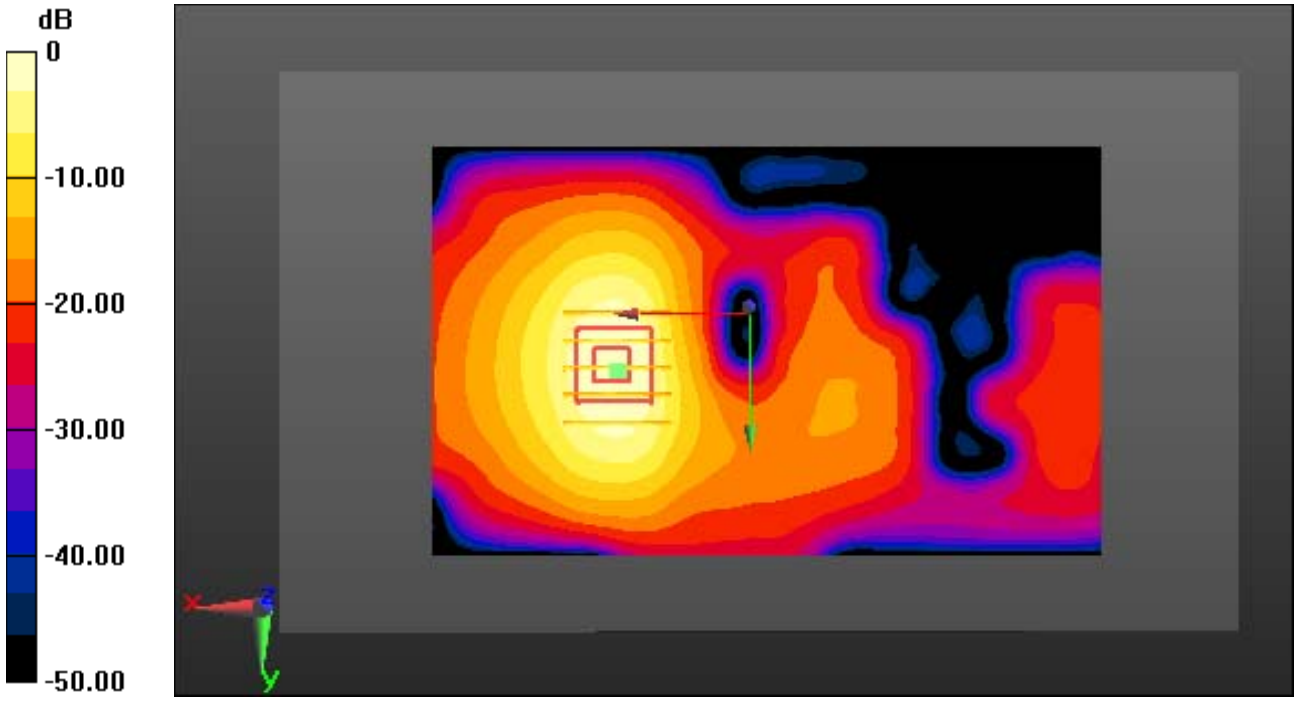
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Rear, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.370 W/kg



0 dB = 0.941 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

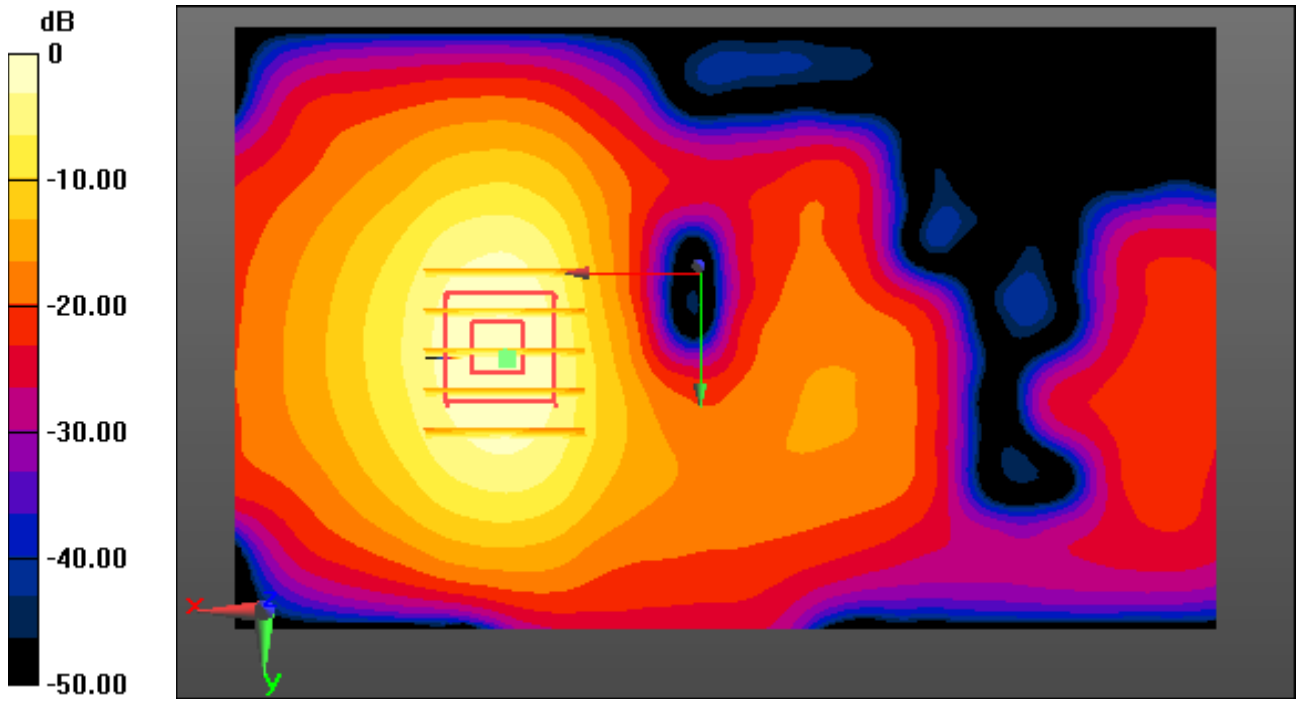
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Rear, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.370 W/kg



0 dB = 0.941 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

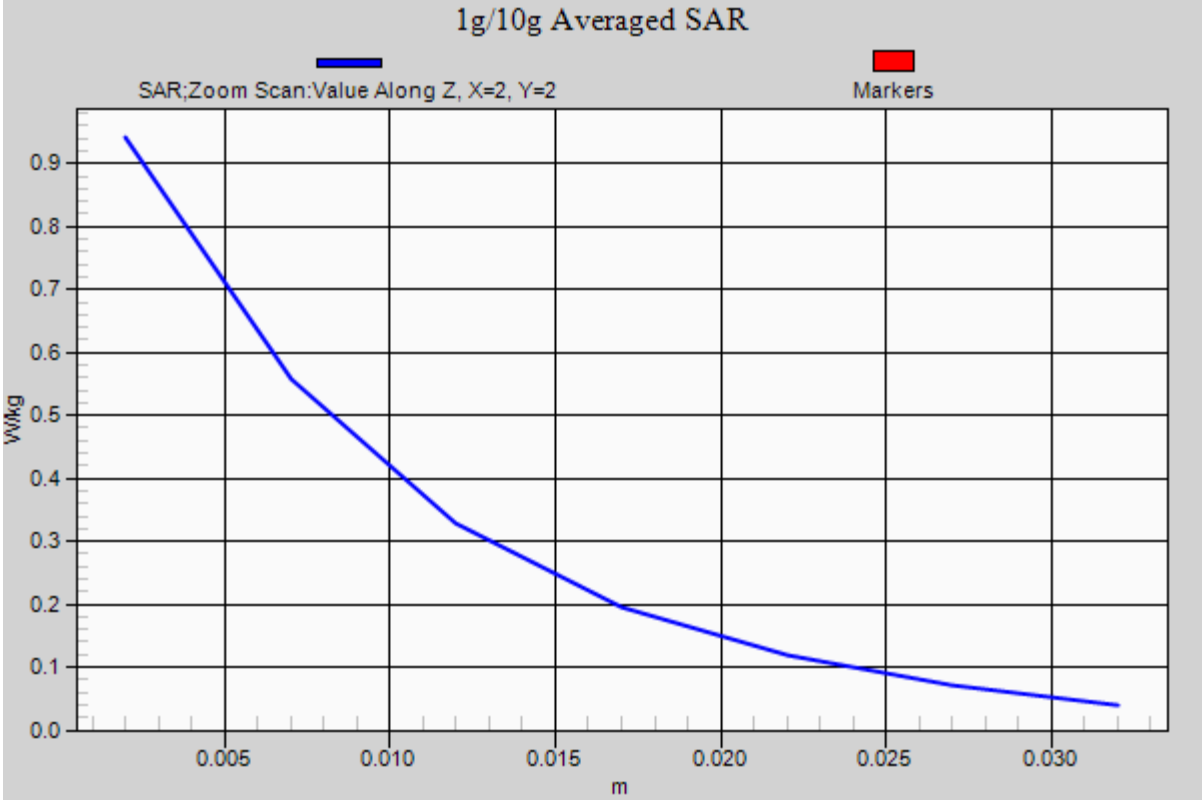
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Rear, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.370 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

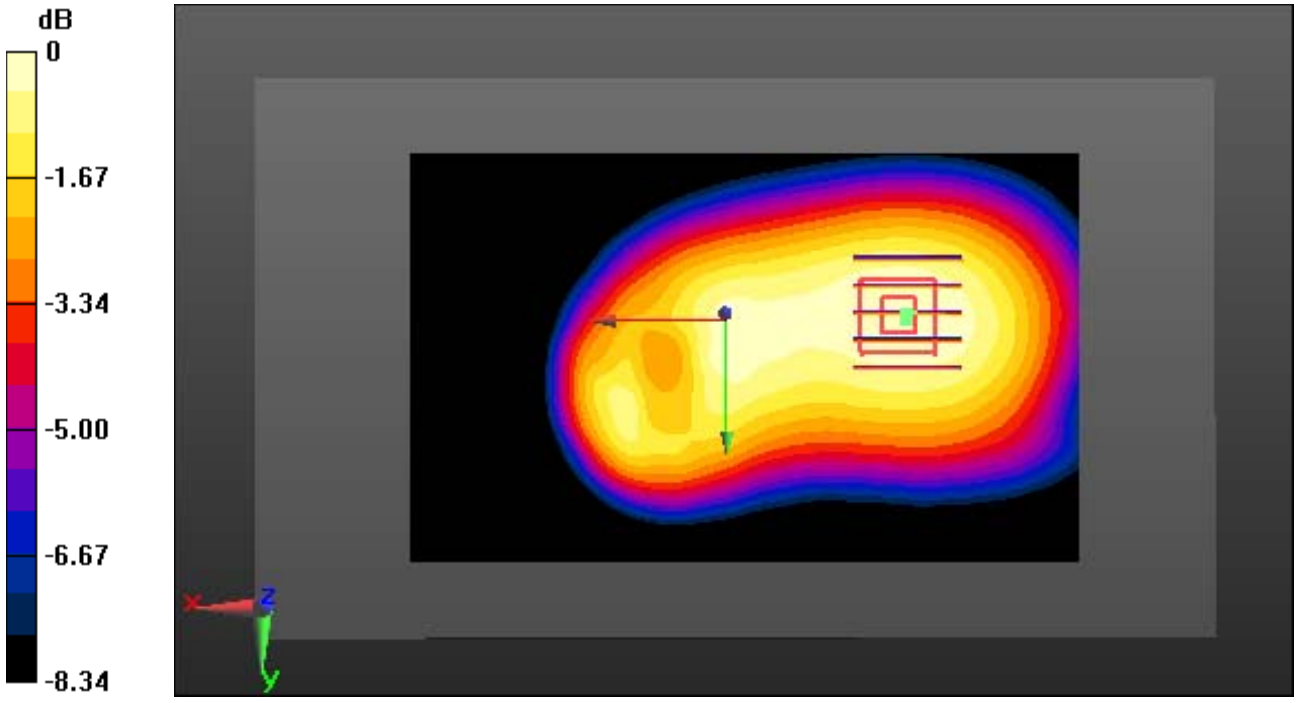
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.994 S/m; ε_r = 53.724; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.159 W/kg



0 dB = 0.244 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.994 S/m; ε_r = 53.724; ρ = 1000 kg/m^3
Phantom section: Center Section

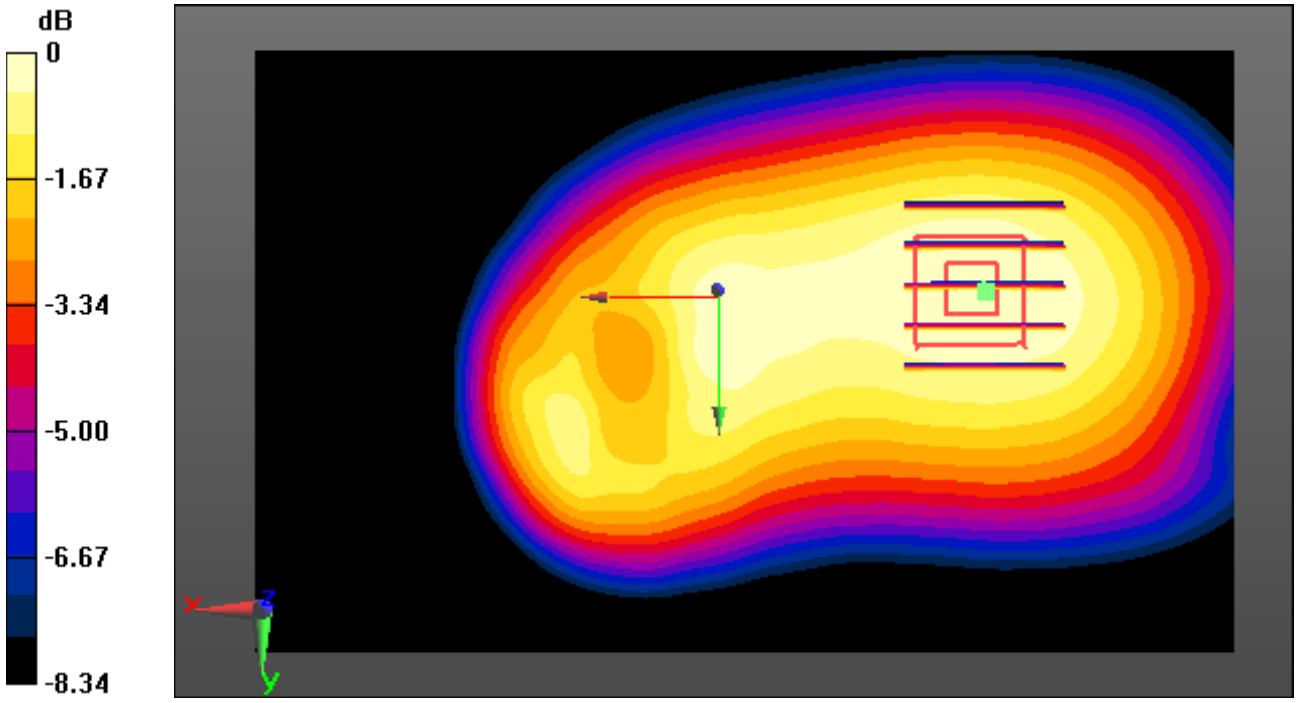
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.159 W/kg



0 dB = 0.244 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

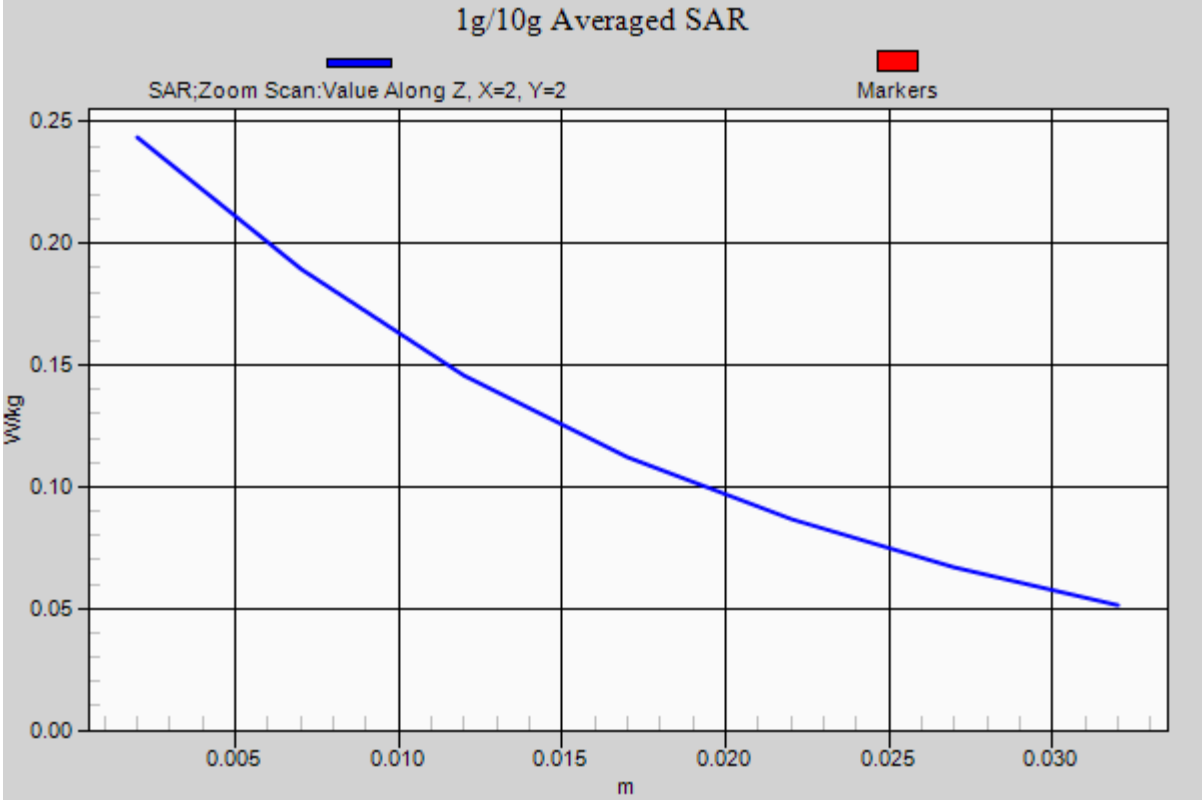
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.994 S/m; ε_r = 53.724; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.159 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

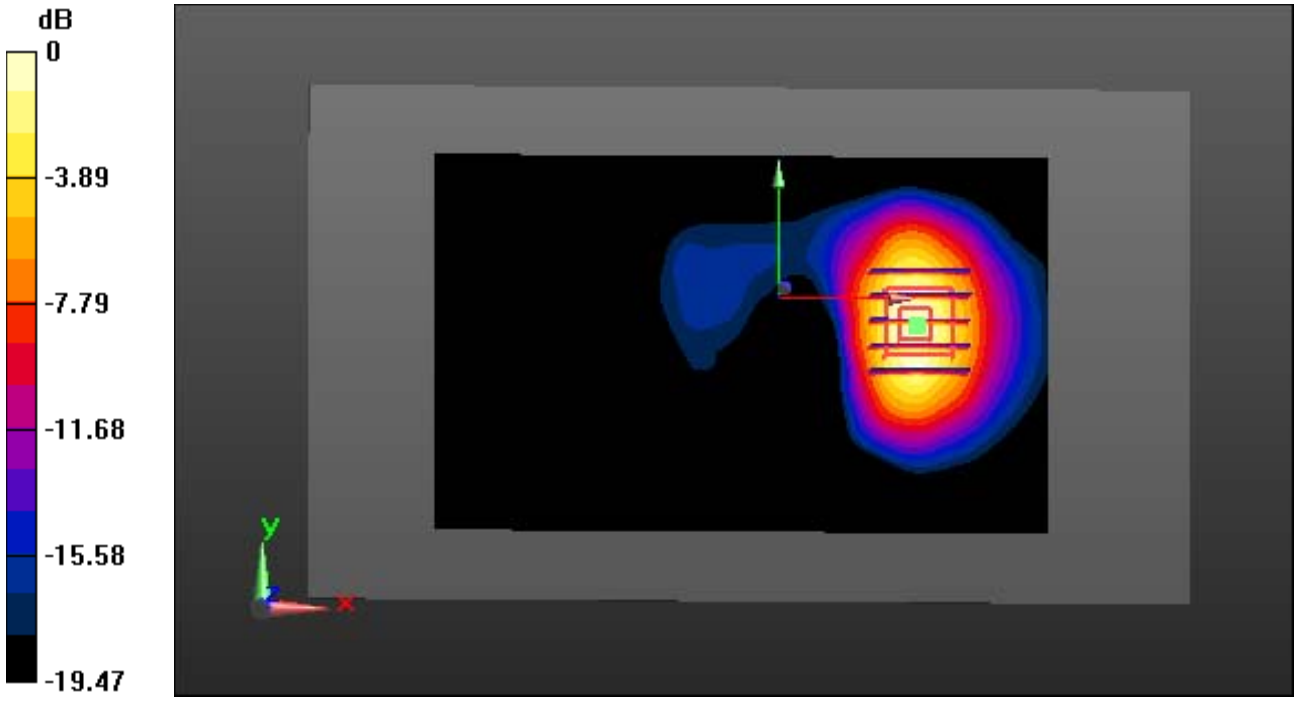
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 S/m; ε_r = 52.133; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.393 W/kg



0 dB = 1.01 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 S/m; ε_r = 52.133; ρ = 1000 kg/m^3
Phantom section: Center Section

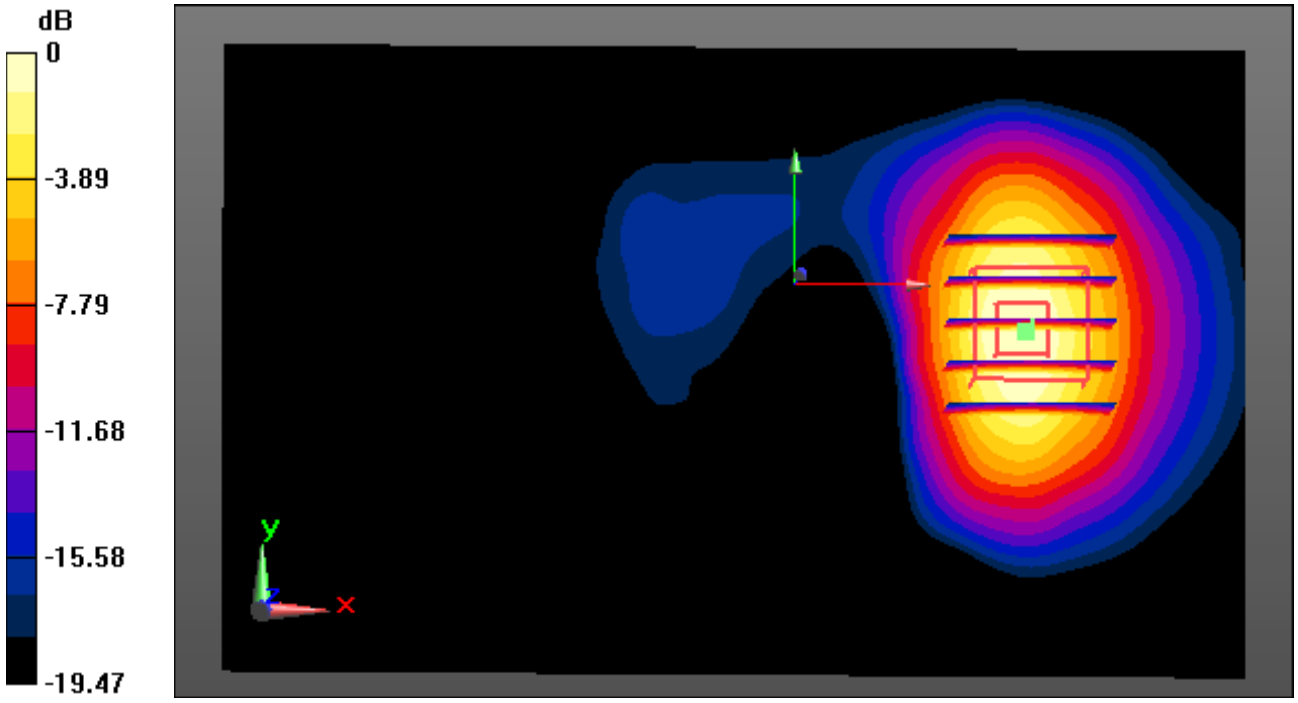
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.393 W/kg



0 dB = 1.01 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

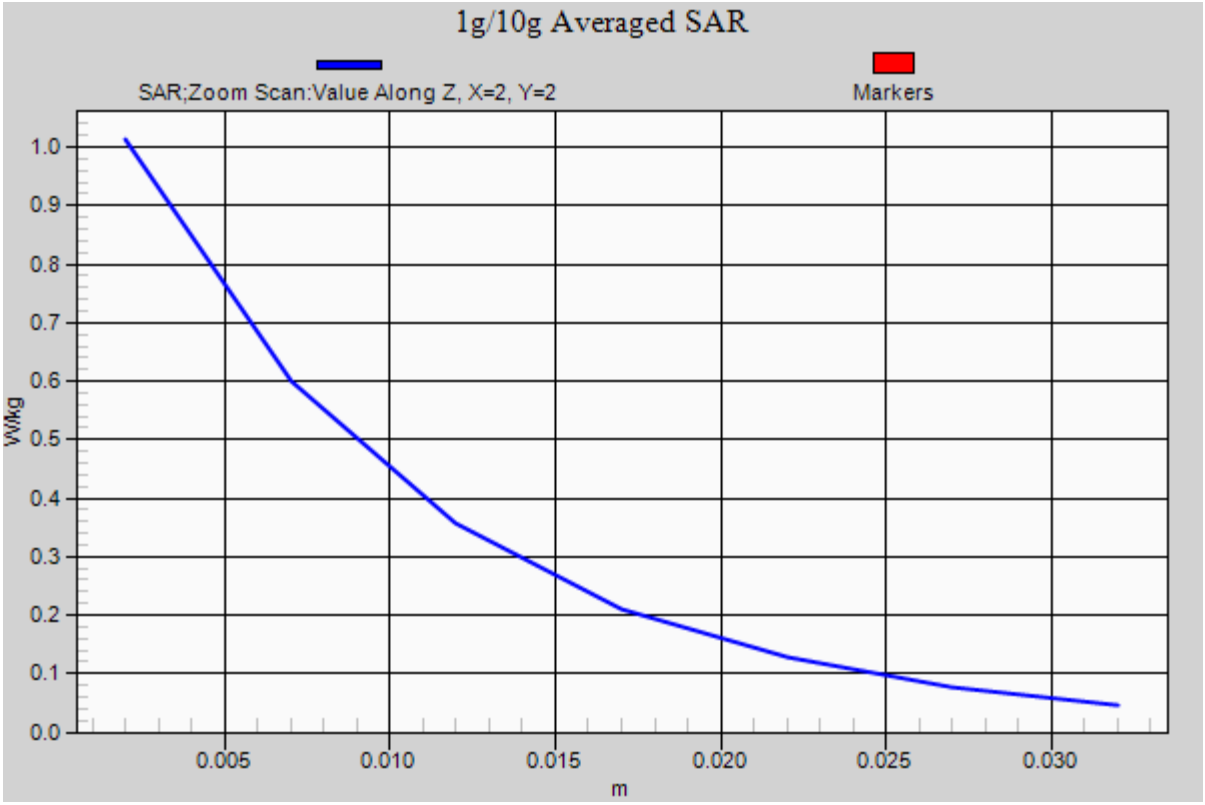
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 S/m; ε_r = 52.133; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.393 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.937 S/m; ε_r = 56.443; ρ = 1000 kg/m^3
Phantom section: Center Section

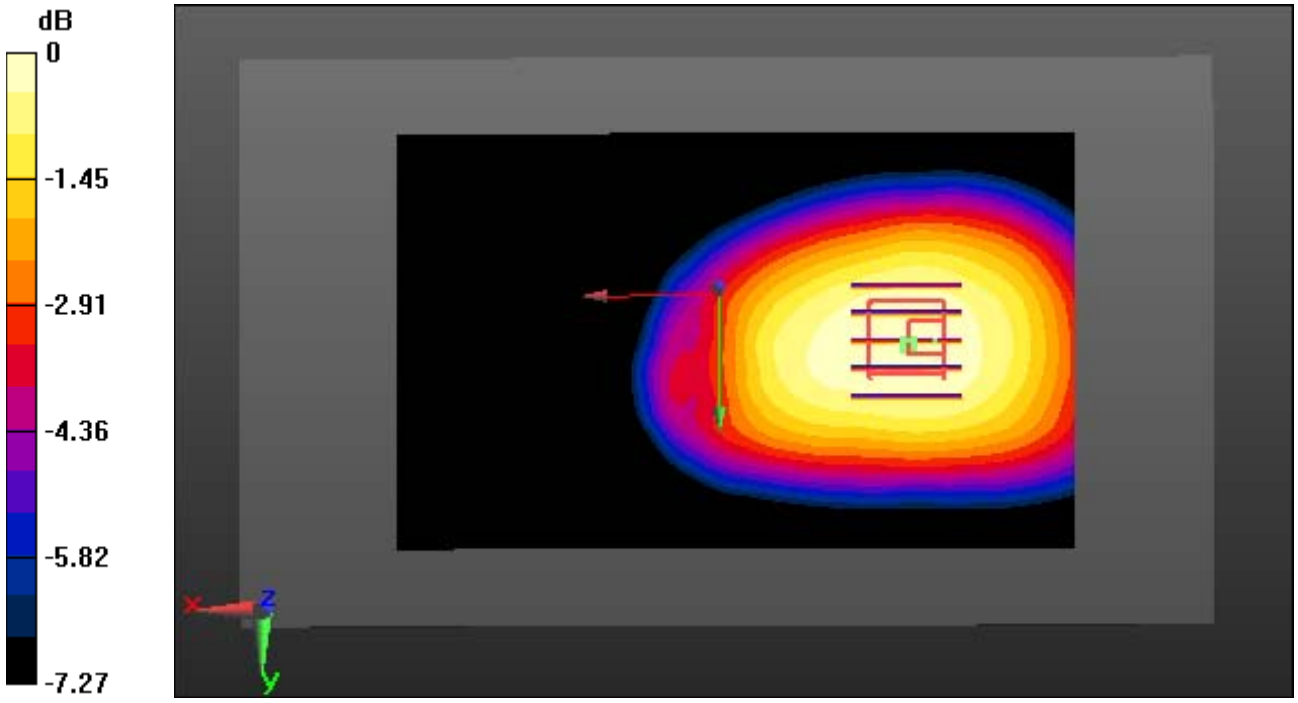
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

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

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.176 W/kg



0 dB = 0.259 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.937 S/m; ε_r = 56.443; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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)

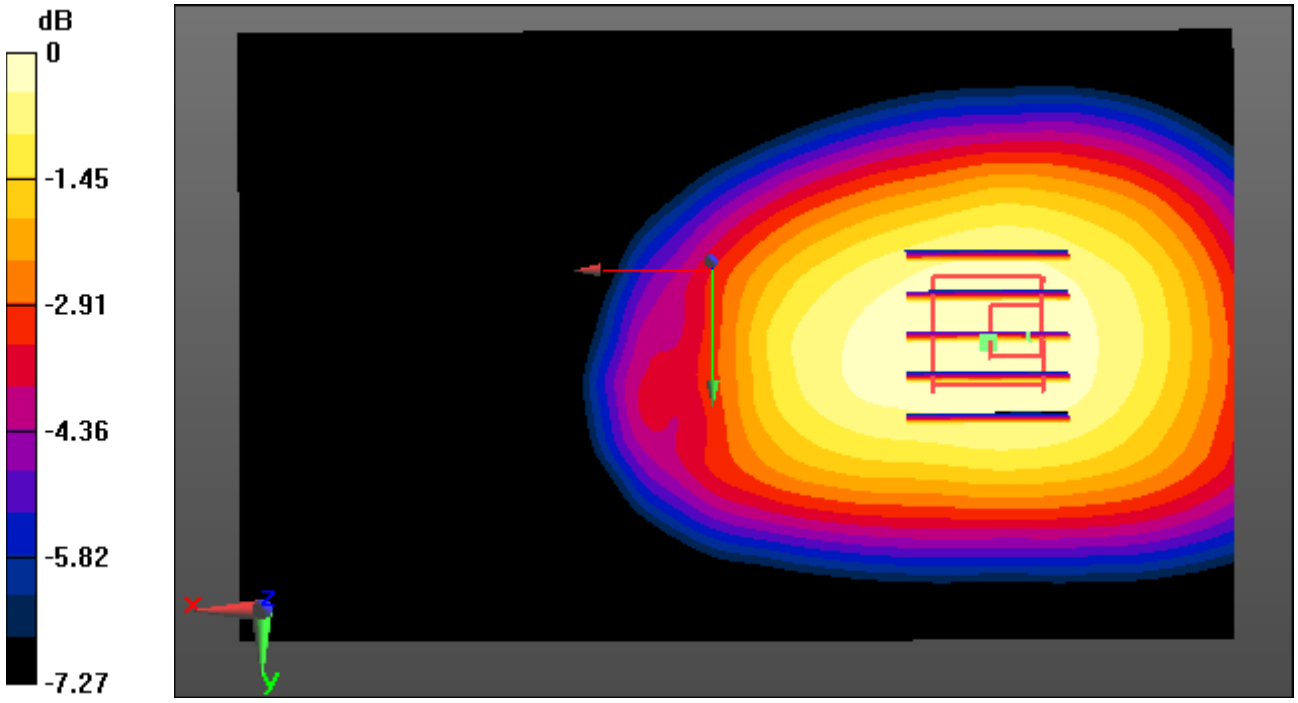
Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

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

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.176 W/kg



0 dB = 0.259 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.937 S/m; ε_r = 56.443; ρ = 1000 kg/m^3
Phantom section: Center Section

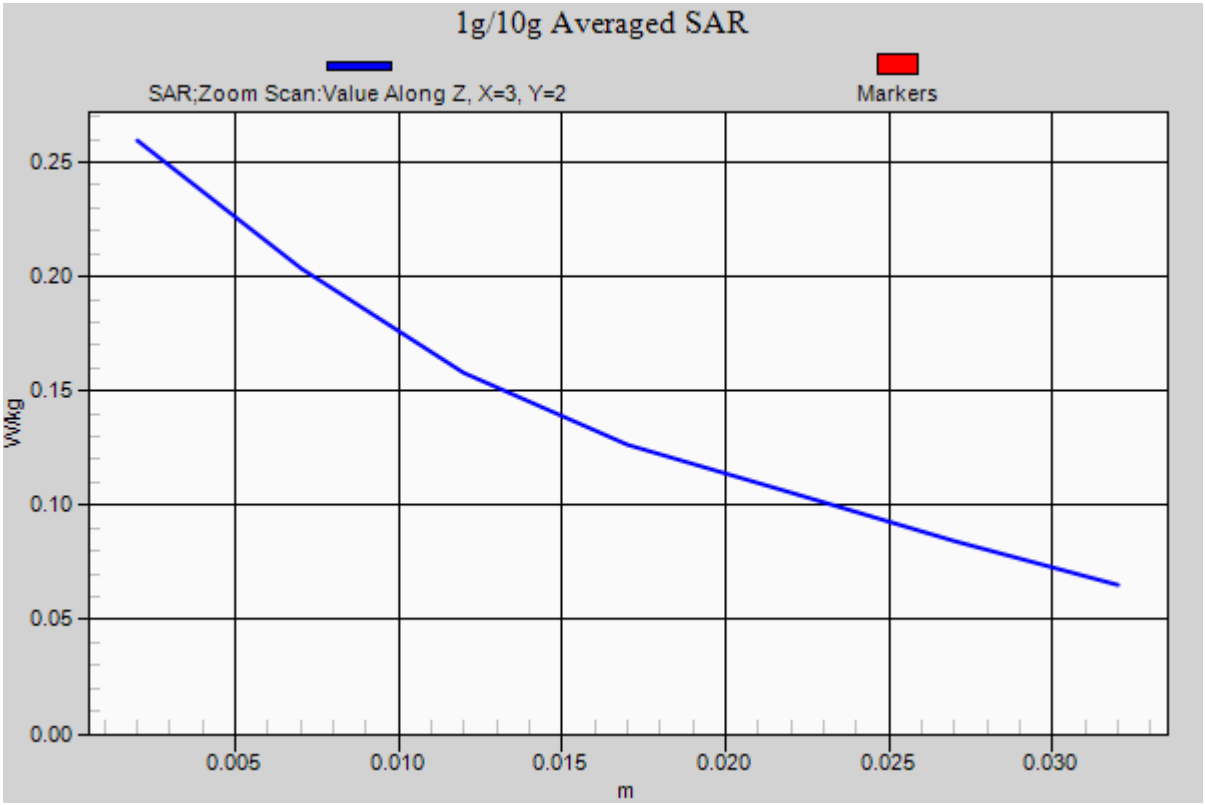
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

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

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.176 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.998 S/m; ε_r = 54.789; ρ = 1000 kg/m^3
Phantom section: Center Section

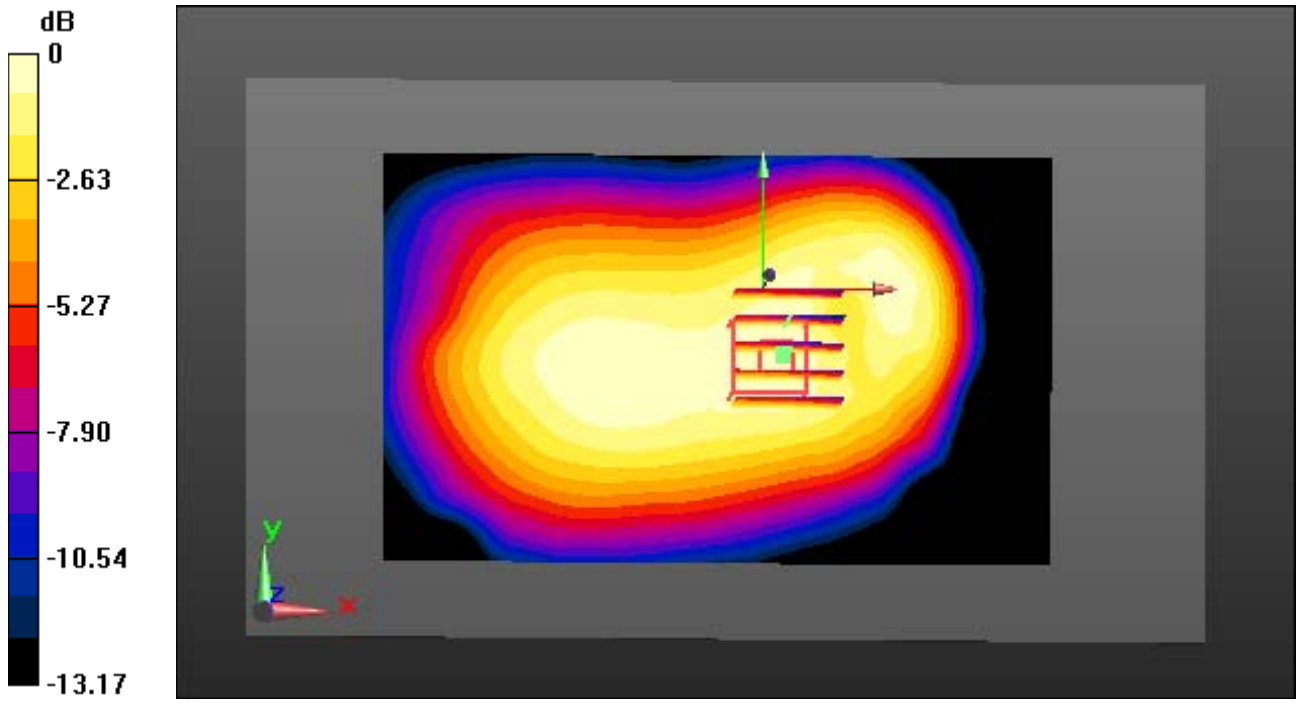
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.175 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.998 S/m; ε_r = 54.789; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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)

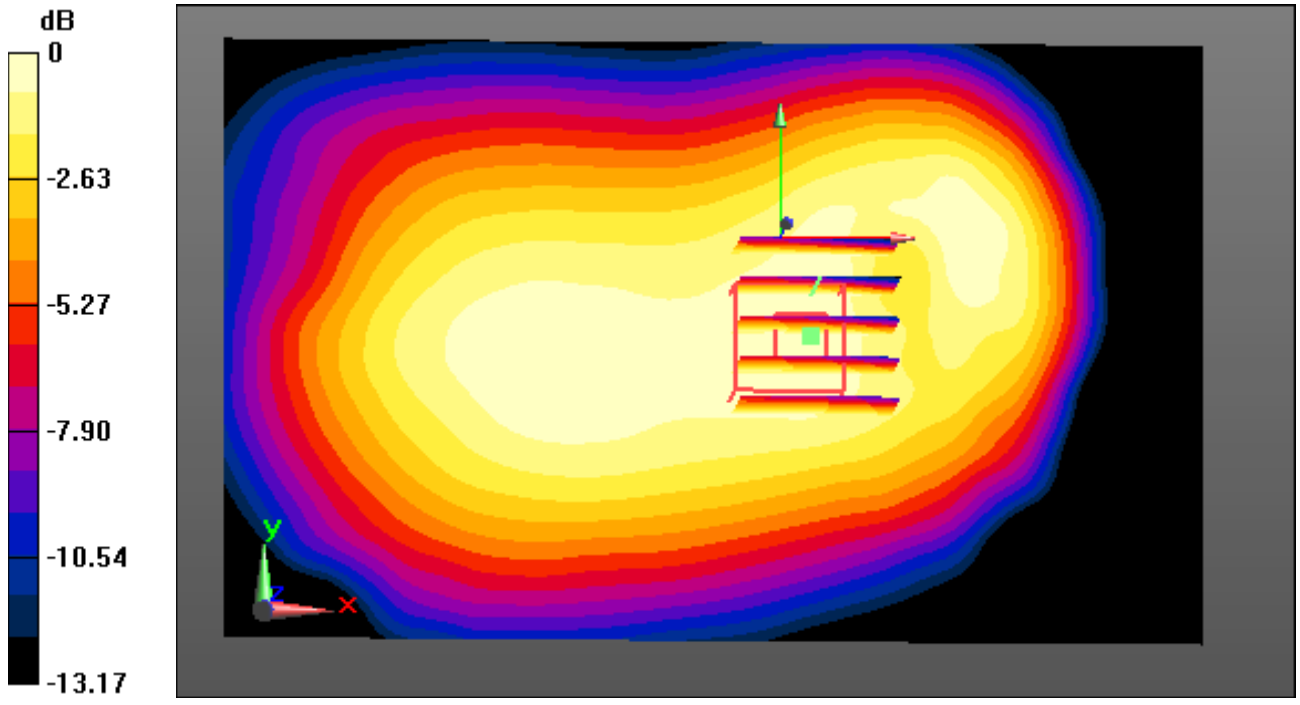
Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.175 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.998 S/m; ε_r = 54.789; ρ = 1000 kg/m^3
Phantom section: Center Section

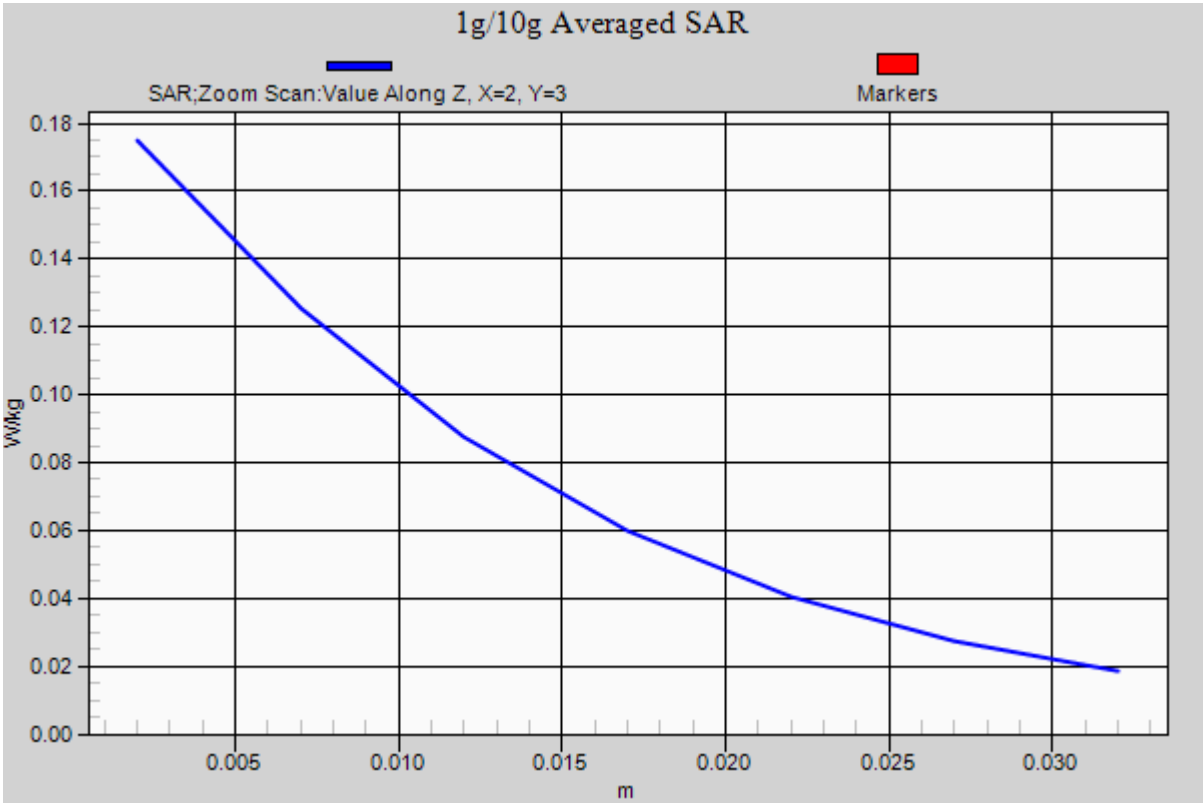
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.110 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 53.606; ρ = 1000 kg/m^3
Phantom section: Center Section

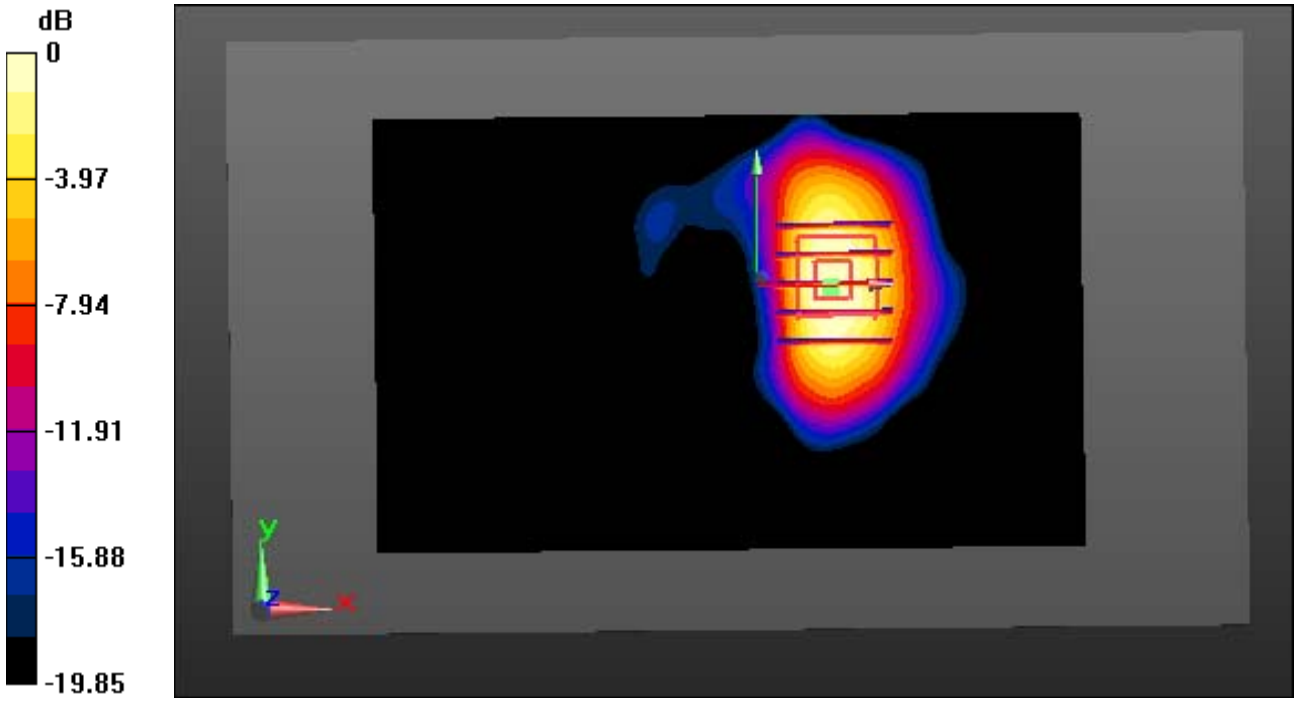
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.171 W/kg



0 dB = 0.440 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 53.606; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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)

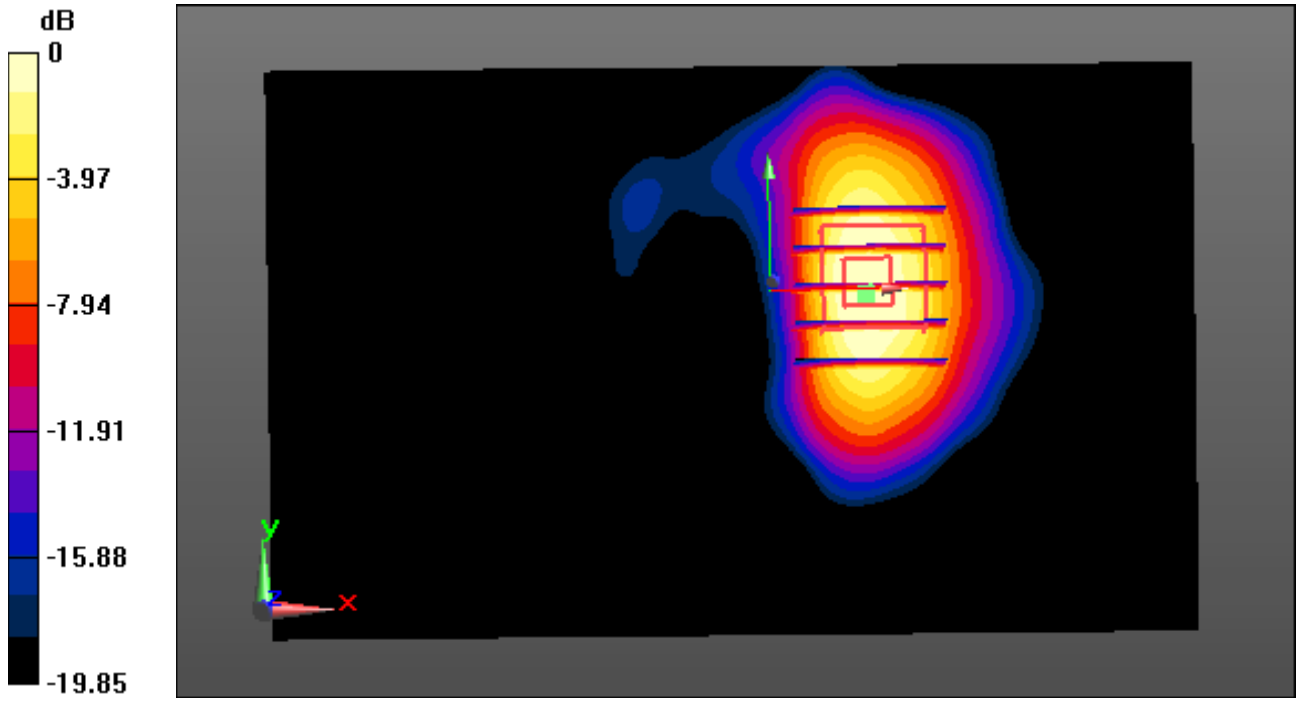
Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.171 W/kg



0 dB = 0.440 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 53.606; ρ = 1000 kg/m^3
Phantom section: Center Section

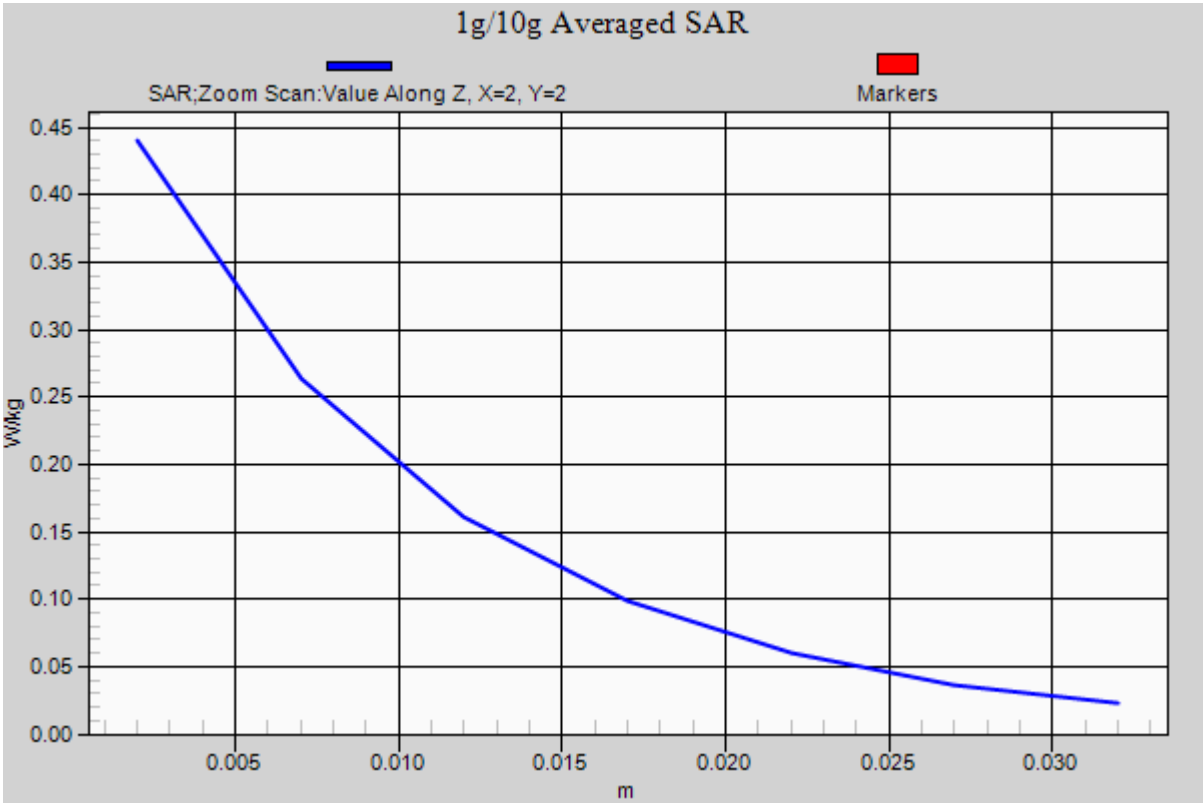
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.171 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 54.279; ρ = 1000 kg/m^3
Phantom section: Center Section

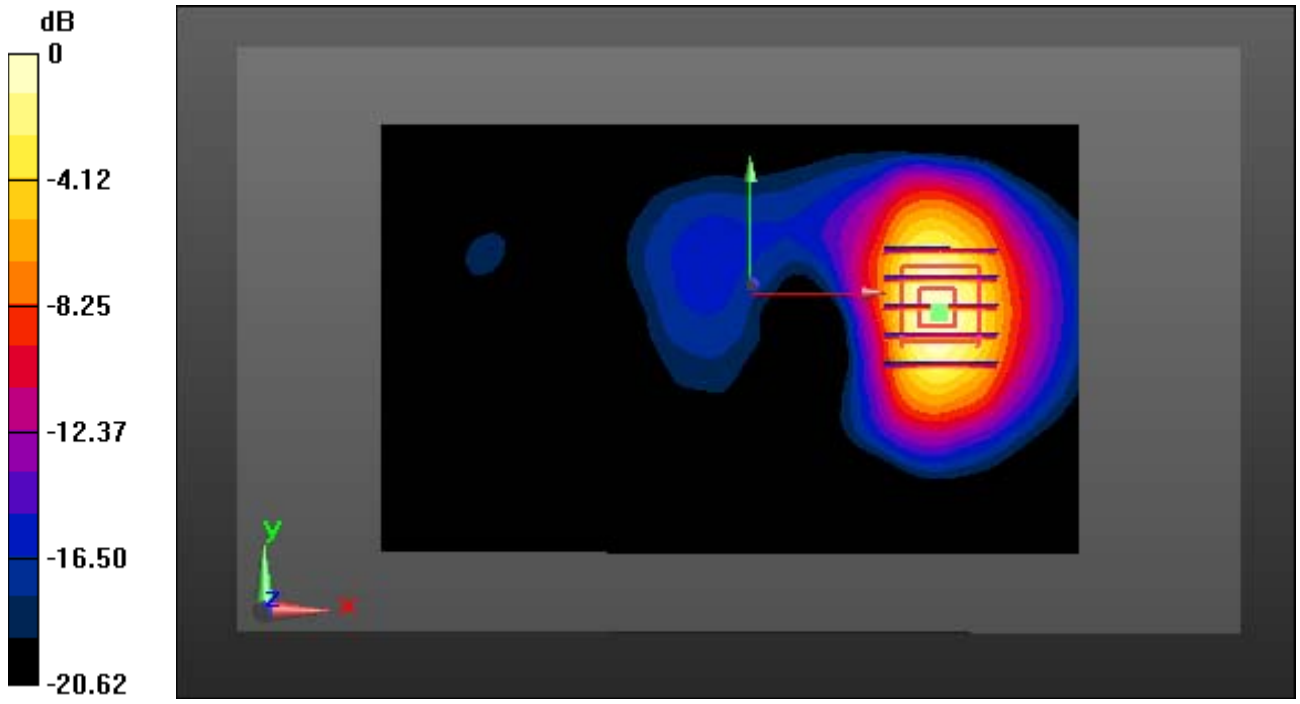
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.456 W/kg



0 dB = 1.20 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 54.279; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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)

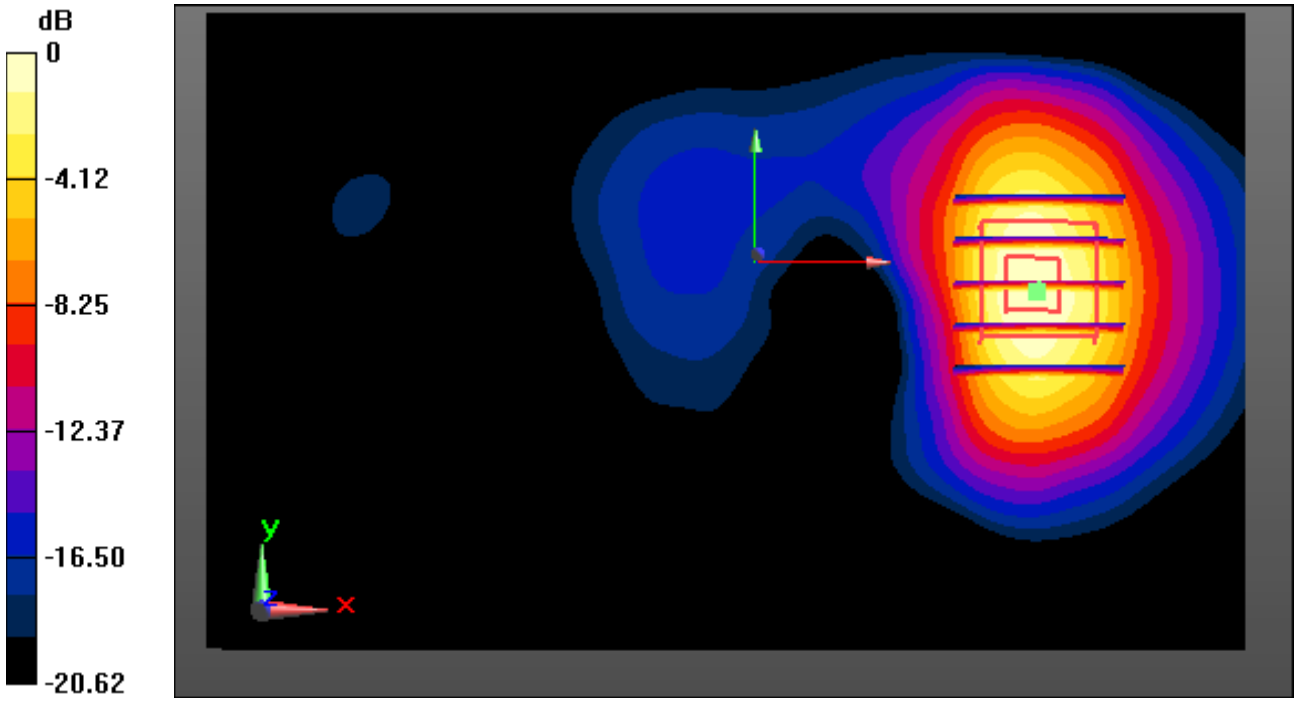
Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

With Enlarge plot image

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.456 W/kg



0 dB = 1.20 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 54.279; ρ = 1000 kg/m^3
Phantom section: Center Section

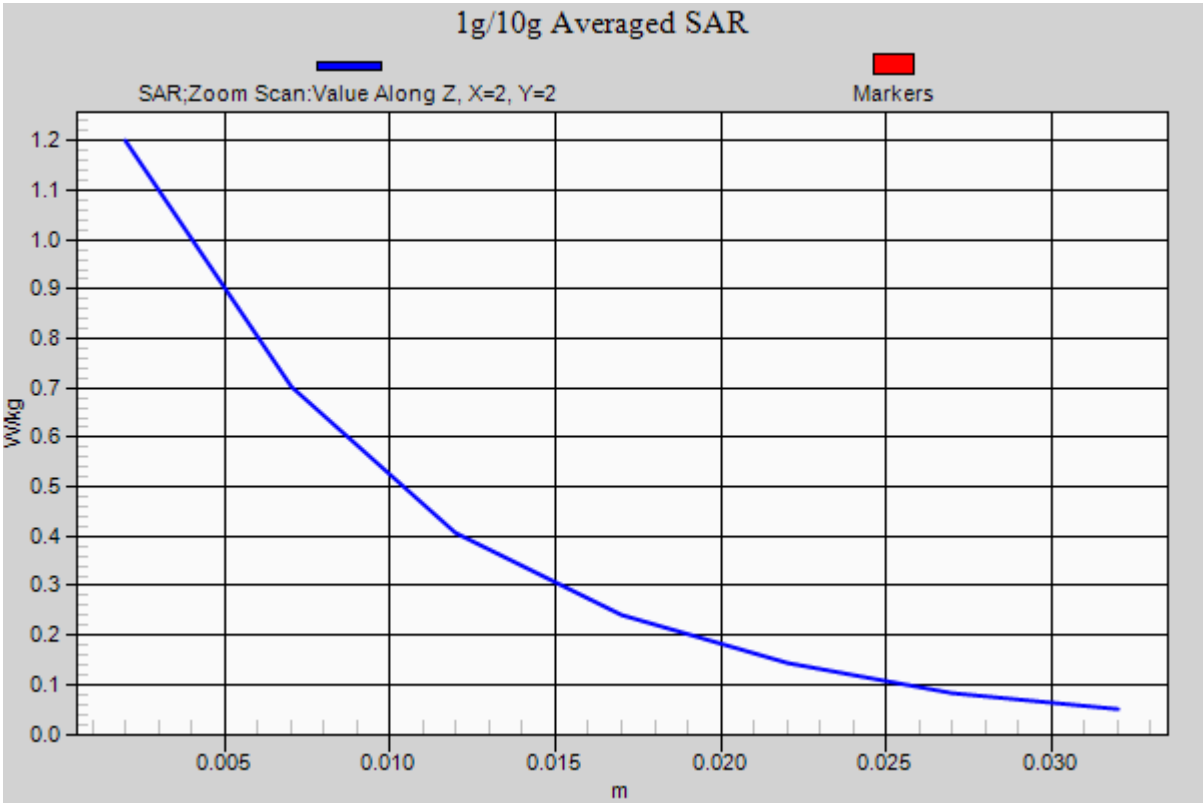
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (131x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.456 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

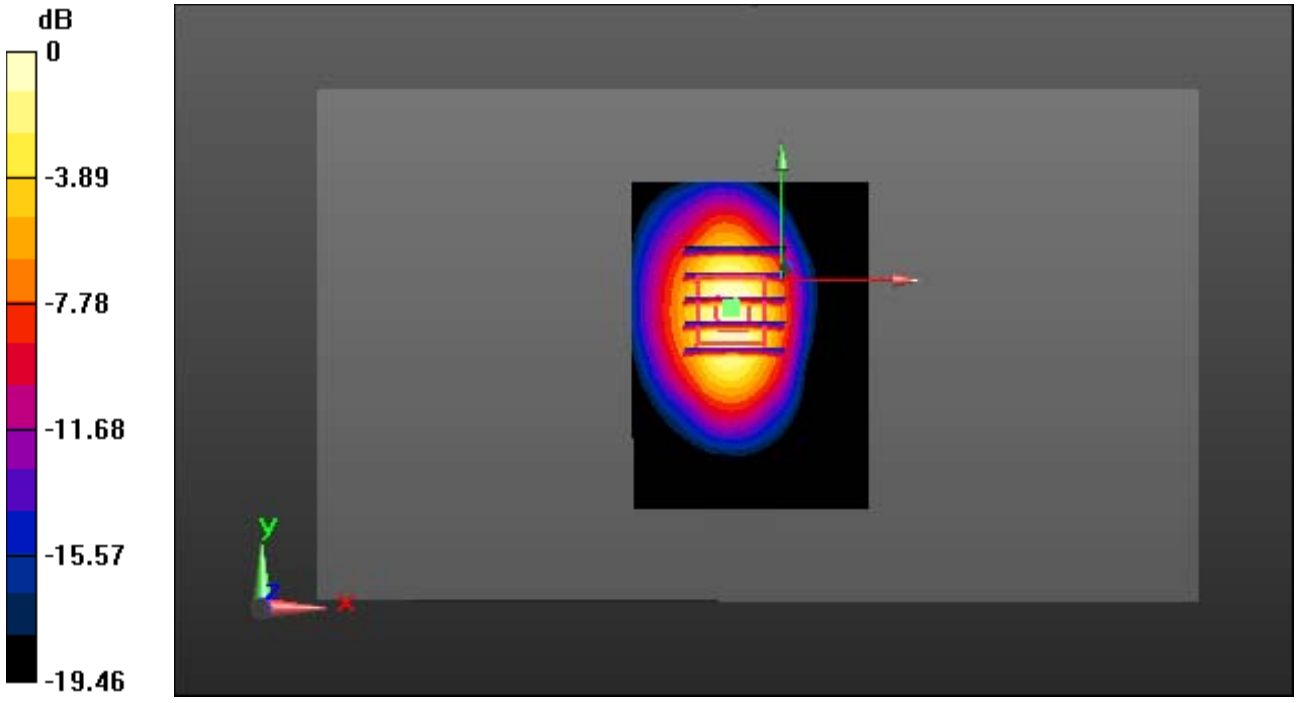
Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.499 S/m; ε_r = 53.022; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

1.0 cm space from Body, Bottom, CDMA1900 Ch. 600, Ant.Internal

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.555 W/kg



0 dB = 1.47 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.499 S/m; ε_r = 53.022; ρ = 1000 kg/m^3
Phantom section: Center Section

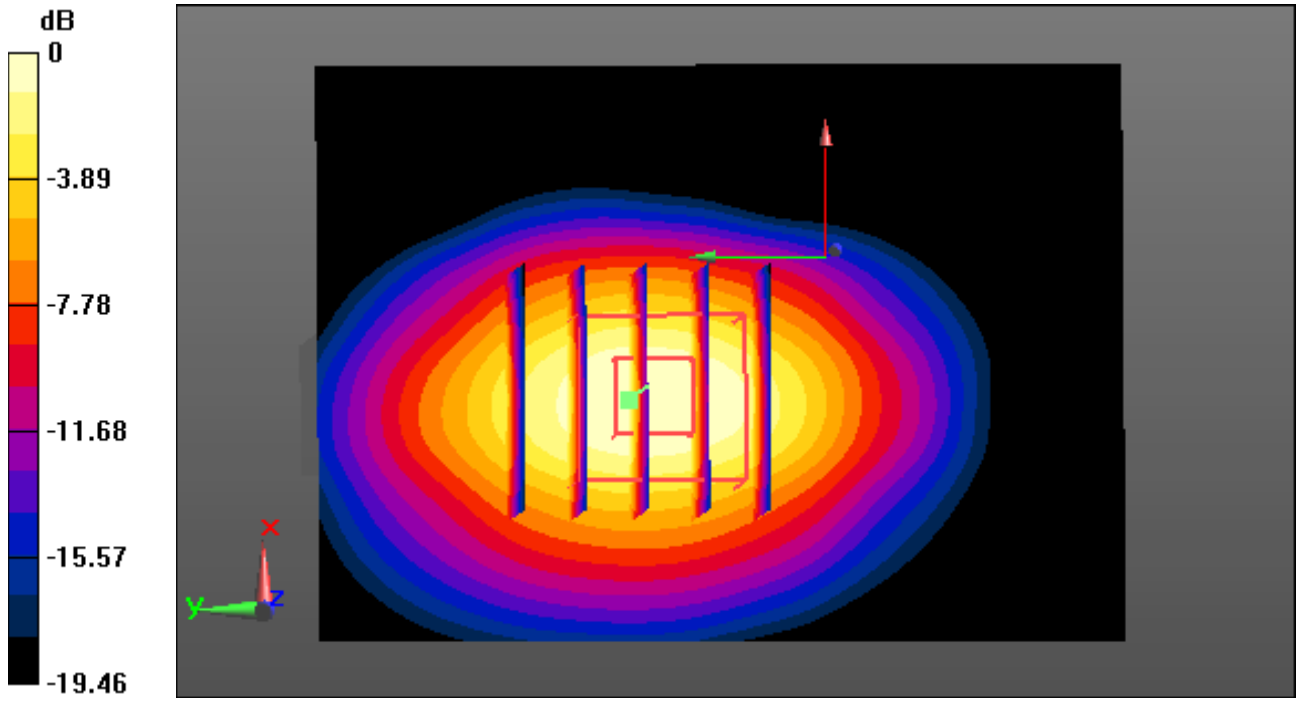
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

1.0 cm space from Body, Bottom, CDMA1900 Ch. 600, Ant.Internal

With Enlarge plot image

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.555 W/kg



0 dB = 1.47 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

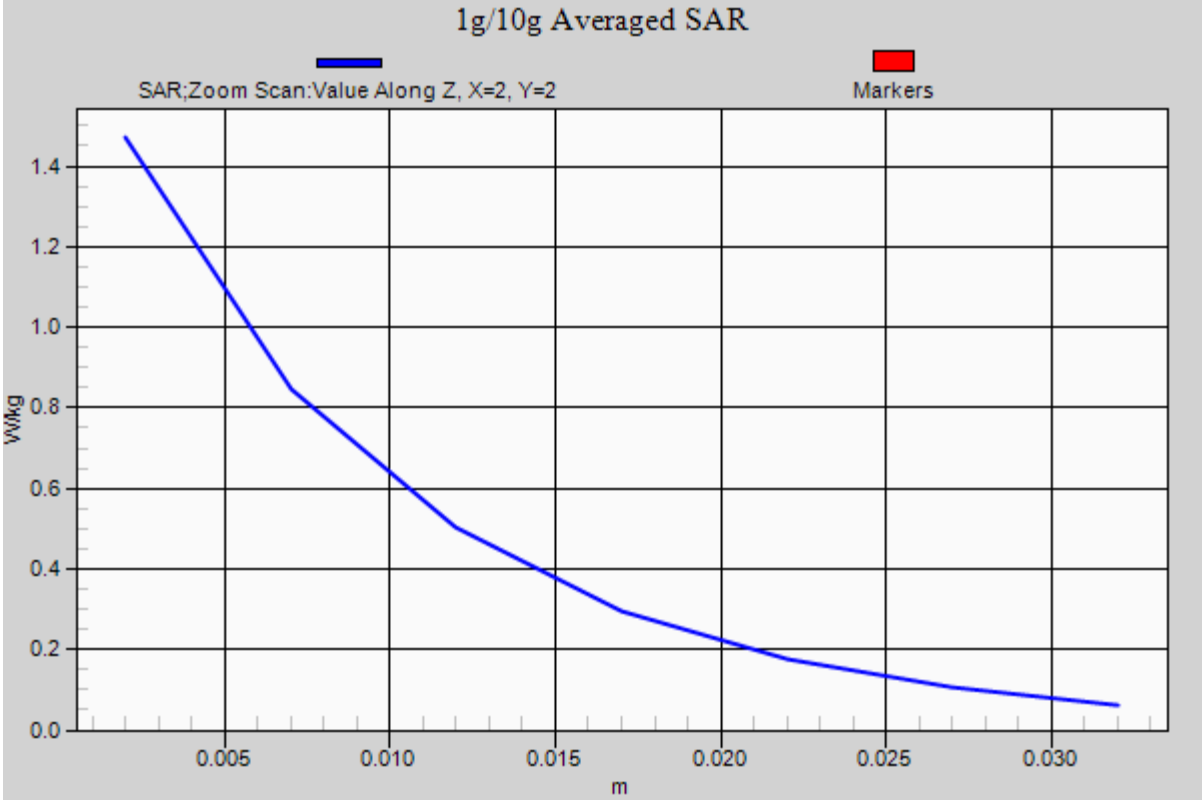
Communication System: CDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.499 S/m; ε_r = 53.022; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

1.0 cm space from Body, Bottom, CDMA1900 Ch. 600, Ant.Internal

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.555 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

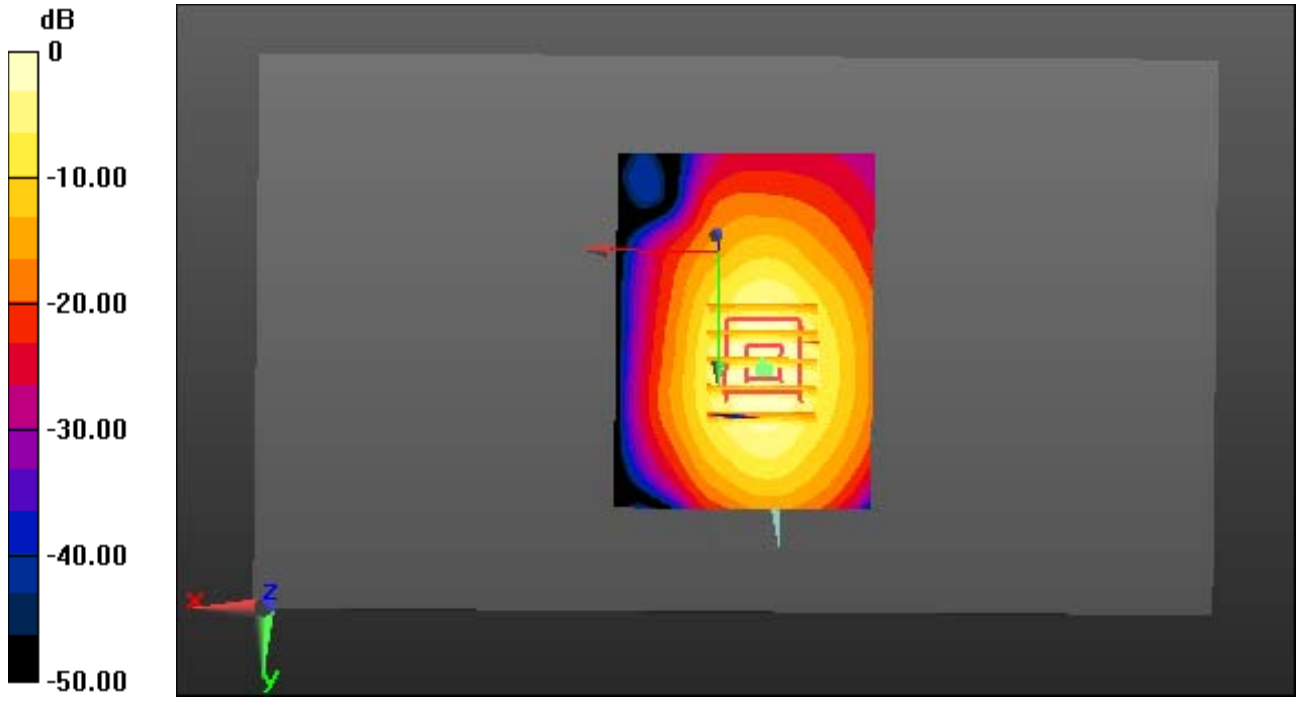
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Bottom, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.501 W/kg



0 dB = 1.34 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

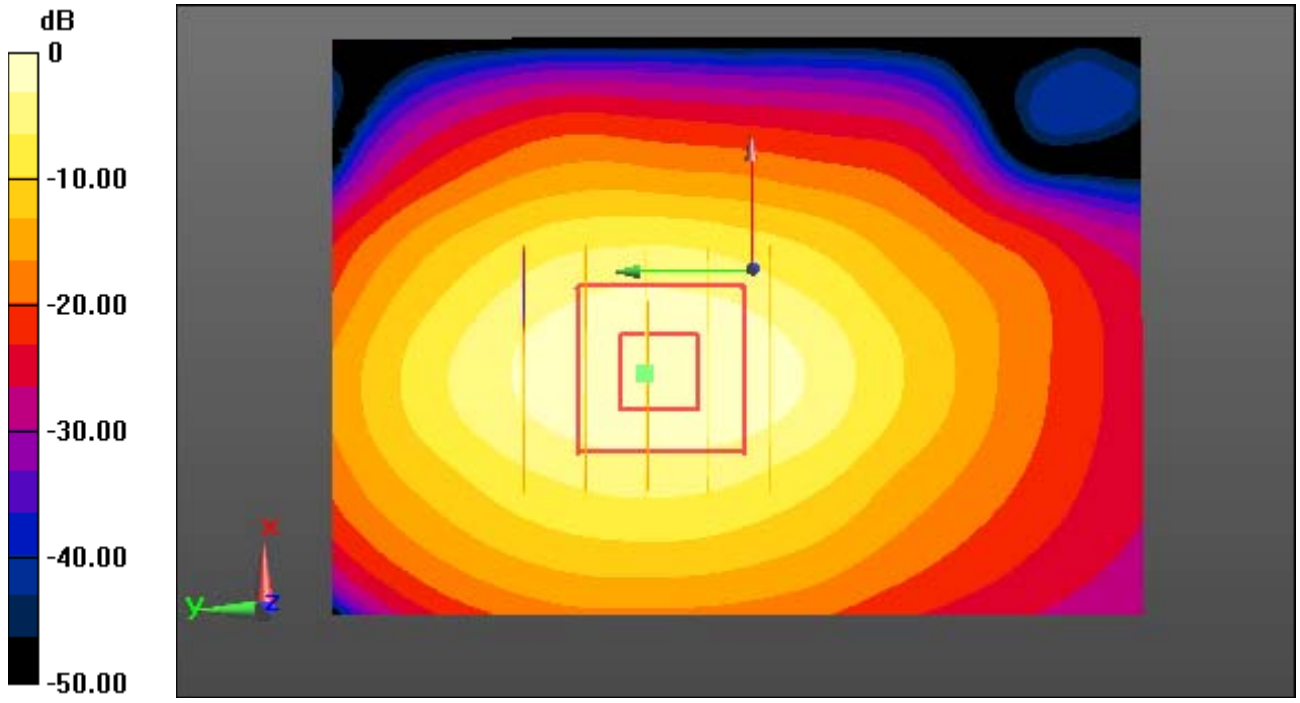
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Bottom, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal

With Enlarge plot image

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.501 W/kg



0 dB = 1.34 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

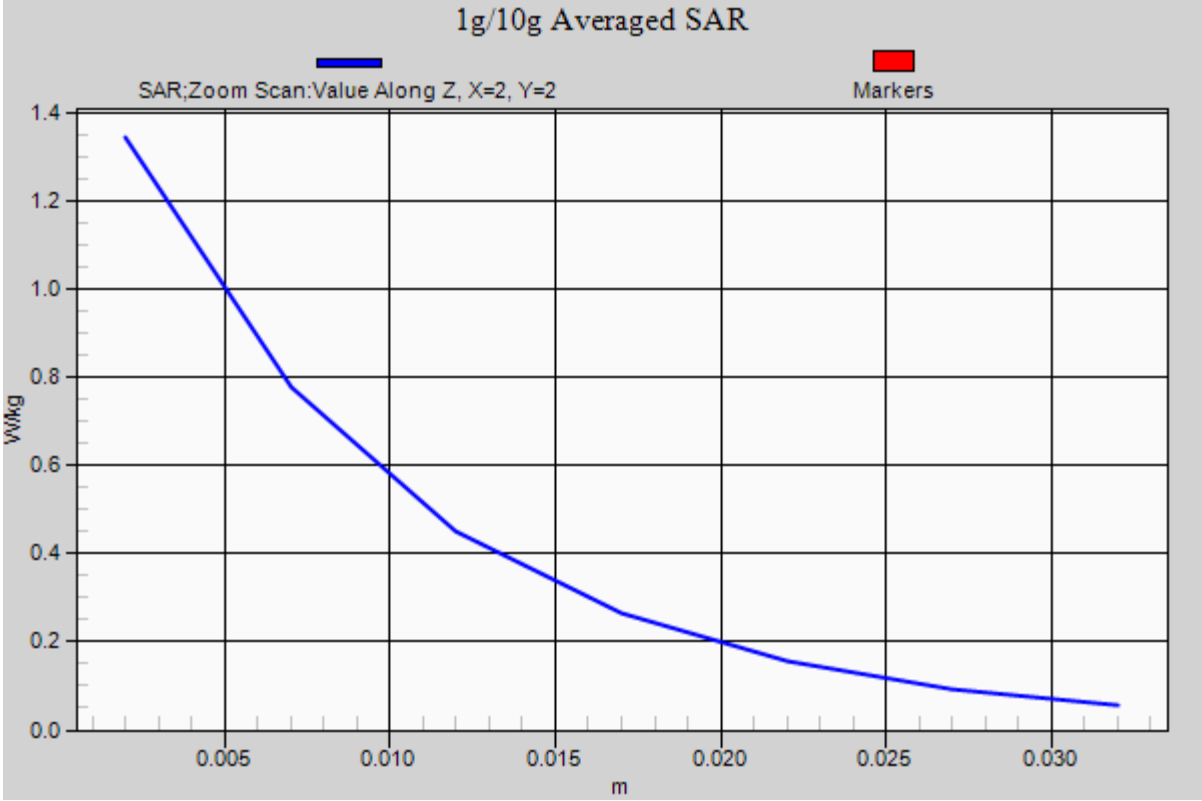
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.511 S/m; ε_r = 52.218; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

1.0 cm space from Body, Bottom, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.501 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

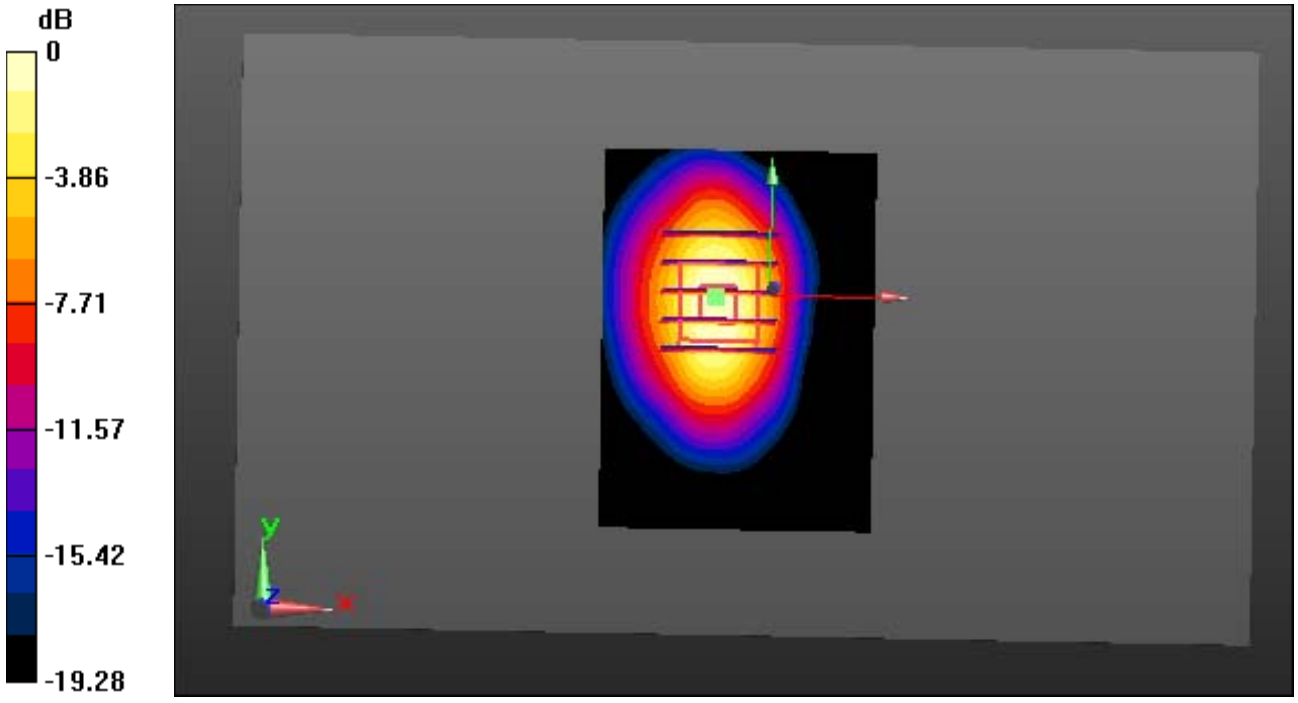
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 S/m; ε_r = 52.133; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

1.0 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant.Internal

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.568 W/kg



0 dB = 1.50 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 S/m; ε_r = 52.133; ρ = 1000 kg/m^3
Phantom section: Center Section

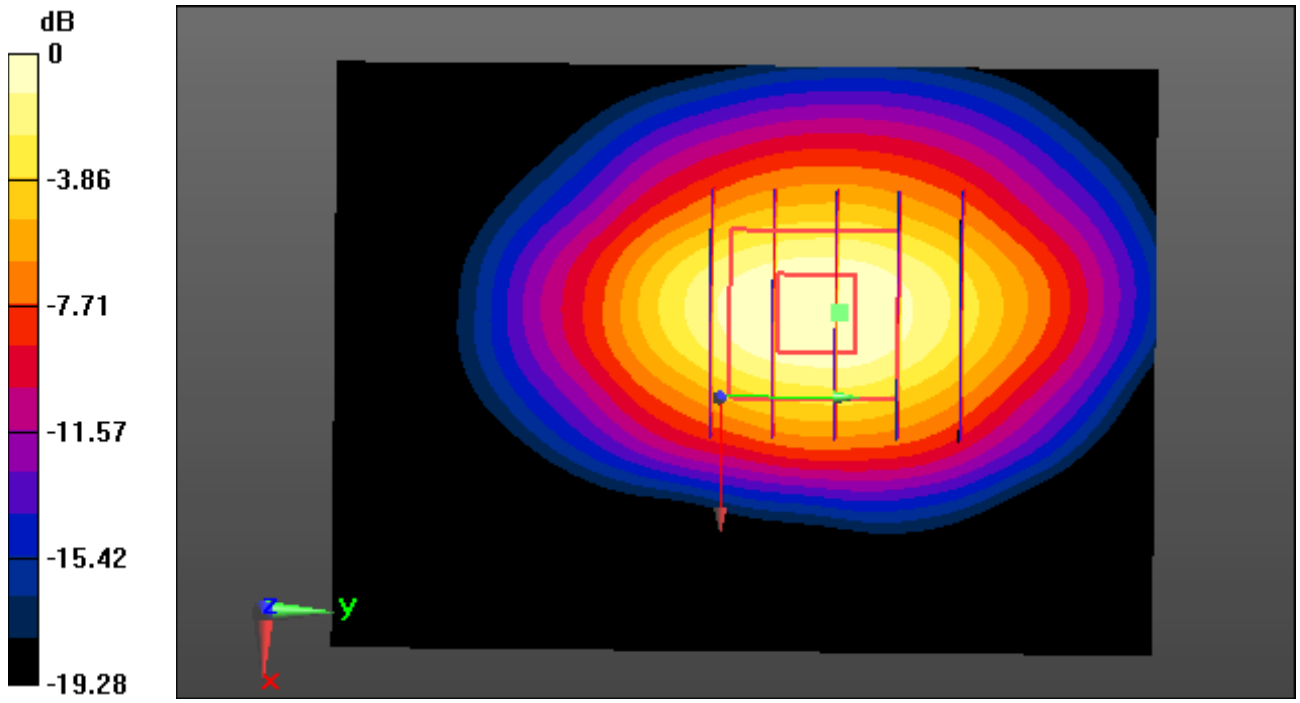
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

1.0 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant.Internal

With Enlarge plot image

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.568 W/kg



0 dB = 1.50 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

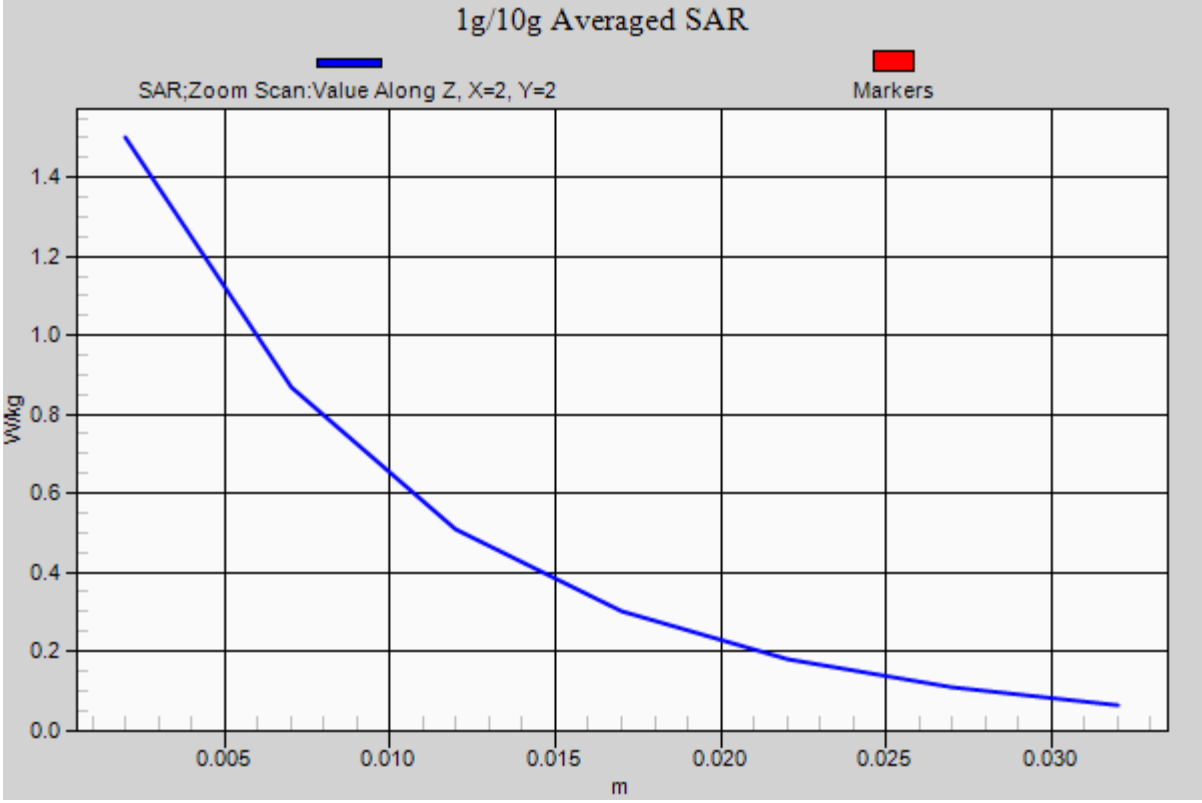
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 S/m; ε_r = 52.133; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

1.0 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant.Internal

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.568 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 53.606; ρ = 1000 kg/m^3
Phantom section: Center Section

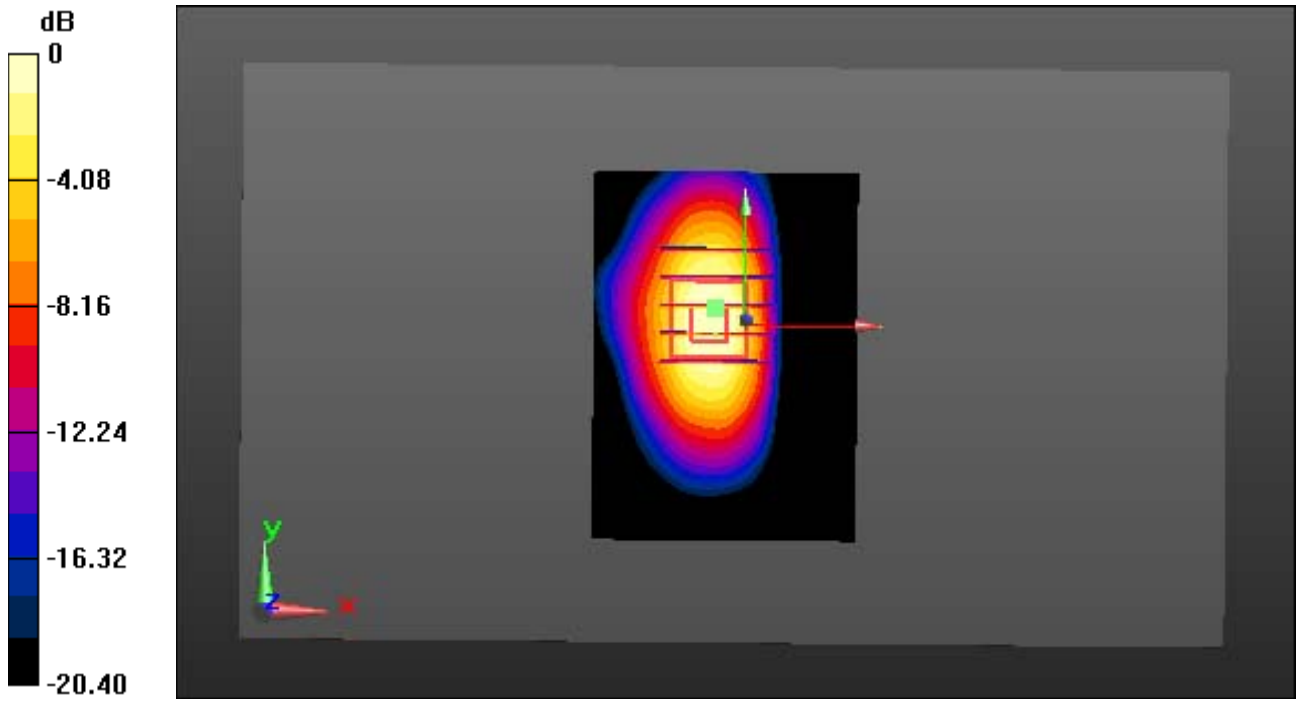
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1.0 cm space from Body, Bottom, LTE Band 4 Ch. 20175, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.188 W/kg



0 dB = 0.479 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 53.606; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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)

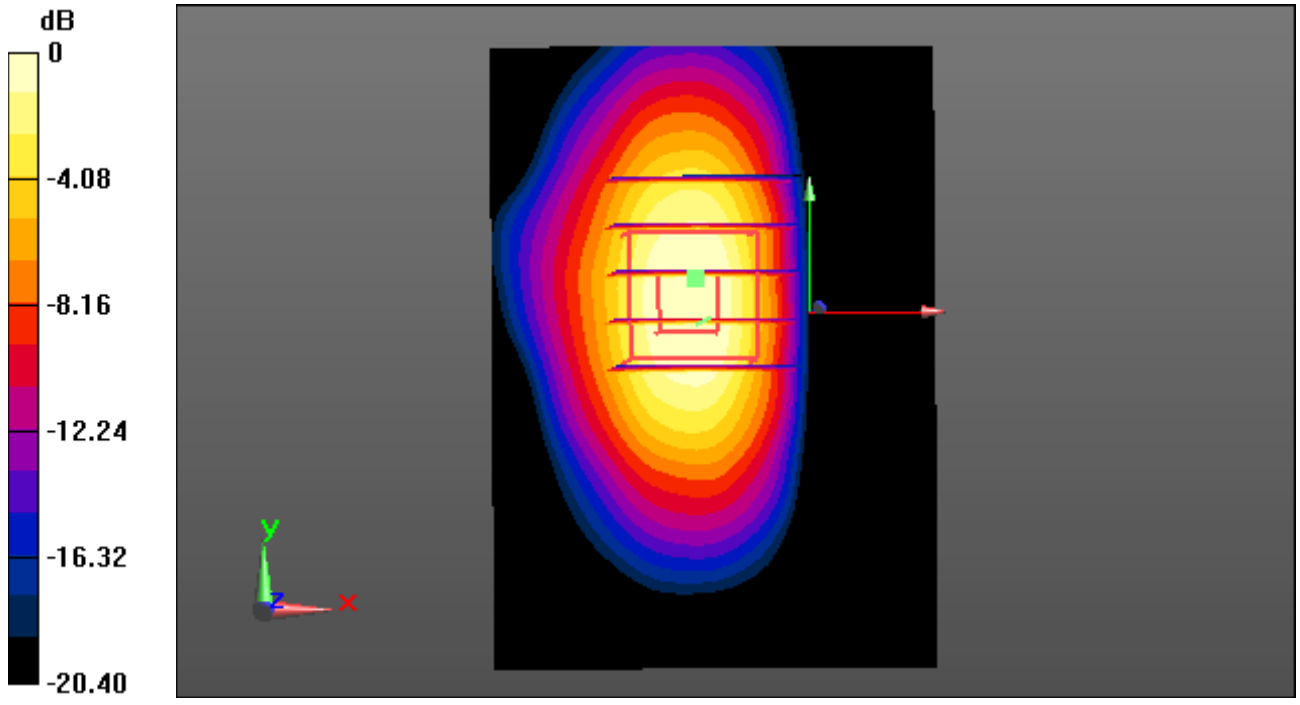
Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1.0 cm space from Body, Bottom, LTE Band 4 Ch. 20175, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

With Enlarge plot image

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.188 W/kg



0 dB = 0.479 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 53.606; ρ = 1000 kg/m^3
Phantom section: Center Section

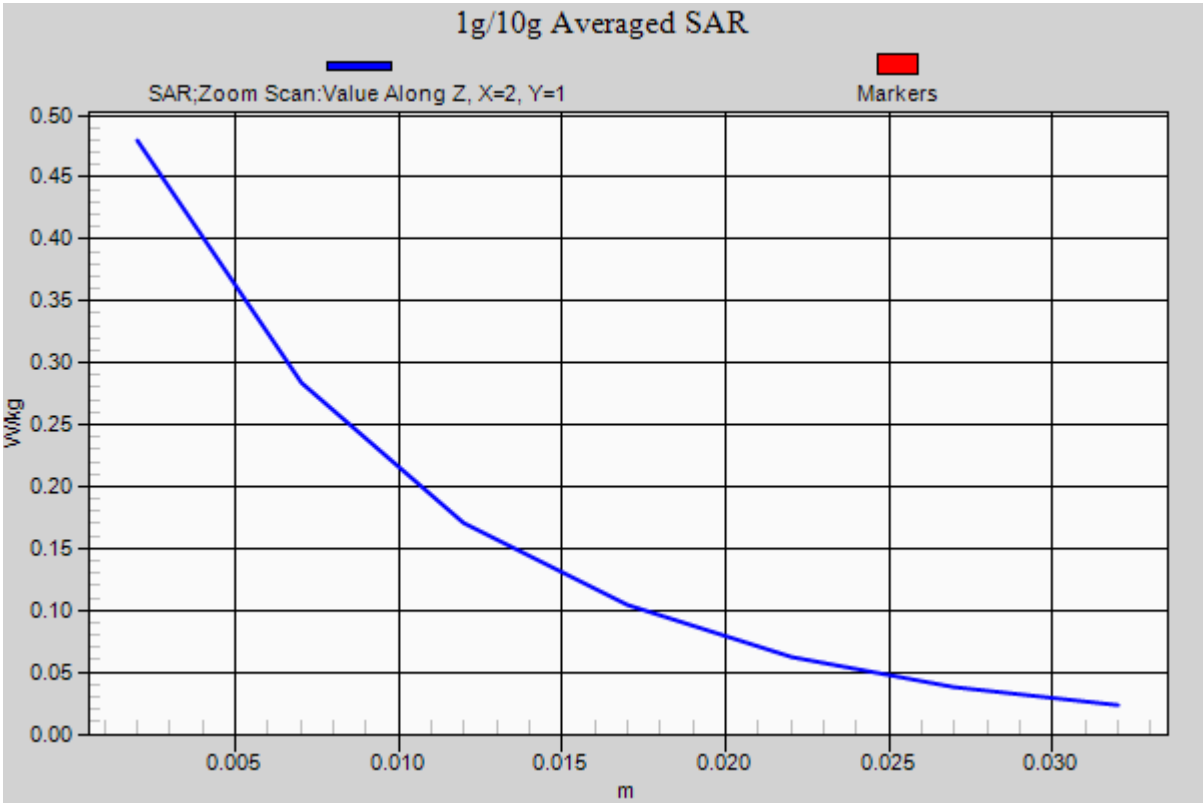
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

1.0 cm space from Body, Bottom, LTE Band 4 Ch. 20175, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.188 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 54.279; ρ = 1000 kg/m^3
Phantom section: Center Section

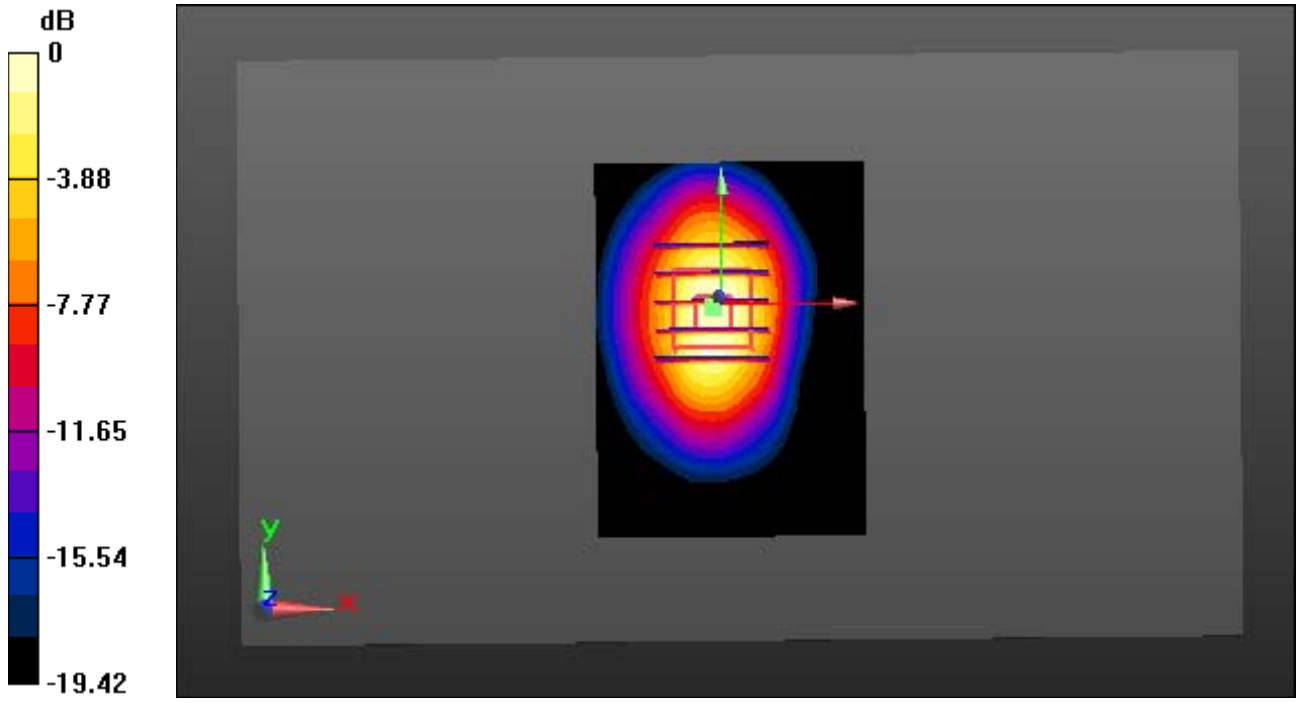
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1.0 cm space from Body, Bottom, LTE Band 2 Ch. 18900, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.479 W/kg



0 dB = 1.28 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 54.279; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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)

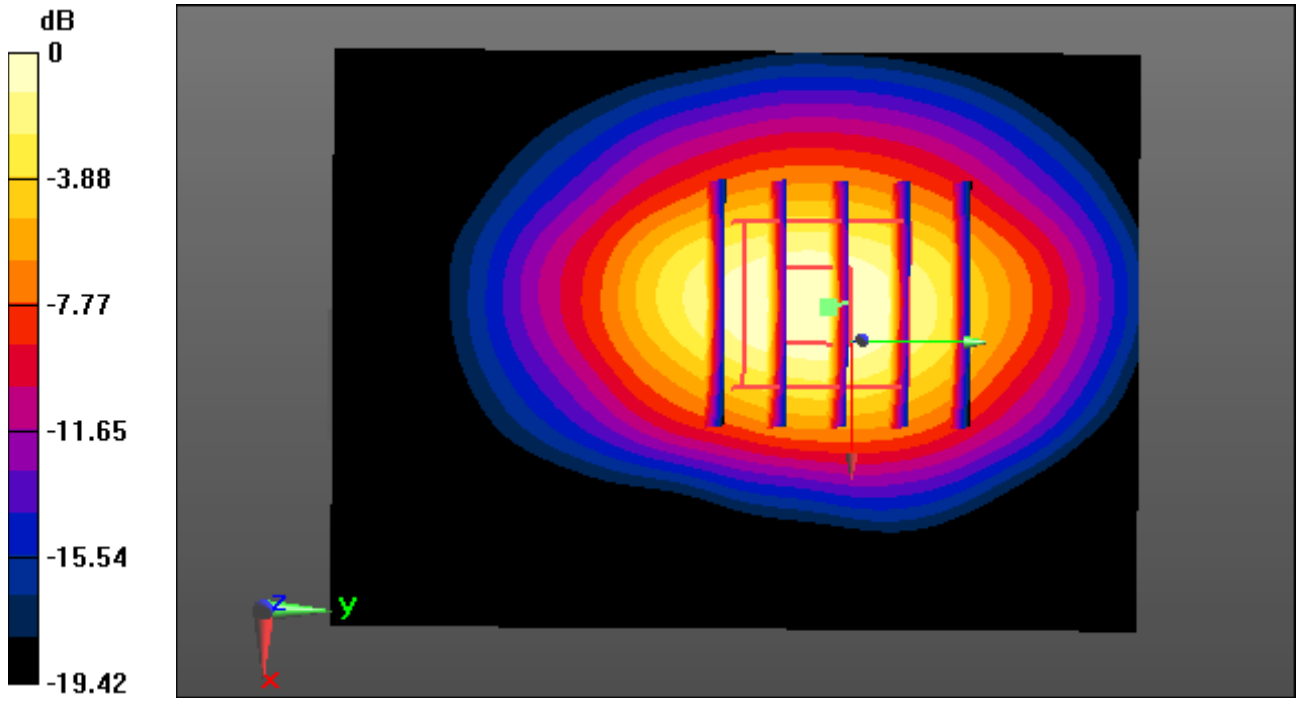
Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1.0 cm space from Body, Bottom, LTE Band 2 Ch. 18900, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

With Enlarge plot image

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.479 W/kg



0 dB = 1.28 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 54.279; ρ = 1000 kg/m^3
Phantom section: Center Section

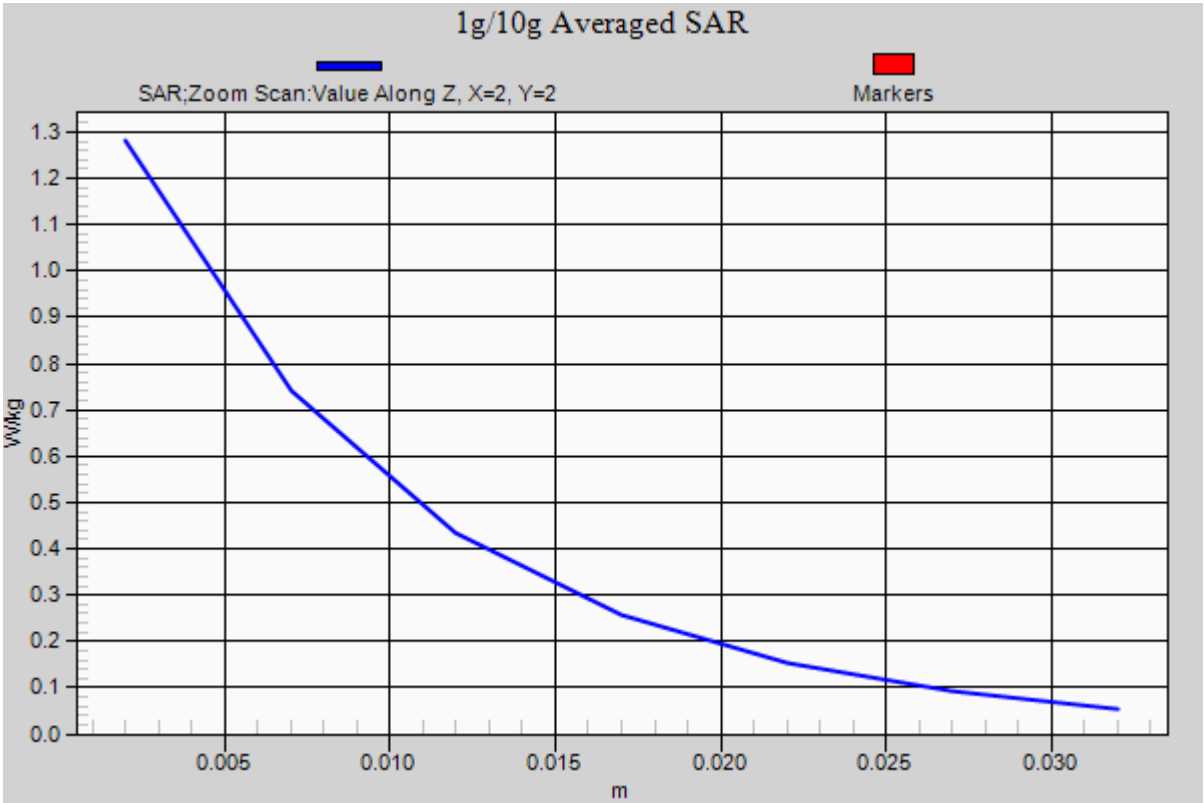
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

1.0 cm space from Body, Bottom, LTE Band 2 Ch. 18900, Ant Internal

Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0

Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.479 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

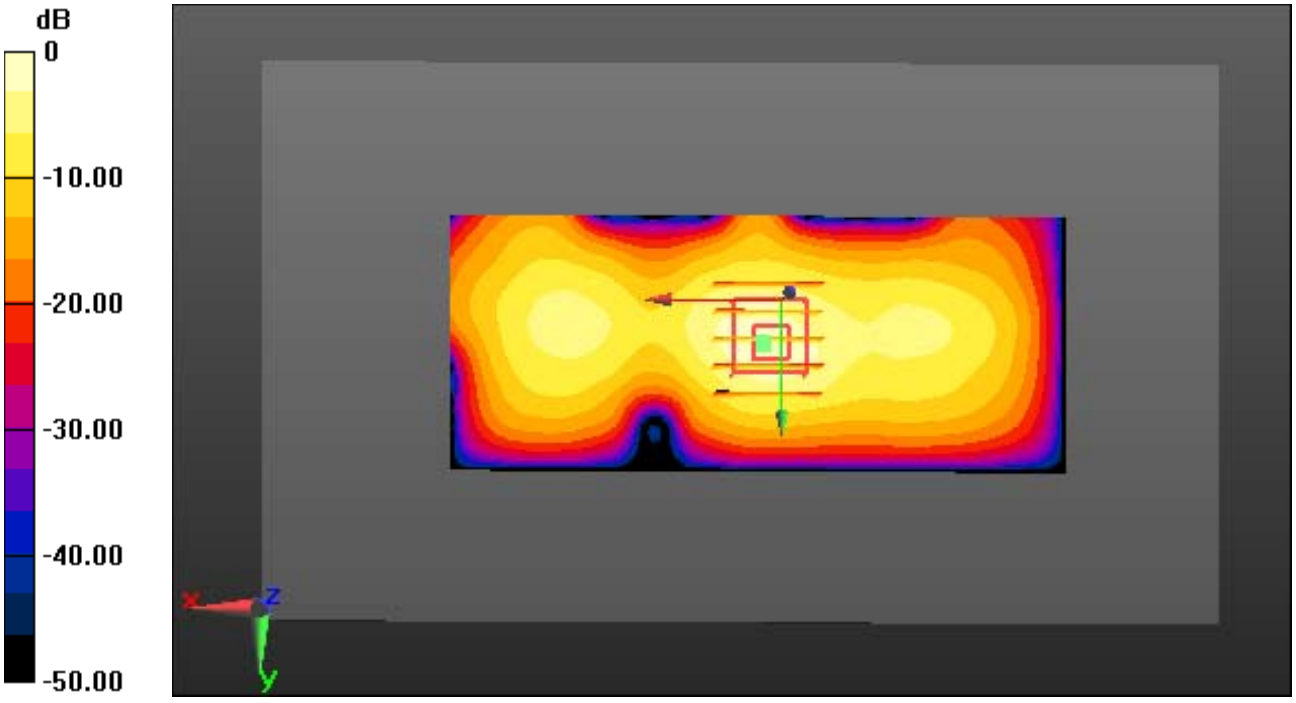
Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.004 S/m; ε_r = 52.081; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

Area Scan (121x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.069 W/kg



0 dB = 0.220 W/kg

DUT: EF500; Type: PDA

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.004 S/m; ε_r = 52.081; ρ = 1000 kg/m^3
Phantom section: Center Section

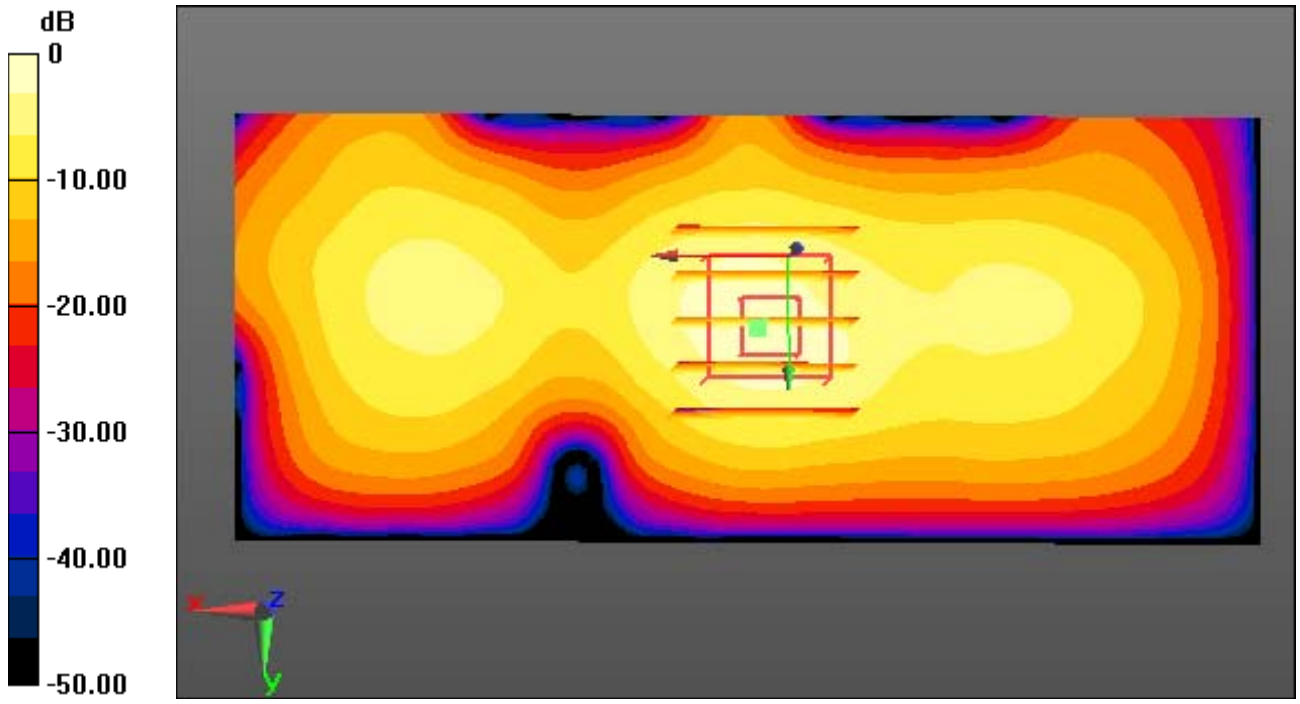
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

With Enlarge plot image

Area Scan (121x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.069 W/kg



0 dB = 0.220 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

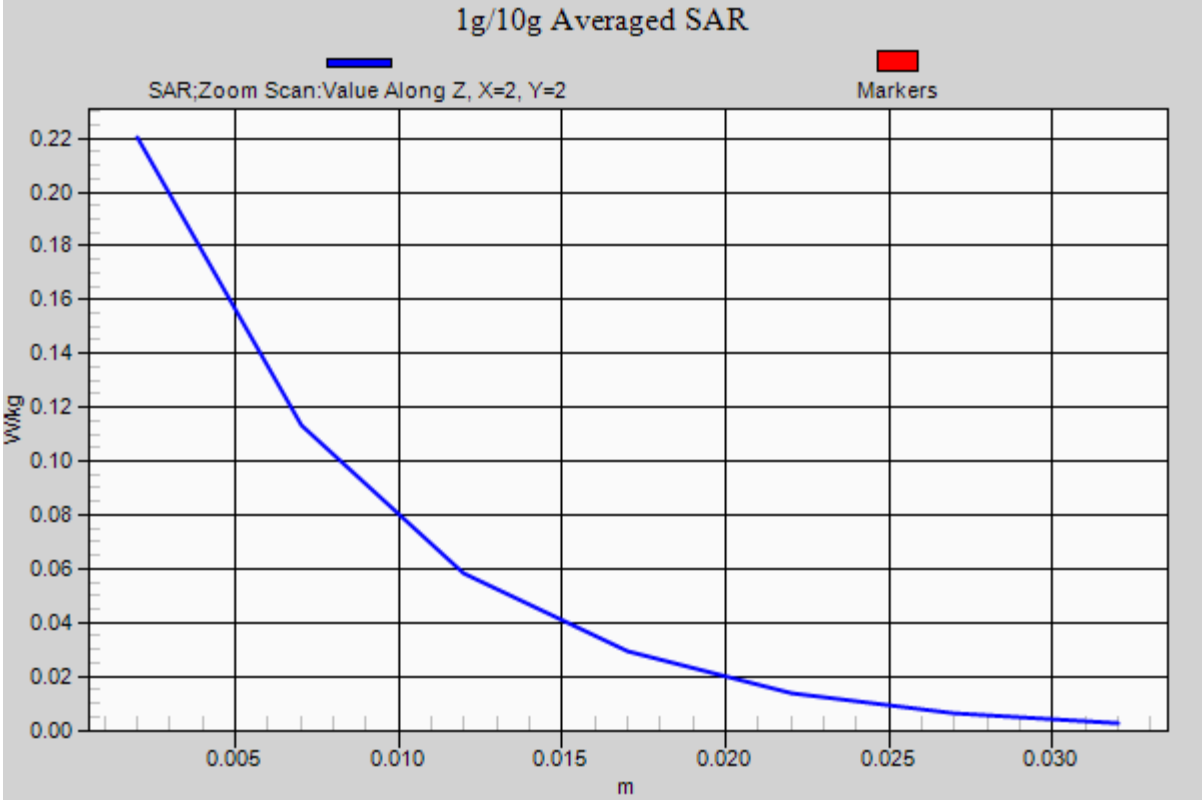
Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.004 S/m; ε_r = 52.081; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
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: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

Area Scan (121x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.069 W/kg



DUT: EF500; Type: PDA

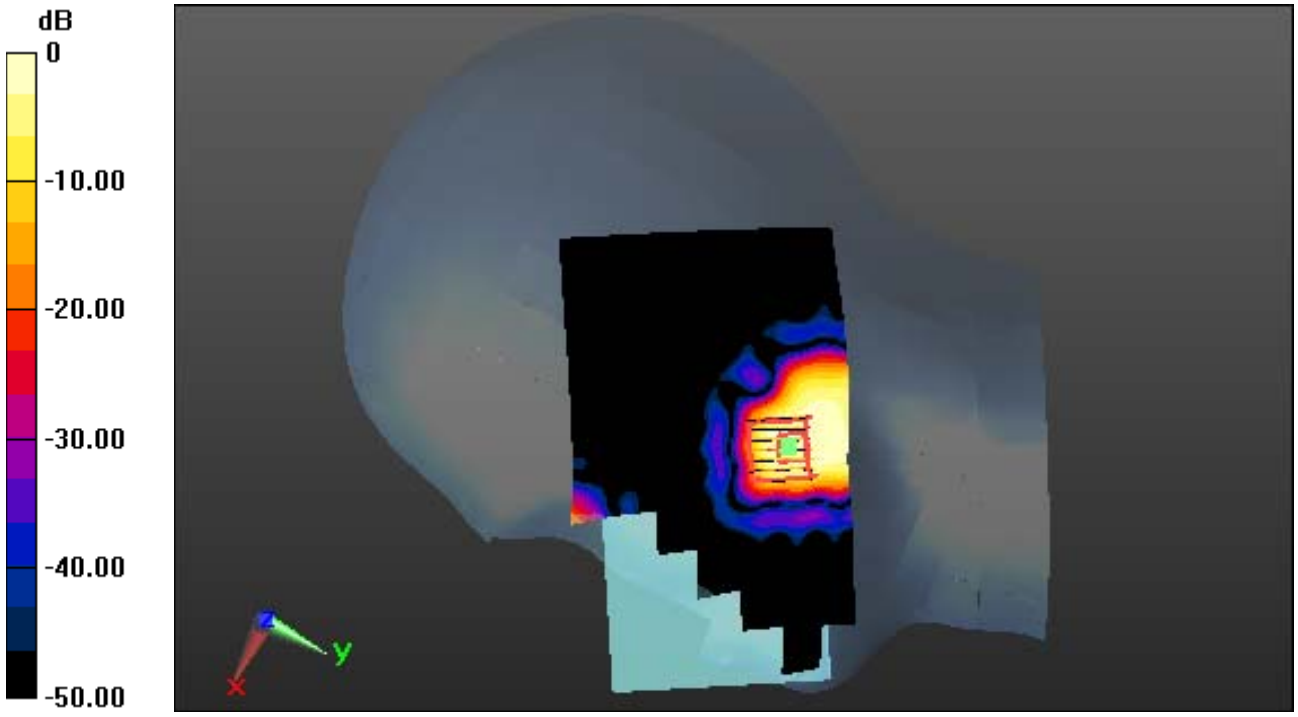
Communication System: W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.682 S/m; ε_r = 36.374; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-04; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(802.11a - 5.3G) Ch. 52, Ant Internal, Standard Battery

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.012 W/kg



0 dB = 0.0632 W/kg

DUT: EF500; Type: PDA

Communication System: W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.682 S/m; ε_r = 36.374; ρ = 1000 kg/m^3
Phantom section: Right Section

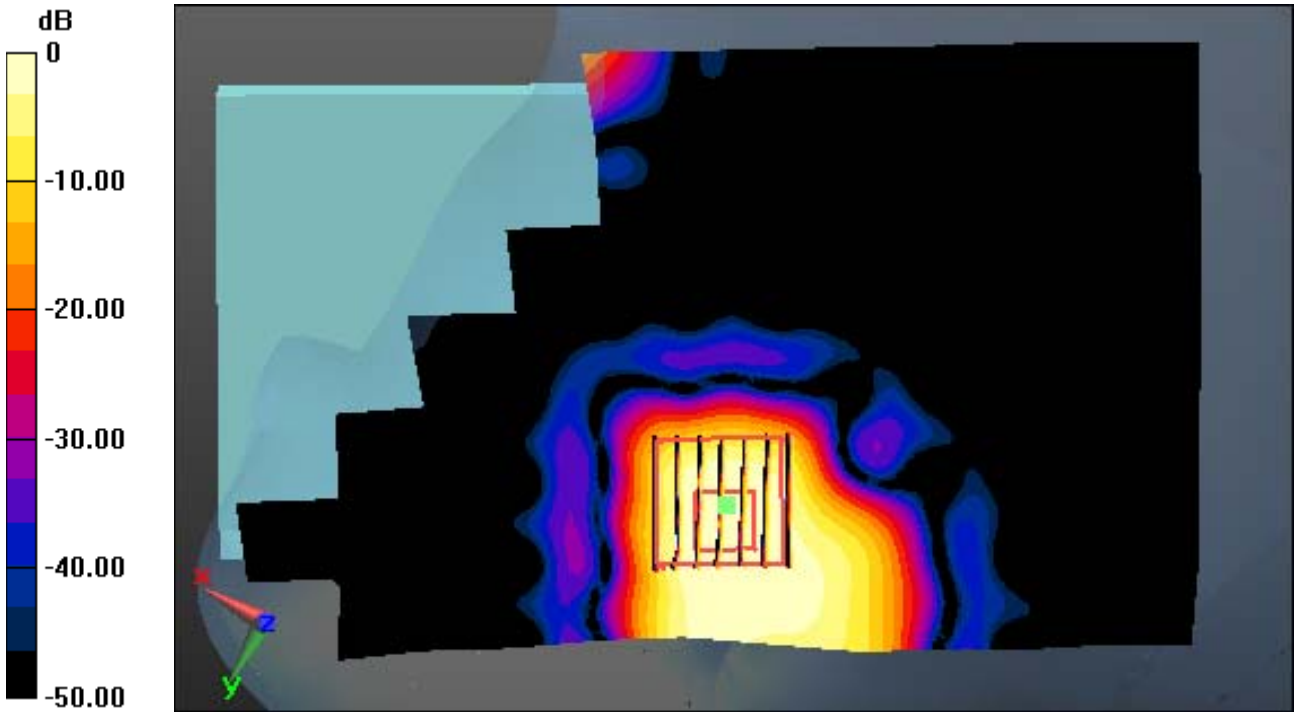
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-04; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(802.11a - 5.3G) Ch. 52, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.012 W/kg



0 dB = 0.0632 W/kg

DUT: EF500; Type: PDA

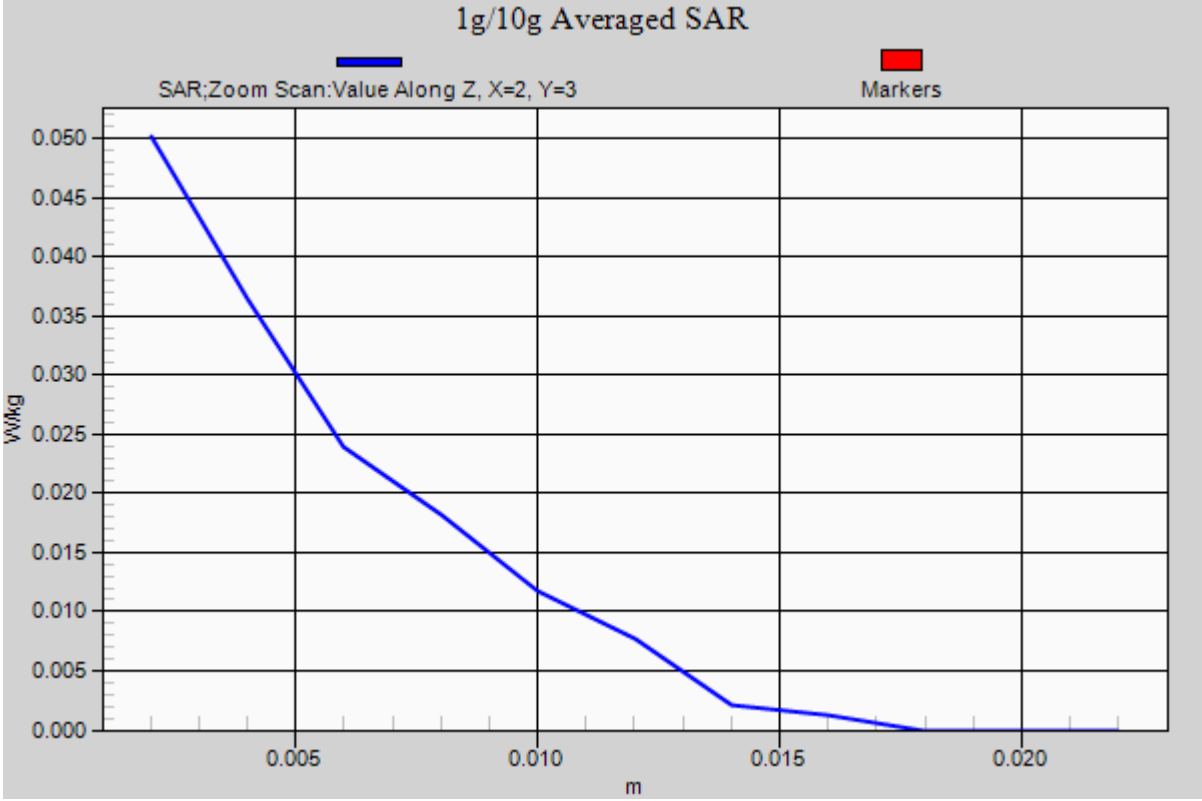
Communication System: W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.682 S/m; ε_r = 36.374; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-04; Ambient Temp: 21.4; Tissue Temp: 21.8

Right Touch, W-LAN(802.11a - 5.3G) Ch. 52, Ant Internal, Standard Battery

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.012 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

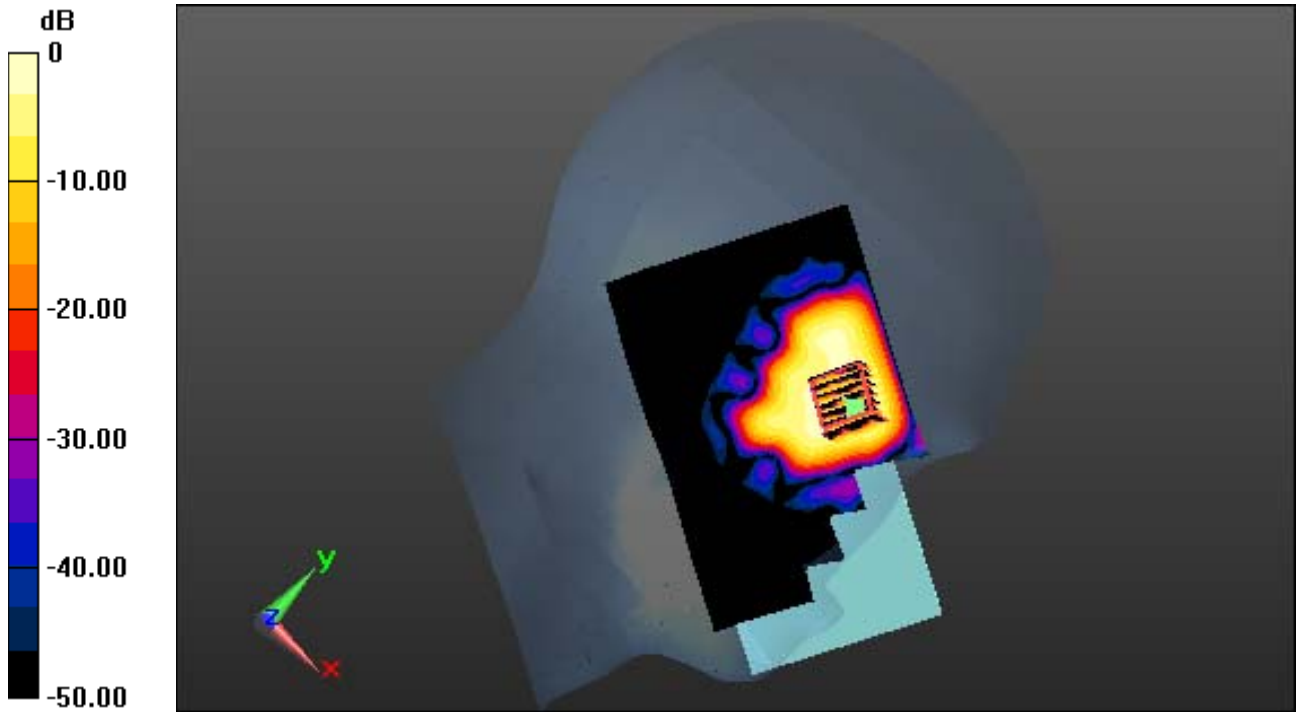
Communication System: W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 4.933 S/m; ε_r = 34.572; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.012 W/kg



0 dB = 0.0550 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 4.933 S/m; ε_r = 34.572; ρ = 1000 kg/m^3
Phantom section: Left Section

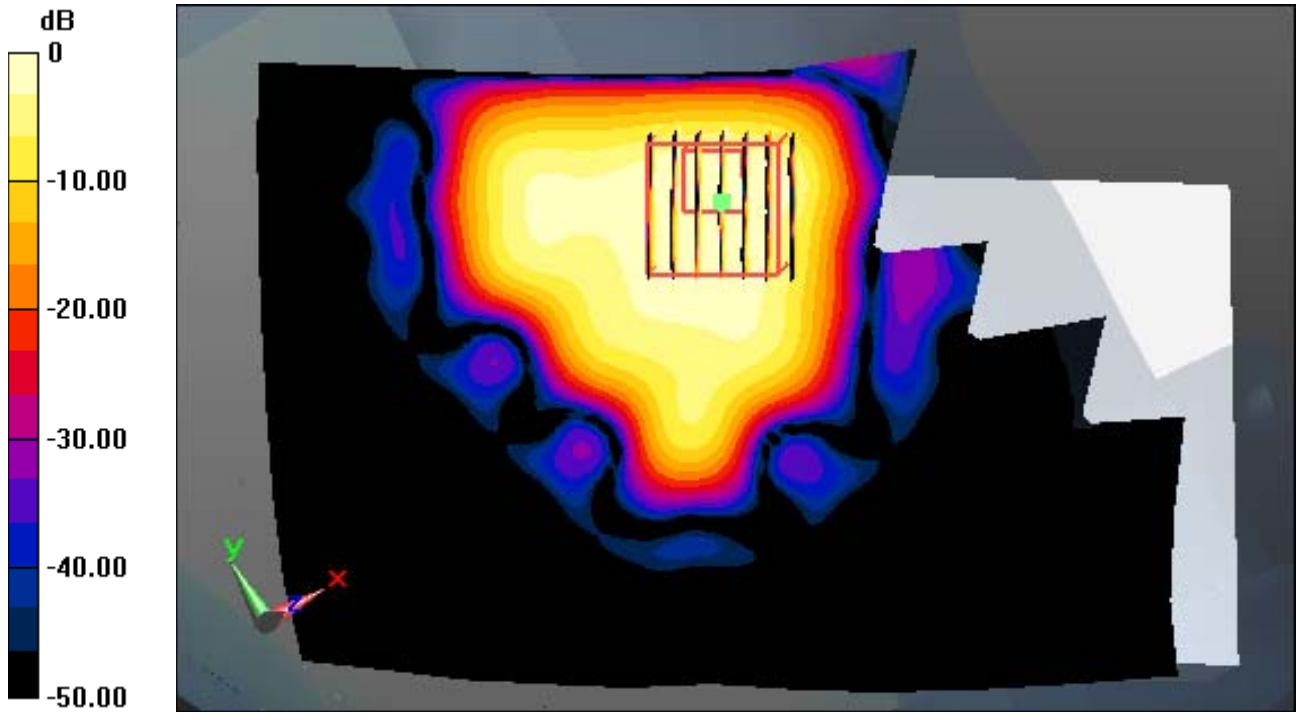
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

With Enlarge plot image

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.012 W/kg



0 dB = 0.0550 W/kg

DUT: EF500; Type: PDA

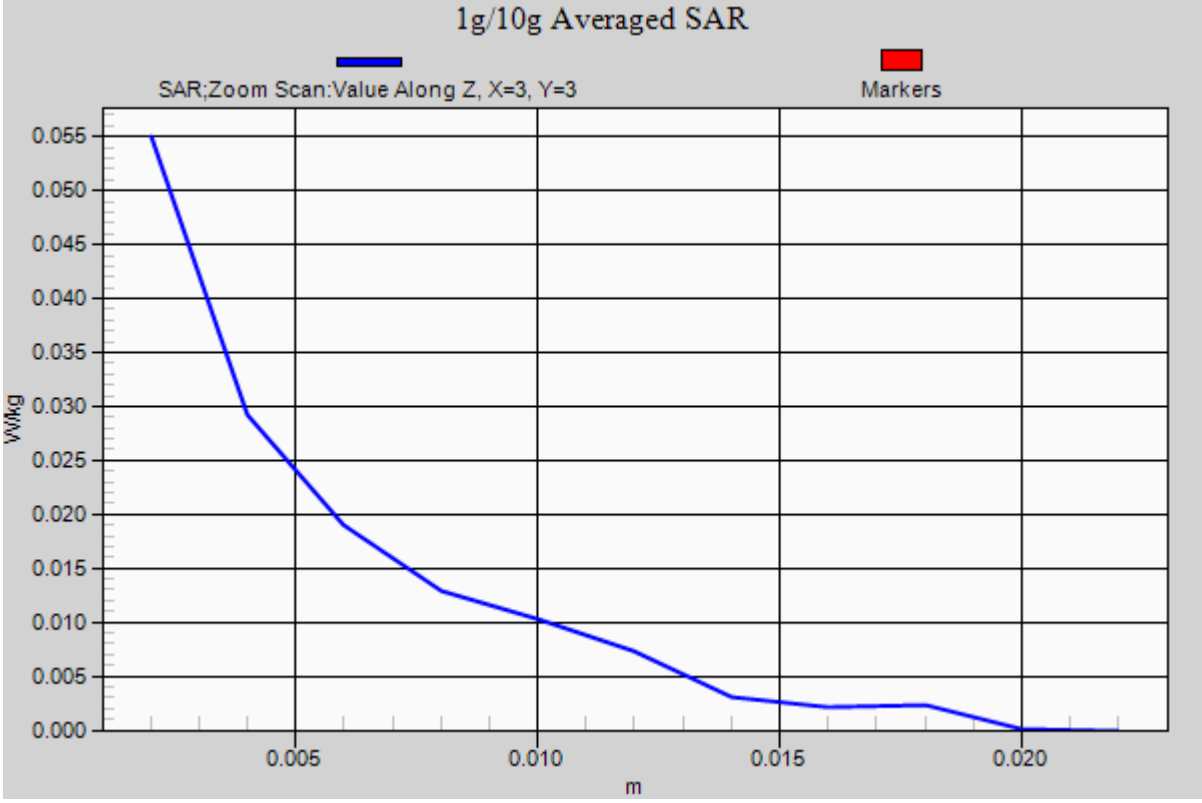
Communication System: W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 4.933 S/m; ε_r = 34.572; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.012 W/kg



DT&C Co., Ltd.

DUT: EF500; Type: PDA

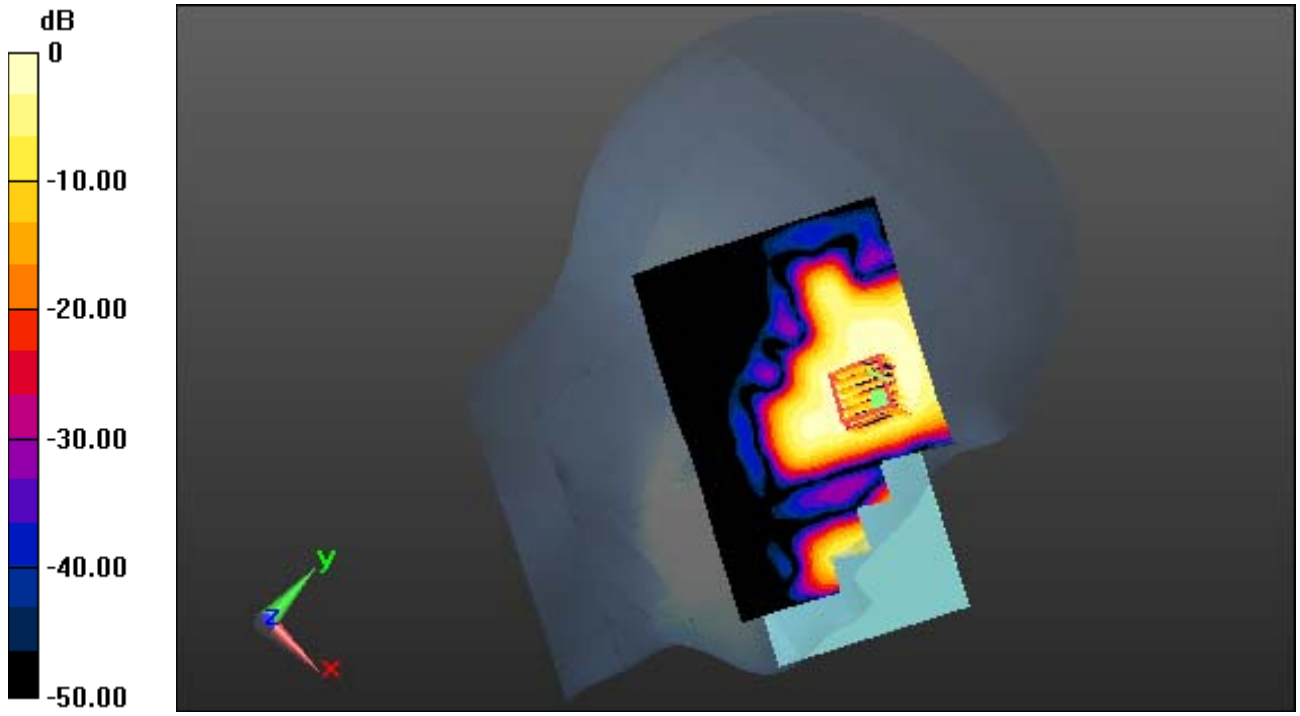
Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.368 S/m; ε_r = 34.43; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.0846 W/kg

DT&C Co., Ltd.

DUT: EF500; Type: PDA

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.368 S/m; ε_r = 34.43; ρ = 1000 kg/m^3
Phantom section: Left Section

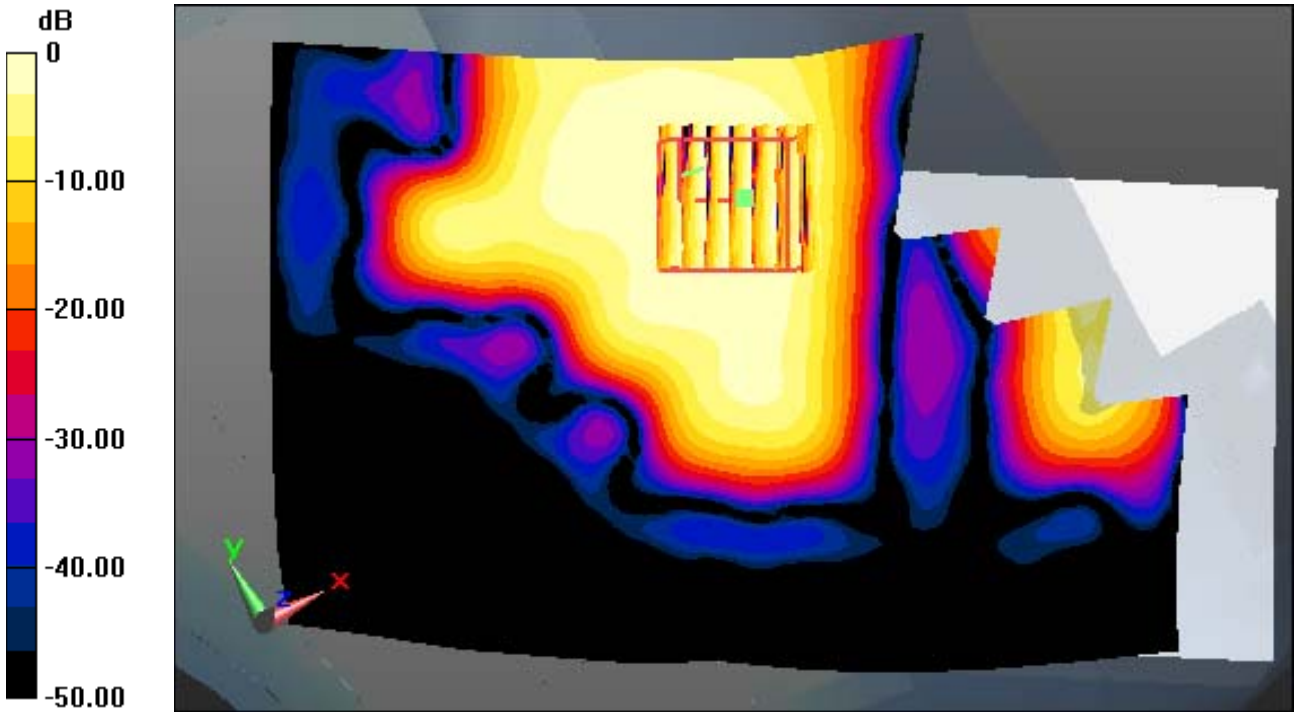
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

With Enlarge plot image

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.022 W/kg



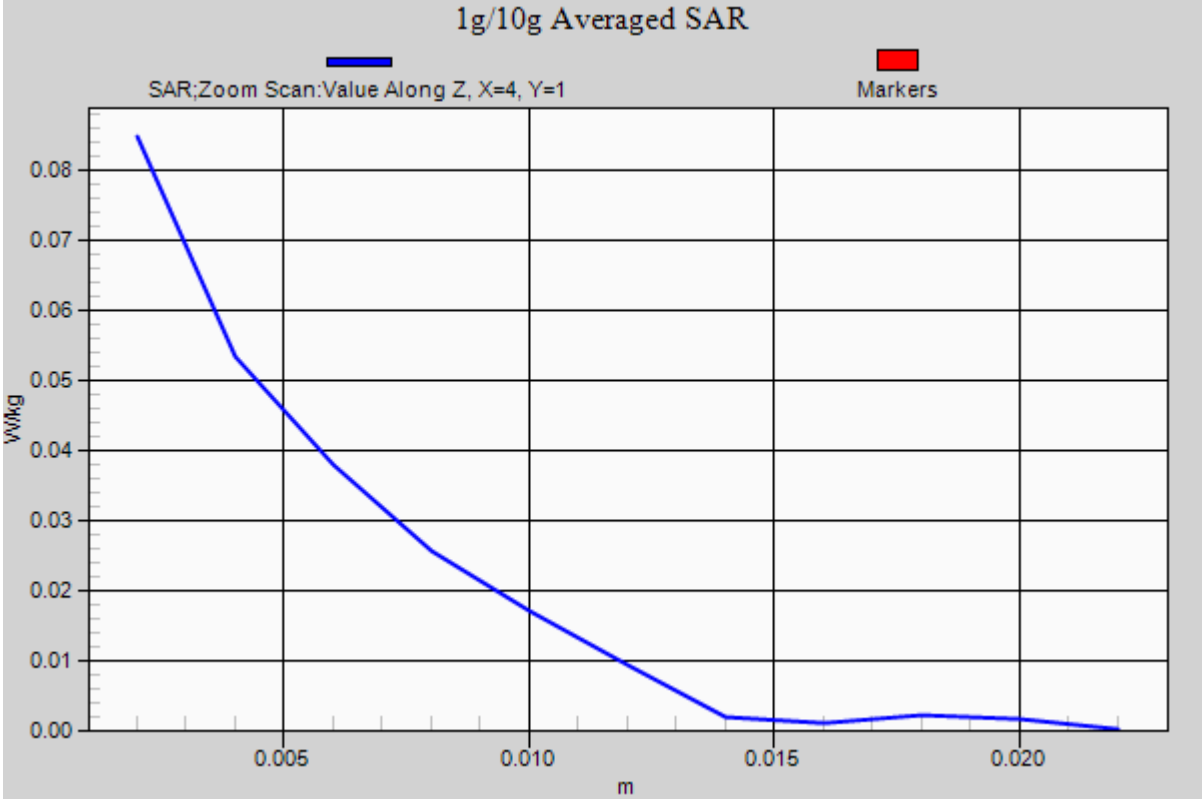
0 dB = 0.0846 W/kg

DUT: EF500; Type: PDA

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.368 S/m; ε_r = 34.43; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.022 W/kg