SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

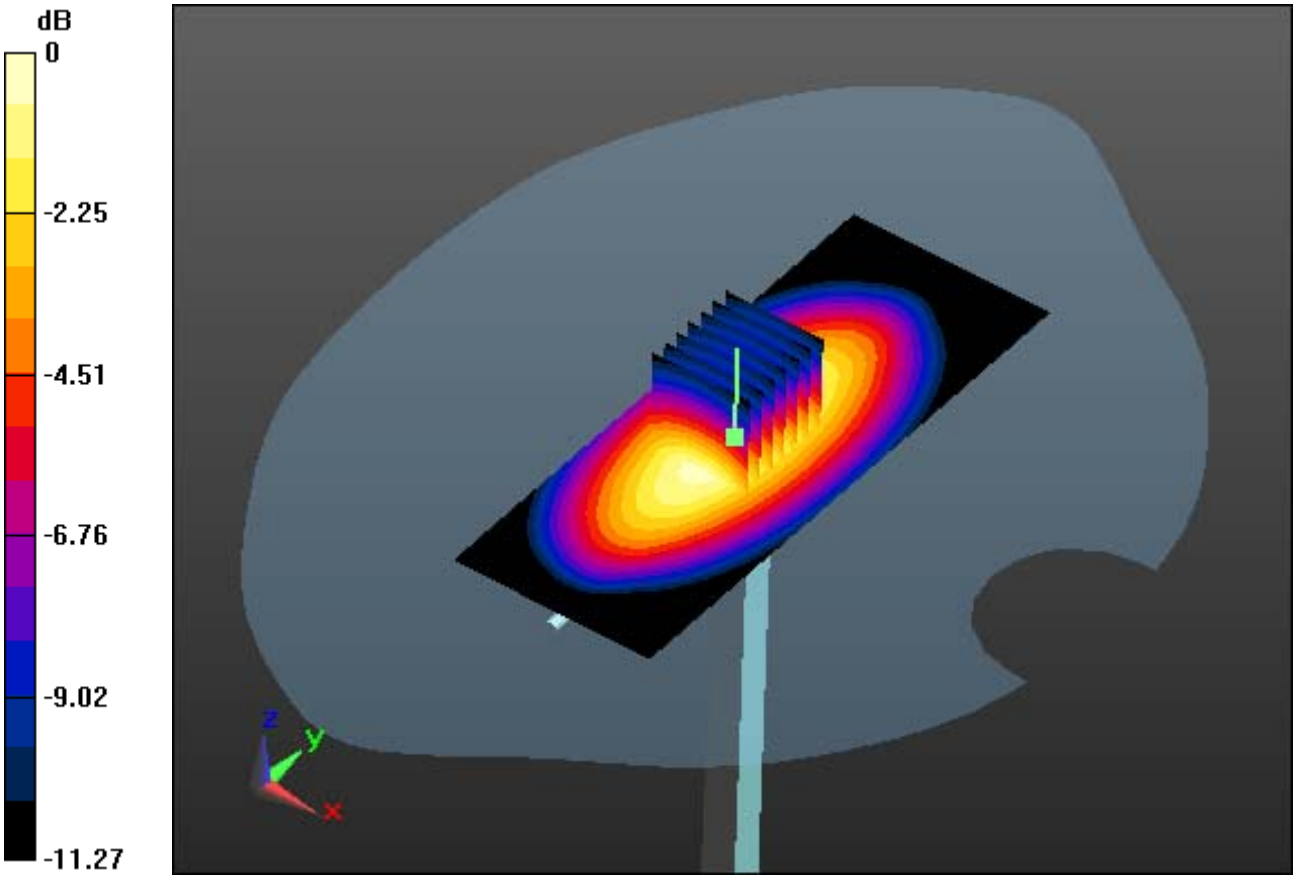
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.911 S/m; ε_r = 40.081; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-02-24; Ambient Temp: 21.5; Tissue Temp:22.0

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.93 W/kg
SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.45 W/kg



0 dB = 2.68 W/kg

DT&C Co., Ltd.

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

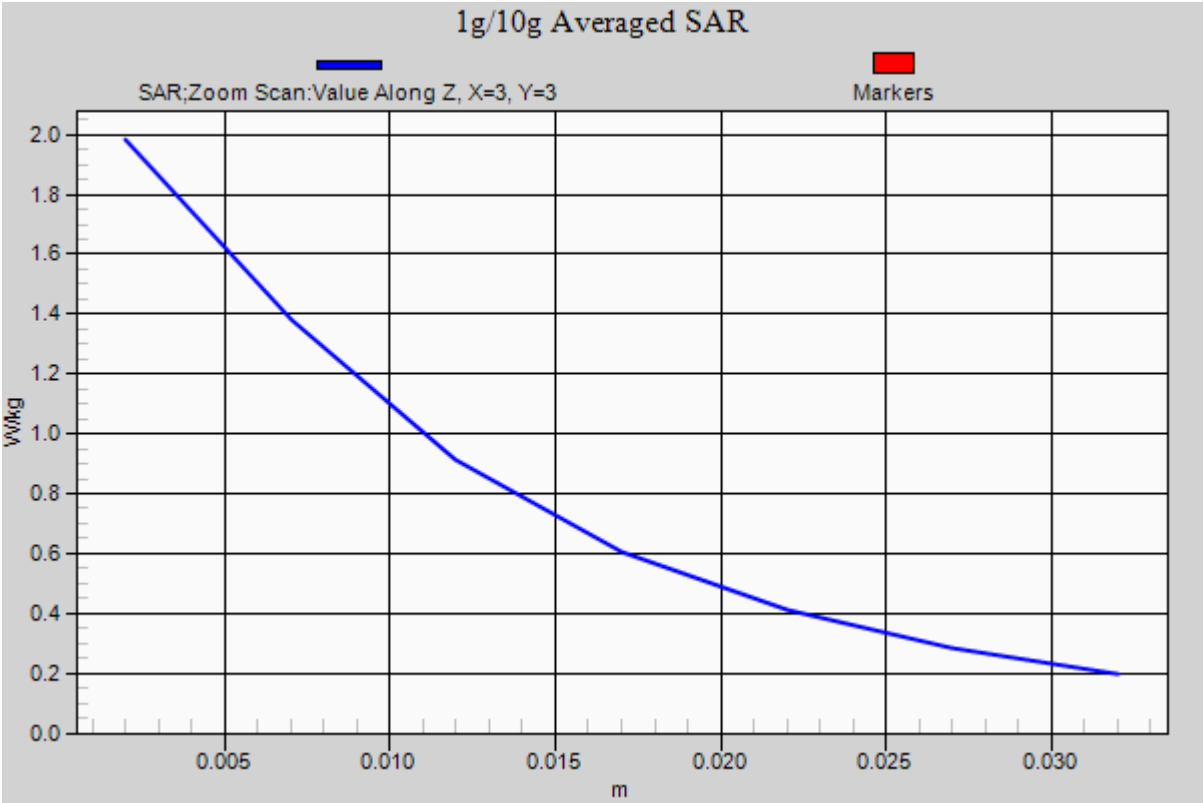
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.911 S/m; ε_r = 40.081; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-02-24; Ambient Temp: 21.5; Tissue Temp:22.0

835 MHz System Verification

Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.93 W/kg
SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.45 W/kg



DT&C Co., Ltd.

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

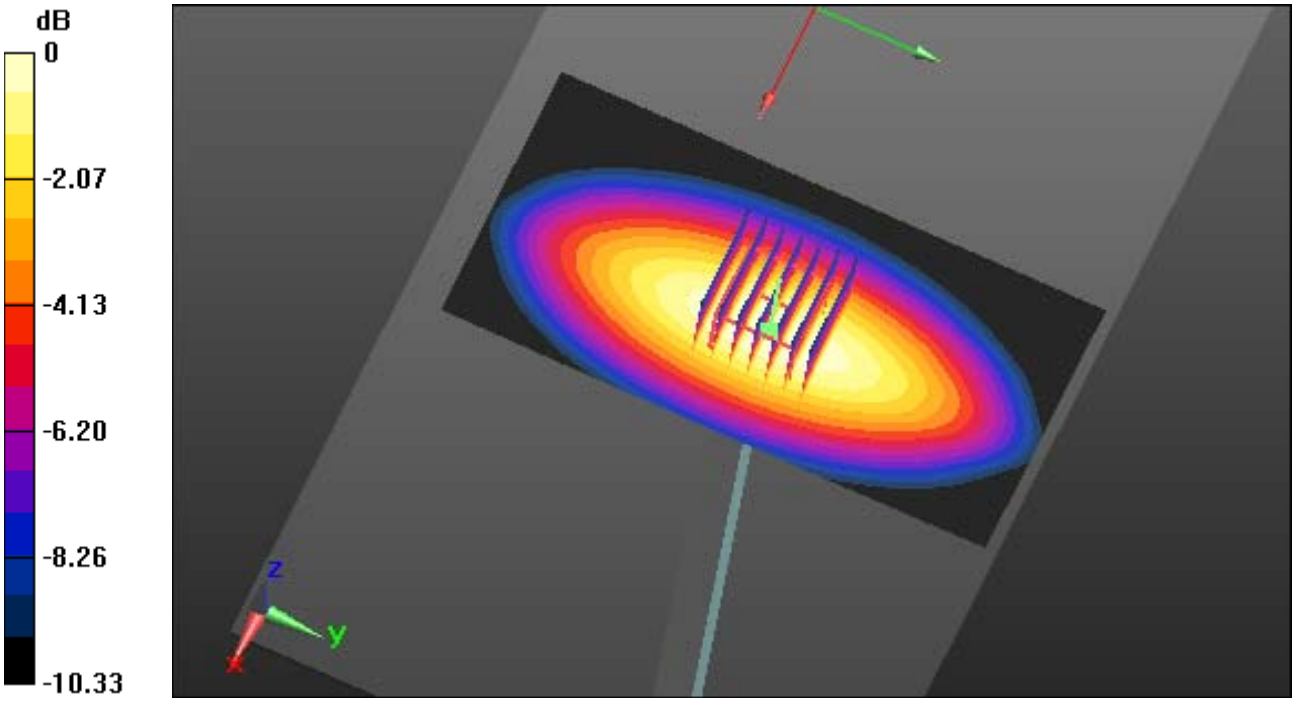
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.988 S/m; ε_r = 53.33; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5 Tissue Temp:22.0

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 = 0.00 dB
Peak SAR (extrapolated) = 4.18 W/kg
SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.54 W/kg



0 dB = 3.31 W/kg

DT&C Co., Ltd.

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

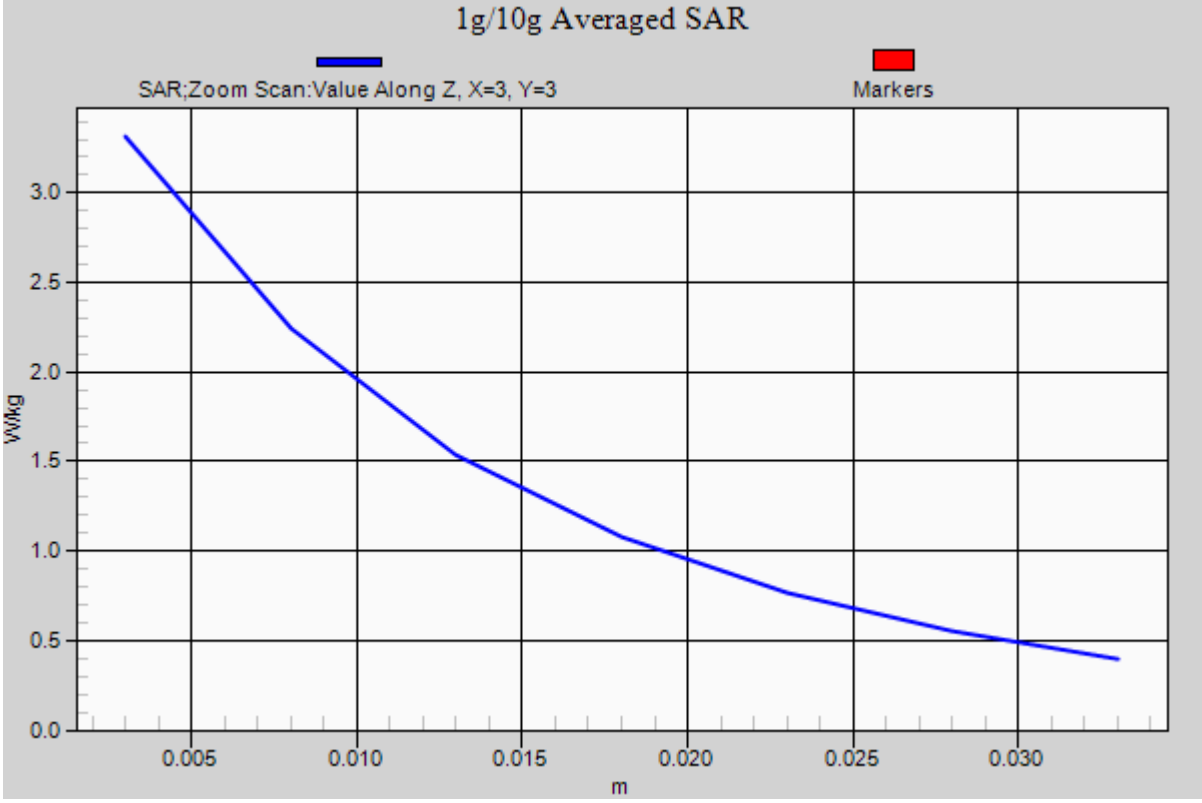
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.988 S/m; ε_r = 53.33; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5 Tissue Temp:22.0

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 = 0.00 dB
Peak SAR (extrapolated) = 4.18 W/kg
SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.54 W/kg



DT&C Co., Ltd.

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

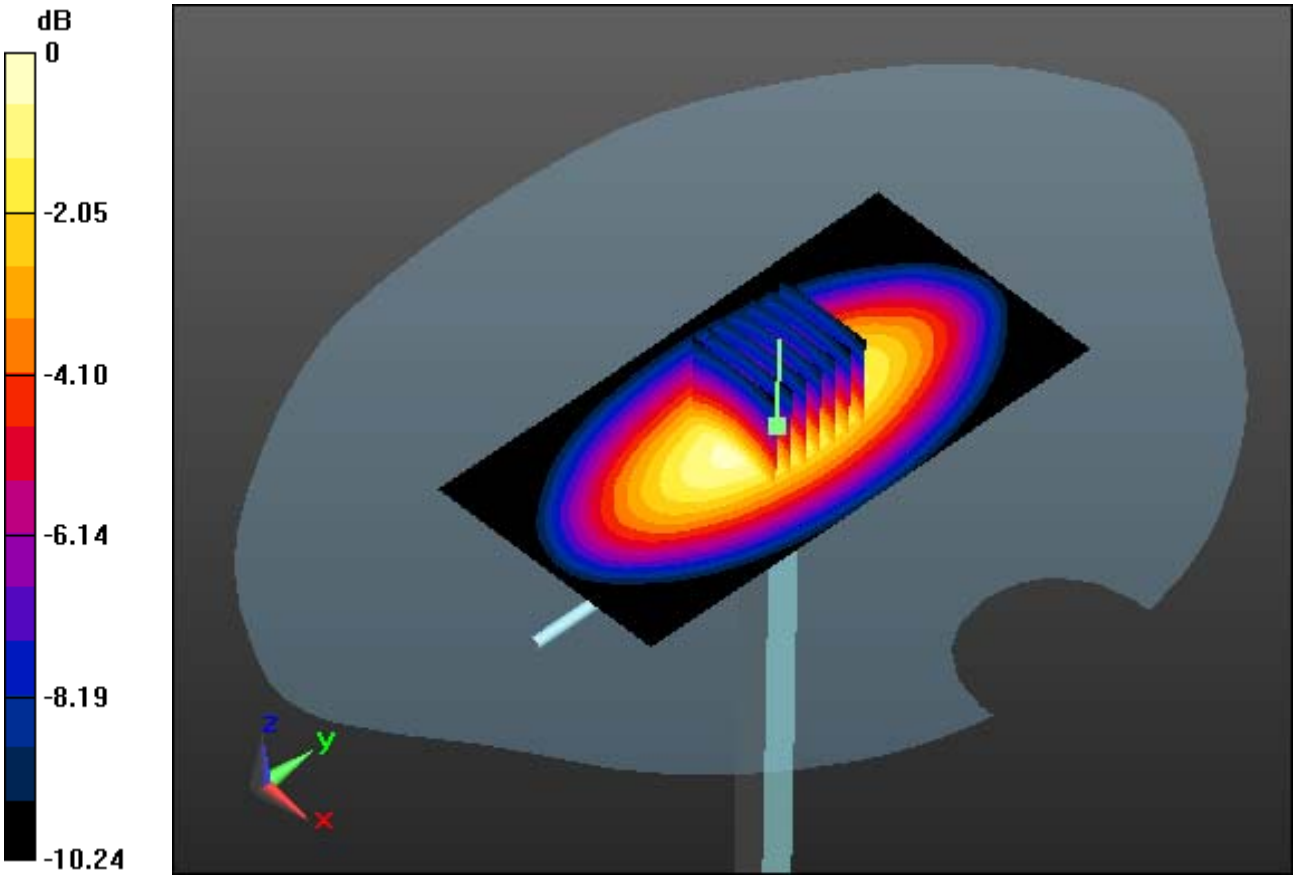
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.897 S/m; ε_r = 42.862; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-02-25; Ambient Temp: 21.1; Tissue Temp:21.5

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.47 W/kg



0 dB = 2.98 W/kg

DT&C Co., Ltd.

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

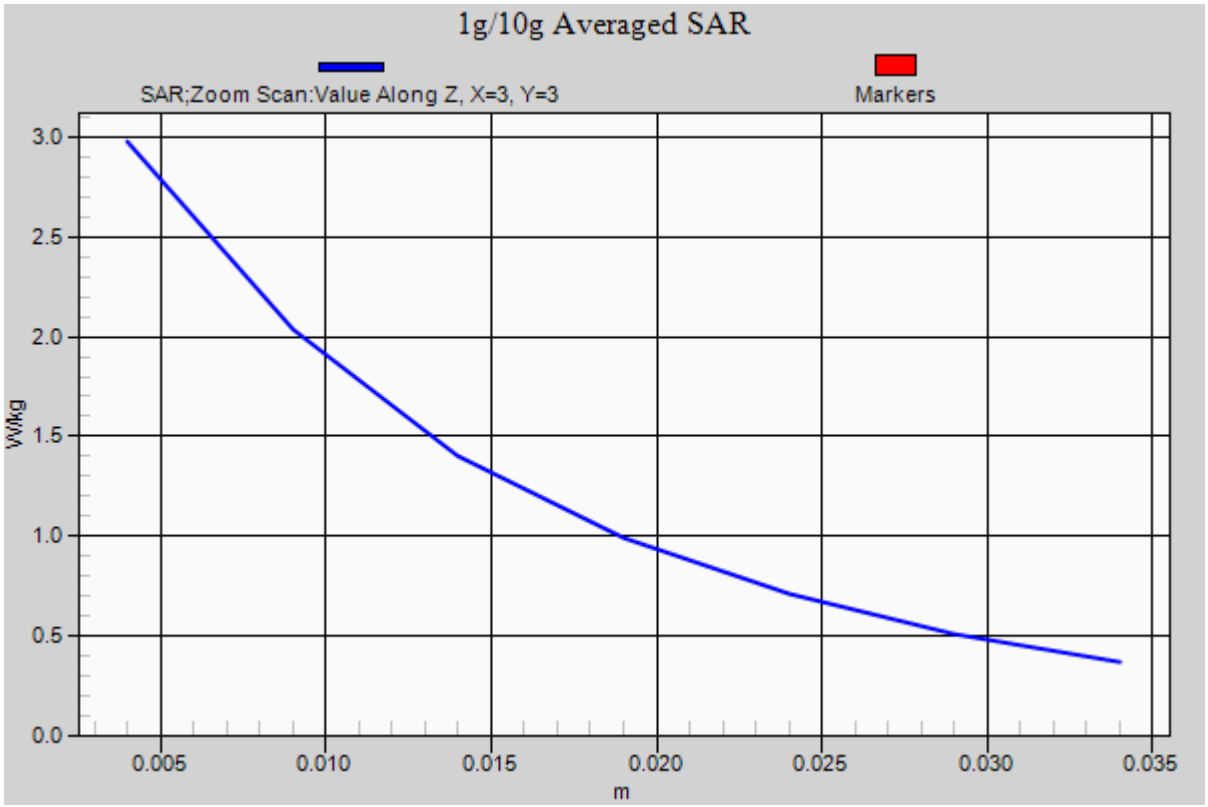
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.897 S/m; ε_r = 42.862; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-02-25; Ambient Temp: 21.1; Tissue Temp:21.5

835 MHz System Verification

Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.47 W/kg



DT&C Co., Ltd.

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

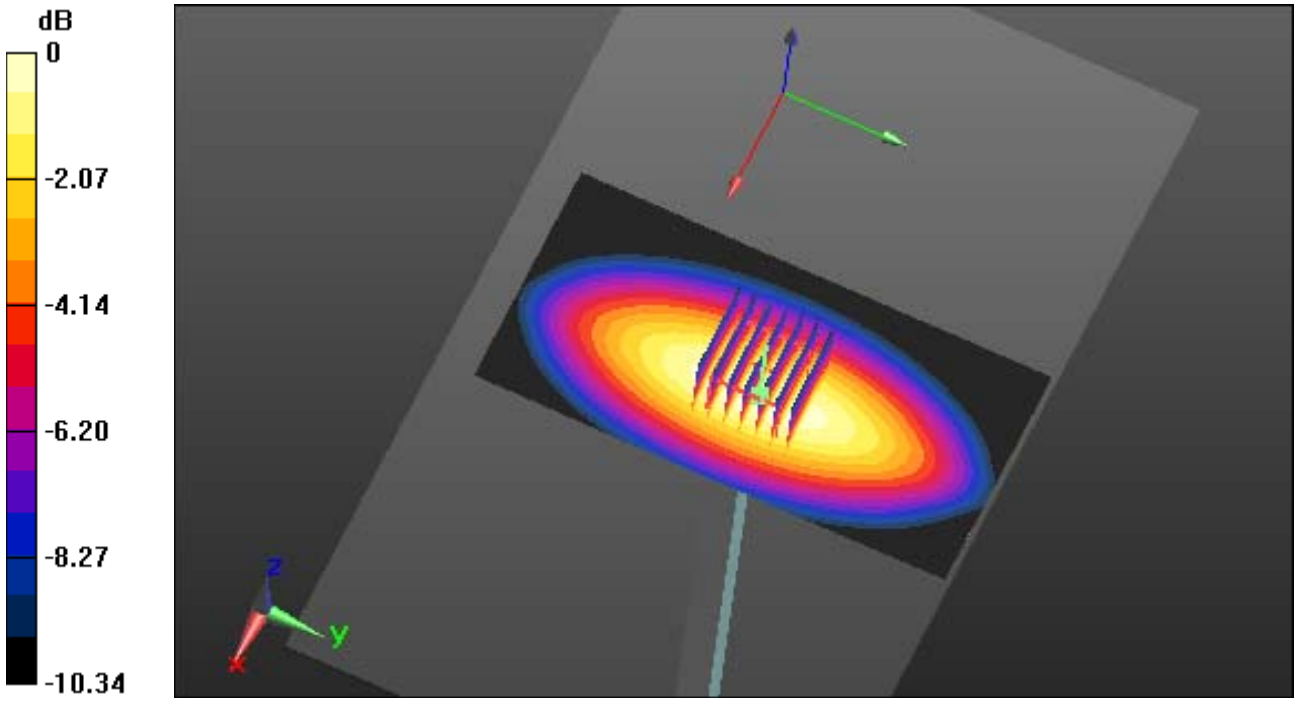
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.965 S/m; ε_r = 53.22; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-25; Ambient Temp: 21.1 Tissue Temp:21.5

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) = 4.08 W/kg
SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.48 W/kg



0 dB = 3.24 W/kg

DT&C Co., Ltd.

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

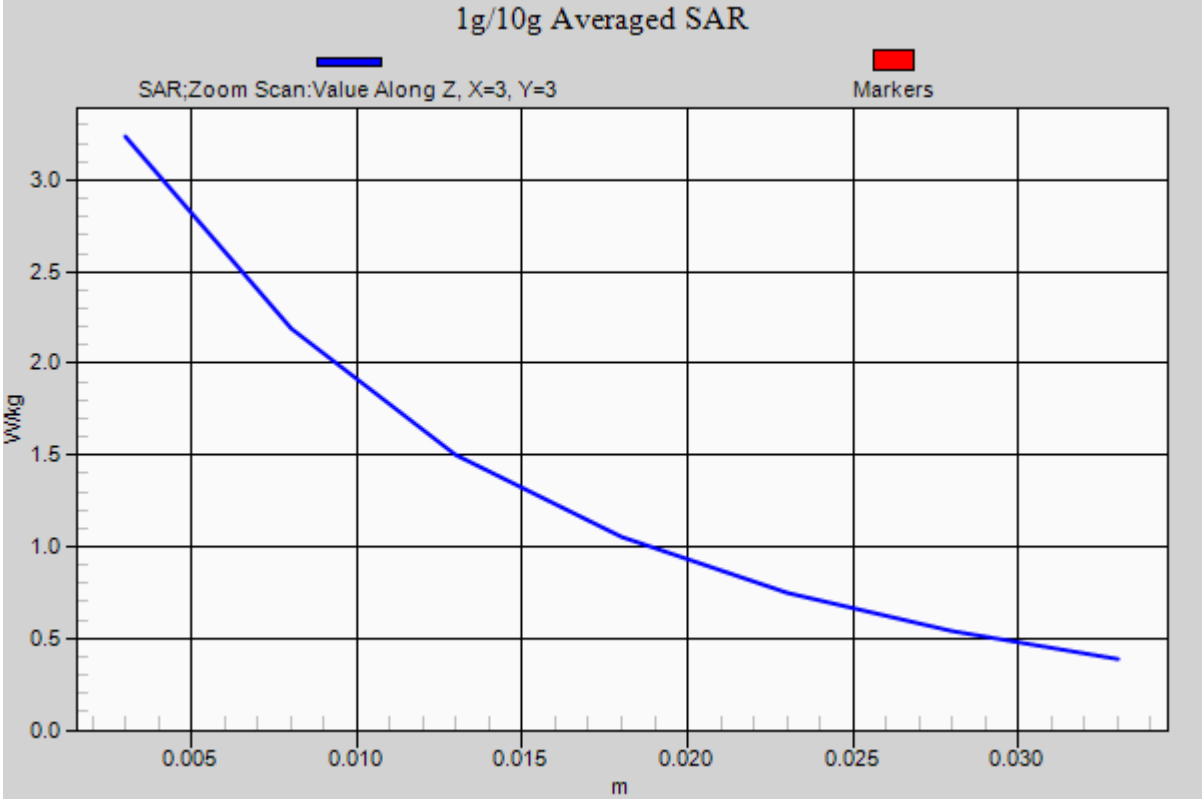
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.965 S/m; ε_r = 53.22; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-25; Ambient Temp: 21.1 Tissue Temp:21.5

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) = 4.08 W/kg
SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.48 W/kg



DT&C Co., Ltd.

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

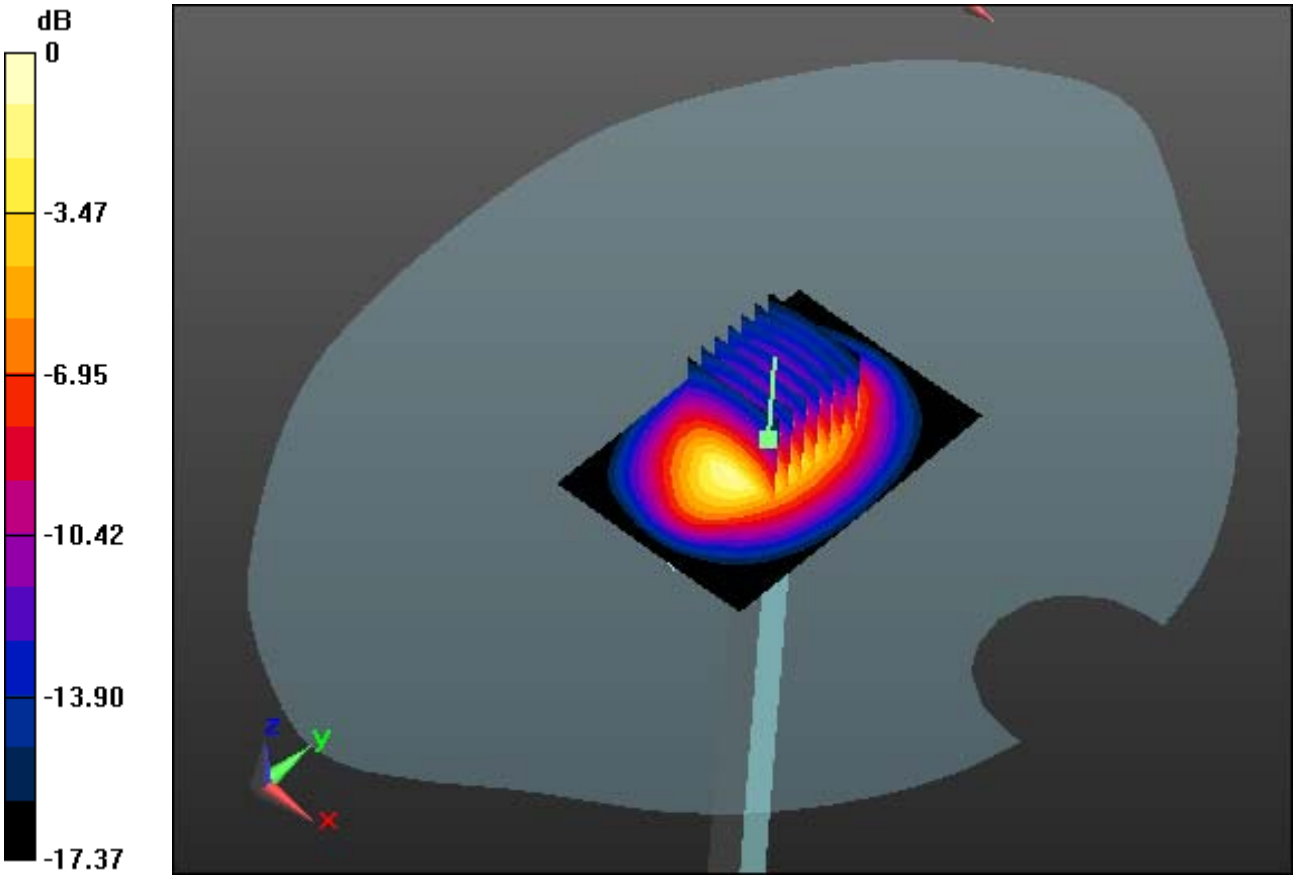
Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.393 S/m; ε_r = 38.704; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 2014-05-20; Electronics: DAE4 Sn1394
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: 2015-03-13; Ambient Temp: 21.7; Tissue Temp:22.1

1800 MHz System Verification

Area Scan (41x61x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.22 W/kg; SAR(10 g) = 4.85 W/kg



0 dB = 12.4 W/kg

DT&C Co., Ltd.

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

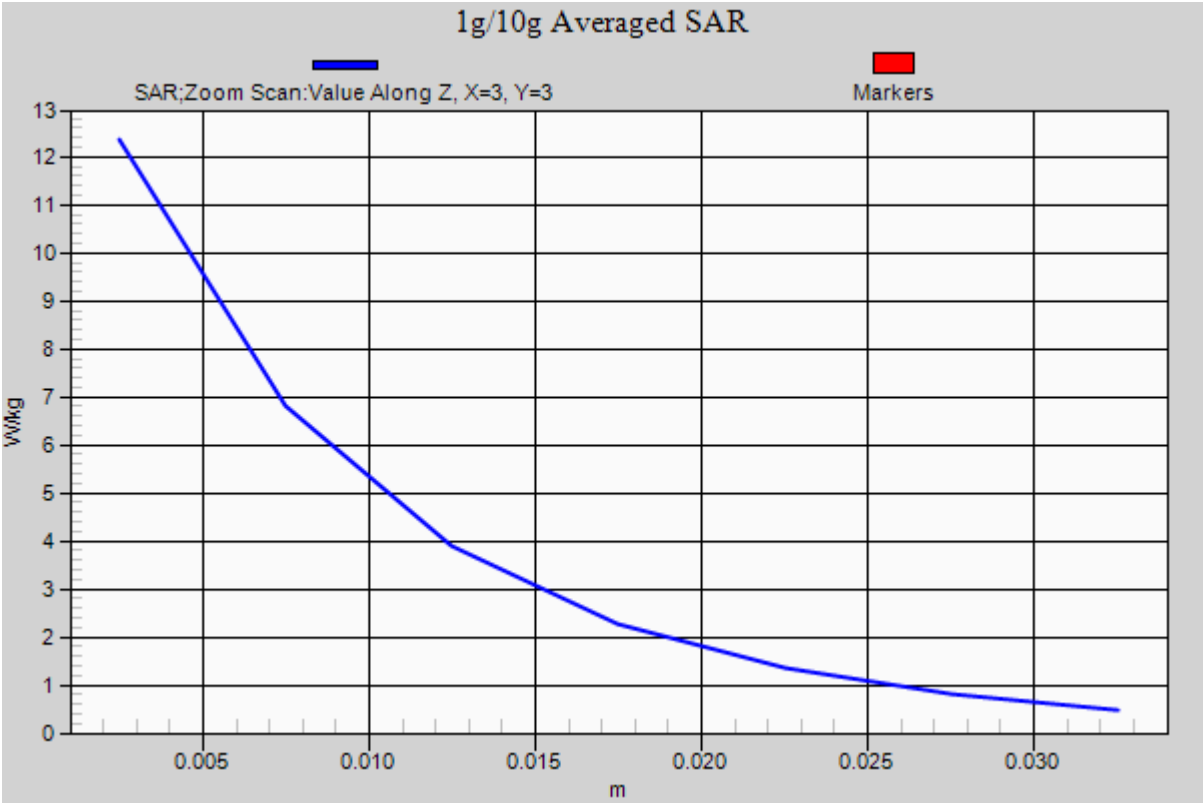
Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.393 S/m; ε_r = 38.704; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 2014-05-20; Electronics: DAE4 Sn1394
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: 2015-03-13; Ambient Temp: 21.7; Tissue Temp:22.1

1800 MHz System Verification

Area Scan (41x61x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.22 W/kg; SAR(10 g) = 4.85 W/kg



DT&C Co., Ltd.

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

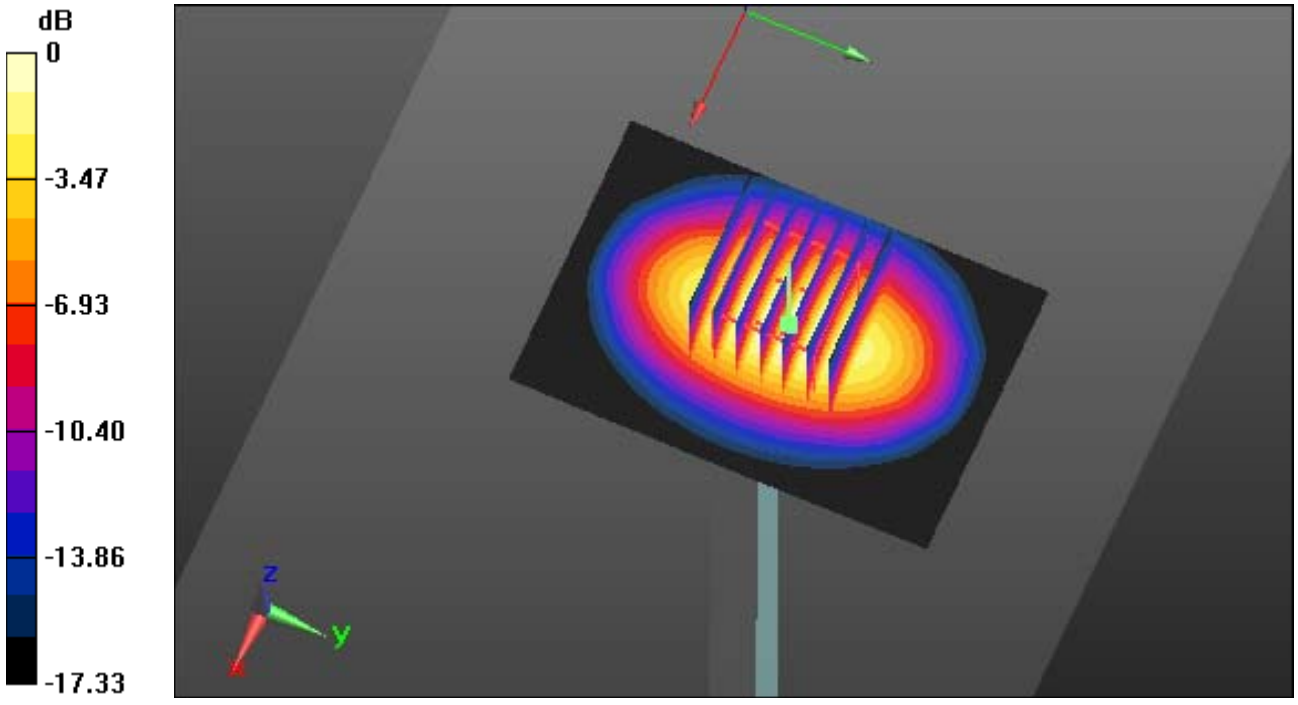
Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.541 S/m; ε_r = 53.95; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.81, 7.81, 7.81); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-13; Ambient Temp: 21.7 Tissue Temp:22.1

1800 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 9.44 W/kg; SAR(10 g) = 4.87 W/kg



0 dB = 12.8 W/kg

DT&C Co., Ltd.

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

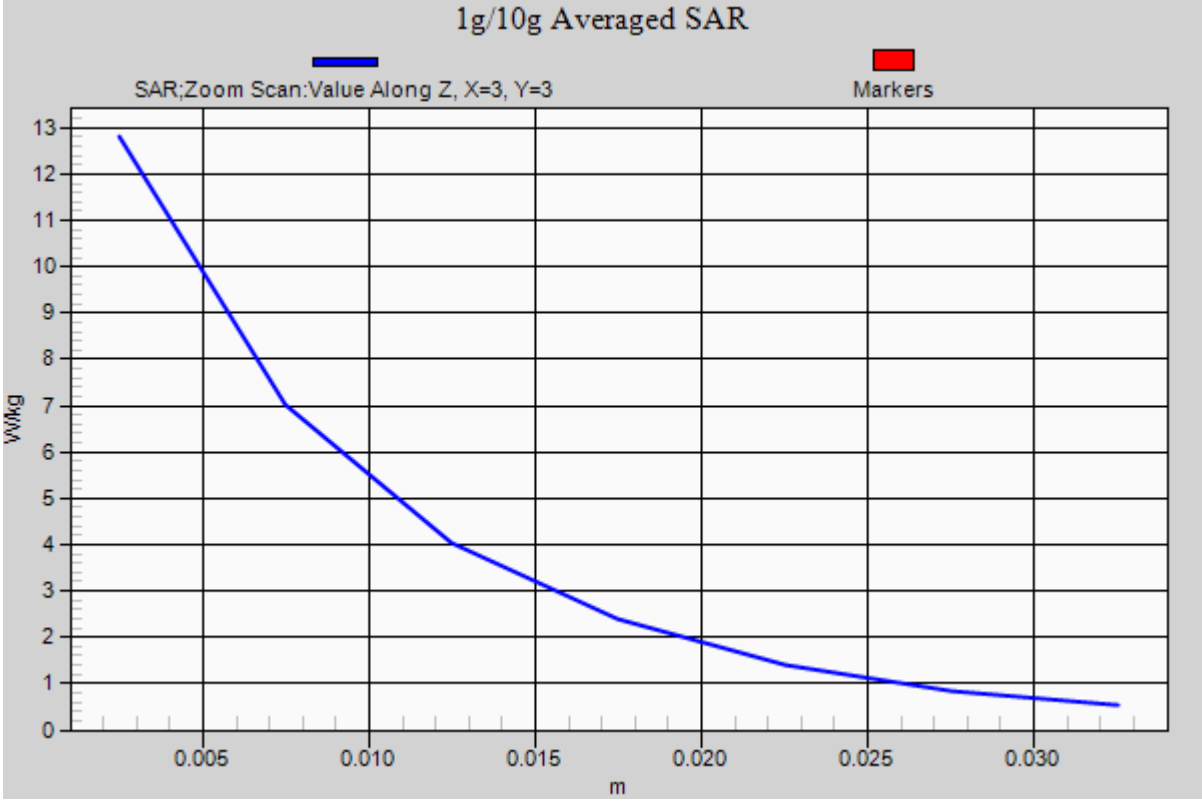
Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.541 S/m; ε_r = 53.95; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.81, 7.81, 7.81); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-13; Ambient Temp: 21.7 Tissue Temp:22.1

1800 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 9.44 W/kg; SAR(10 g) = 4.87 W/kg



DT&C Co., Ltd.

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

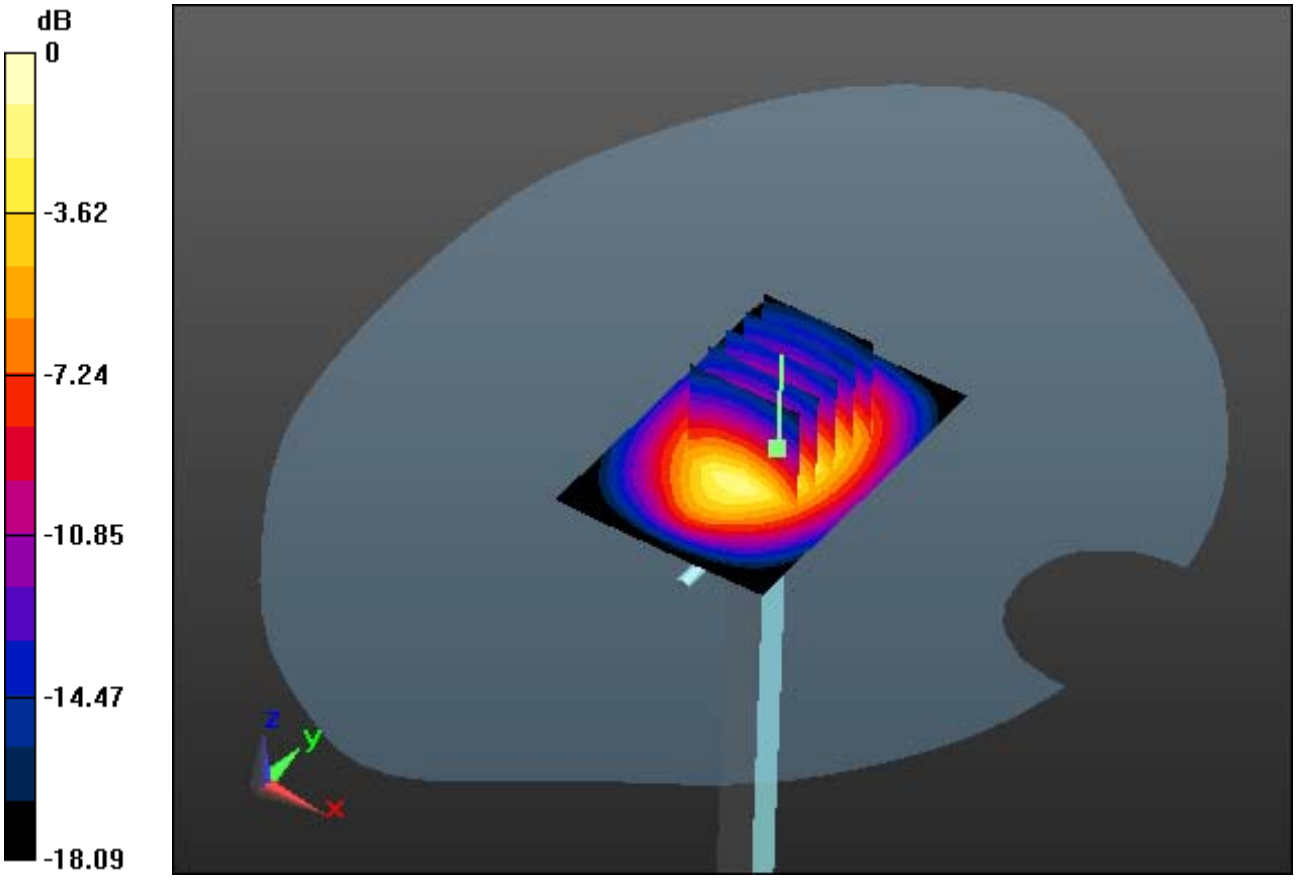
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.413 S/m; ε_r = 39.22; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-02-26; Ambient Temp: 21.4; Tissue Temp:21.8

1900 MHz System Verification

Area Scan (41x61x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.35 W/kg



0 dB = 12.7 W/kg

DT&C Co., Ltd.

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

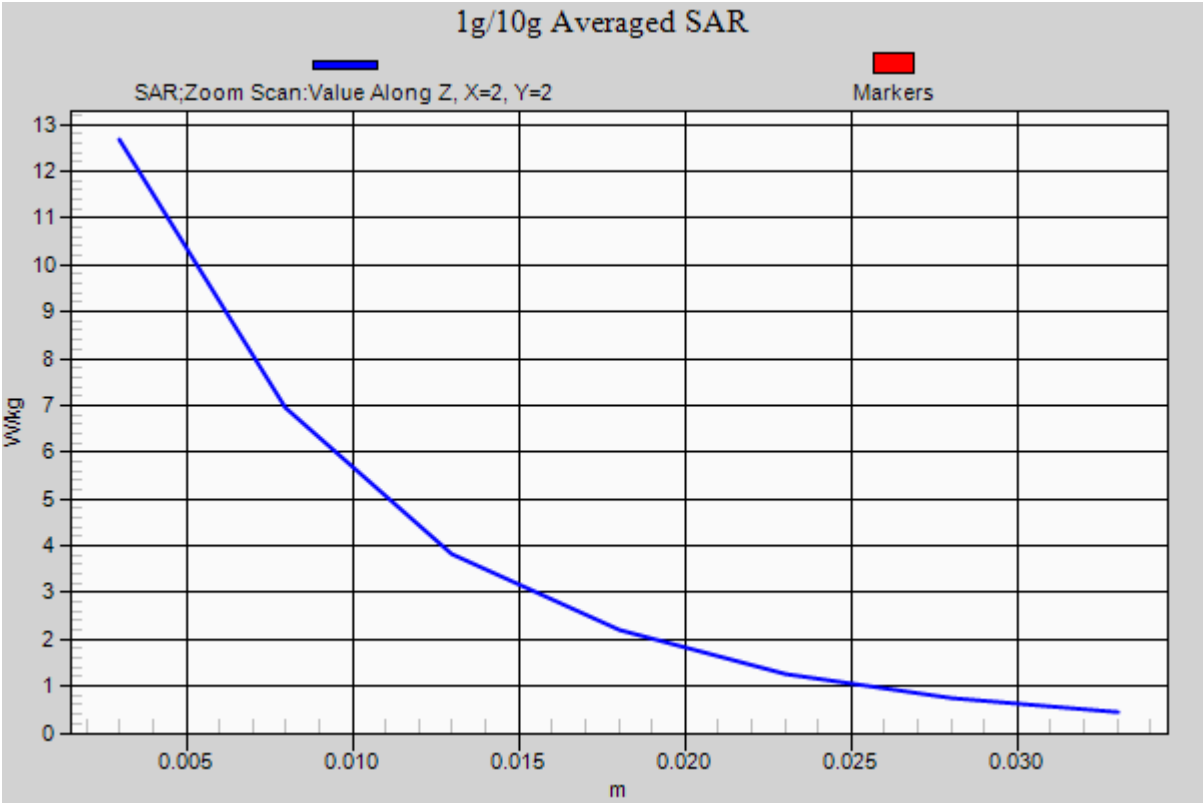
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.413 S/m; ε_r = 39.22; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-02-26; Ambient Temp: 21.4; Tissue Temp:21.8

1900 MHz System Verification

Area Scan (41x61x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.35 W/kg



DT&C Co., Ltd.

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

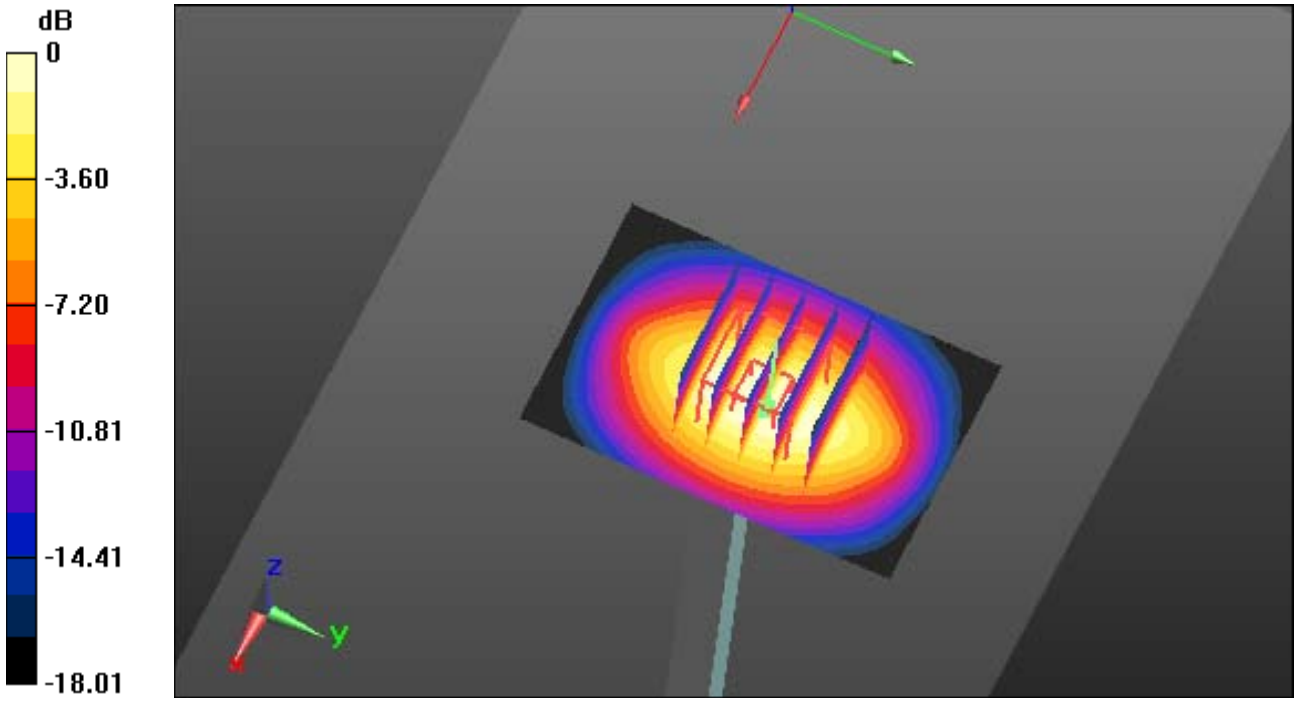
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.562 S/m; ε_r = 51.343; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4 Tissue Temp:21.8

1900 MHz System Verification

Area Scan (41x61x1): 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) = 19.8 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.38 W/kg



0 dB = 14.9 W/kg

DT&C Co., Ltd.

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

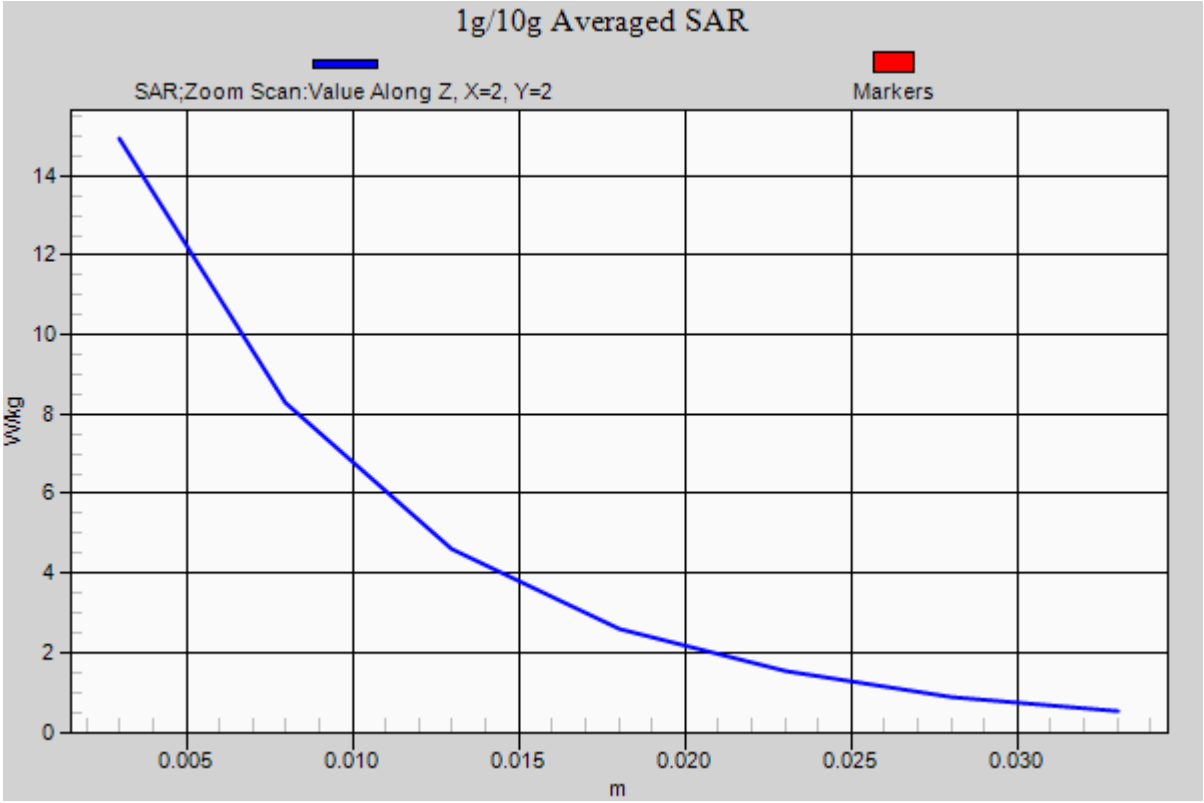
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.562 S/m; ε_r = 51.343; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4 Tissue Temp:21.8

1900 MHz System Verification

Area Scan (41x61x1): 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) = 19.8 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.38 W/kg



DT&C Co., Ltd.

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

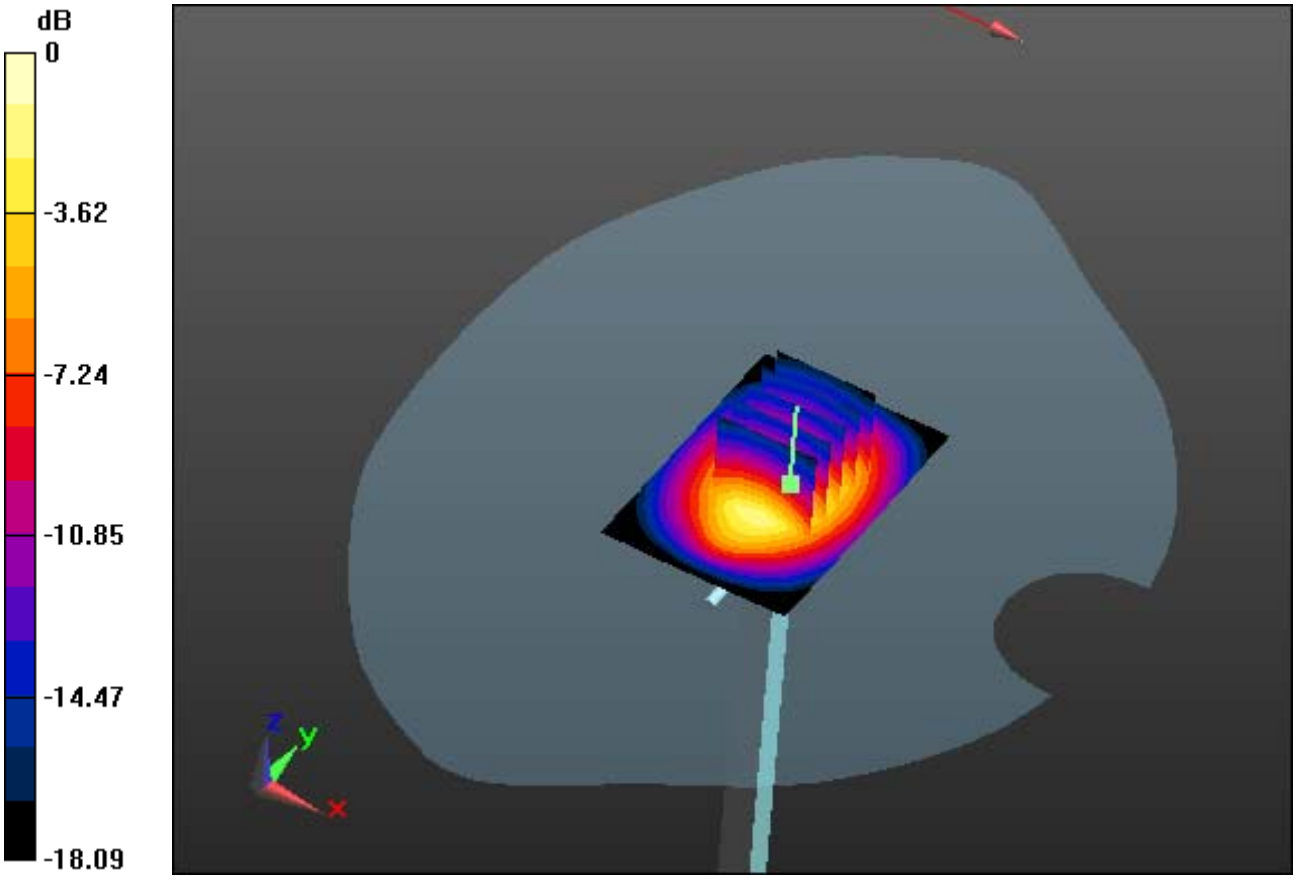
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.39 S/m; ε_r = 39.016; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-03-06; Ambient Temp: 21.4; Tissue Temp:22.0

1900 MHz System Verification

Area Scan (41x61x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.93 W/kg; SAR(10 g) = 5.26 W/kg



0 dB = 12.5 W/kg

DT&C Co., Ltd.

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

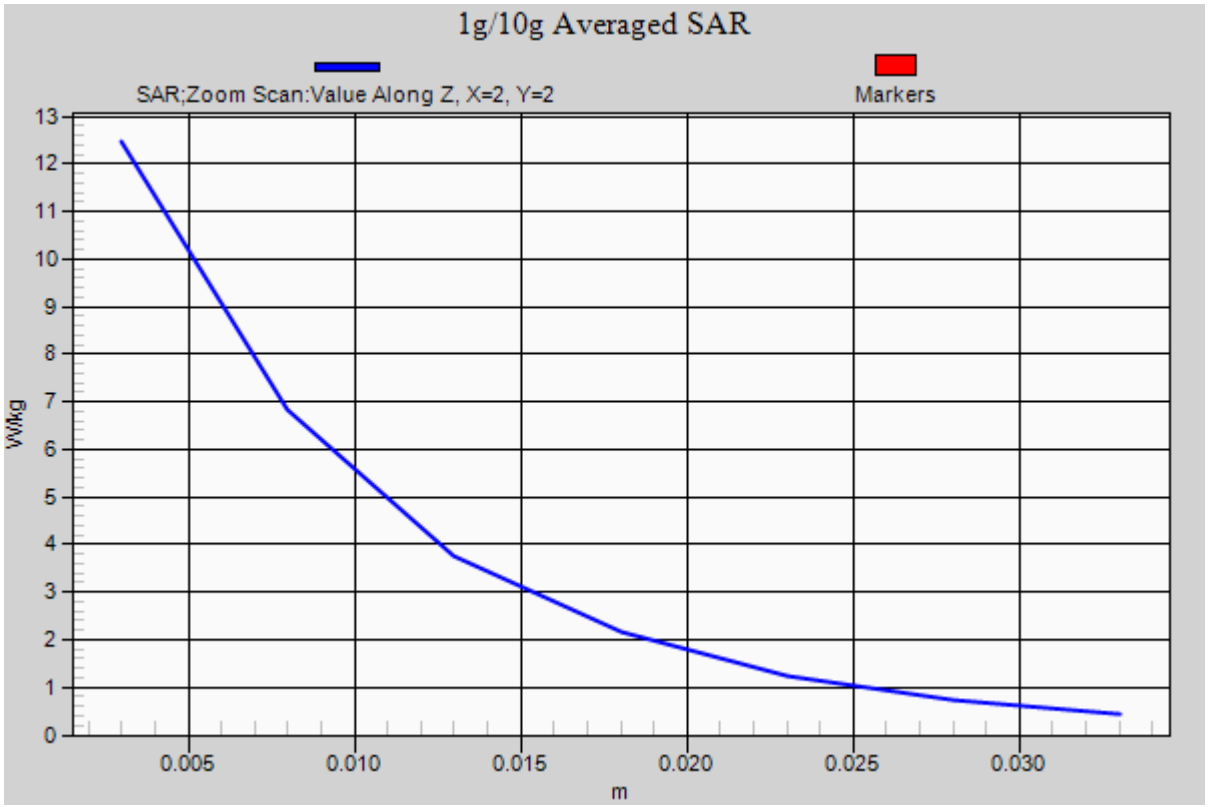
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.39 S/m; ε_r = 39.016; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-03-06; Ambient Temp: 21.4; Tissue Temp:22.0

1900 MHz System Verification

Area Scan (41x61x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.93 W/kg; SAR(10 g) = 5.26 W/kg



DT&C Co., Ltd.

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

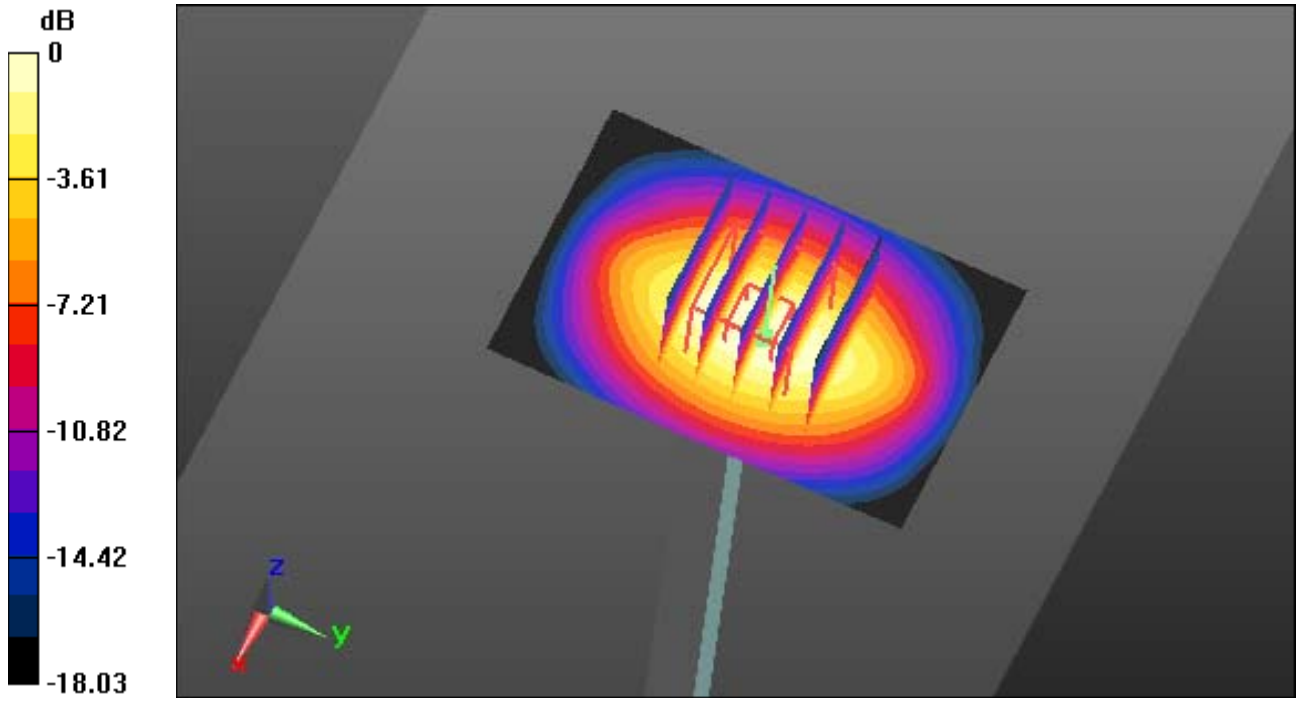
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.568 S/m; ε_r = 52.052; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-06; Ambient Temp: 21.4 Tissue Temp:22.0

1900 MHz System Verification

Area Scan (41x61x1): 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) = 18.2 W/kg
SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.23 W/kg



0 dB = 15.0 W/kg

DT&C Co., Ltd.

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

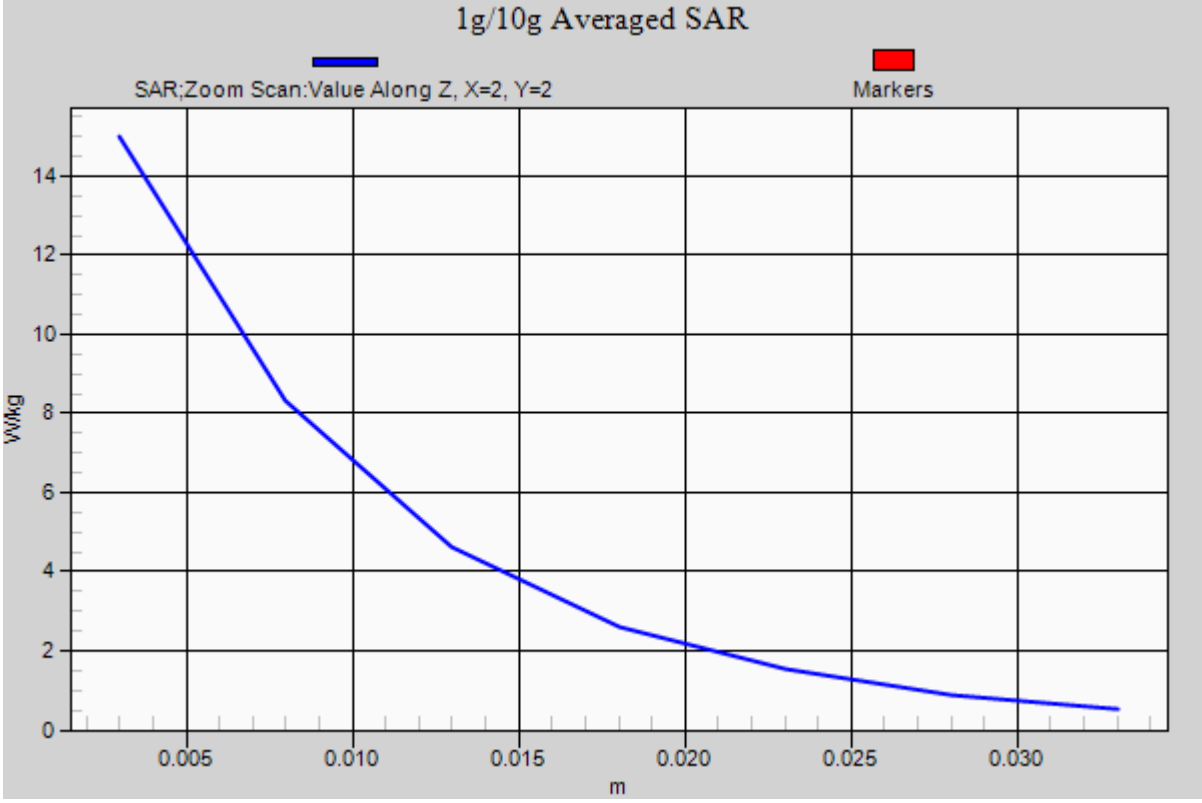
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.568 S/m; ε_r = 52.052; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-06; Ambient Temp: 21.4 Tissue Temp:22.0

1900 MHz System Verification

Area Scan (41x61x1): 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) = 18.2 W/kg
SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.23 W/kg



DT&C Co., Ltd.

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

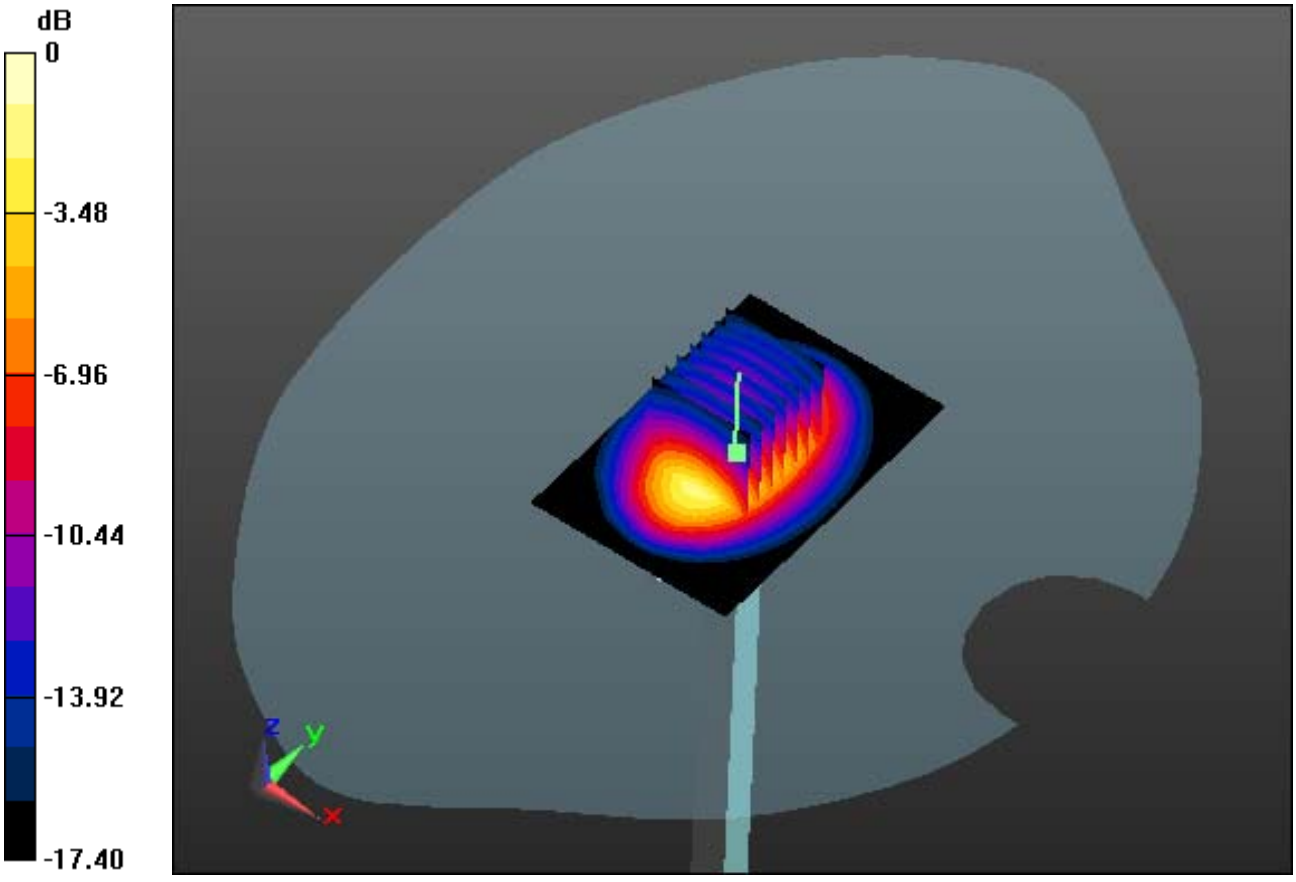
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.426 S/m; ε_r = 39.657; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.57, 7.57, 7.57); Calibrated: 2014-05-20; Electronics: DAE4 Sn1394
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: 2015-03-04; Ambient Temp: 21.1; Tissue Temp:21.6

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 9.79 W/kg; SAR(10 g) = 5.1 W/kg



0 dB = 13.3 W/kg

DT&C Co., Ltd.

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

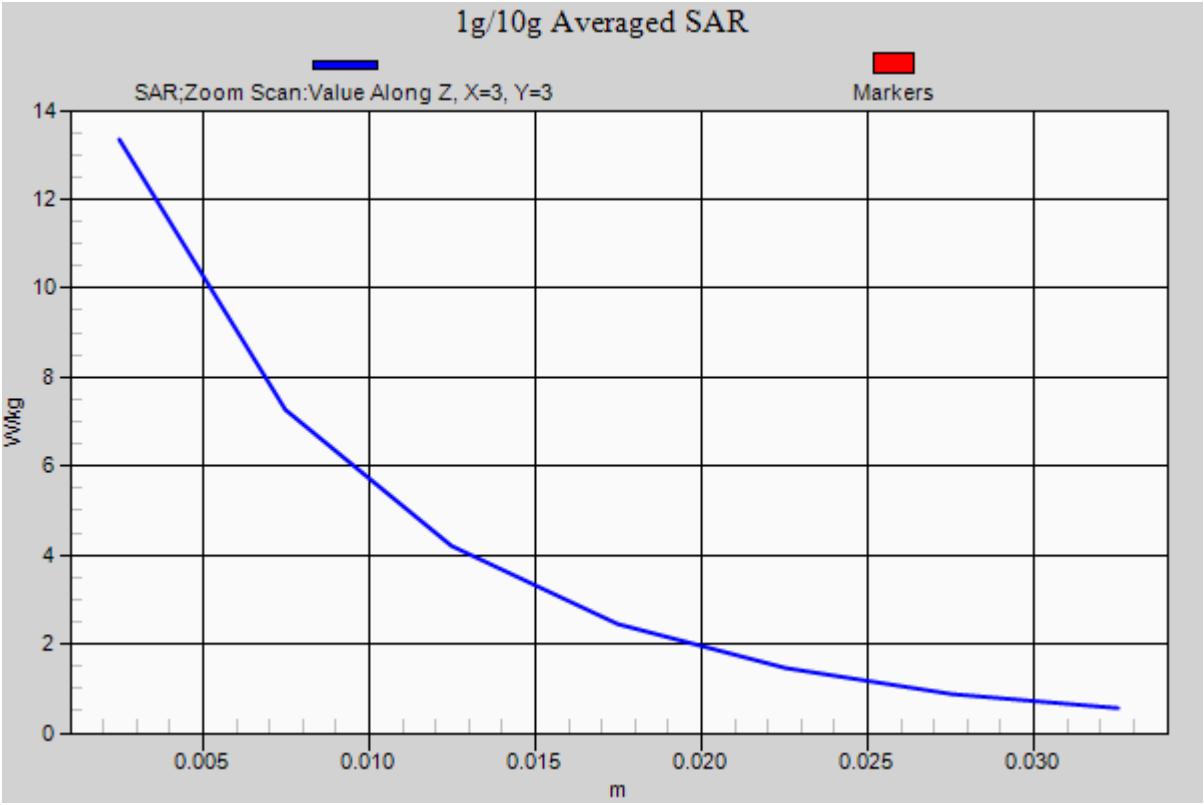
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.426 S/m; ε_r = 39.657; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.57, 7.57, 7.57); Calibrated: 2014-05-20; Electronics: DAE4 Sn1394
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: 2015-03-04; Ambient Temp: 21.1; Tissue Temp:21.6

1900 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 9.79 W/kg; SAR(10 g) = 5.1 W/kg



DT&C Co., Ltd.

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

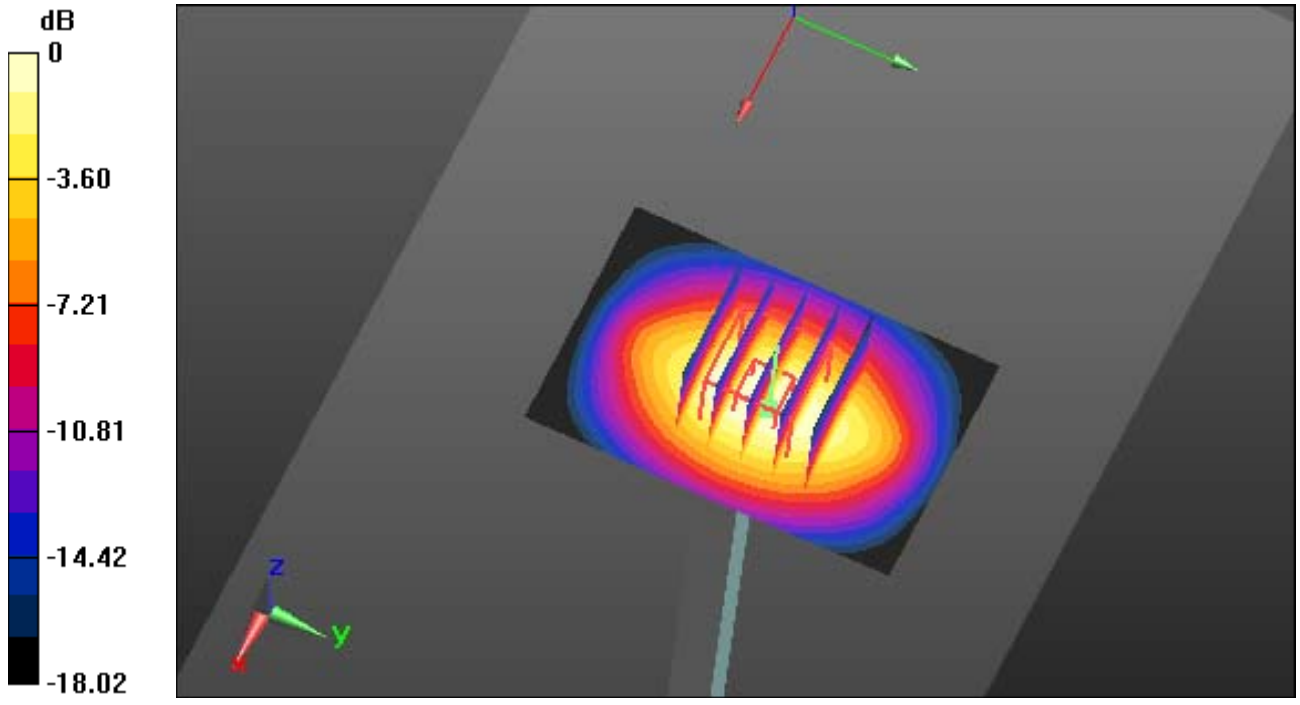
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.538 S/m; ε_r = 51.917; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-04; Ambient Temp: 21.1 Tissue Temp:21.6

1900 MHz System Verification

Area Scan (41x61x1): 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) = 18.8 W/kg
SAR(1 g) = 9.97 W/kg; SAR(10 g) = 5.23 W/kg



0 dB = 14.2 W/kg

DT&C Co., Ltd.

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

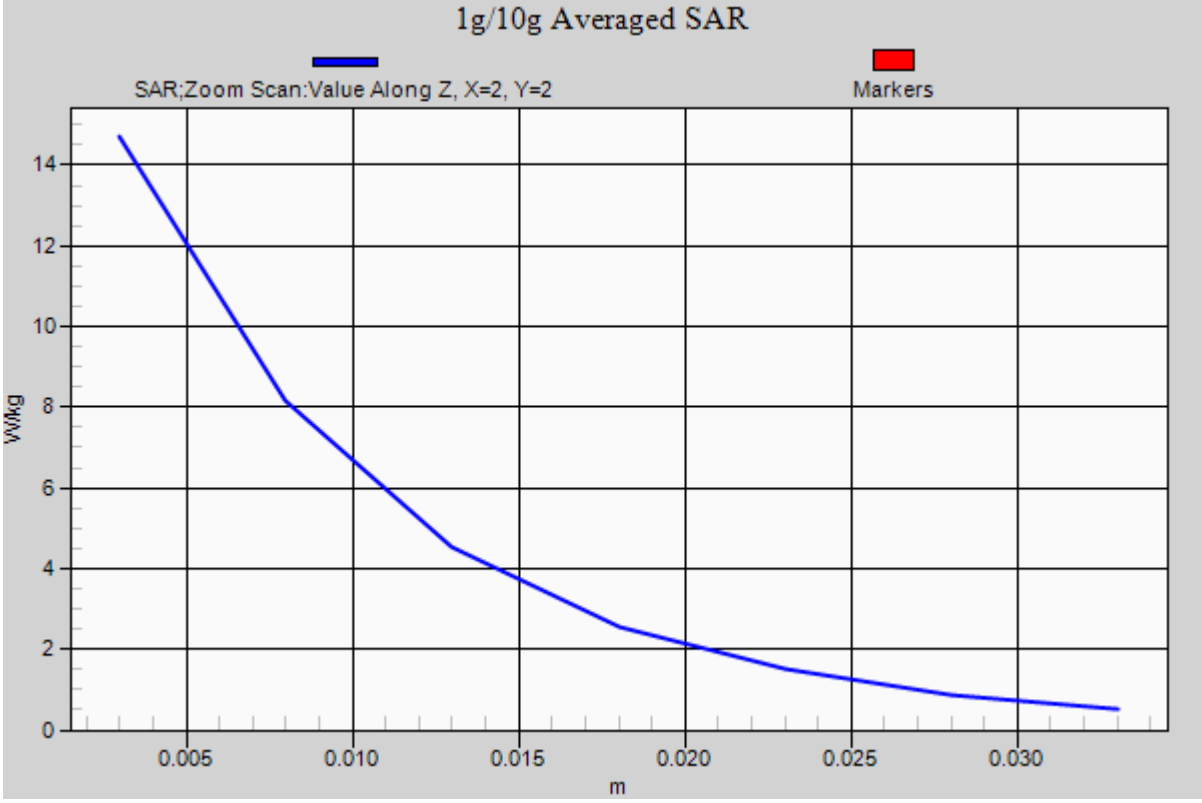
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.538 S/m; ε_r = 51.917; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-04; Ambient Temp: 21.1 Tissue Temp:21.6

1900 MHz System Verification

Area Scan (41x61x1): 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) = 18.8 W/kg
SAR(1 g) = 9.97 W/kg; SAR(10 g) = 5.23 W/kg



DT&C Co., Ltd.

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

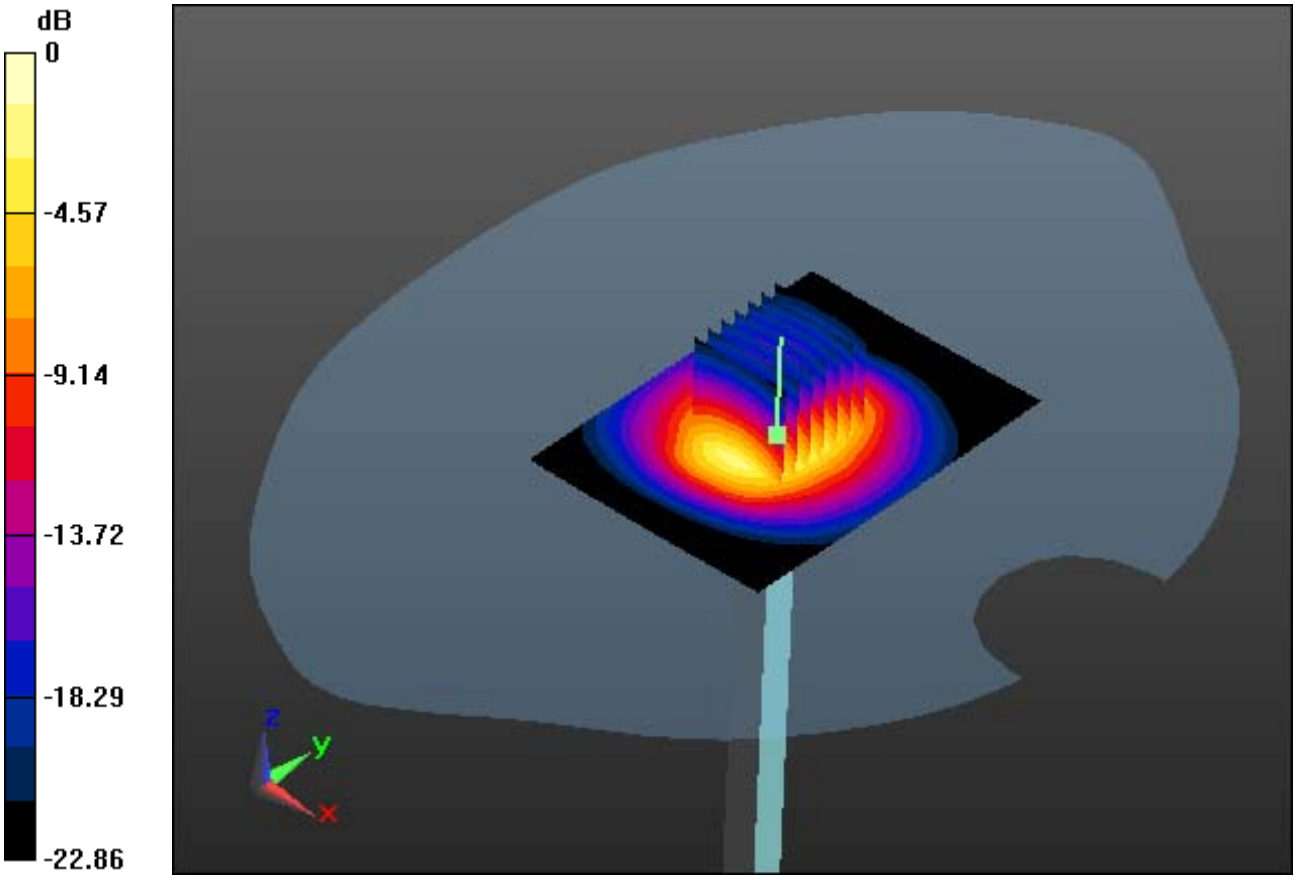
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.833 S/m; ε_r = 39.566; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-02-27; Ambient Temp: 21.0; Tissue Temp:21.4

2450 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.33 W/kg



0 dB = 18.0 W/kg

DT&C Co., Ltd.

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

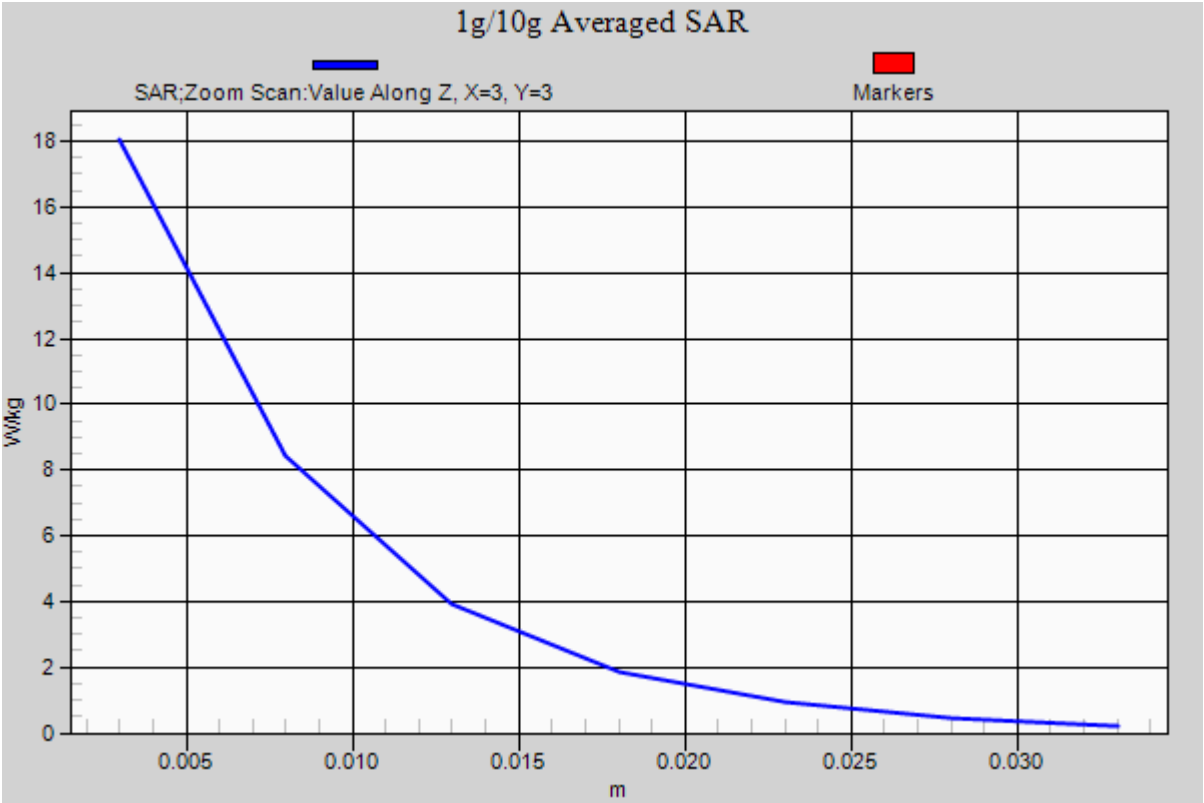
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.833 S/m; ε_r = 39.566; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 2014-08-22; Electronics: DAE4 Sn1394
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: 2015-02-27; Ambient Temp: 21.0; Tissue Temp:21.4

2450 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.33 W/kg



DT&C Co., Ltd.

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

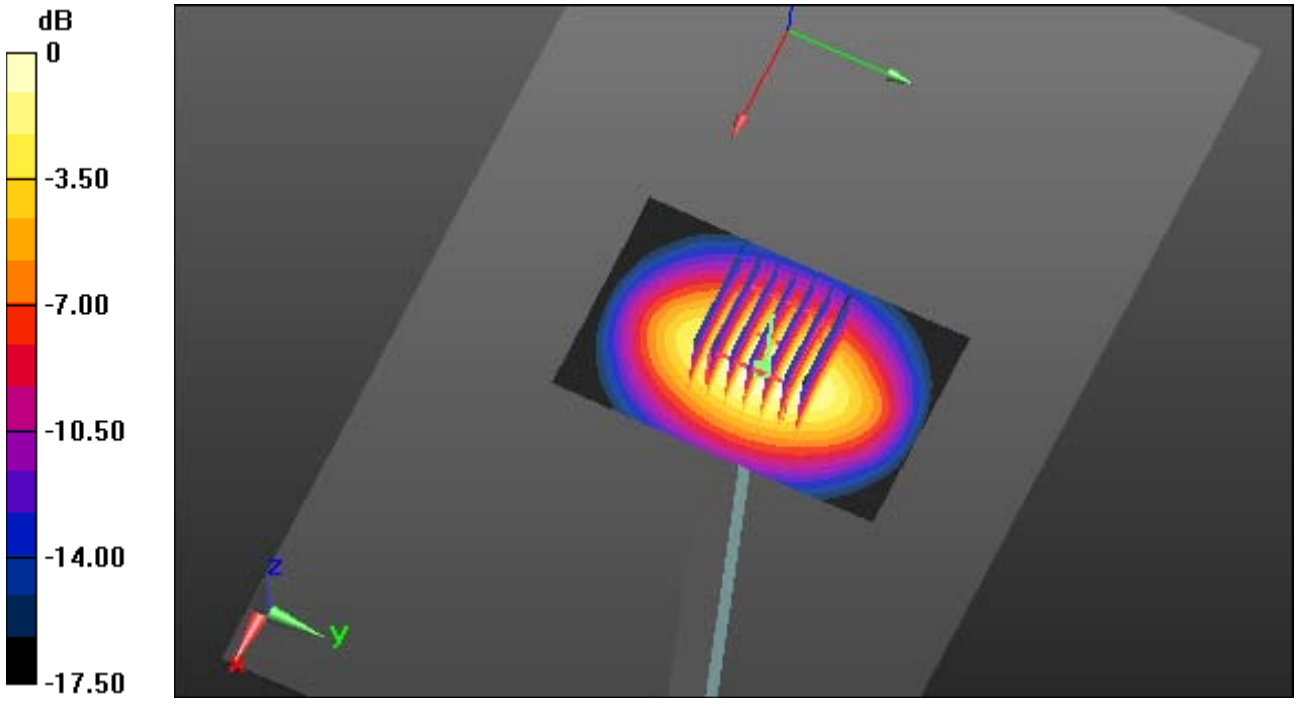
Communication System: CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.008 S/m; ε_r = 51.86; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-27; Ambient Temp: 21.0 Tissue Temp:21.4

2450 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 26.4 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.33 W/kg



0 dB = 17.3 W/kg

DT&C Co., Ltd.

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

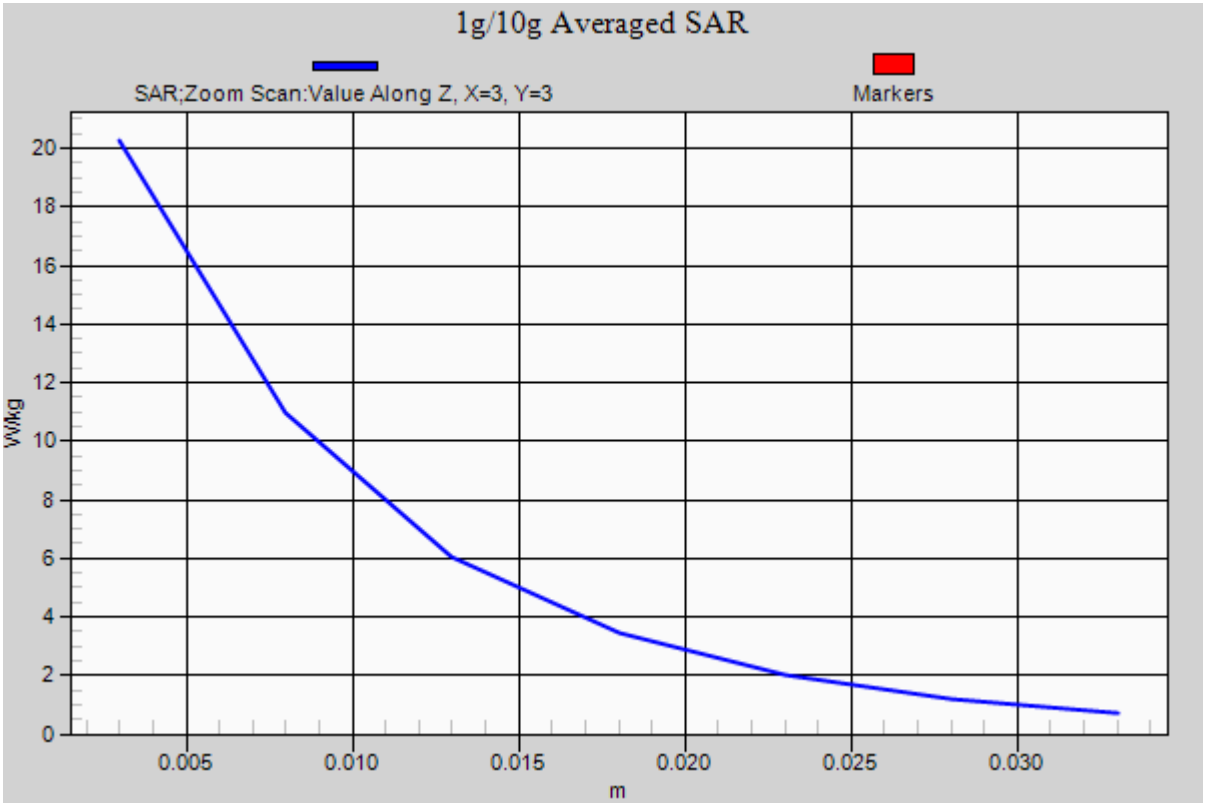
Communication System: CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.008 S/m; ε_r = 51.86; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-27; Ambient Temp: 21.0 Tissue Temp:21.4

2450 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 26.4 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.33 W/kg



DT&C Co., Ltd.

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

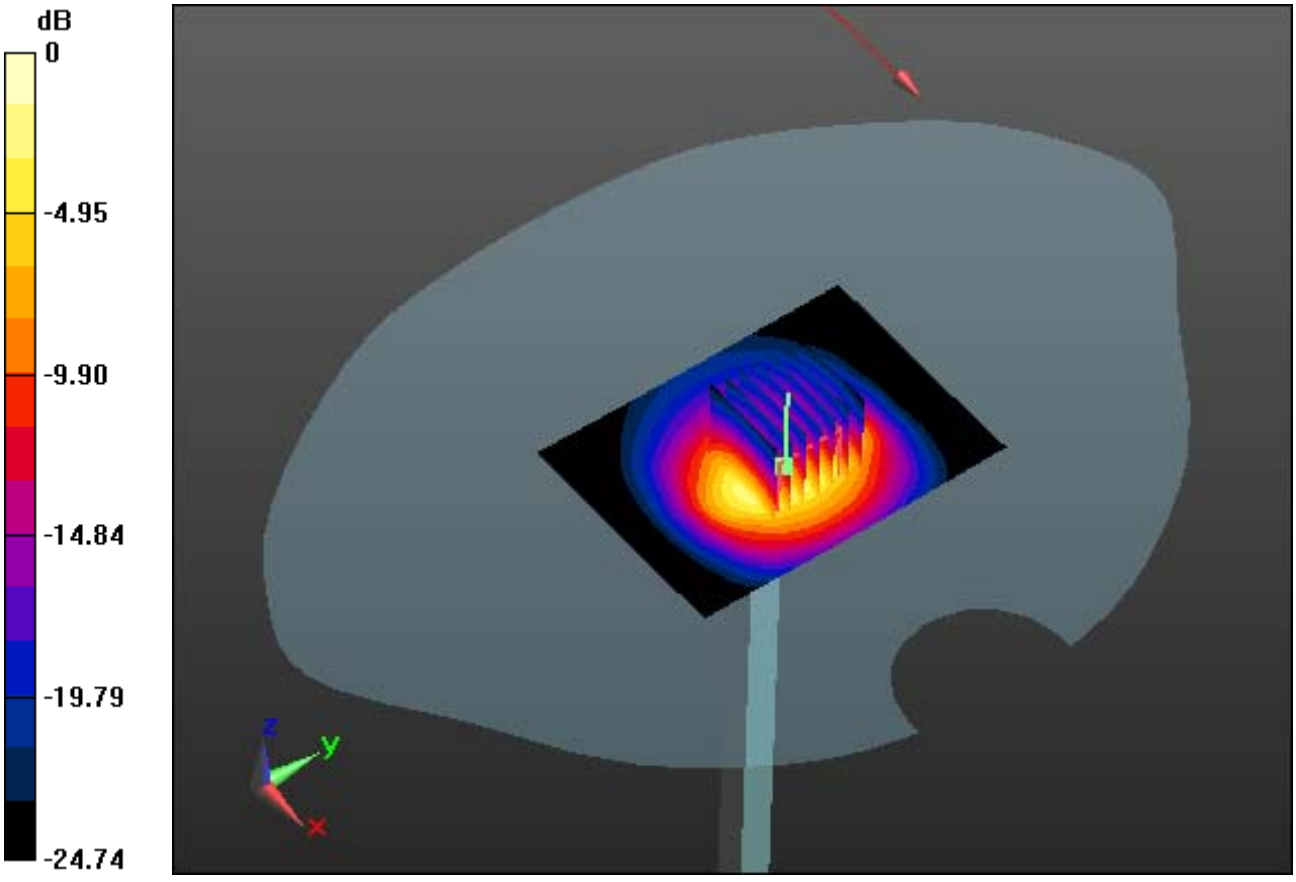
Communication System: CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.972 S/m; ε_r = 39.556; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.73, 6.73, 6.73); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
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: 2015-03-21; Ambient Temp: 22.2; Tissue Temp:22.7

2600 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.18 W/kg



0 dB = 18.6 W/kg

DT&C Co., Ltd.

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

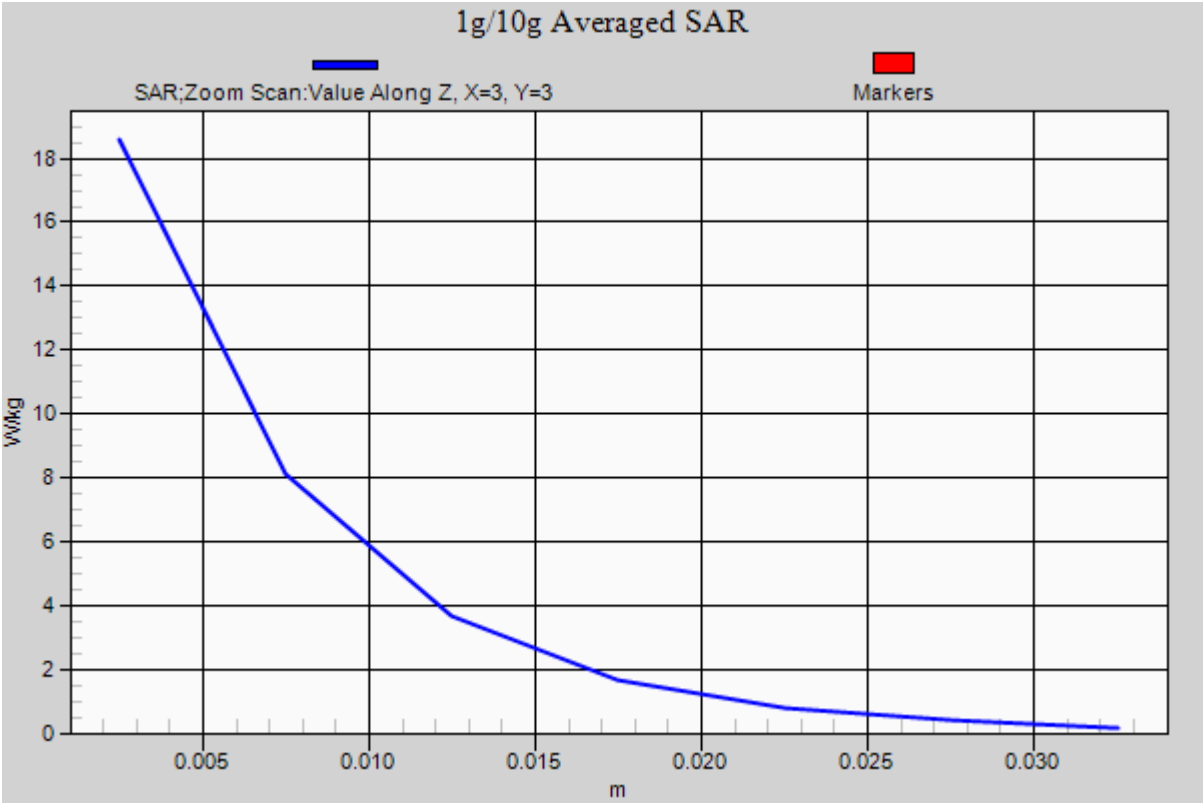
Communication System: CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.972 S/m; ε_r = 39.556; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.73, 6.73, 6.73); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
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: 2015-03-21; Ambient Temp: 22.2; Tissue Temp:22.7

2600 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.18 W/kg



DT&C Co., Ltd.

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

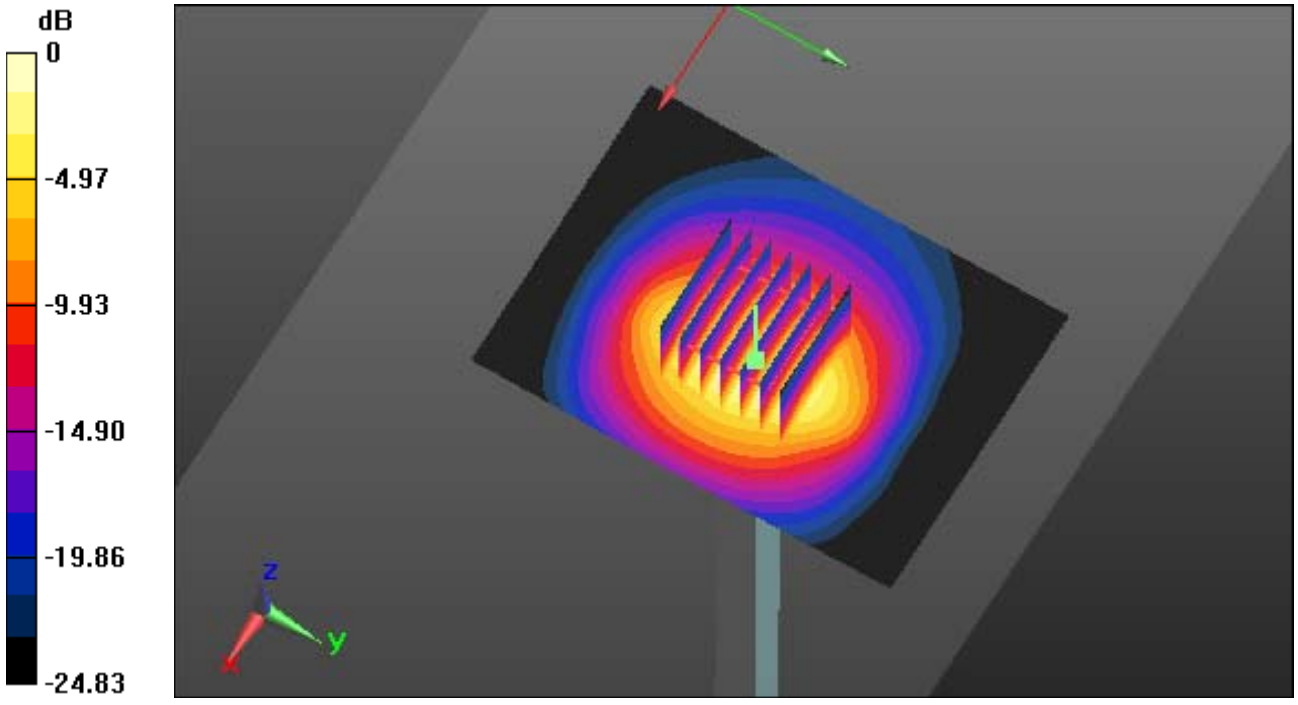
Communication System: CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.132 S/m; ε_r = 51.024; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.74, 6.74, 6.74); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-21; Ambient Temp: 22.2 Tissue Temp:22.7

2600 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 32.2 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.07 W/kg



0 dB = 20.0 W/kg

DT&C Co., Ltd.

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

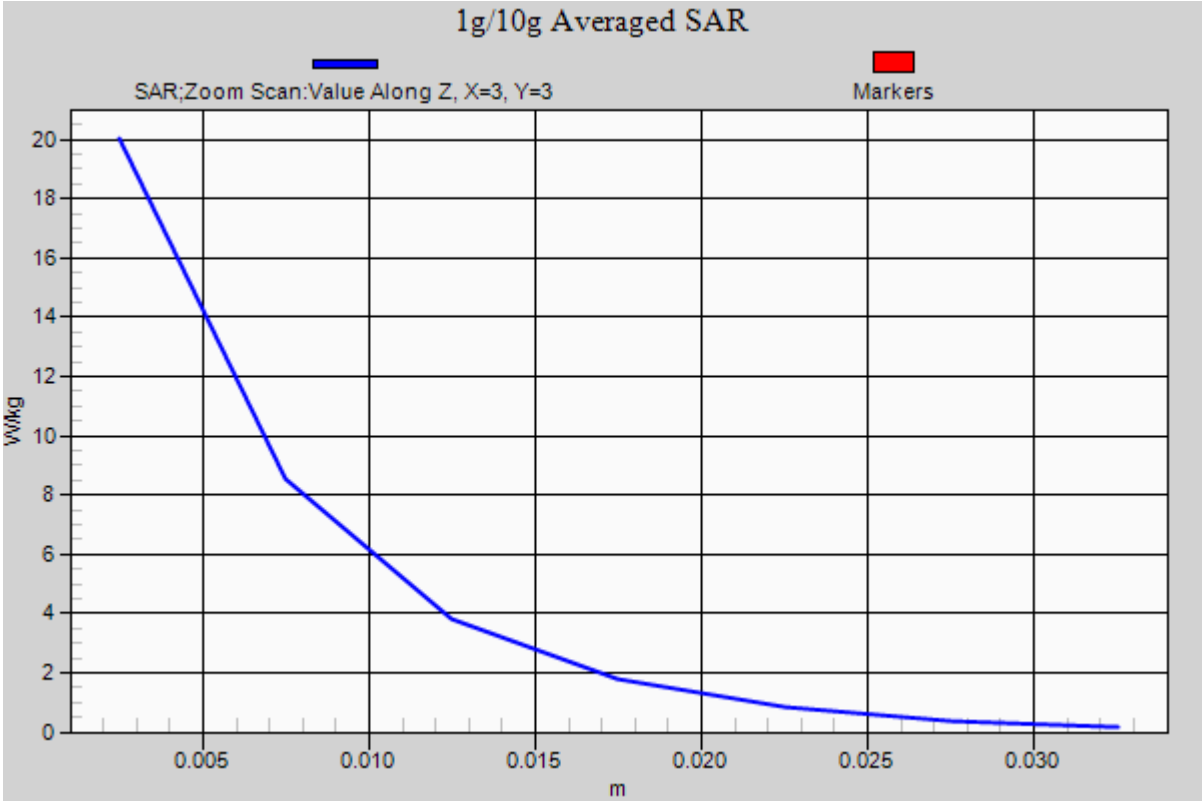
Communication System: CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.132 S/m; ε_r = 51.024; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.74, 6.74, 6.74); Calibrated: 5/20/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-21; Ambient Temp: 22.2 Tissue Temp:22.7

2600 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 32.2 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.07 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

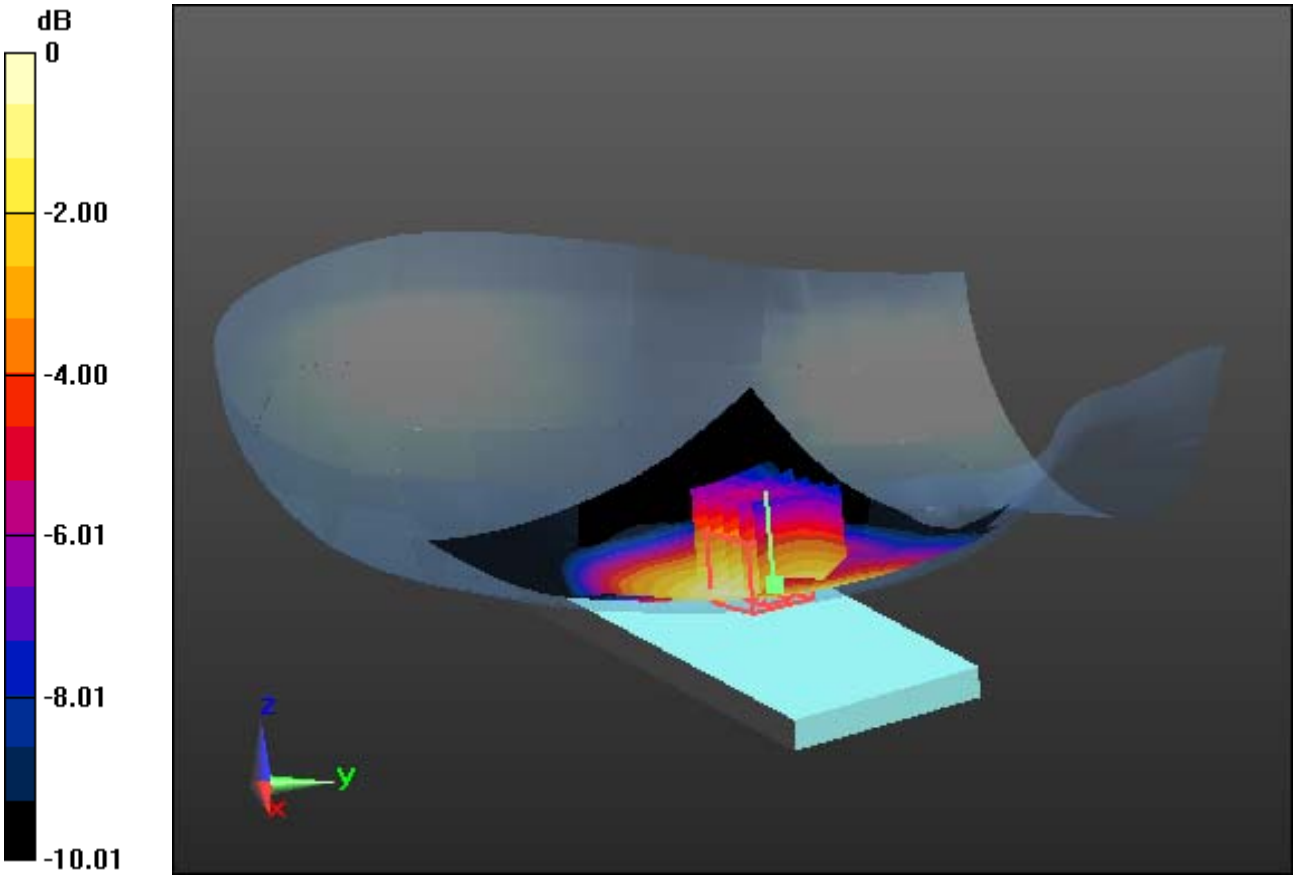
Communication System: GSM 850_12 (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.912 S/m; ε_r = 40.074; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-02-24; Ambient Temp: 21.5; Tissue Temp: 22.0

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

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.716 W/kg
SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.437 W/kg



0 dB = 0.631 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: GSM 850_12 (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.912 S/m; ε_r = 40.074; ρ = 1000 kg/m^3
Phantom section: Right Section

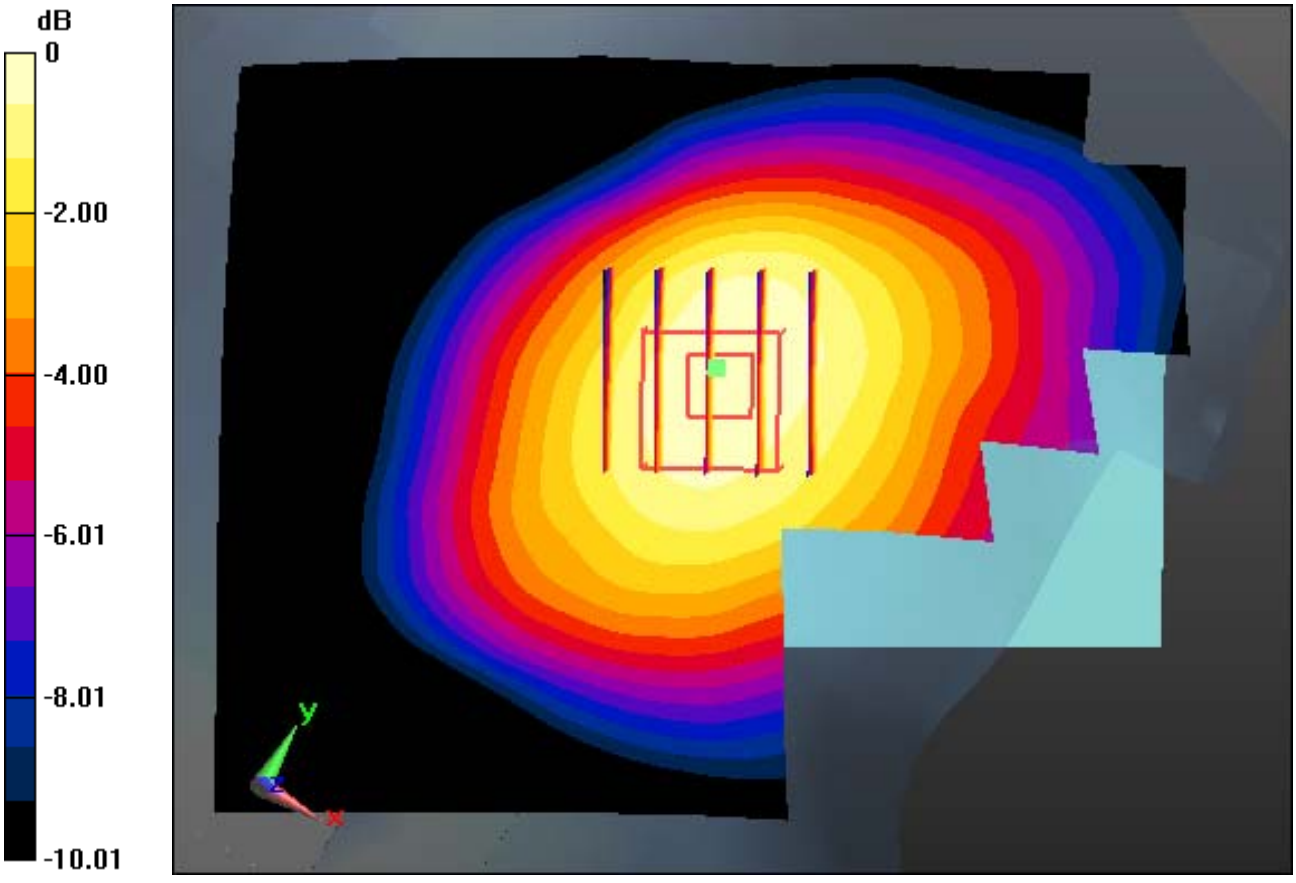
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5; Tissue Temp: 22.0

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

With Enlarge plot image

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.716 W/kg
SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.437 W/kg



0 dB = 0.631 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

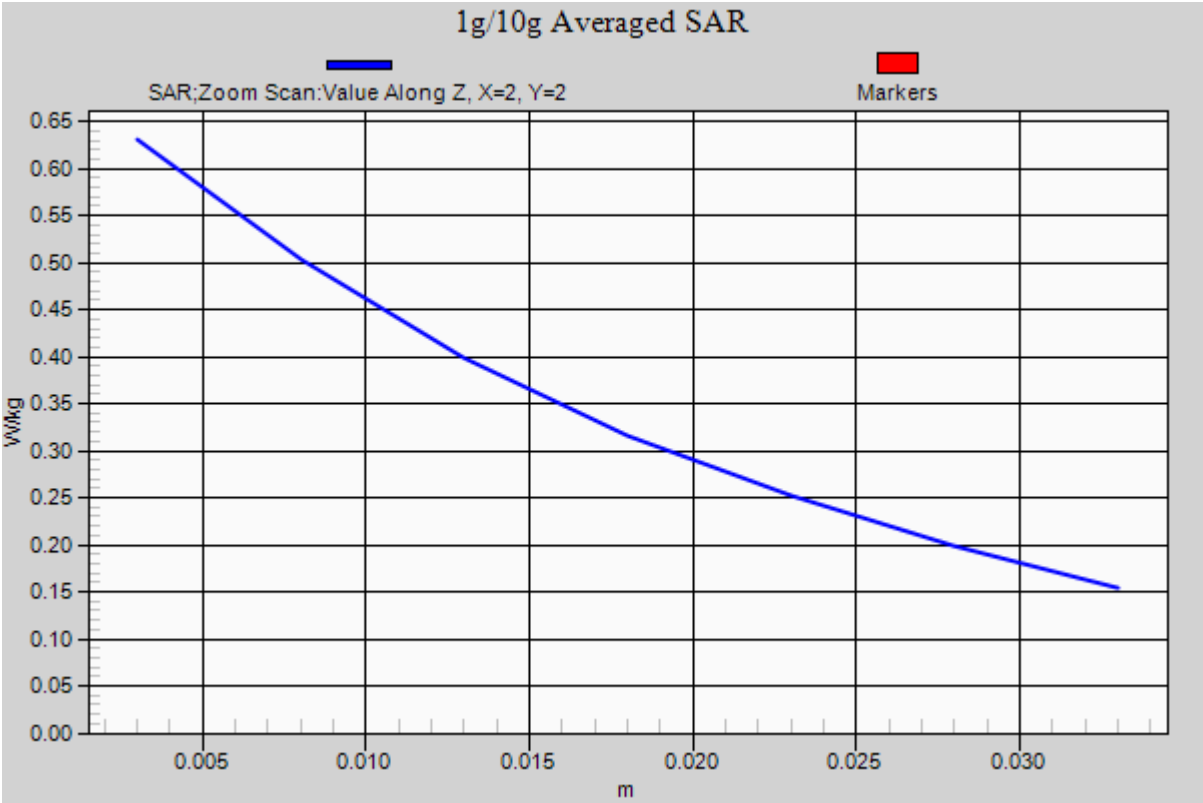
Communication System: GSM 850_12 (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.912 S/m; ε_r = 40.074; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-02-24; Ambient Temp: 21.5; Tissue Temp: 22.0

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

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.716 W/kg
SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.437 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

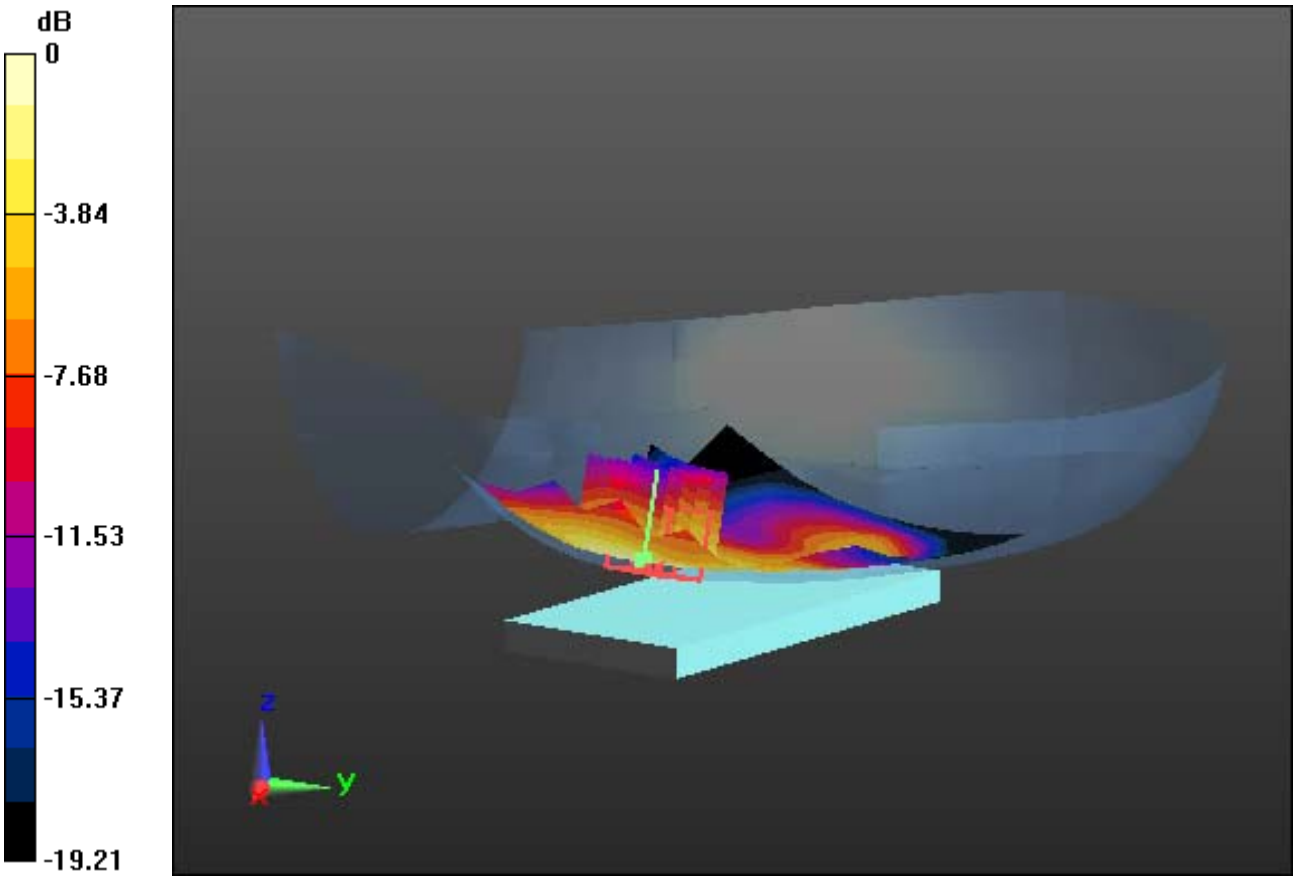
Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.395 S/m; ε_r = 39.336; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-02-26; Ambient Temp: 21.4; Tissue Temp: 21.8

Left Touch, PCS1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.452 W/kg



0 dB = 0.851 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.395 S/m; ε_r = 39.336; ρ = 1000 kg/m^3
Phantom section: Left Section

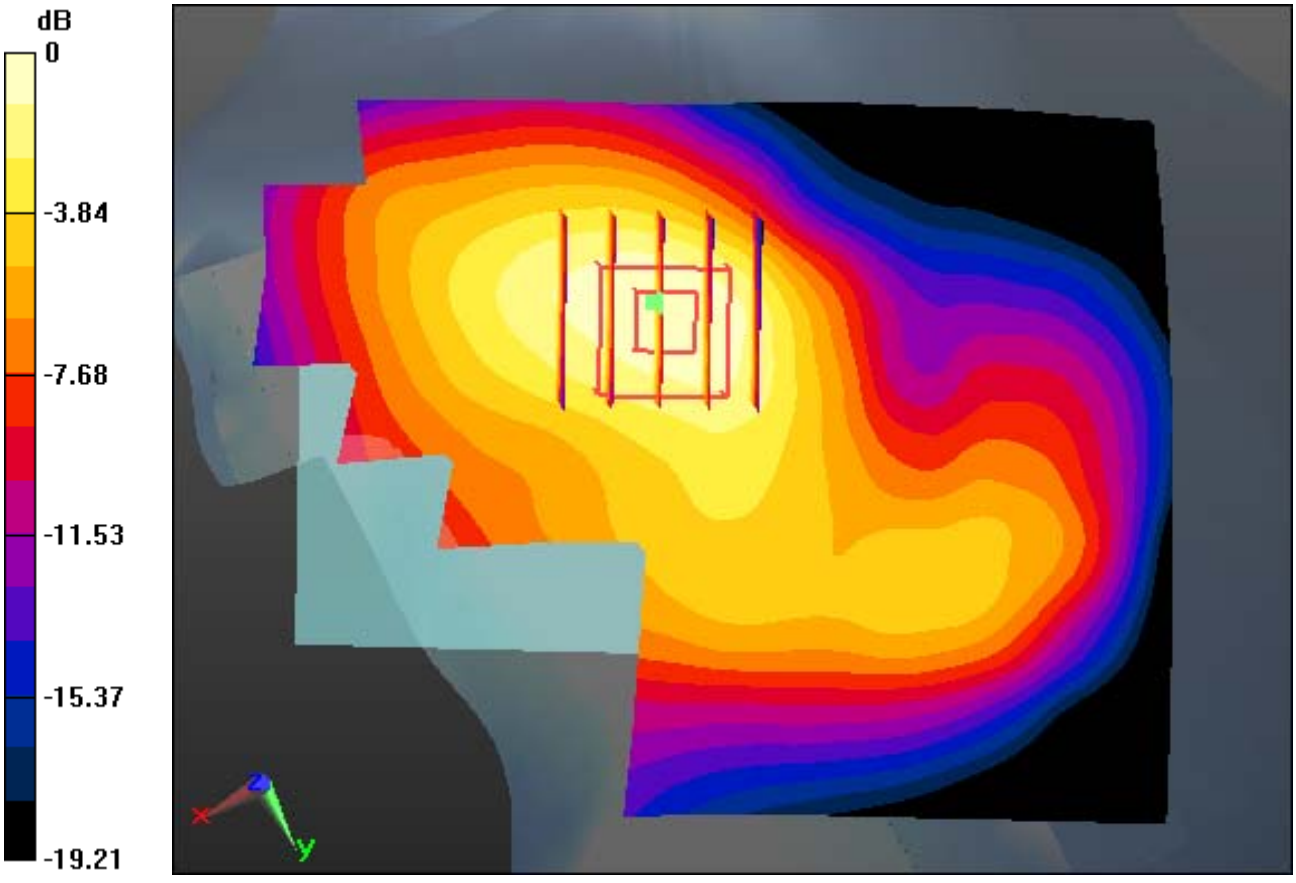
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4; Tissue Temp: 21.8

Left Touch, PCS1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

With Enlarge plot image

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.452 W/kg



0 dB = 0.851 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

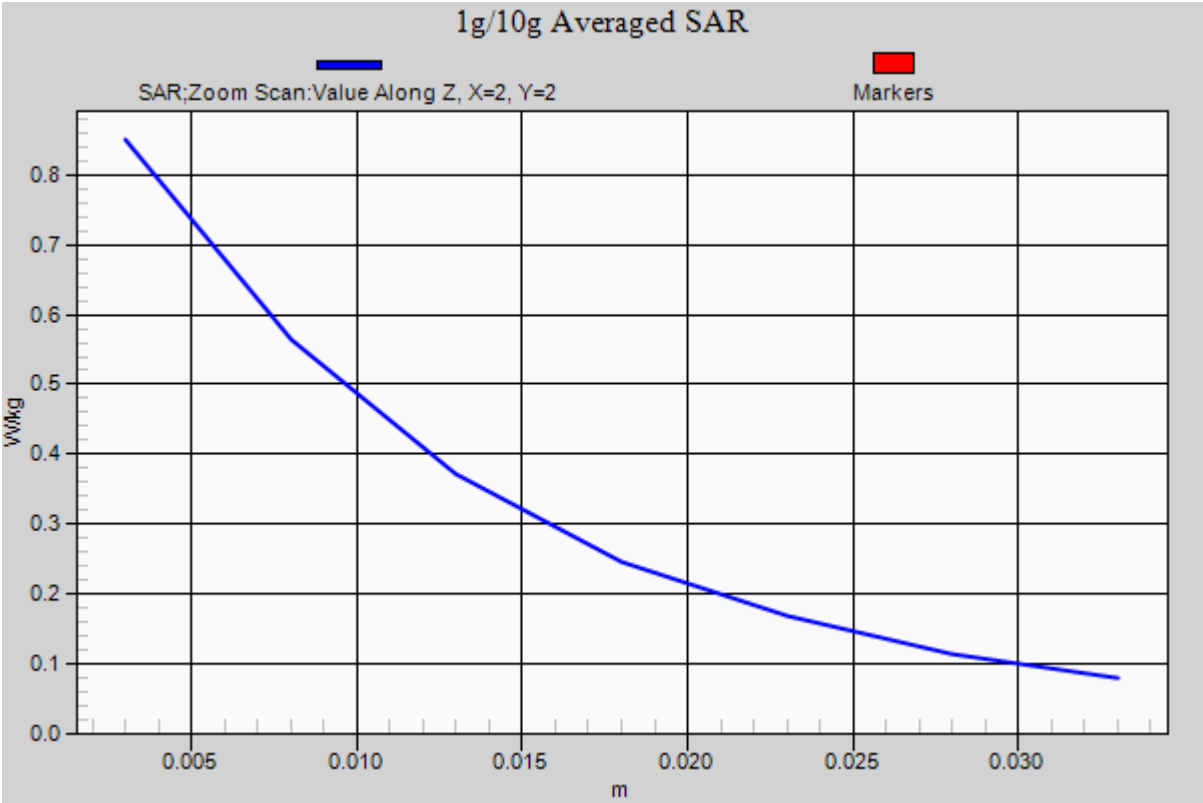
Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.395 S/m; ε_r = 39.336; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-02-26; Ambient Temp: 21.4; Tissue Temp: 21.8

Left Touch, PCS1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.452 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

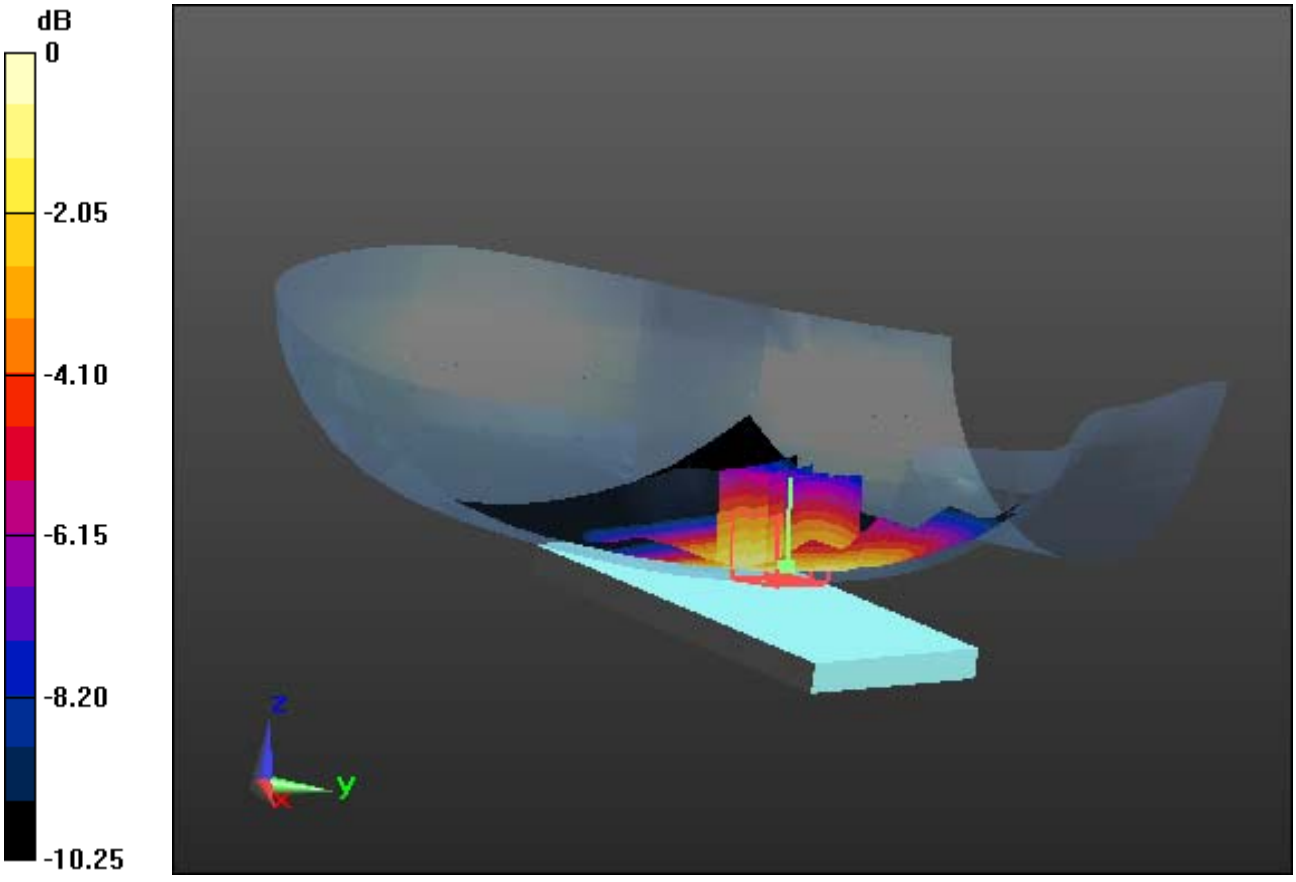
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.899 S/m; ε_r = 42.845; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-02-25; Ambient Temp: 21.1; Tissue Temp: 21.5

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

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.208 W/kg



0 dB = 0.305 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.899 S/m; ε_r = 42.845; ρ = 1000 kg/m^3
Phantom section: Right Section

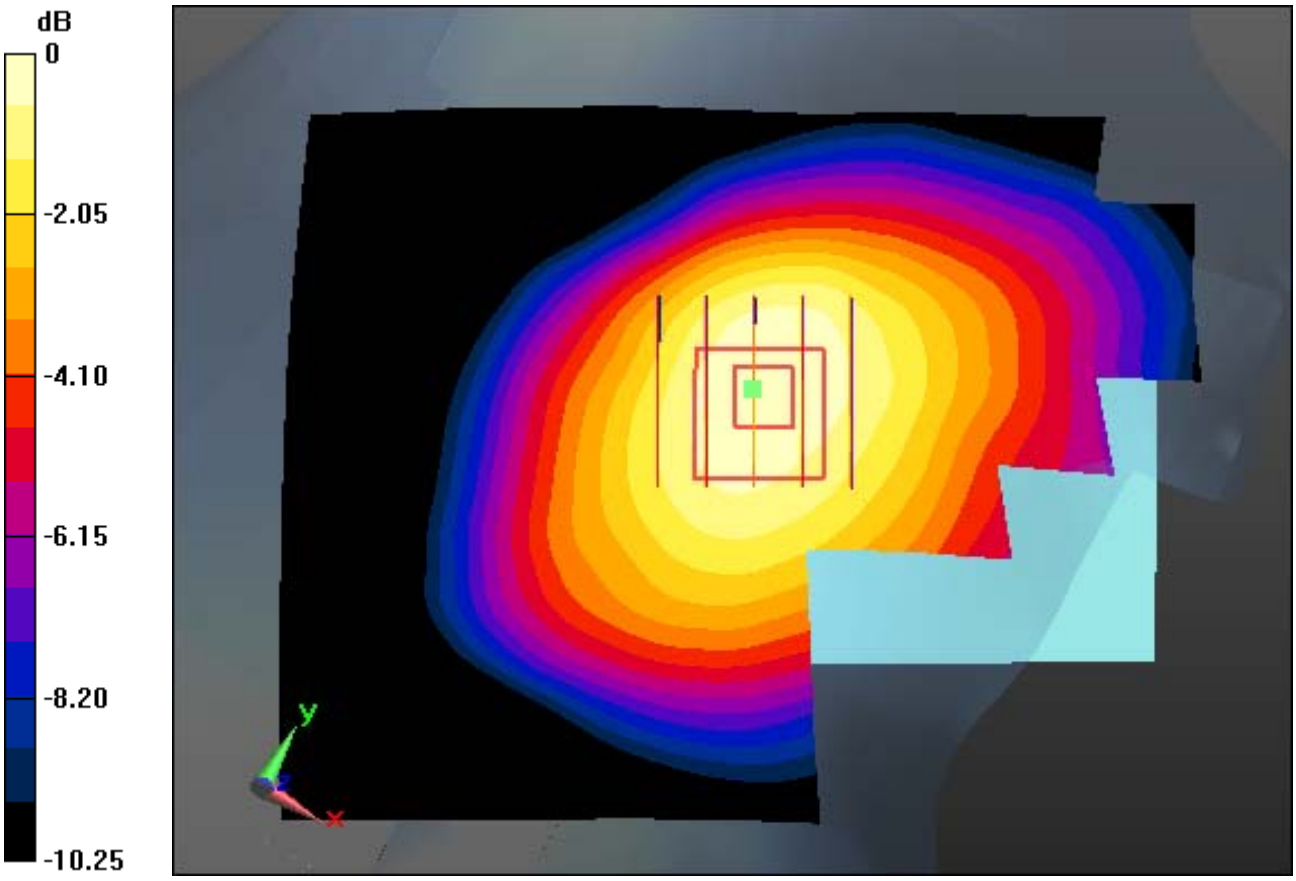
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-25; Ambient Temp: 21.1; Tissue Temp: 21.5

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

With Enlarge plot image

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.208 W/kg



0 dB = 0.305 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

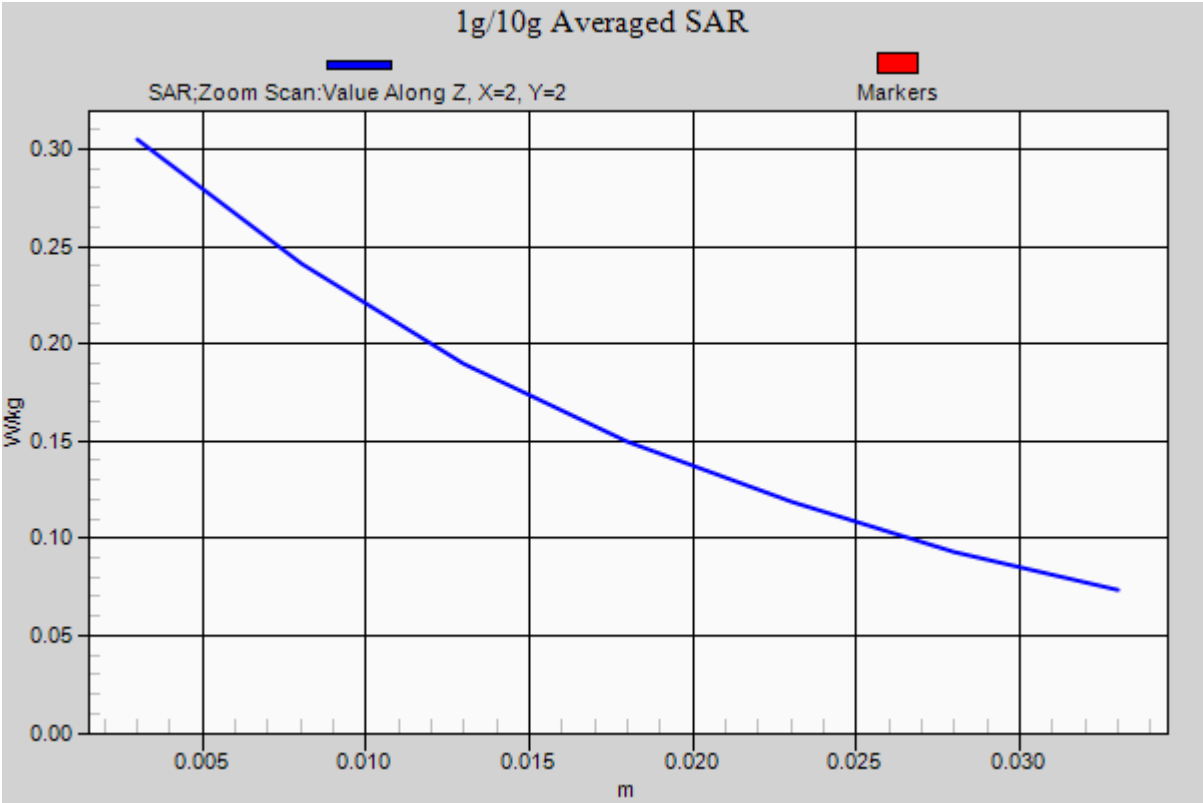
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.899 S/m; ε_r = 42.845; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-02-25; Ambient Temp: 21.1; Tissue Temp: 21.5

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

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.208 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

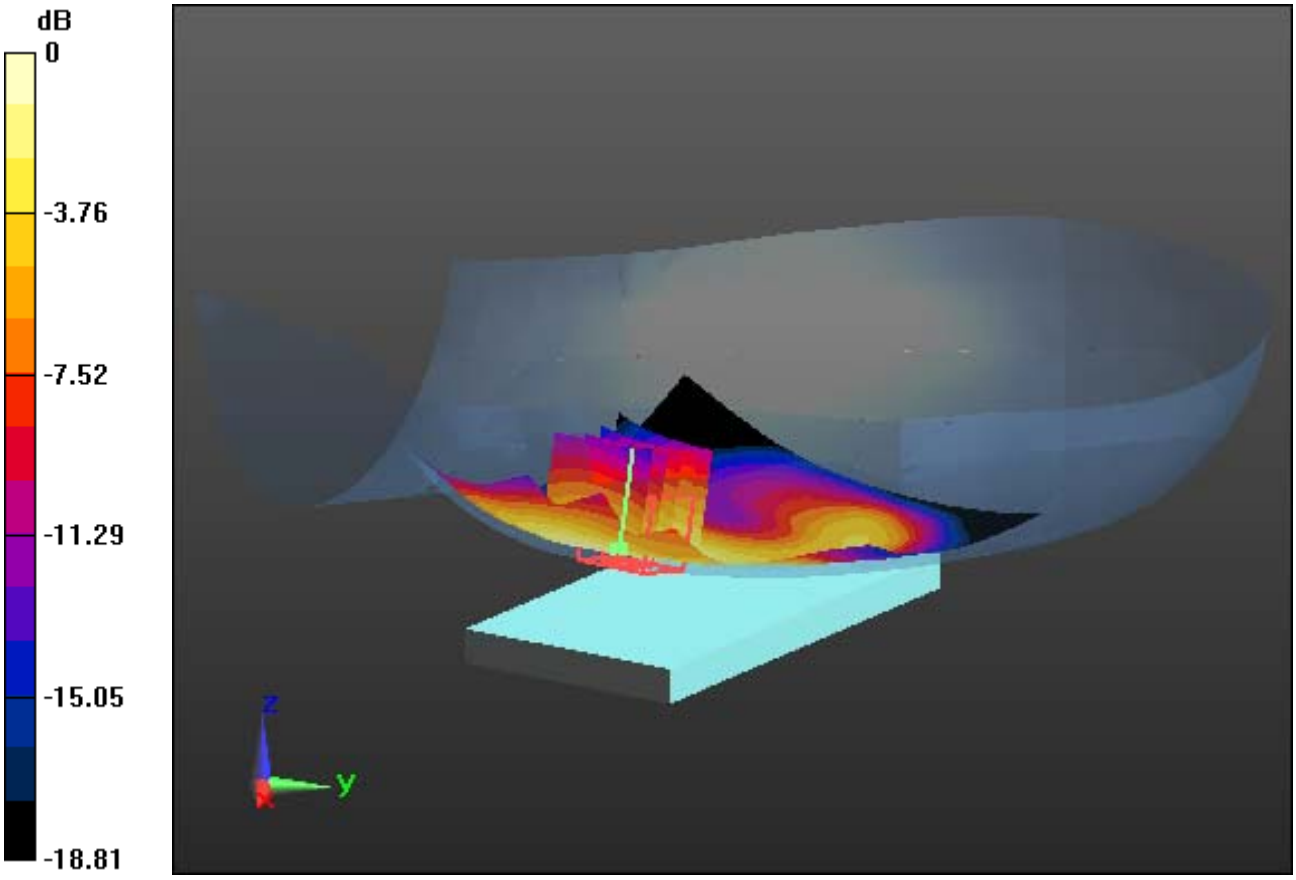
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.372 S/m; ε_r = 39.084; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-03-06; Ambient Temp: 21.4; Tissue Temp: 22.0

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

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.442 W/kg



0 dB = 0.814 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.372 S/m; ε_r = 39.084; ρ = 1000 kg/m^3
Phantom section: Left Section

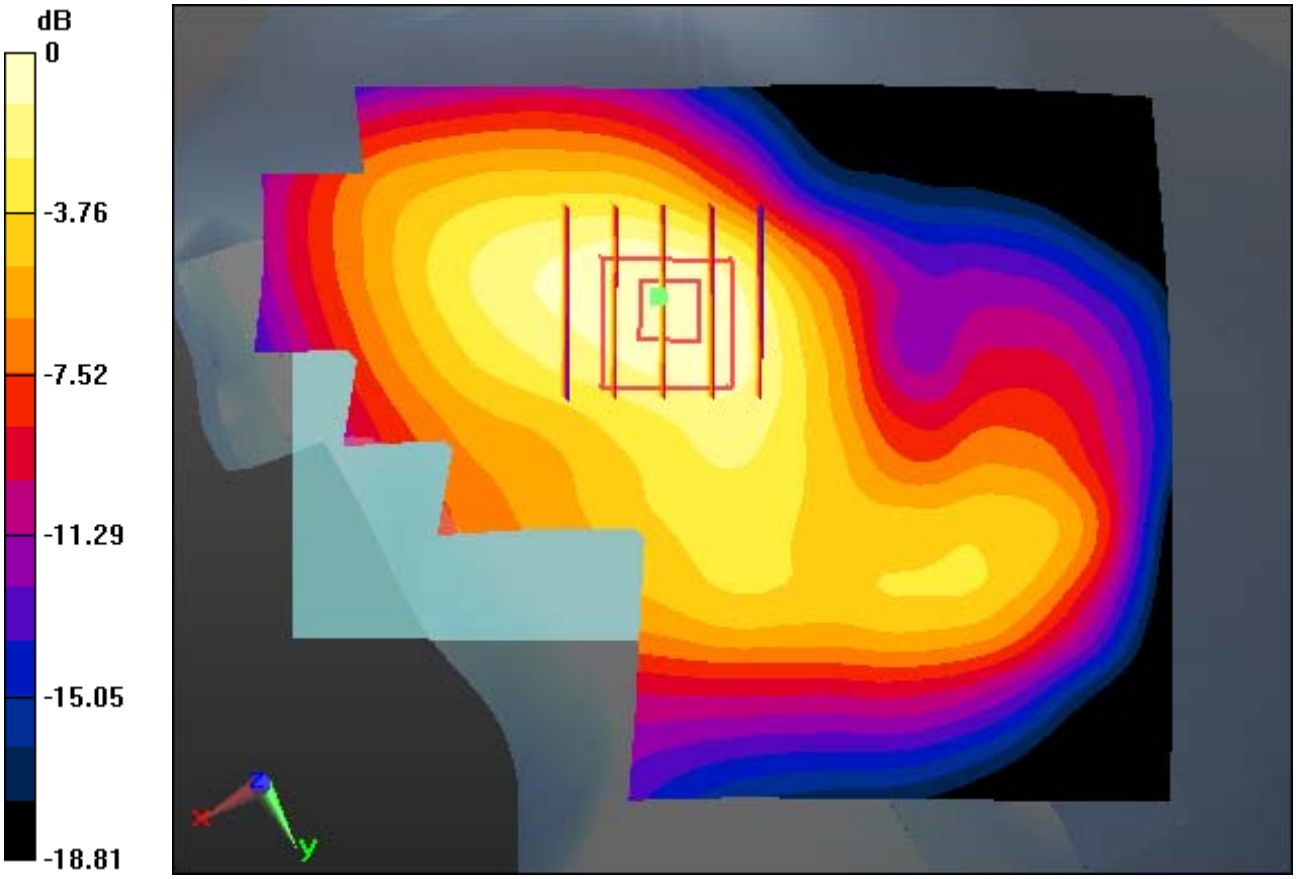
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-06; Ambient Temp: 21.4; Tissue Temp: 22.0

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

With Enlarge plot image

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.442 W/kg



0 dB = 0.814 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

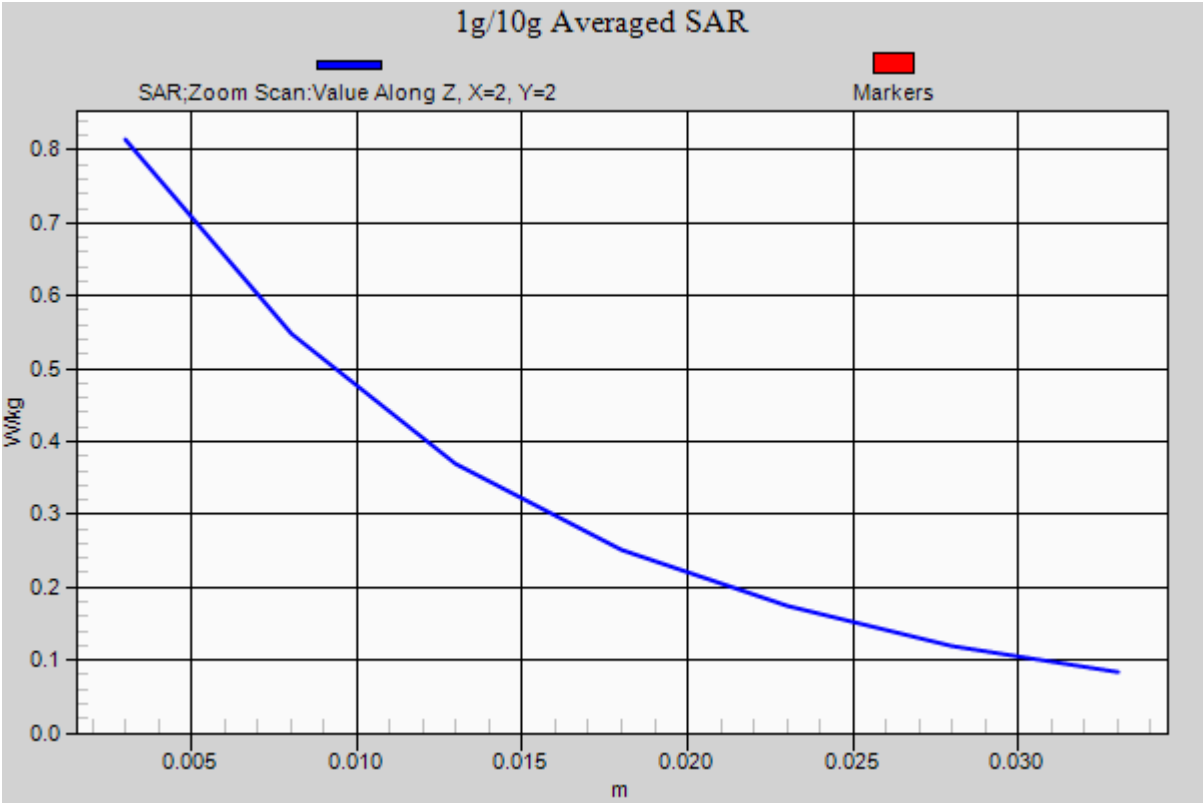
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.372 S/m; ε_r = 39.084; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-03-06; Ambient Temp: 21.4; Tissue Temp: 22.0

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

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.442 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 4 for LG (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.339 S/m; ε_r = 38.869; ρ = 1000 kg/m^3
Phantom section: Left Section

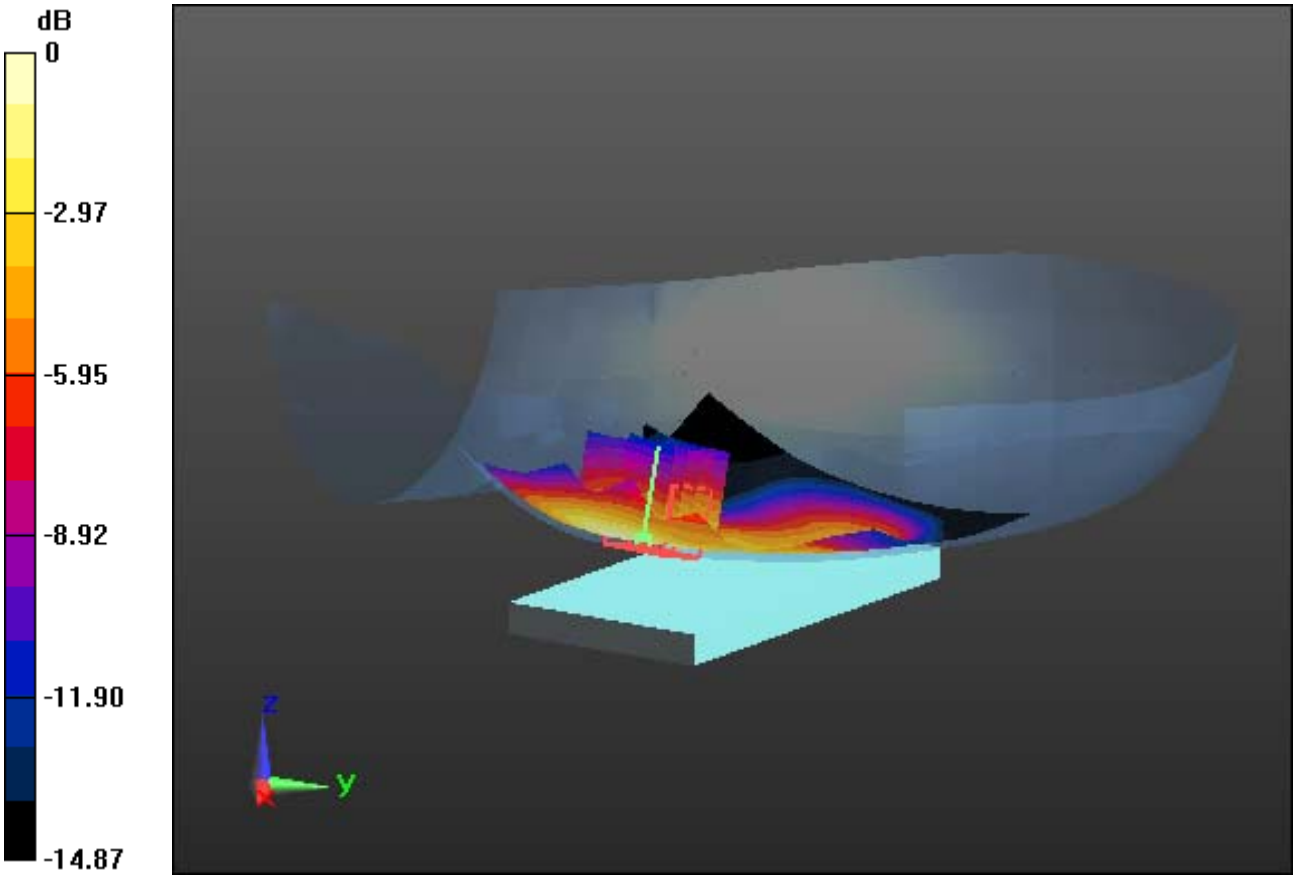
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-13; Ambient Temp: 21.7; Tissue Temp: 22.1

Left Touch, LTE Band 4 Ch. 20300, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:0

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.330 W/kg



0 dB = 0.640 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 4 for LG (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.339 S/m; ε_r = 38.869; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
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)

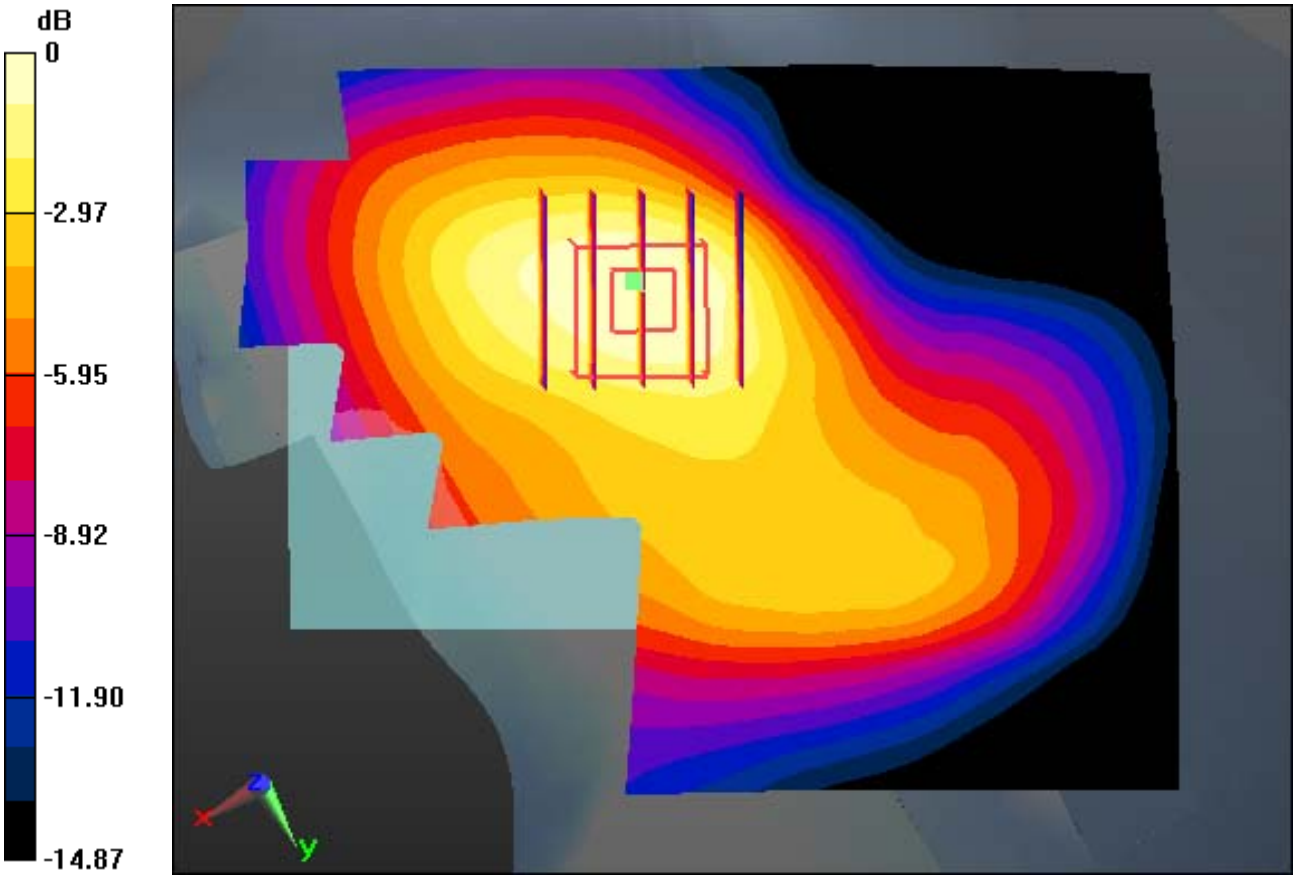
Test Date: 2015-03-13; Ambient Temp: 21.7; Tissue Temp: 22.1

Left Touch, LTE Band 4 Ch. 20300, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:0

With Enlarge plot image

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.330 W/kg



0 dB = 0.640 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 4 for LG (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.339 S/m; ε_r = 38.869; ρ = 1000 kg/m^3
Phantom section: Left Section

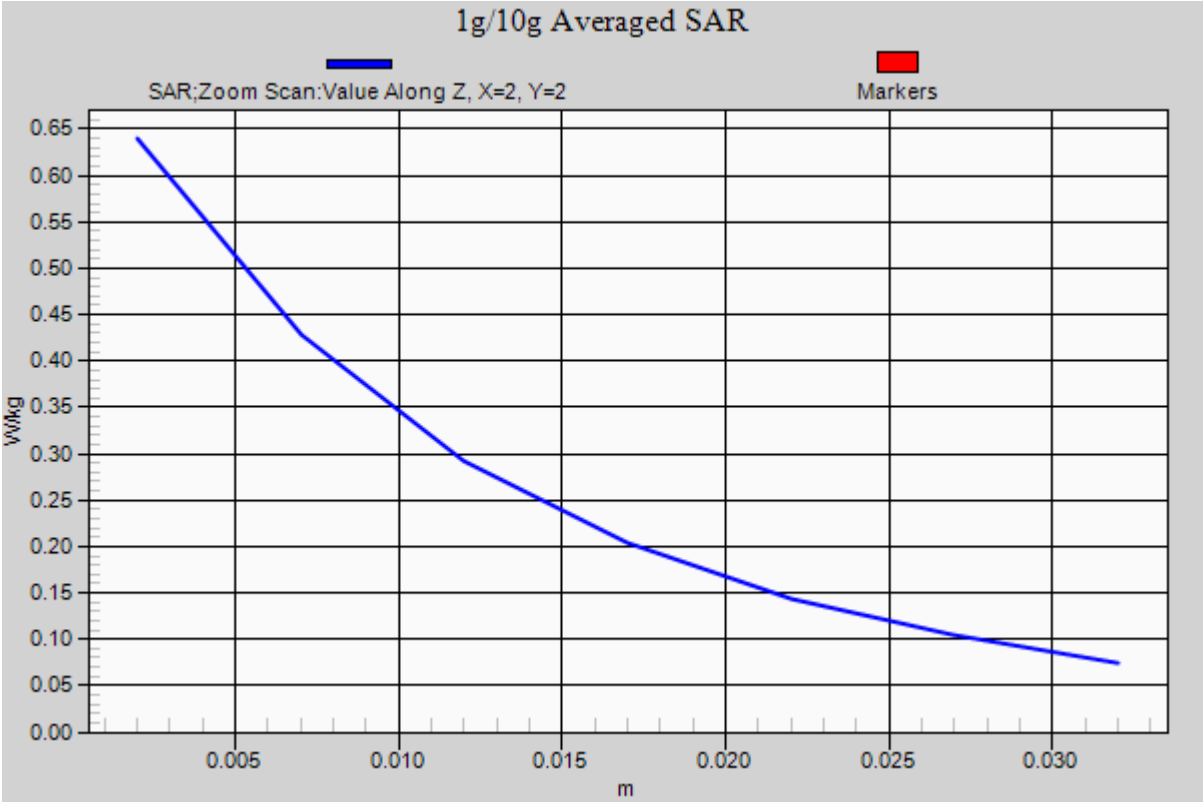
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-13; Ambient Temp: 21.7; Tissue Temp: 22.1

Left Touch, LTE Band 4 Ch. 20300, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:0

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.330 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 2 (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.426 S/m; ε_r = 39.657; ρ = 1000 kg/m^3
Phantom section: Left Section

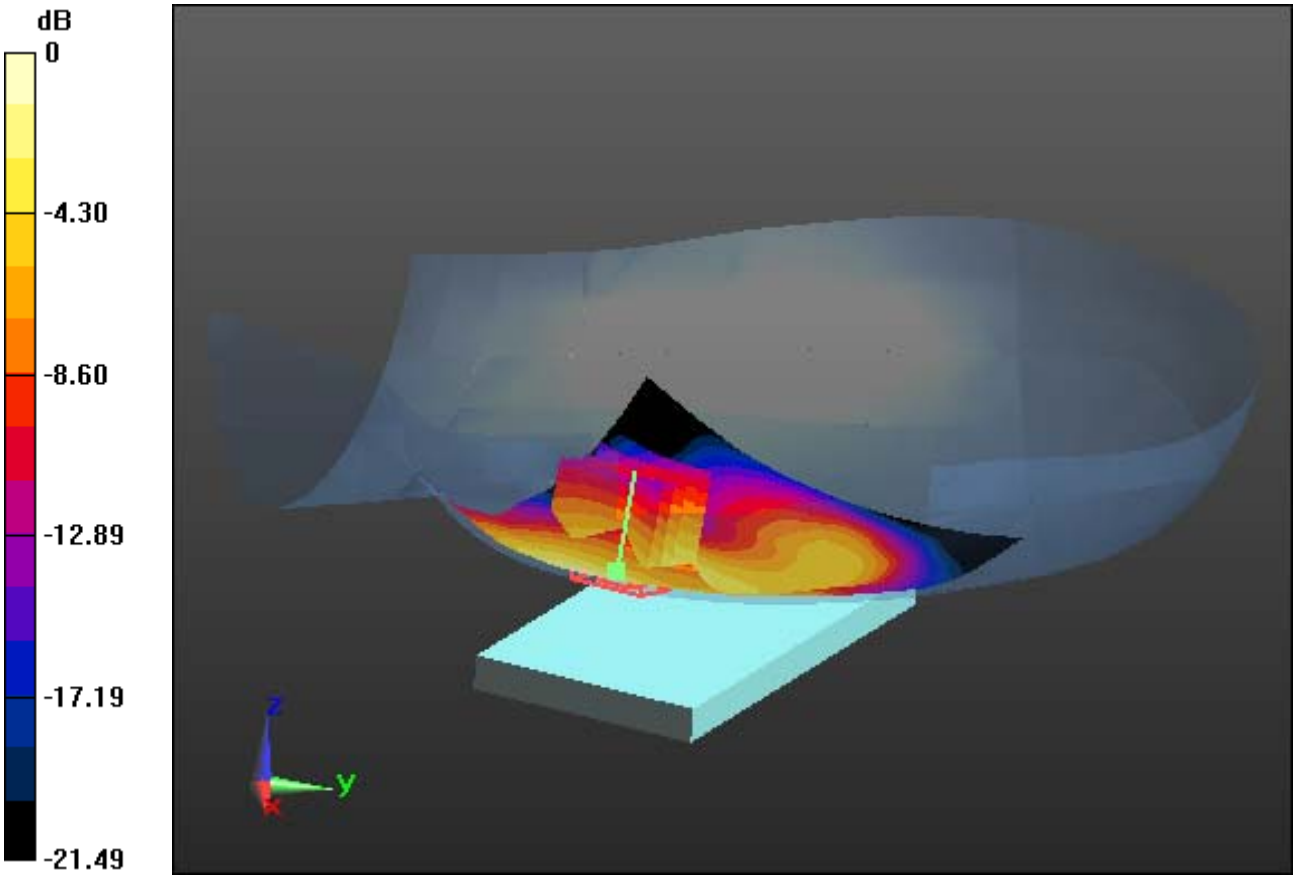
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.57, 7.57, 7.57); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-04; Ambient Temp: 21.1; Tissue Temp: 21.6

Left Touch, LTE Band 2 Ch. 19100, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:99

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.575 W/kg



0 dB = 1.17 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 2 (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.426 S/m; ε_r = 39.657; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.57, 7.57, 7.57); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
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)

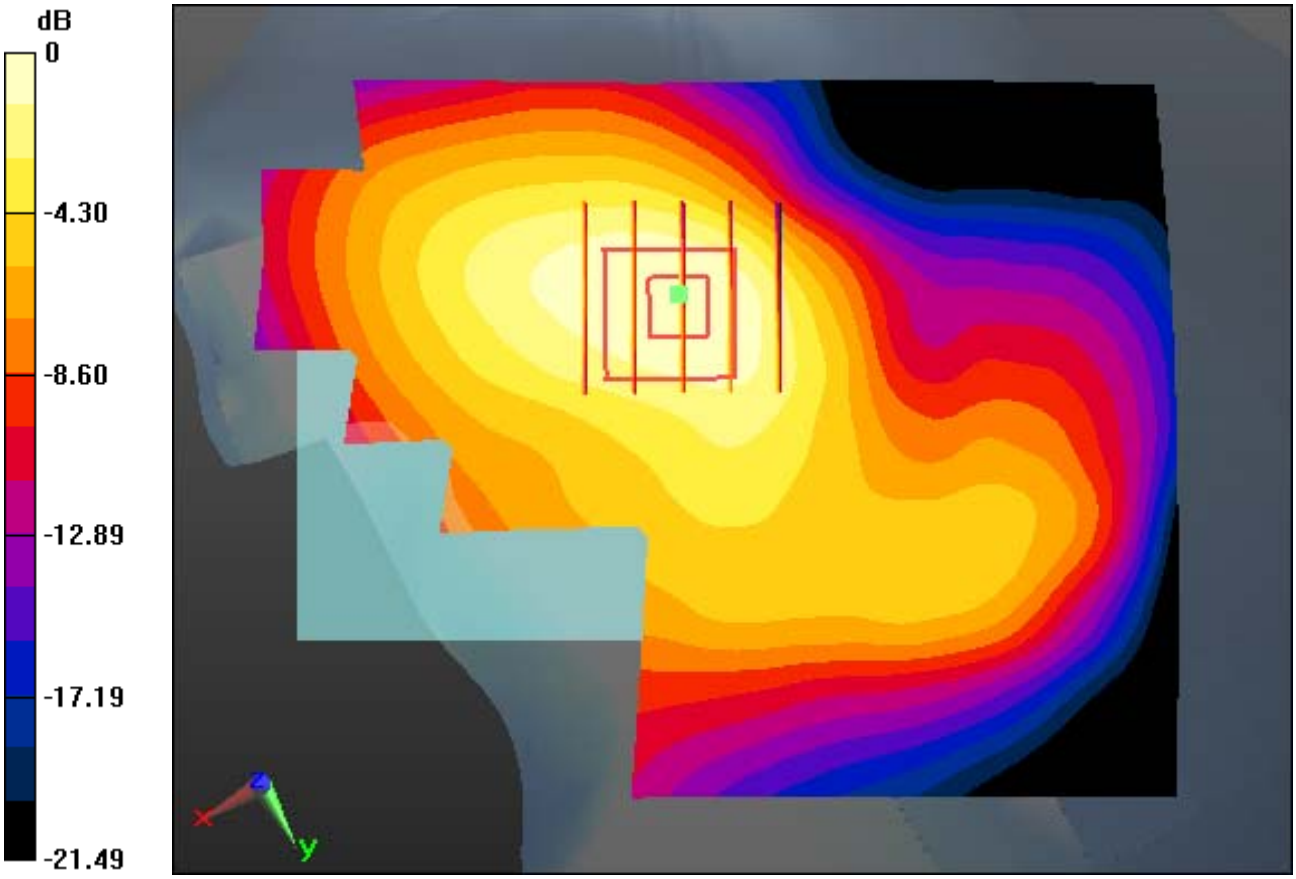
Test Date: 2015-03-04; Ambient Temp: 21.1; Tissue Temp: 21.6

Left Touch, LTE Band 2 Ch. 19100, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:99

With Enlarge plot image

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.575 W/kg



0 dB = 1.17 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 2 (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.426 S/m; ε_r = 39.657; ρ = 1000 kg/m^3
Phantom section: Left Section

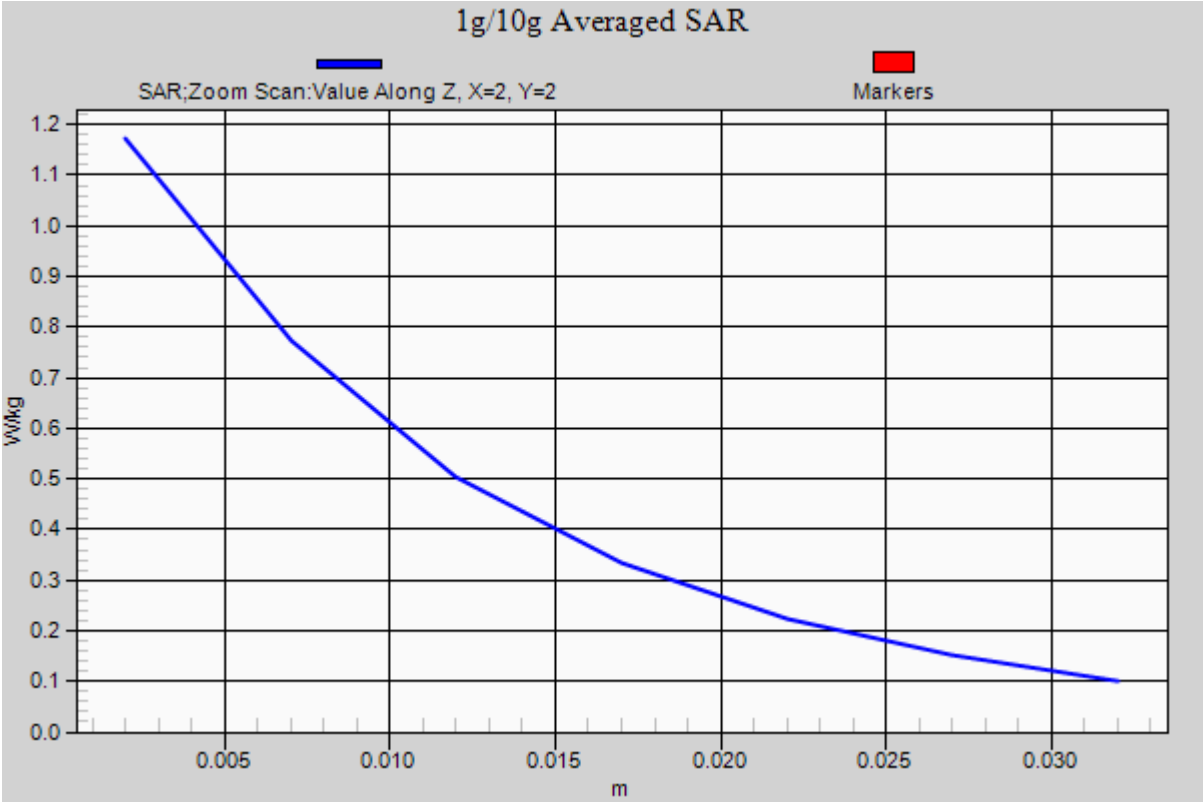
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.57, 7.57, 7.57); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-04; Ambient Temp: 21.1; Tissue Temp: 21.6

Left Touch, LTE Band 2 Ch. 19100, Ant Internal, Standard Battery

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:99

Area Scan (81x111x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.575 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 7 (KC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.871 S/m; ε_r = 39.762; ρ = 1000 kg/m^3
Phantom section: Right Section

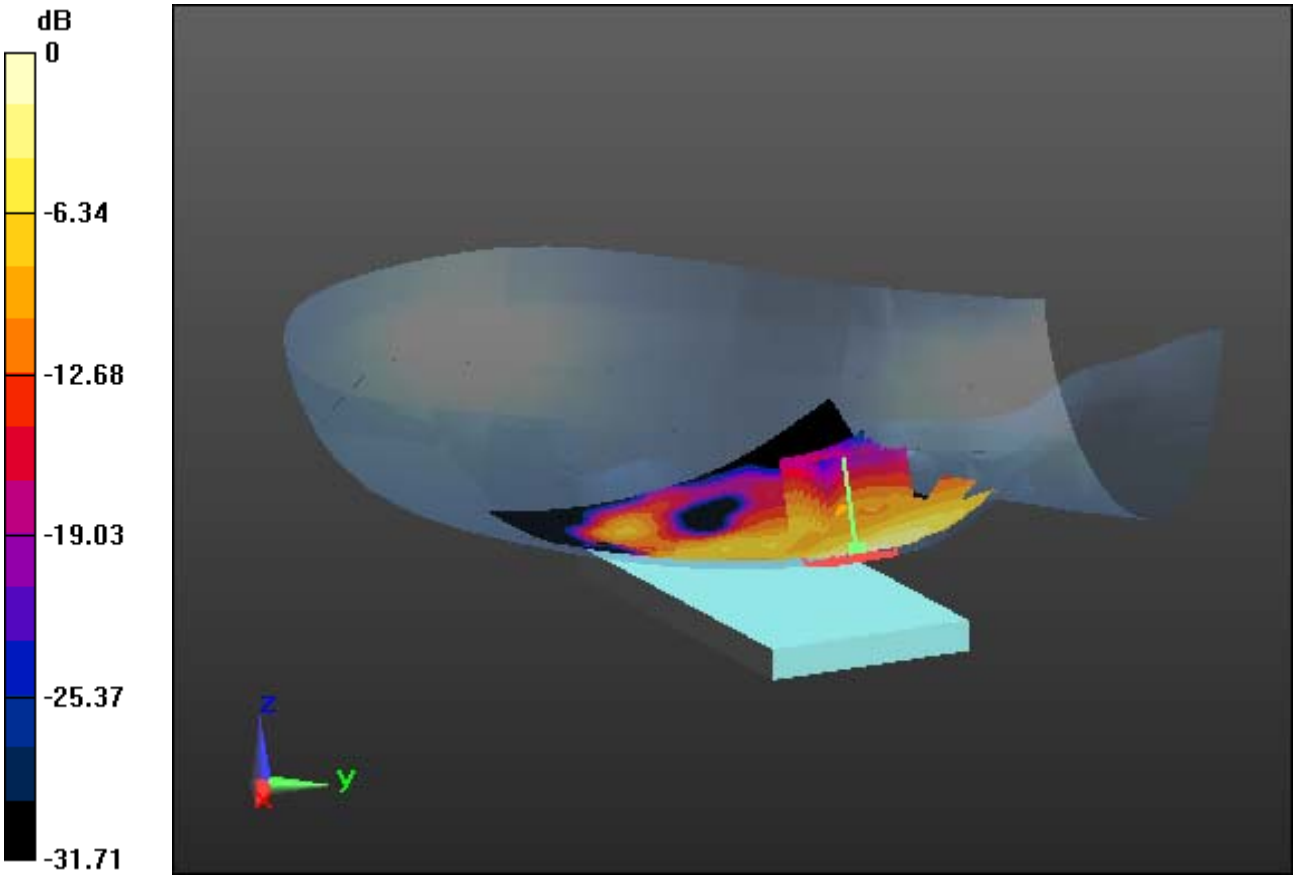
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.73, 6.73, 6.73); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-21; Ambient Temp: 22.2; Tissue Temp: 22.7

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

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:99

Area Scan (101x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.167 W/kg



0 dB = 0.440 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 7 (KC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.871 S/m; ε_r = 39.762; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.73, 6.73, 6.73); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

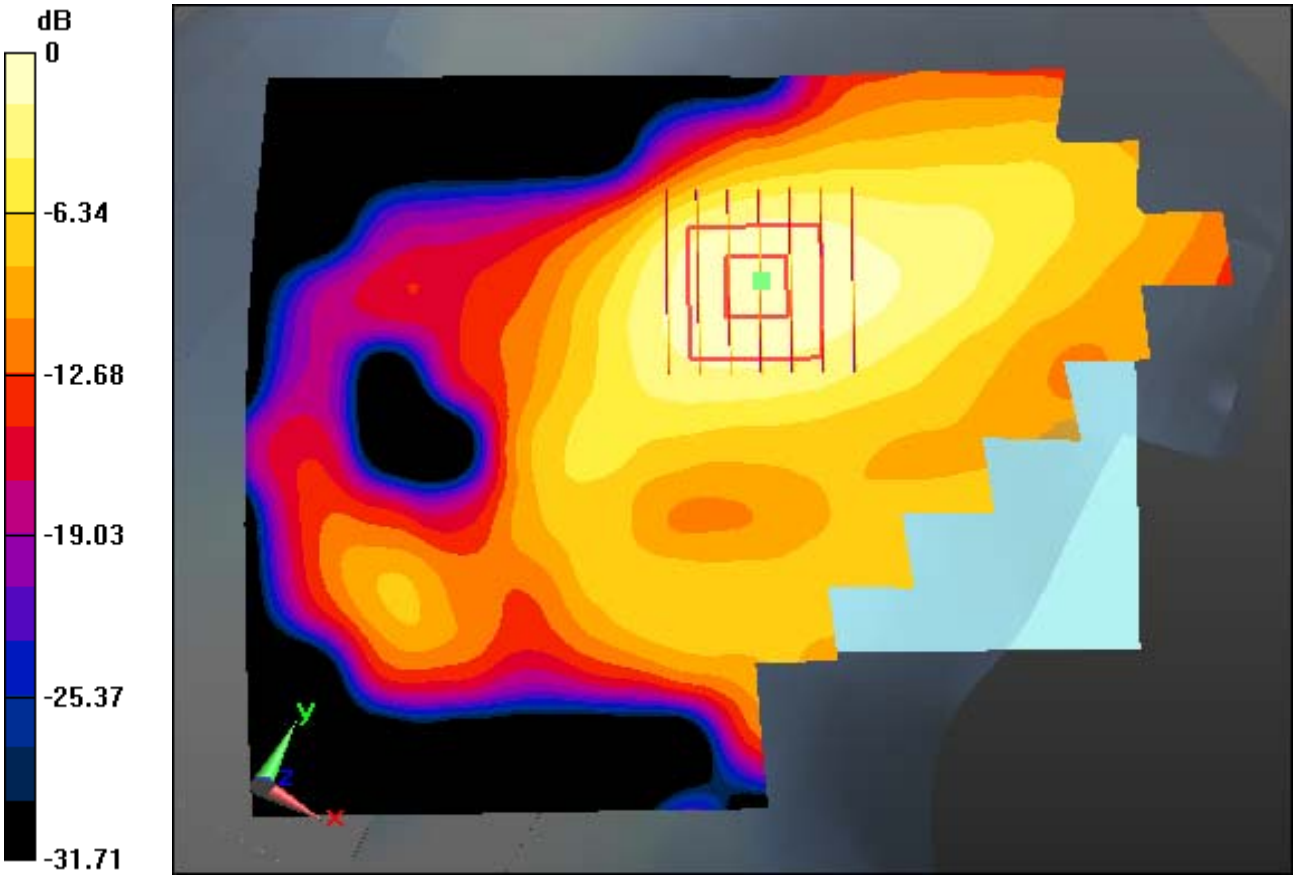
Test Date: 2015-03-21; Ambient Temp: 22.2; Tissue Temp: 22.7

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

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:99

With Enlarge plot image

Area Scan (101x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.167 W/kg



0 dB = 0.440 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 7 (KC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.871 S/m; ε_r = 39.762; ρ = 1000 kg/m^3
Phantom section: Right Section

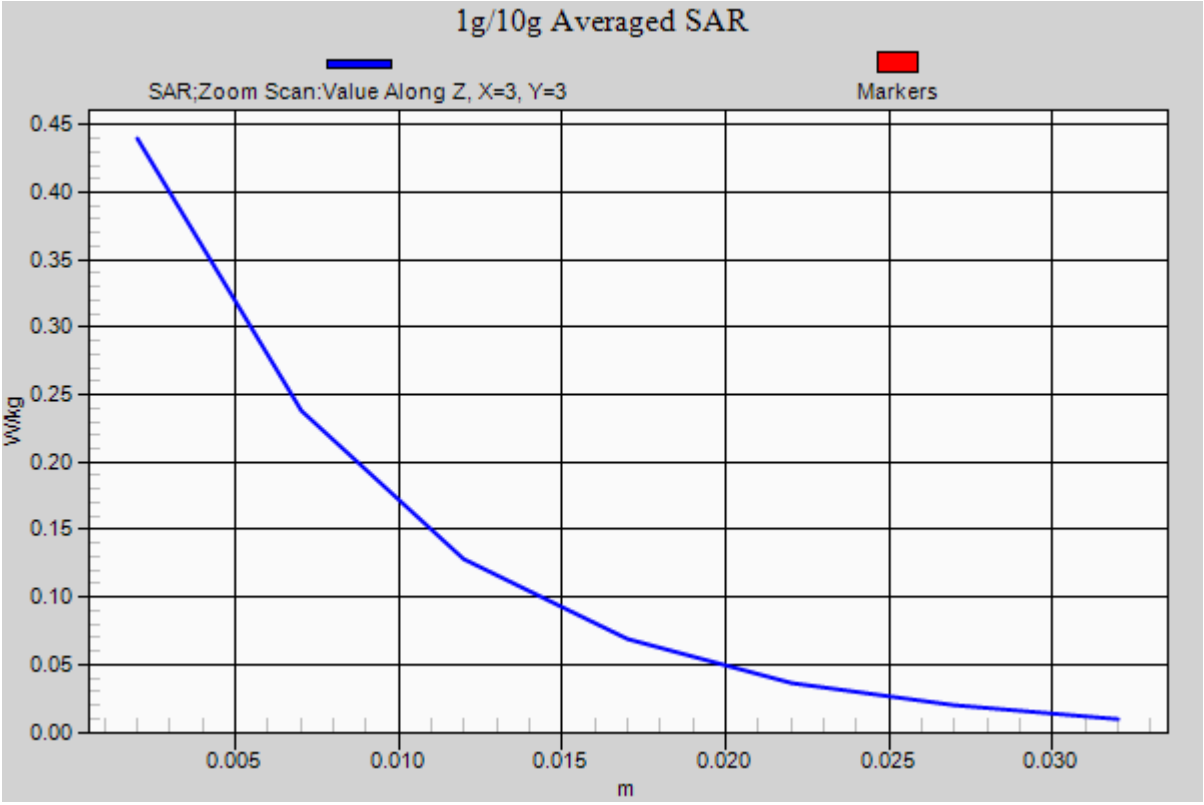
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.73, 6.73, 6.73); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: SAM with CRP_20120521; Type: SAM; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-21; Ambient Temp: 22.2; Tissue Temp: 22.7

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

Mode : BandWidth 20 MHz, QPSK, RB Size:1, Offset:99

Area Scan (101x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.167 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

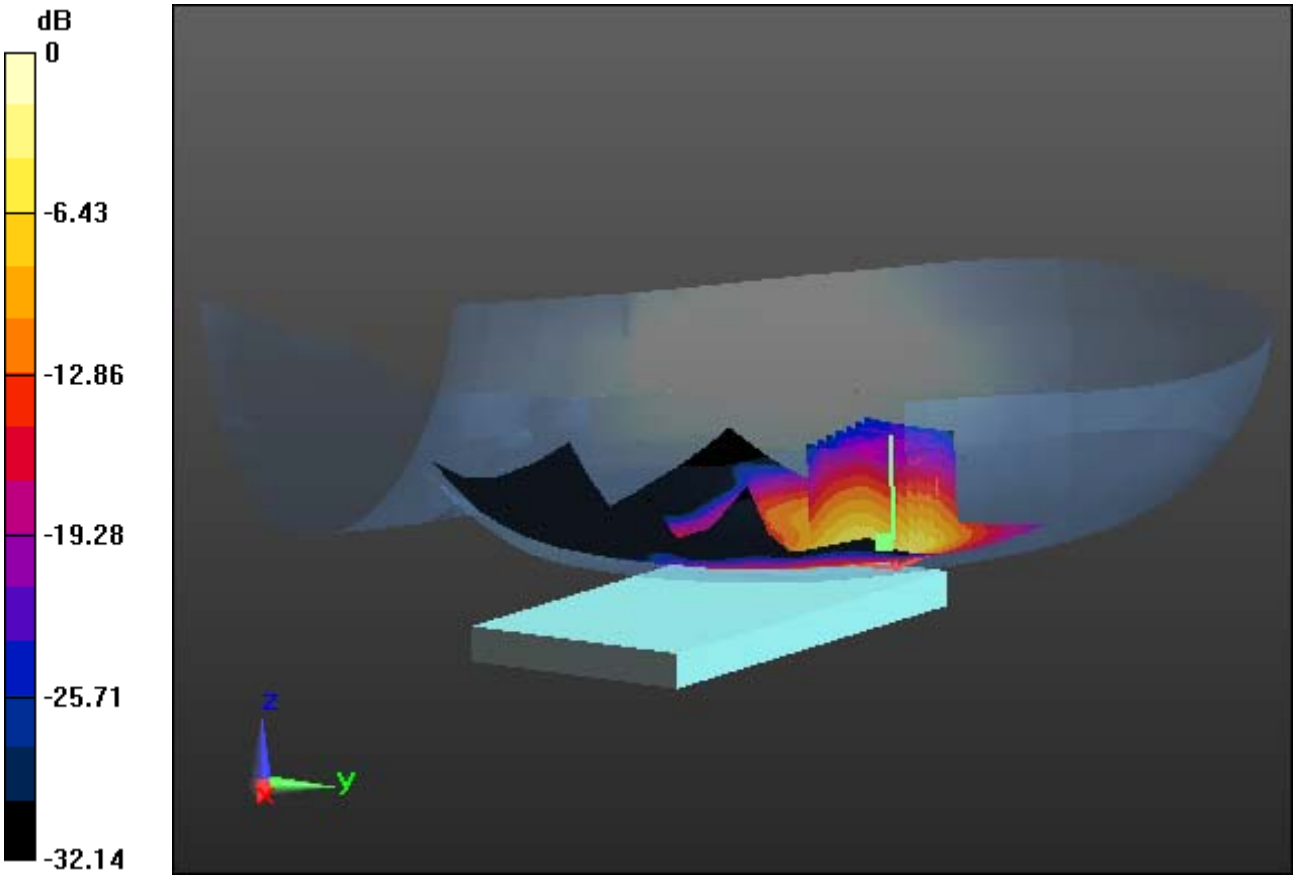
Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.818 S/m; ε_r = 39.617; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-02-27; Ambient Temp: 21.0; Tissue Temp: 22.0

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

Area Scan (91x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.204 W/kg



0 dB = 0.603 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.818 S/m; ε_r = 39.617; ρ = 1000 kg/m^3
Phantom section: Left Section

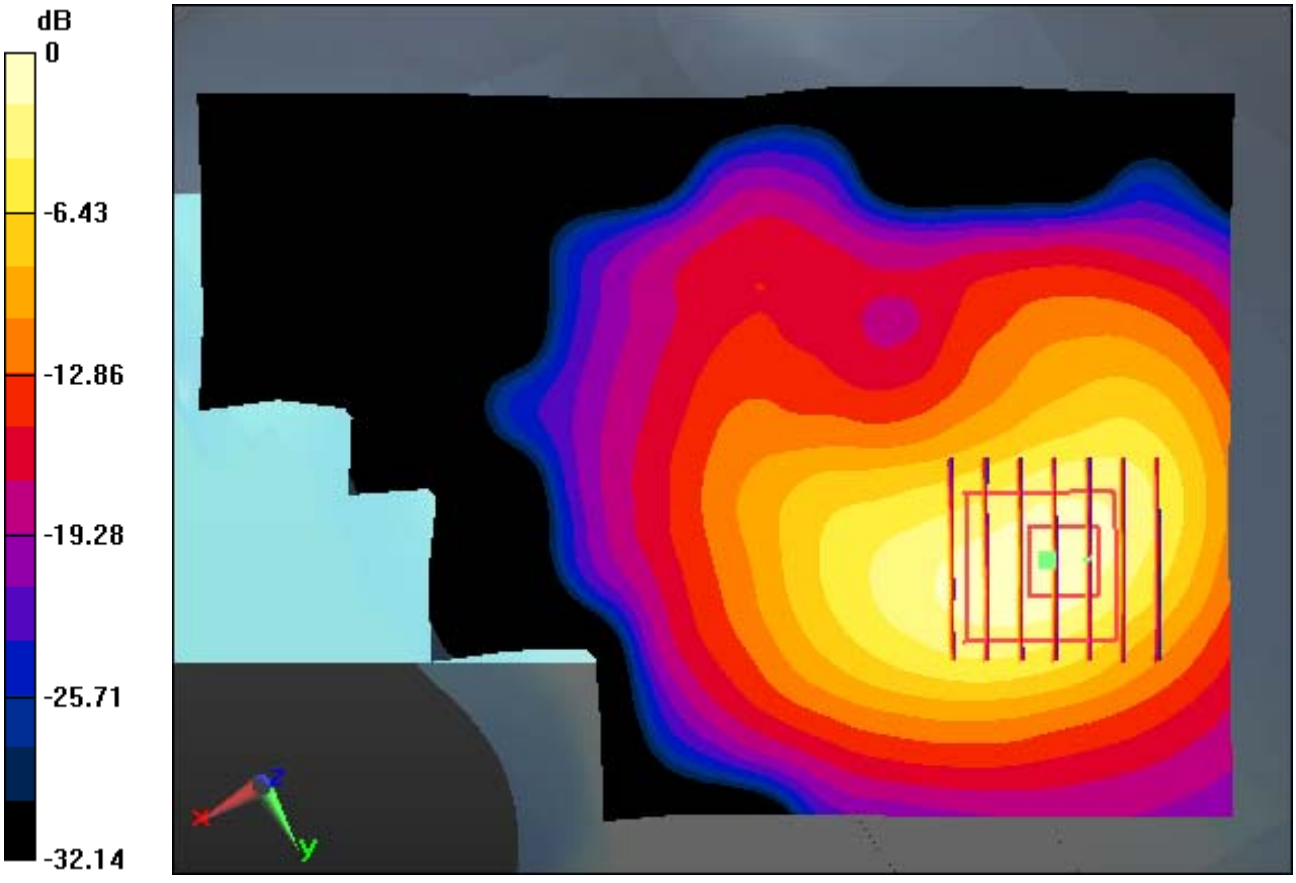
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-27; Ambient Temp: 21.0; Tissue Temp: 22.0

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

With Enlarge plot image

Area Scan (91x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.204 W/kg



0 dB = 0.603 W/kg

DUT: LG-H520G; Type: Bar

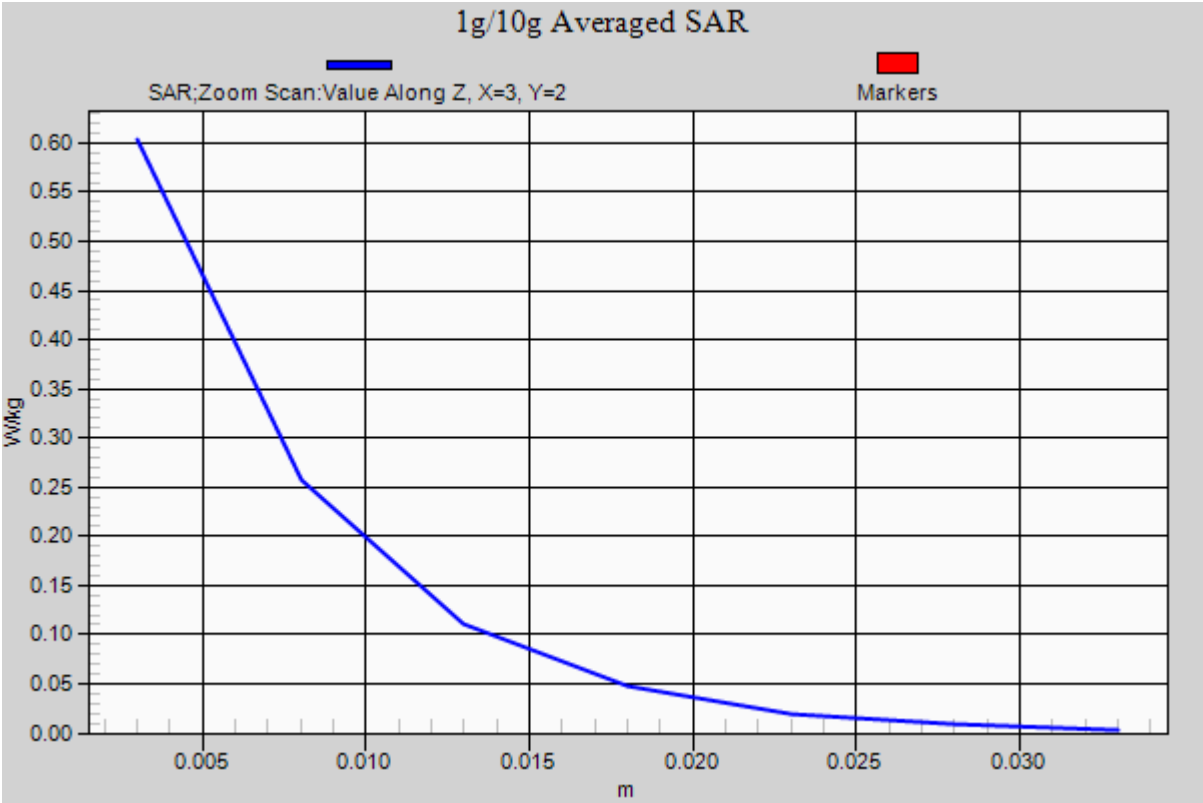
Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.818 S/m; ε_r = 39.617; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
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: 2015-02-27; Ambient Temp: 21.0; Tissue Temp: 22.0

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

Area Scan (91x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.18B
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.204 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

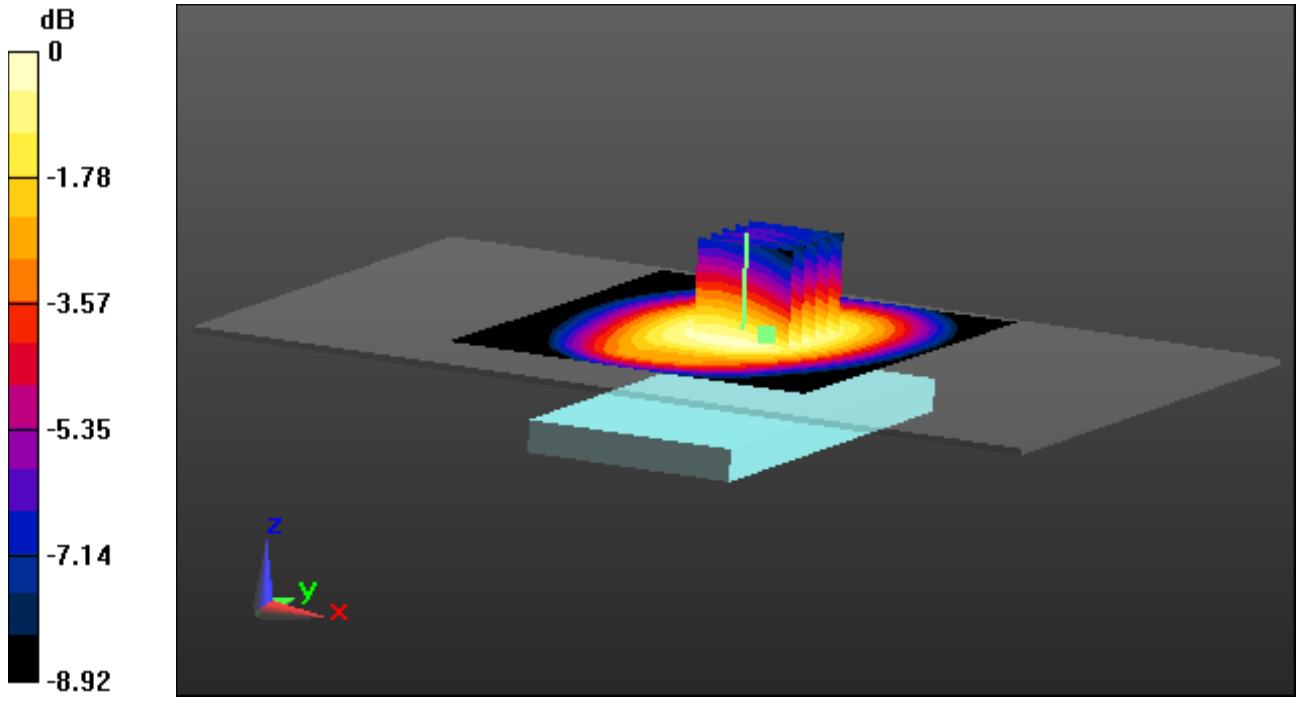
Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.989 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5 Tissue Temp:22.0

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

Area Scan (81x111x1): 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) = 0.609 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.372 W/kg



0 dB = 0.534 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.989 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Phantom section: Left Section

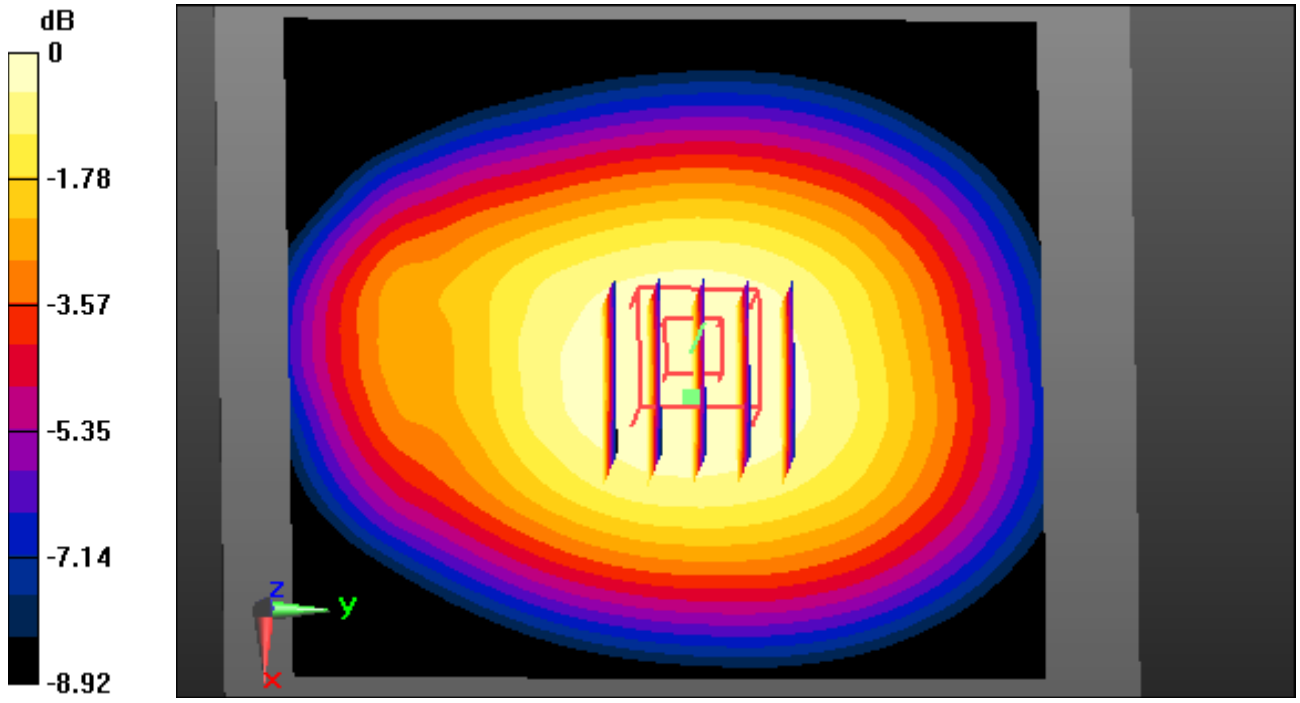
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5 Tissue Temp:22.0

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

With Enlarge plot image

Area Scan (81x111x1): 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) = 0.609 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.372 W/kg



0 dB = 0.534 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

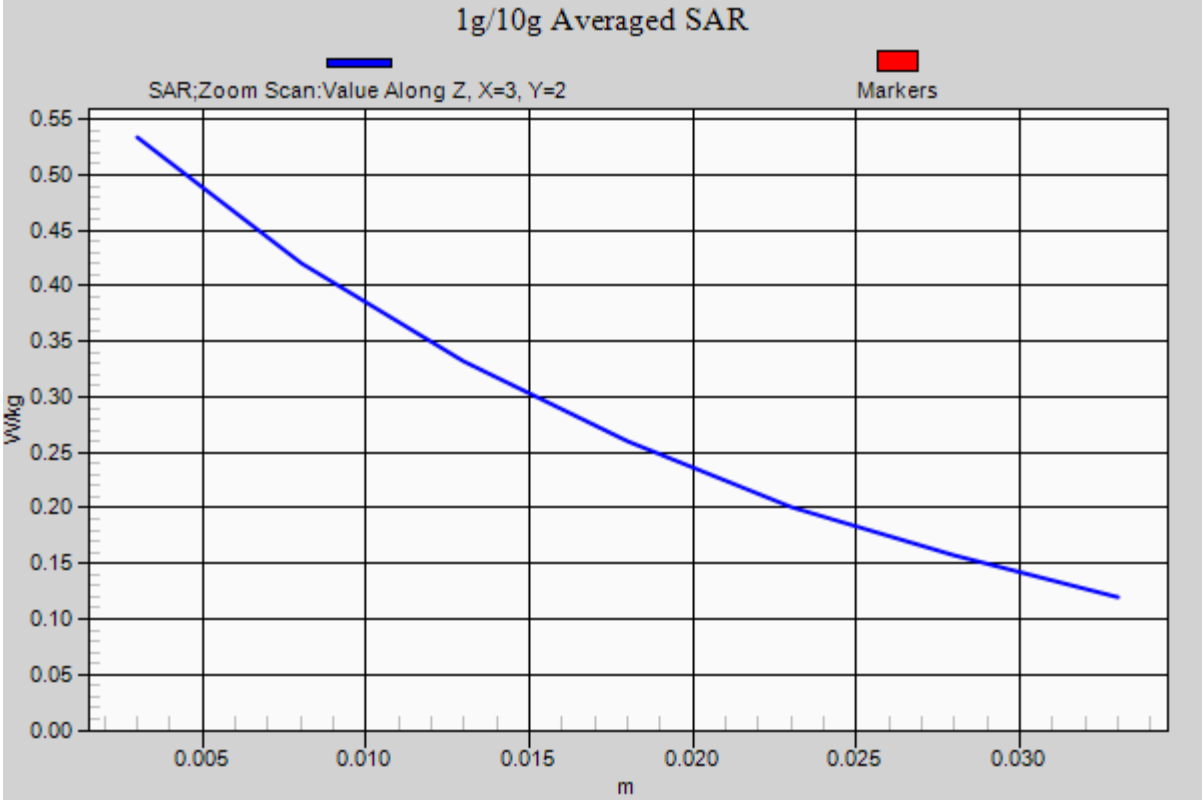
Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.989 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5 Tissue Temp:22.0

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

Area Scan (81x111x1): 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) = 0.609 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.372 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

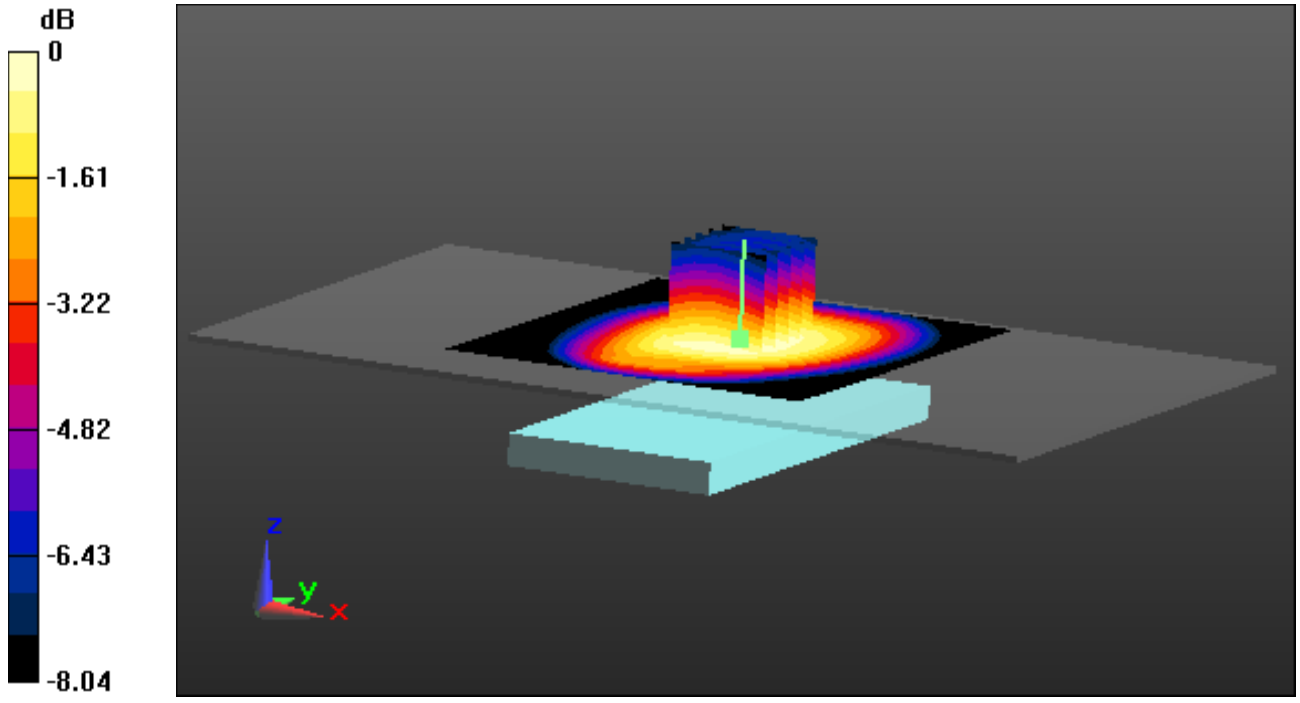
Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.989 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5 Tissue Temp:22.0

1cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

Area Scan (81x111x1): Interpolated grid: dx=1.500 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) = 1.15 W/kg
SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.708 W/kg



0 dB = 1.01 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.989 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Phantom section: Left Section

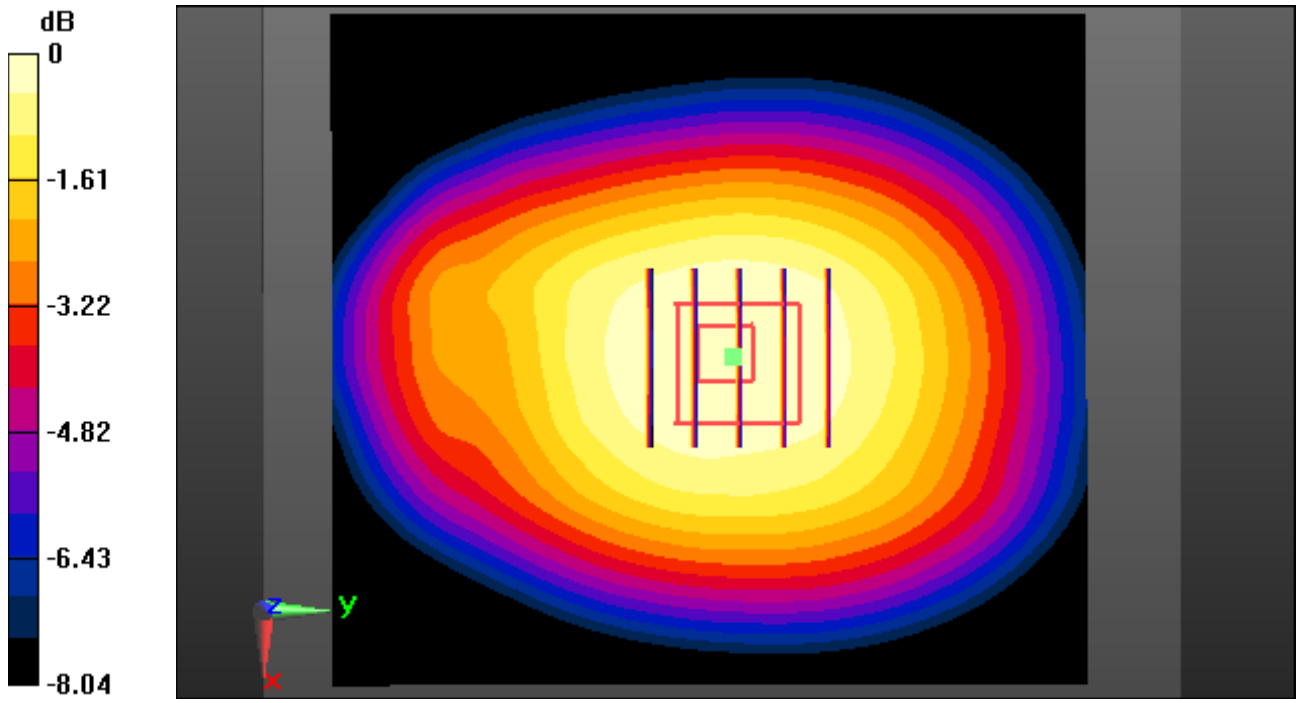
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5 Tissue Temp:22.0

1cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

With Enlarge plot image

Area Scan (81x111x1): 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) = 1.15 W/kg
SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.708 W/kg



0 dB = 1.01 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

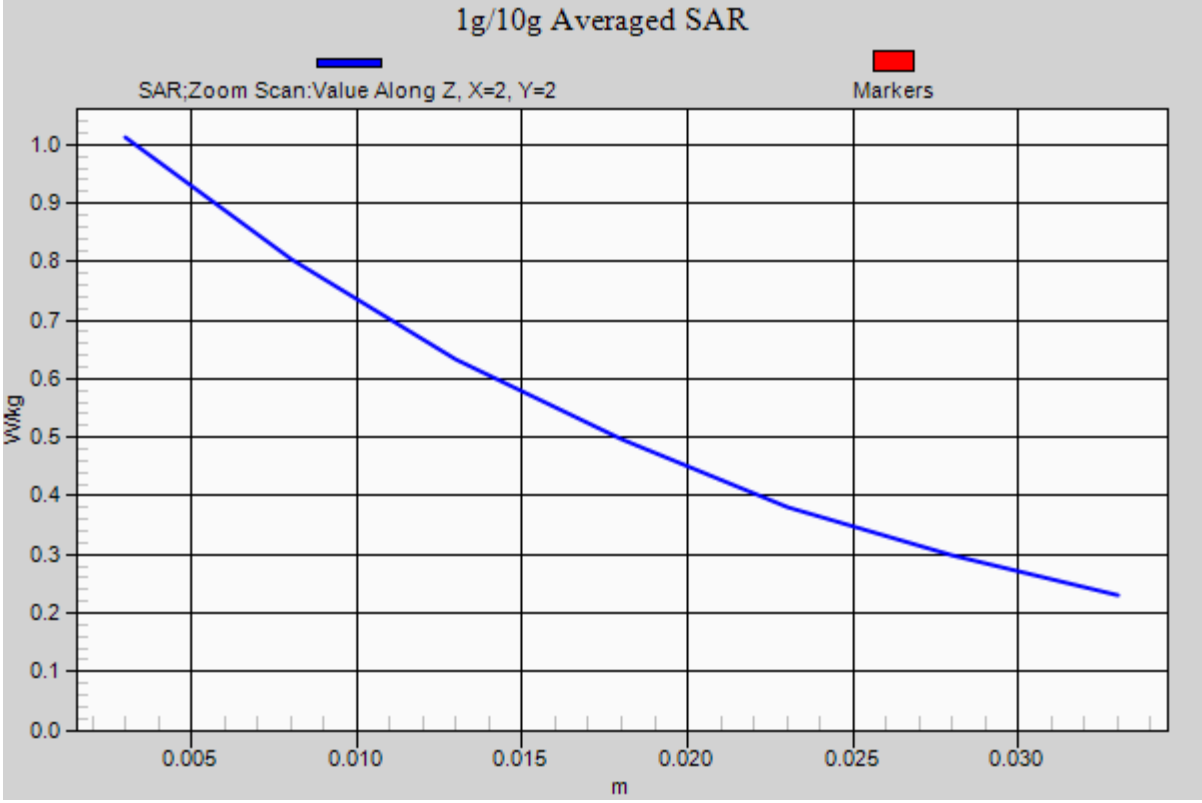
Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.989 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-24; Ambient Temp: 21.5 Tissue Temp:22.0

1cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

Area Scan (81x111x1): 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) = 1.15 W/kg
SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.708 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

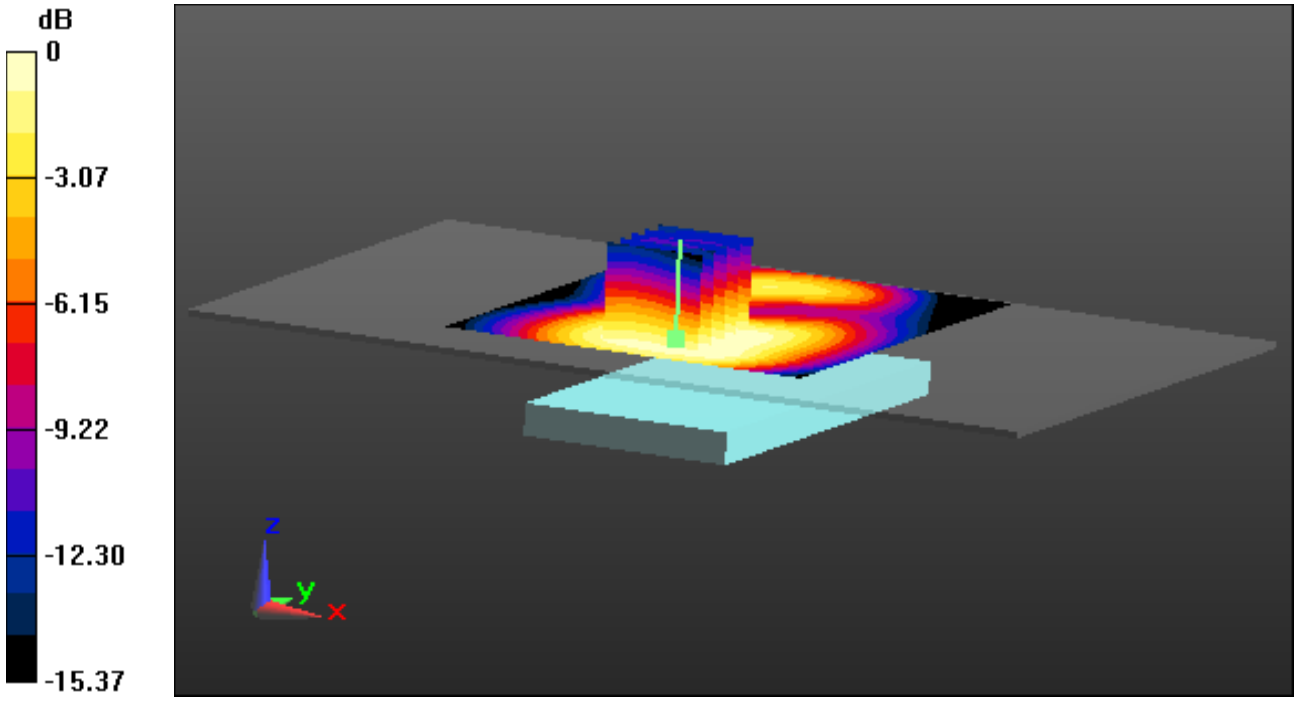
Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 51.361; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4 Tissue Temp:21.8

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

Area Scan (81x111x1): 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) = 0.544 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.232 W/kg



0 dB = 0.421 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 51.361; ρ = 1000 kg/m^3
Phantom section: Center Section

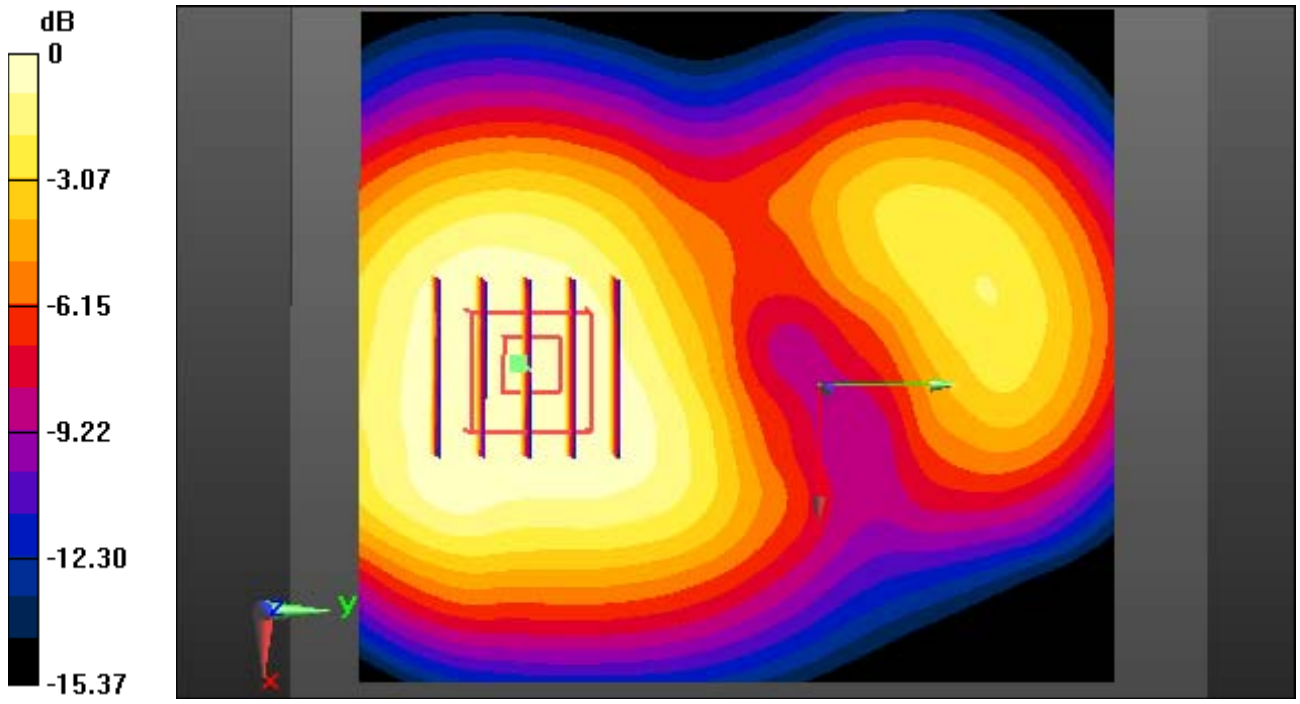
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4 Tissue Temp:21.8

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

With Enlarge plot image

Area Scan (81x111x1): 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) = 0.544 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.232 W/kg



0 dB = 0.421 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

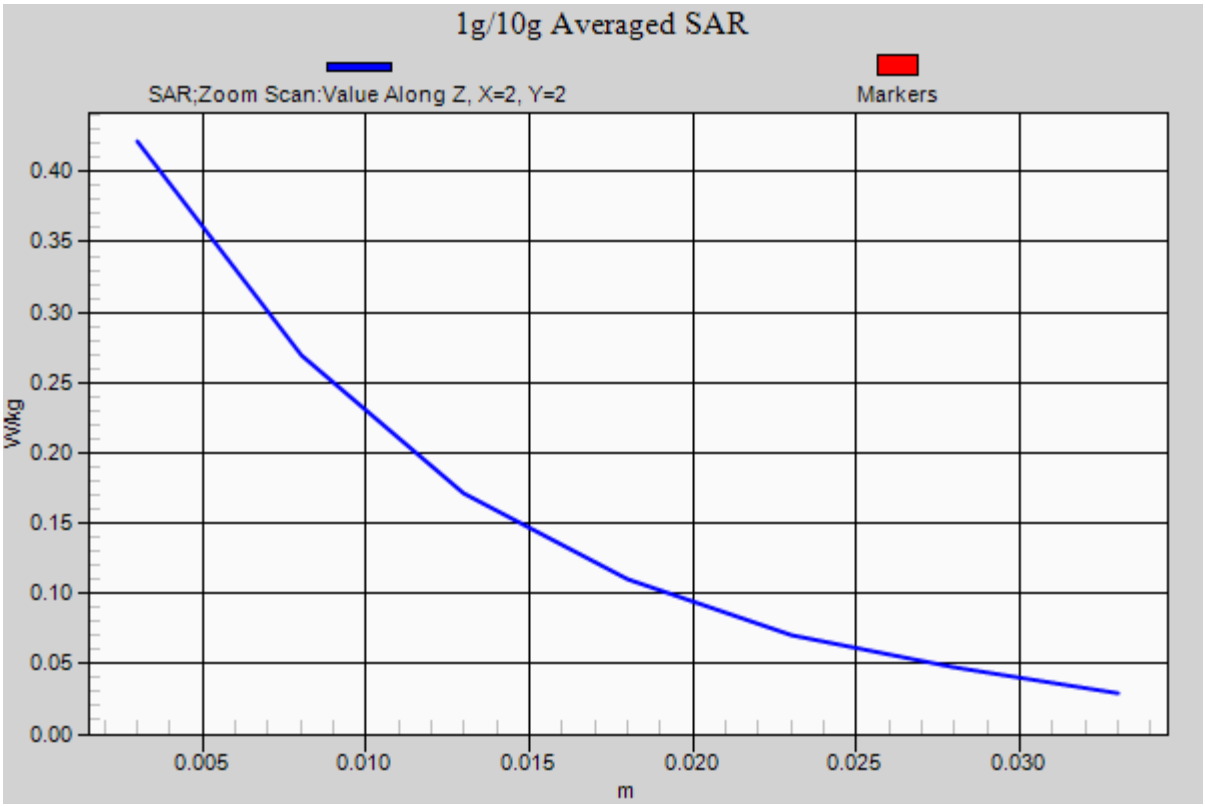
Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 51.361; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4 Tissue Temp:21.8

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

Area Scan (81x111x1): 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) = 0.544 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.232 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

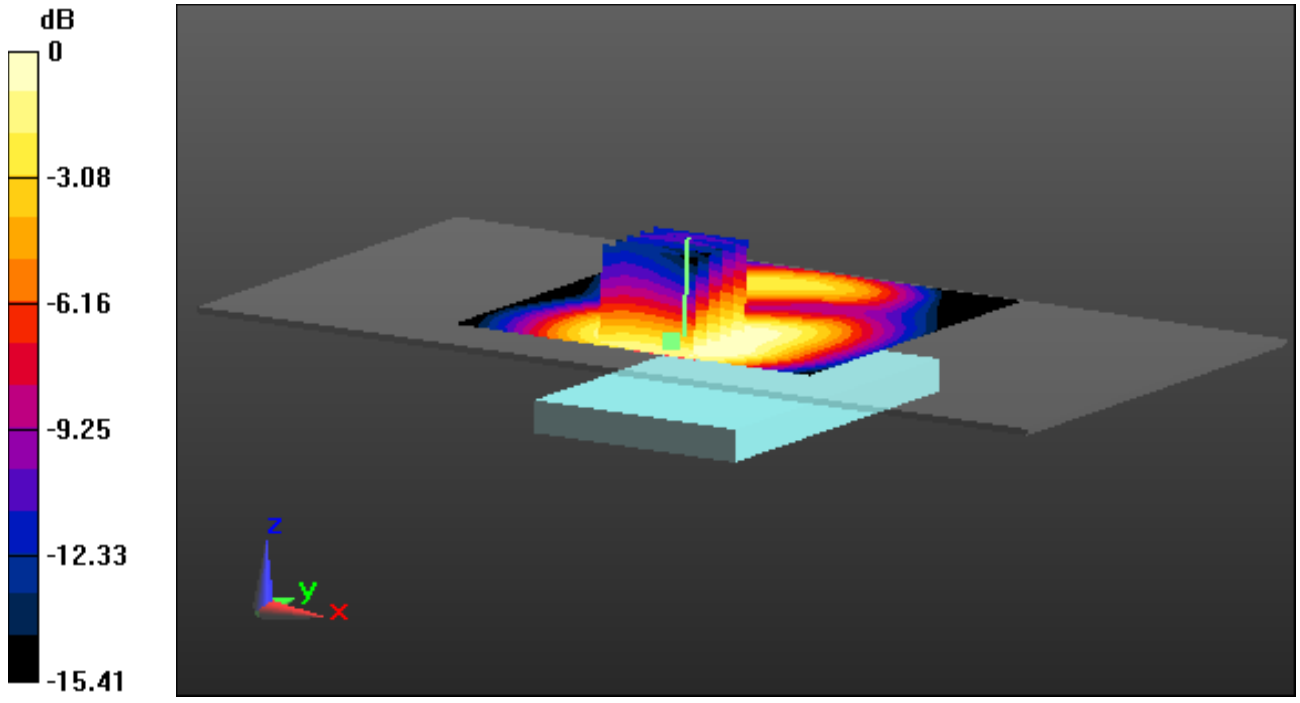
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 51.361; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4 Tissue Temp:21.8

1cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

Area Scan (81x111x1): 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) = 0.984 W/kg
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.425 W/kg



0 dB = 0.745 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 51.361; ρ = 1000 kg/m^3
Phantom section: Center Section

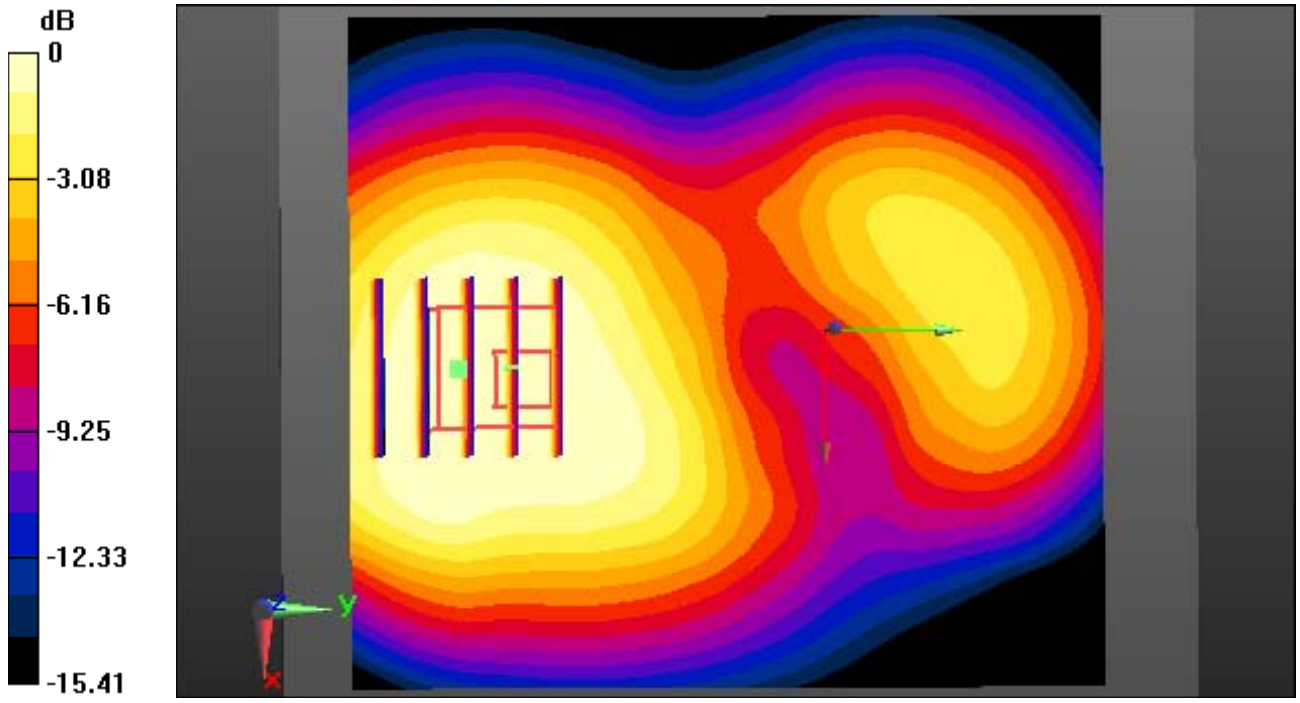
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4 Tissue Temp:21.8

1cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

With Enlarge plot image

Area Scan (81x111x1): 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) = 0.984 W/kg
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.425 W/kg



0 dB = 0.745 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

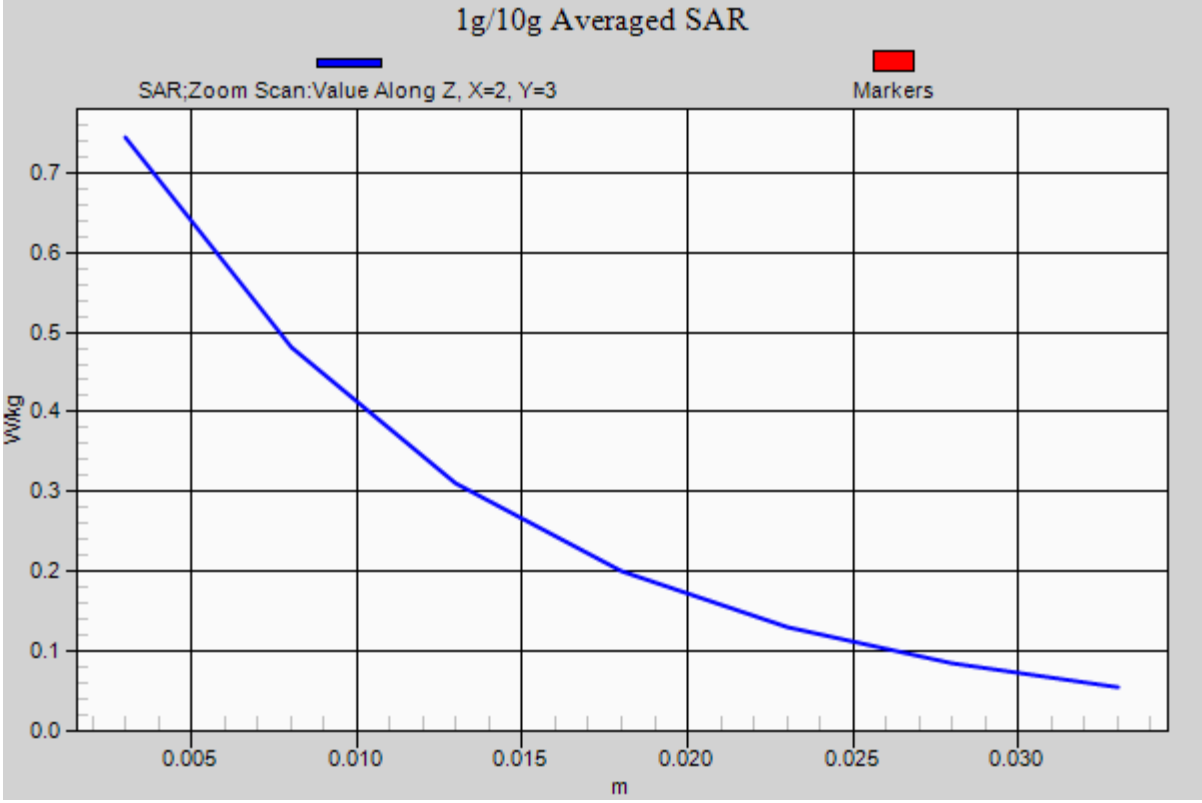
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 51.361; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-26; Ambient Temp: 21.4 Tissue Temp:21.8

1cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

Area Scan (81x111x1): 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) = 0.984 W/kg
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.425 W/kg



DUT: LG-H520G; Type: Bar

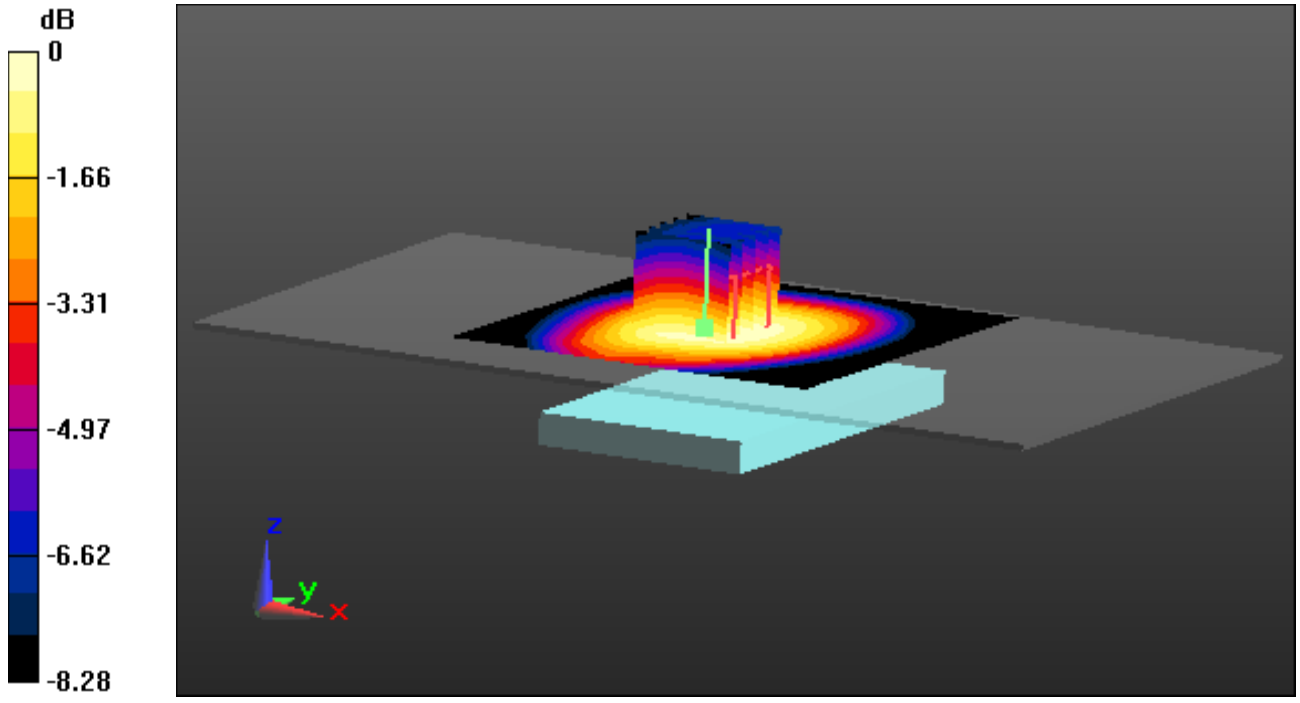
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.966 S/m; ε_r = 53.21; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-25; Ambient Temp: 21.1 Tissue Temp:21.5

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

Area Scan (81x111x1): 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) = 0.699 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.438 W/kg



0 dB = 0.621 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.966 S/m; ε_r = 53.21; ρ = 1000 kg/m^3
Phantom section: Left Section

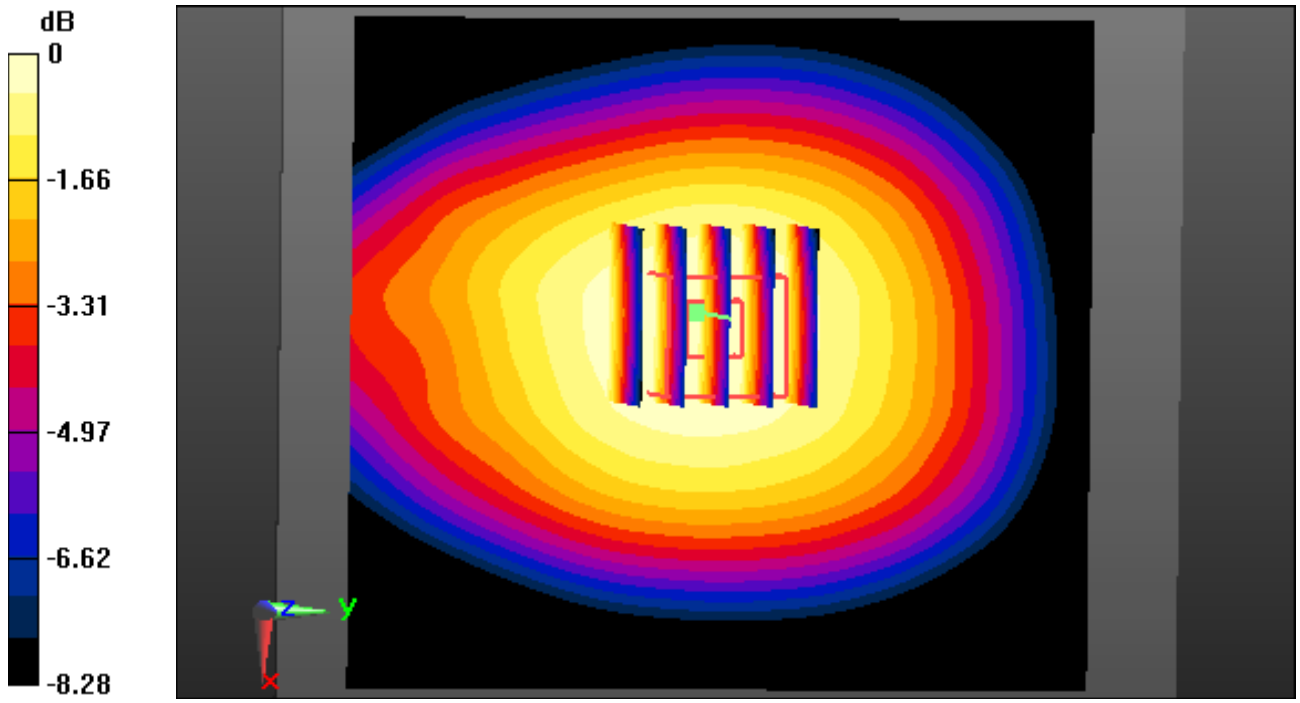
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-25; Ambient Temp: 21.1 Tissue Temp:21.5

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

With Enlarge plot image

Area Scan (81x111x1): 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) = 0.699 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.438 W/kg



0 dB = 0.621 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

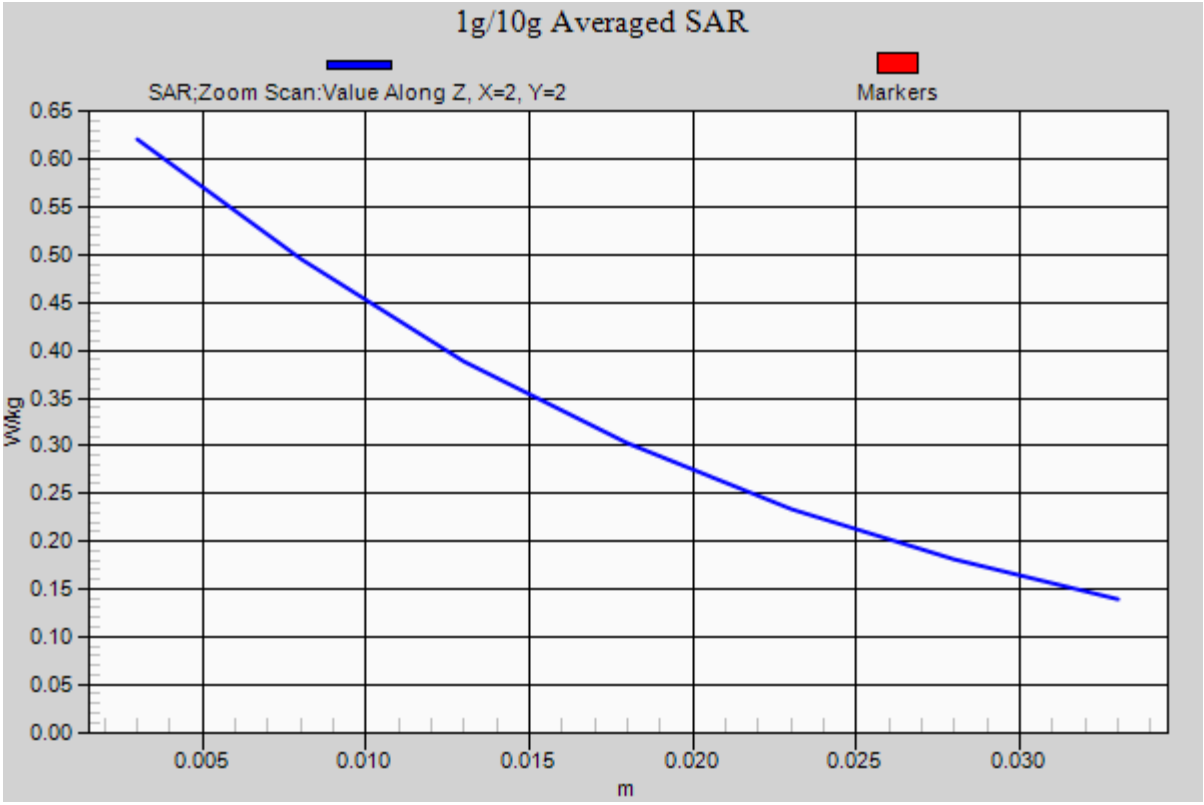
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.966 S/m; ε_r = 53.21; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-25; Ambient Temp: 21.1 Tissue Temp:21.5

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

Area Scan (81x111x1): 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) = 0.699 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.438 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

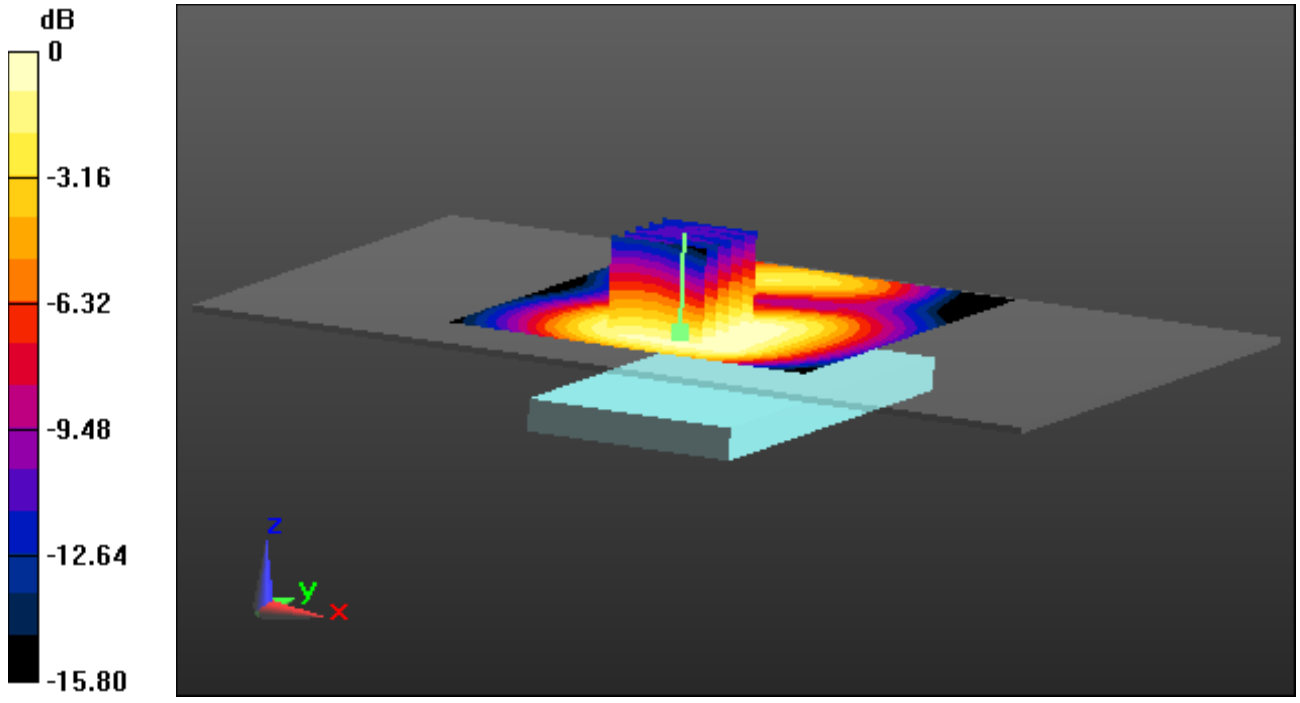
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.551 S/m; ε_r = 52.093; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-06; Ambient Temp: 21.4 Tissue Temp:22.0

1cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (81x111x1): 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) = 0.962 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.422 W/kg



0 dB = 0.741 W/kg

DUT: LG-H520G; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.551 S/m; ε_r = 52.093; ρ = 1000 kg/m^3
Phantom section: Center Section

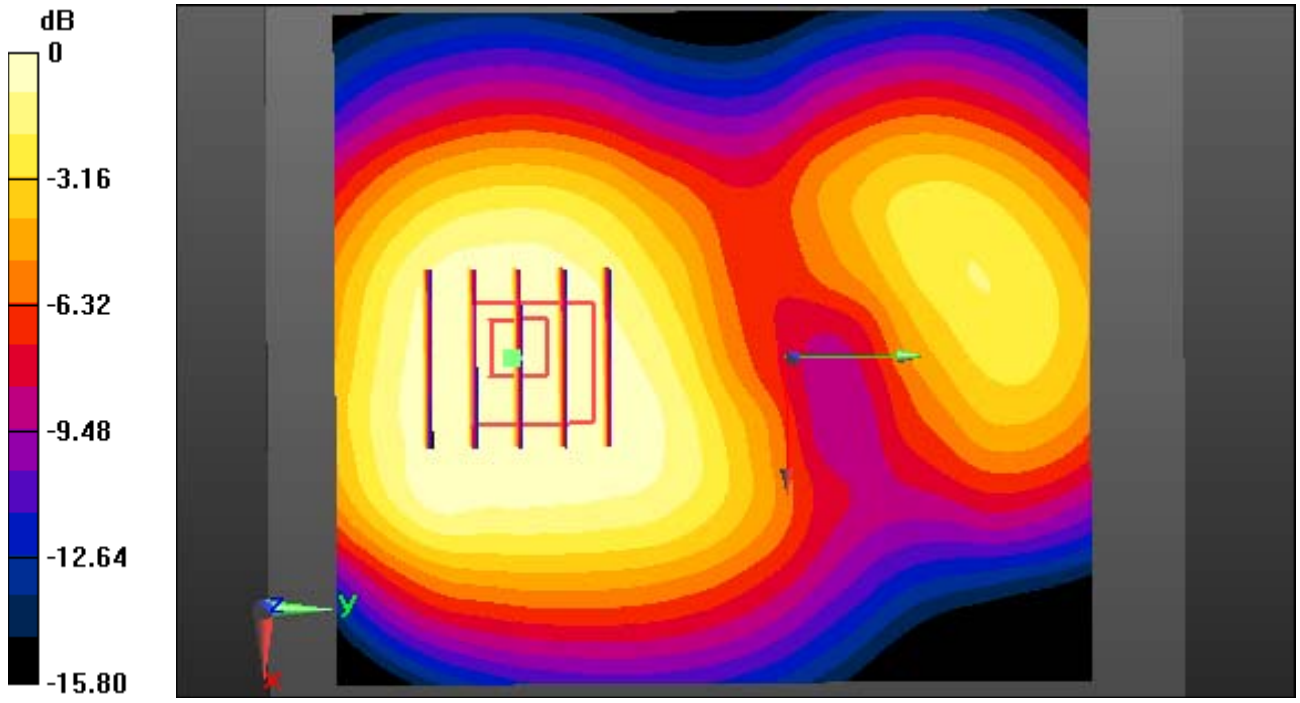
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-06; Ambient Temp: 21.4 Tissue Temp:22.0

1cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge plot image

Area Scan (81x111x1): 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) = 0.962 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.422 W/kg



0 dB = 0.741 W/kg

DUT: LG-H520G; Type: Bar

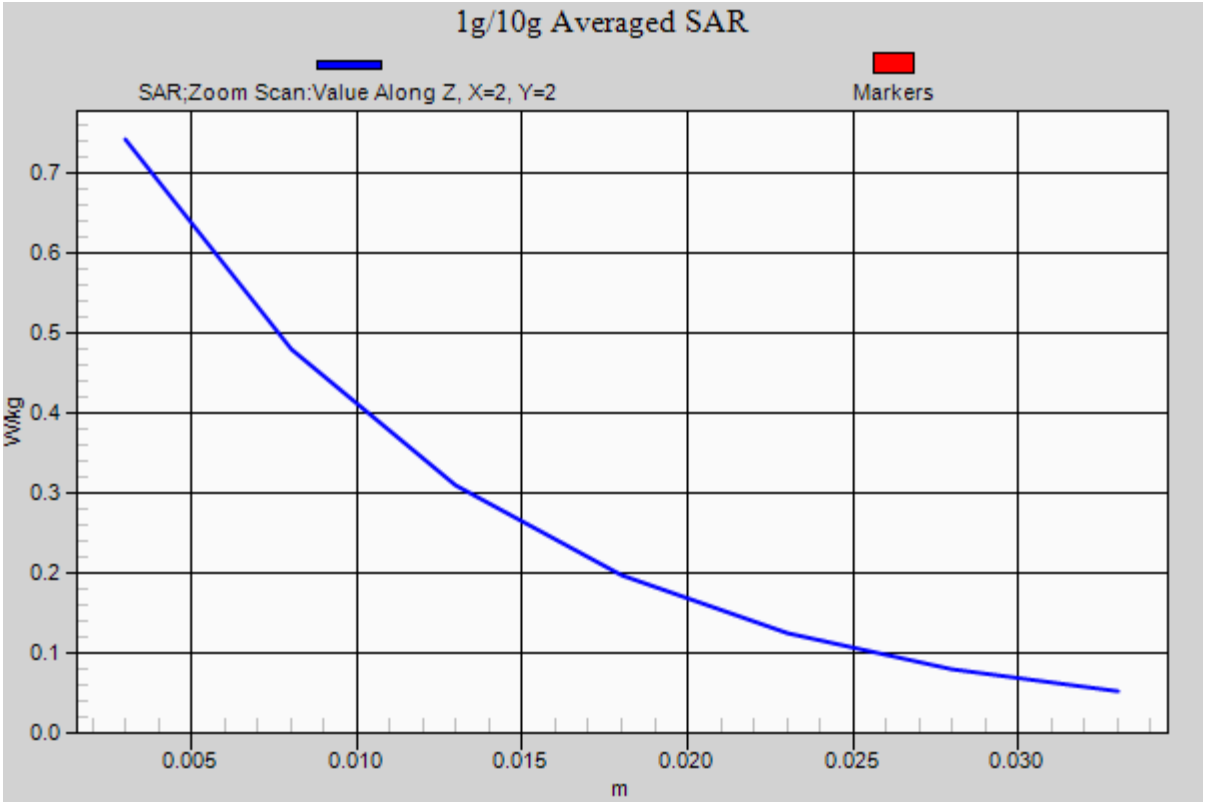
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.551 S/m; ε_r = 52.093; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-06; Ambient Temp: 21.4 Tissue Temp:22.0

1cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (81x111x1): 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) = 0.962 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.422 W/kg



DUT: LG-H520G; Type: Bar

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.49 S/m; ε_r = 54.101; ρ = 1000 kg/m^3
Phantom section: Left Section

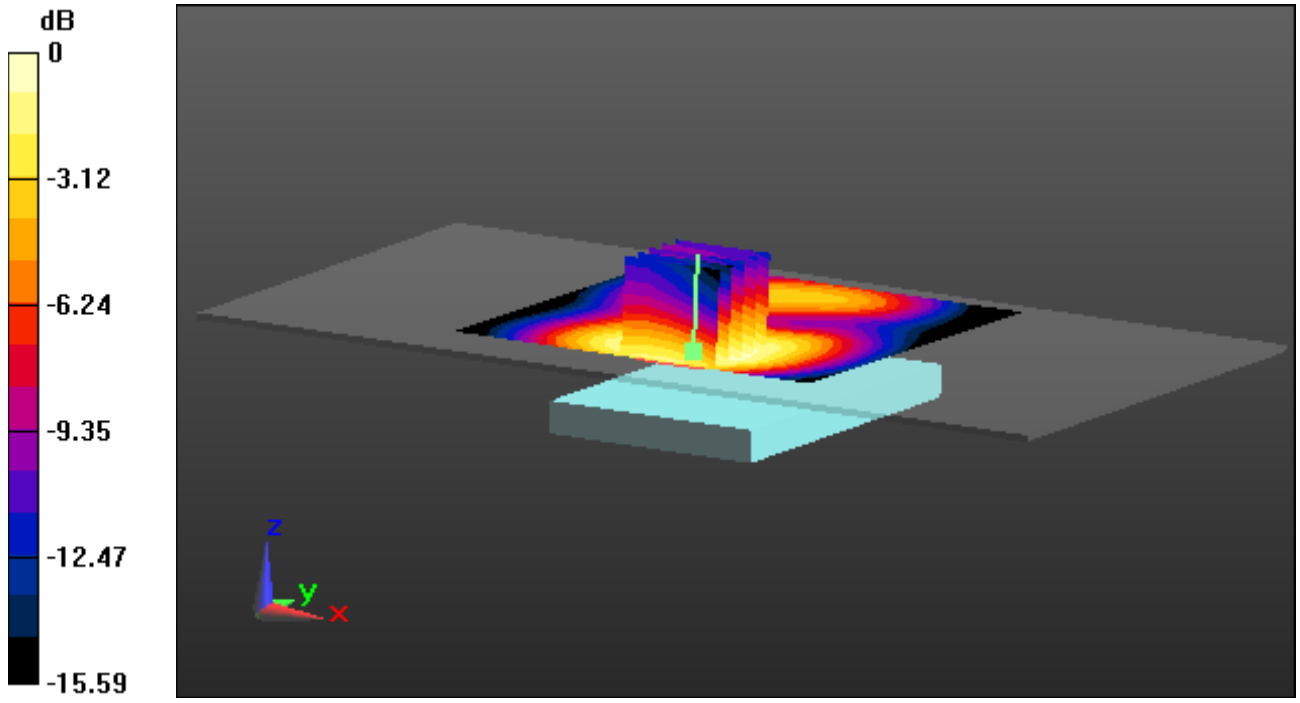
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.81, 7.81, 7.81); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-13; Ambient Temp: 21.7 Tissue Temp:22.1

1cm space from Body, Rear, LTE Band 4 Ch. 20300, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:0

Area Scan (81x111x1): 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) = 1.12 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.502 W/kg



0 dB = 0.951 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.49 S/m; ε_r = 54.101; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.81, 7.81, 7.81); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

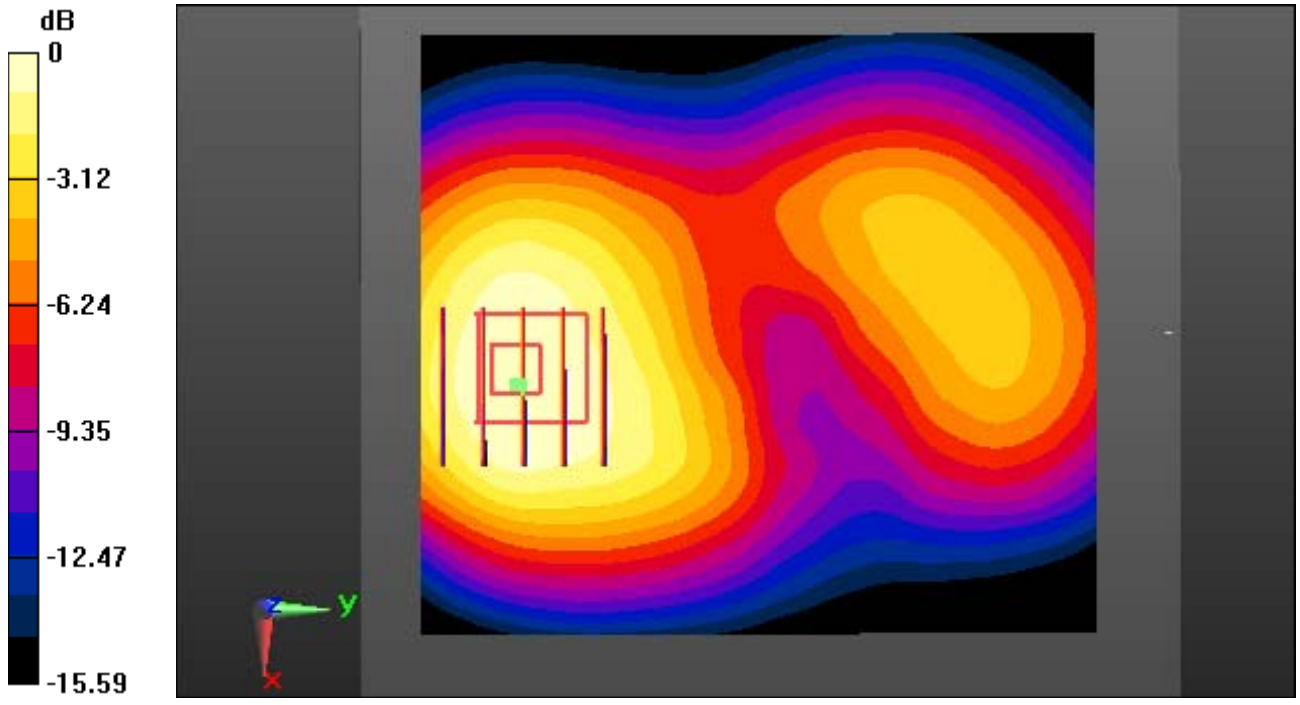
Test Date: 2015-03-13; Ambient Temp: 21.7 Tissue Temp:22.1

1cm space from Body, Rear, LTE Band 4 Ch. 20300, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:0

With Enlarge plot image

Area Scan (81x111x1): 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) = 1.12 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.502 W/kg



0 dB = 0.951 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.49 S/m; ε_r = 54.101; ρ = 1000 kg/m^3
Phantom section: Left Section

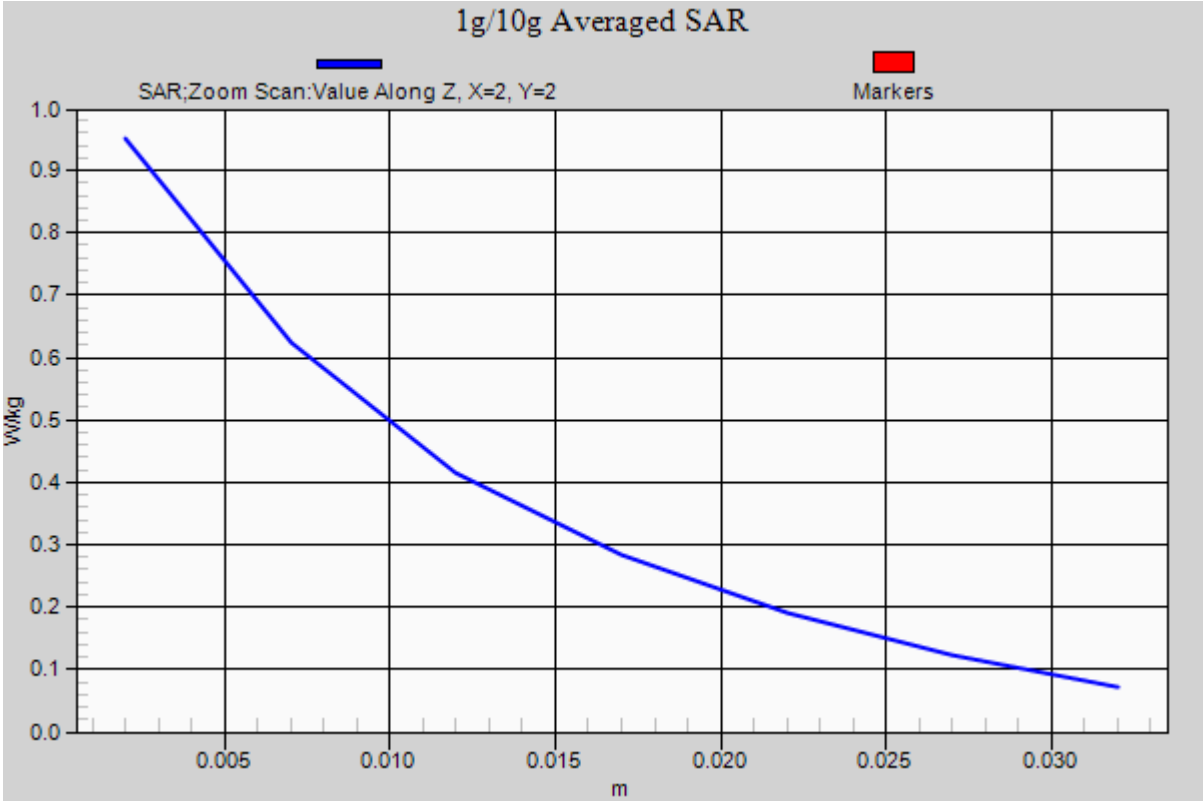
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.81, 7.81, 7.81); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-13; Ambient Temp: 21.7 Tissue Temp:22.1

1cm space from Body, Rear, LTE Band 4 Ch. 20300, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:0

Area Scan (81x111x1): 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) = 1.12 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.502 W/kg



DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 2(FCC) (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.538 S/m; ε_r = 51.917; ρ = 1000 kg/m^3
Phantom section: Center Section

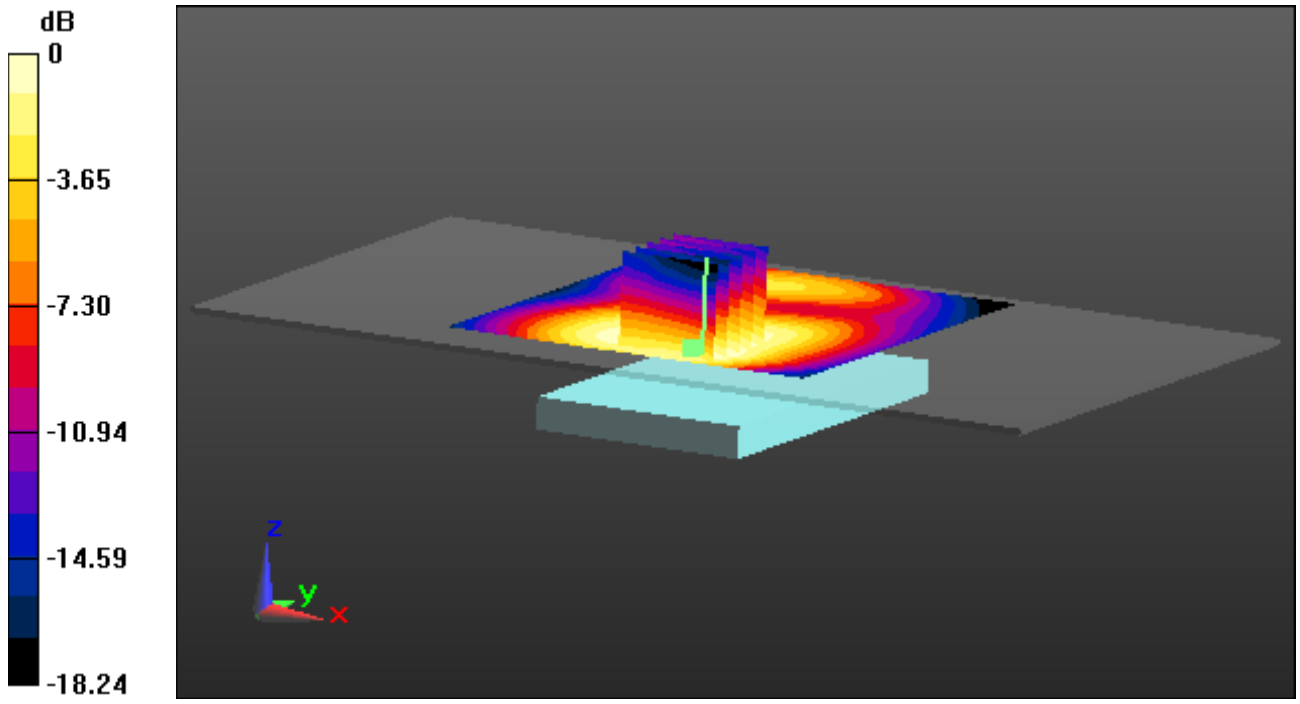
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.4, 7.4, 7.4); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-04; Ambient Temp: 21.1 Tissue Temp:21.6

1cm space from Body, Rear, LTE Band 2 Ch. 19100, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:99

Area Scan (81x111x1): 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) = 1.25 W/kg
SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.460 W/kg



0 dB = 0.960 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 2(FCC) (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.538 S/m; ε_r = 51.917; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.4, 7.4, 7.4); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

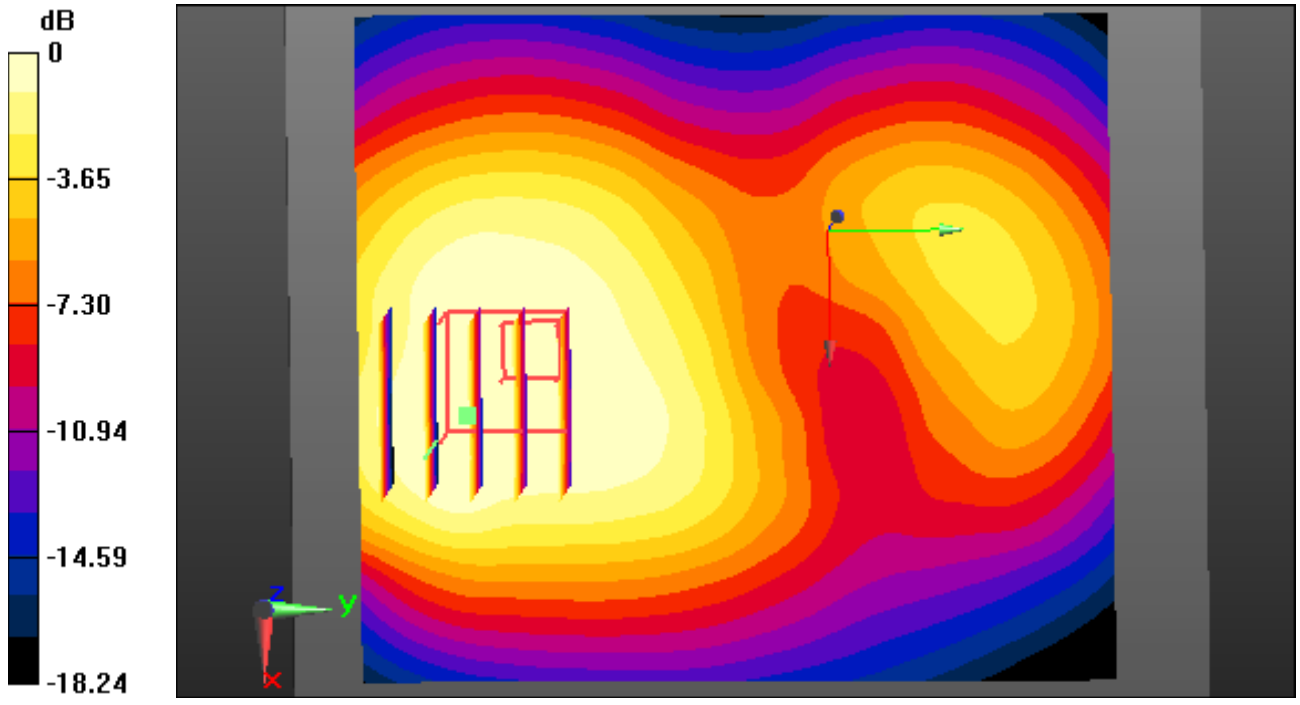
Test Date: 2015-03-04; Ambient Temp: 21.1 Tissue Temp:21.6

1cm space from Body, Rear, LTE Band 2 Ch. 19100, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:99

With Enlarge plot image

Area Scan (81x111x1): 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) = 1.25 W/kg
SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.460 W/kg



0 dB = 0.960 W/kg

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 2(FCC) (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.538 S/m; ε_r = 51.917; ρ = 1000 kg/m^3
Phantom section: Center Section

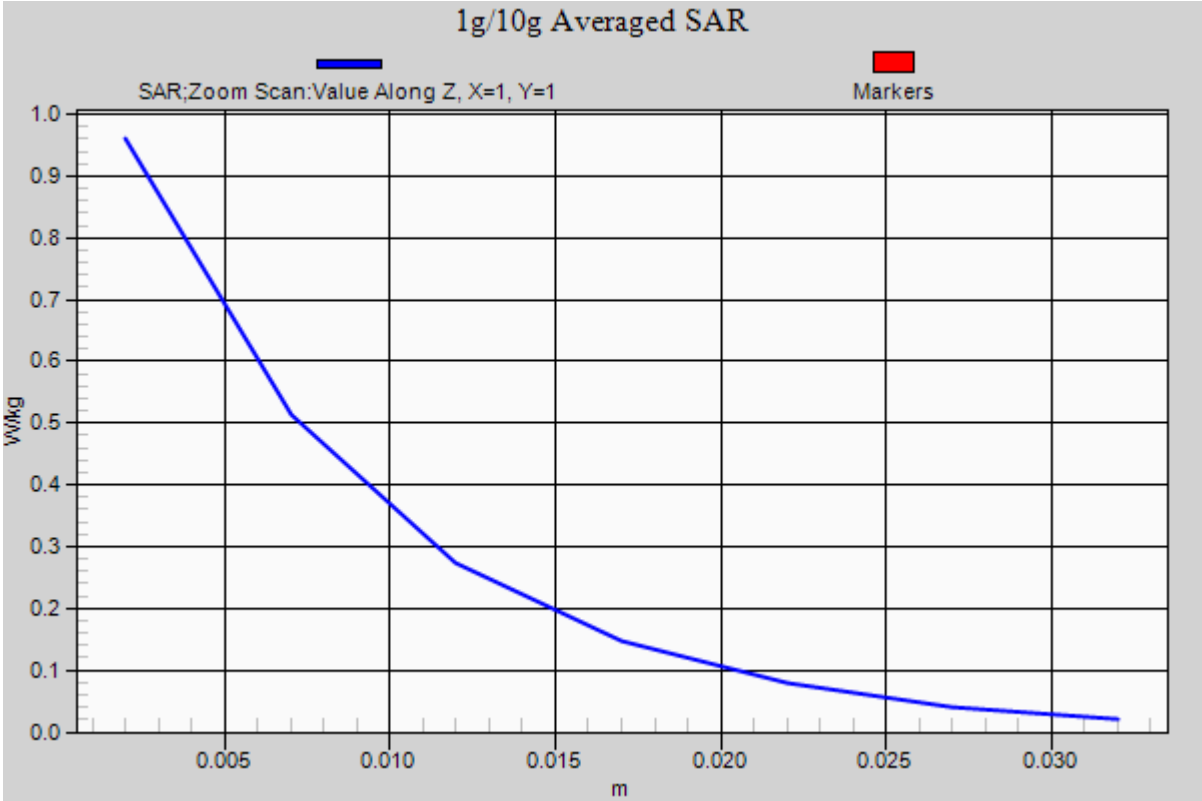
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.4, 7.4, 7.4); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-04; Ambient Temp: 21.1 Tissue Temp:21.6

1cm space from Body, Rear, LTE Band 2 Ch. 19100, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:99

Area Scan (81x111x1): 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) = 1.25 W/kg
SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.460 W/kg



DUT: LG-H520G; Type: Bar

Communication System: LTE Band 7(FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.039 S/m; ε_r = 51.307; ρ = 1000 kg/m^3
Phantom section: Center Section

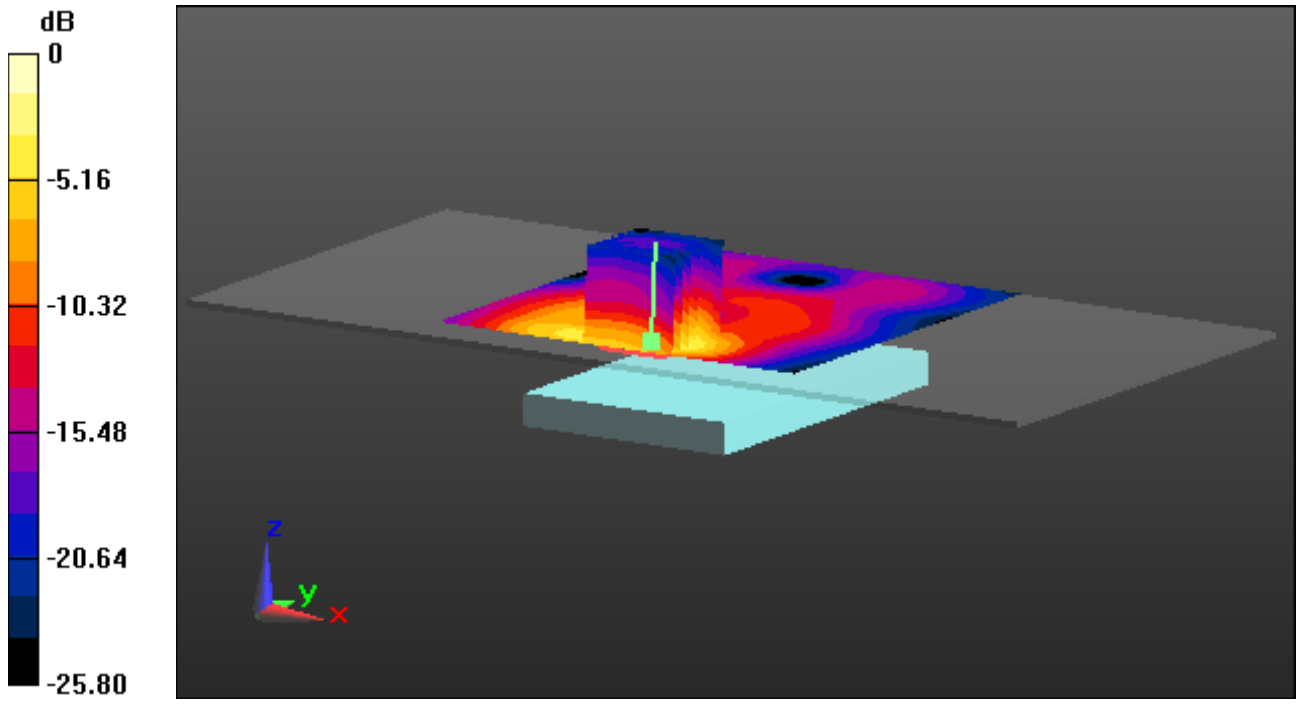
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.74, 6.74, 6.74); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-21; Ambient Temp: 22.2 Tissue Temp:22.7

1cm space from Body, Rear, LTE Band 7 Ch. 20850, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 99

Area Scan (101x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.538 W/kg



0 dB = 1.86 W/kg

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 7(FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.039 S/m; ε_r = 51.307; ρ = 1000 kg/m^3
Phantom section: Center Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.74, 6.74, 6.74); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

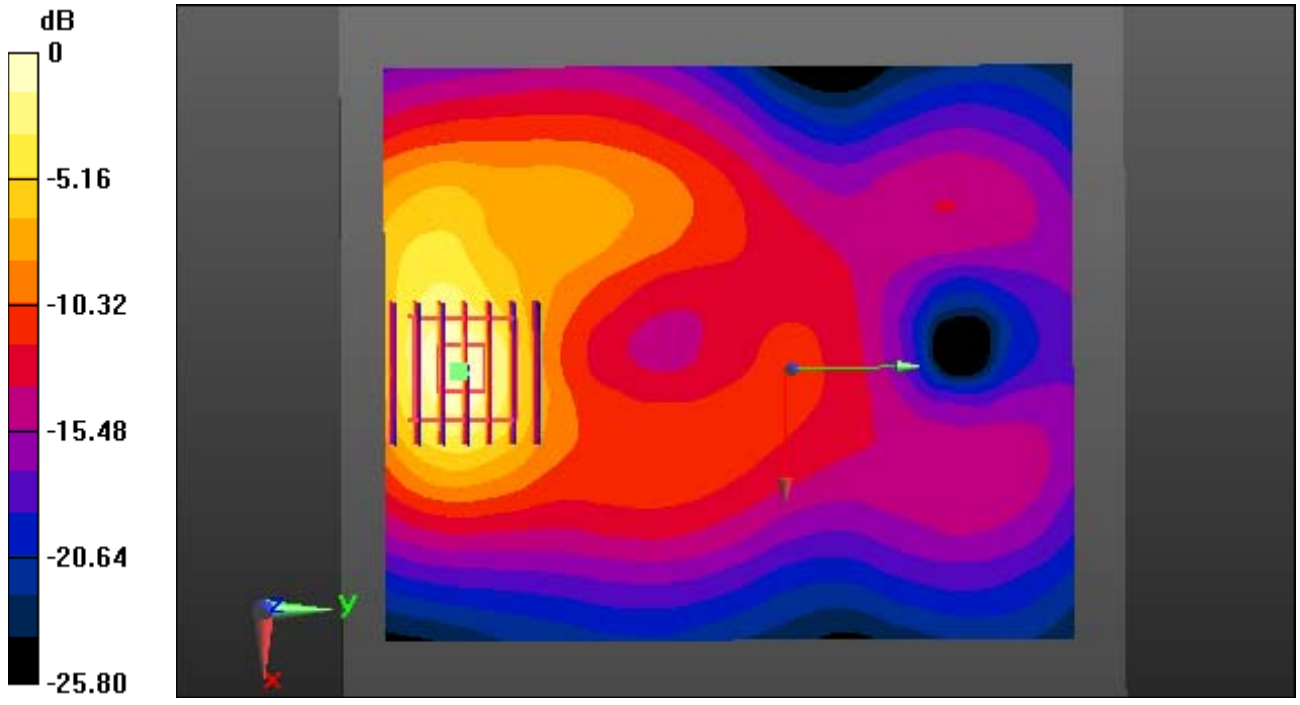
Test Date: 2015-03-21; Ambient Temp: 22.2 Tissue Temp:22.7

1cm space from Body, Rear, LTE Band 7 Ch. 20850, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 99

With Enlarge plot image

Area Scan (101x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.538 W/kg



0 dB = 1.86 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Band 7(FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.039 S/m; ε_r = 51.307; ρ = 1000 kg/m^3
Phantom section: Center Section

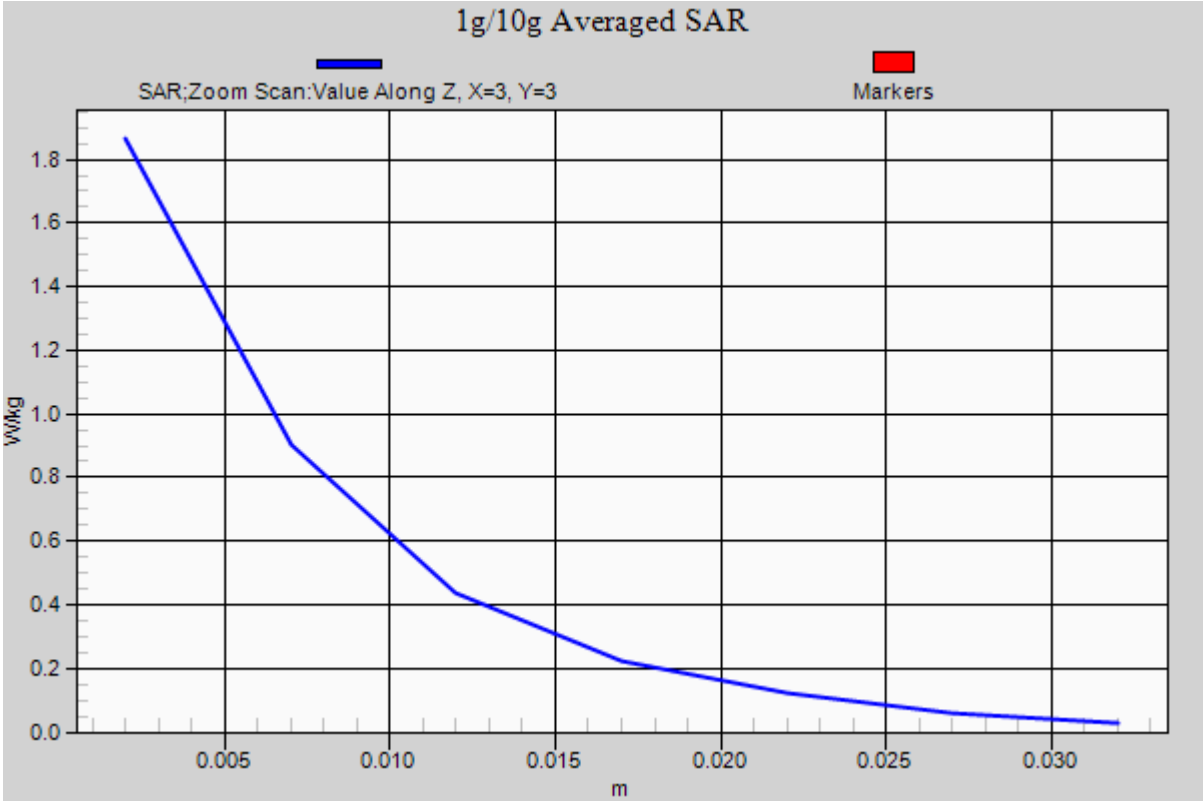
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(6.74, 6.74, 6.74); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-21; Ambient Temp: 22.2 Tissue Temp:22.7

1cm space from Body, Rear, LTE Band 7 Ch. 20850, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 99

Area Scan (101x141x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.538 W/kg



DUT: LG-H520G; Type: Bar

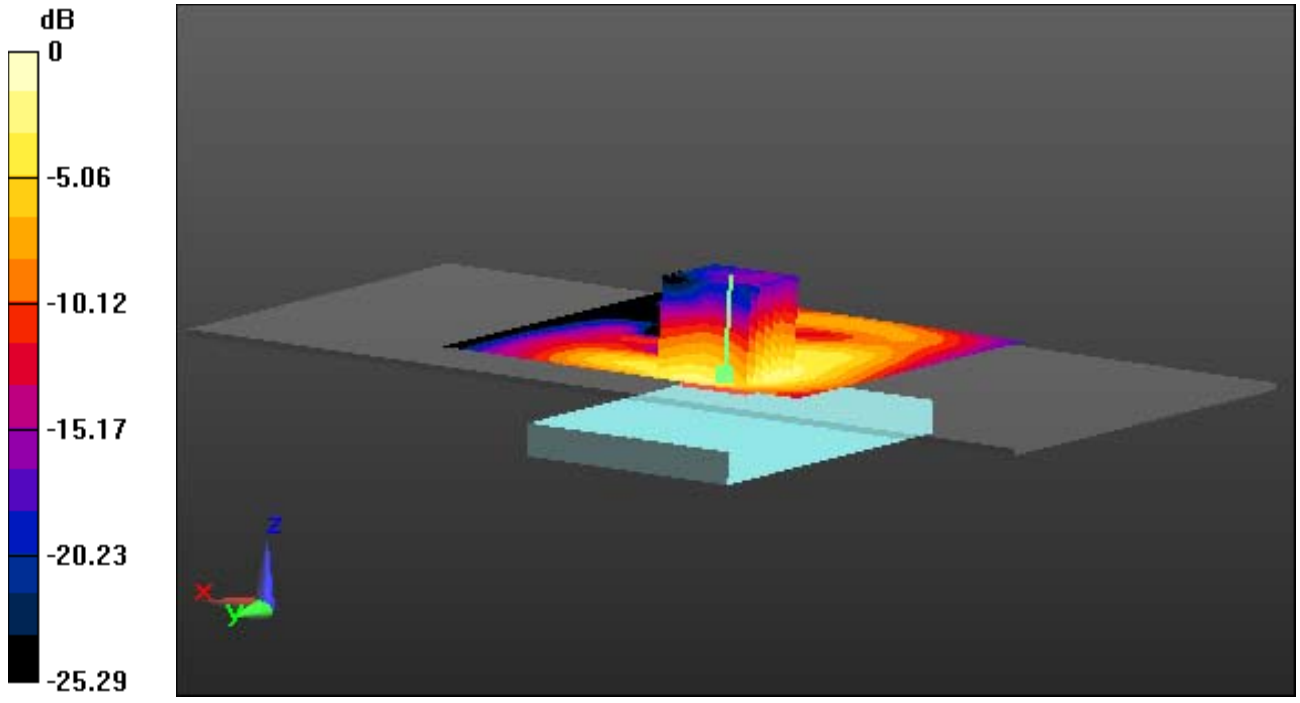
Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.963 S/m; ε_r = 51.945; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-27; Ambient Temp: 21.0 Tissue Temp:21.4

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

Area Scan (101x141x1): 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) = 0.228 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.065 W/kg



0 dB = 0.154 W/kg

DUT: LG-H520G; Type: Bar

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.963 S/m; ε_r = 51.945; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-27; Ambient Temp: 21.0 Tissue Temp:21.4

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

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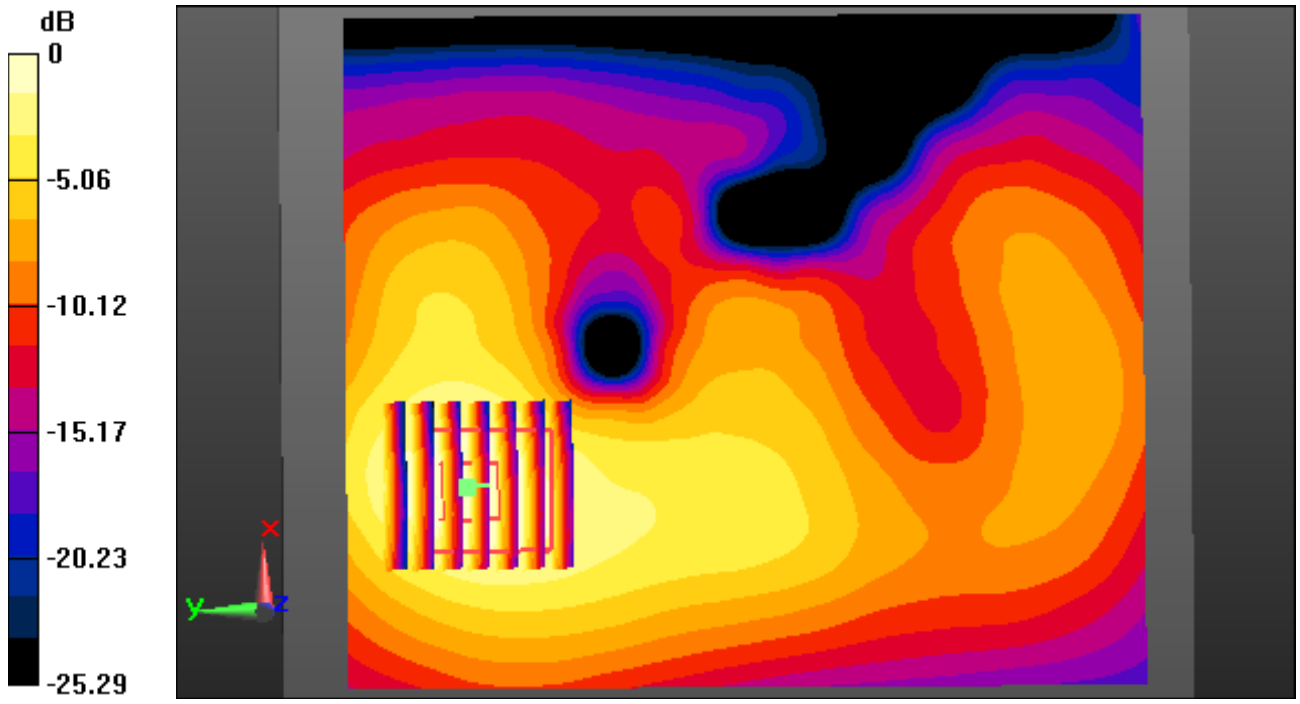
Area Scan (101x141x1): Interpolated grid: dx=12 mm, dy=12 mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.065 W/kg



0 dB = 0.154 W/kg

DUT: LG-H520G; Type: Bar

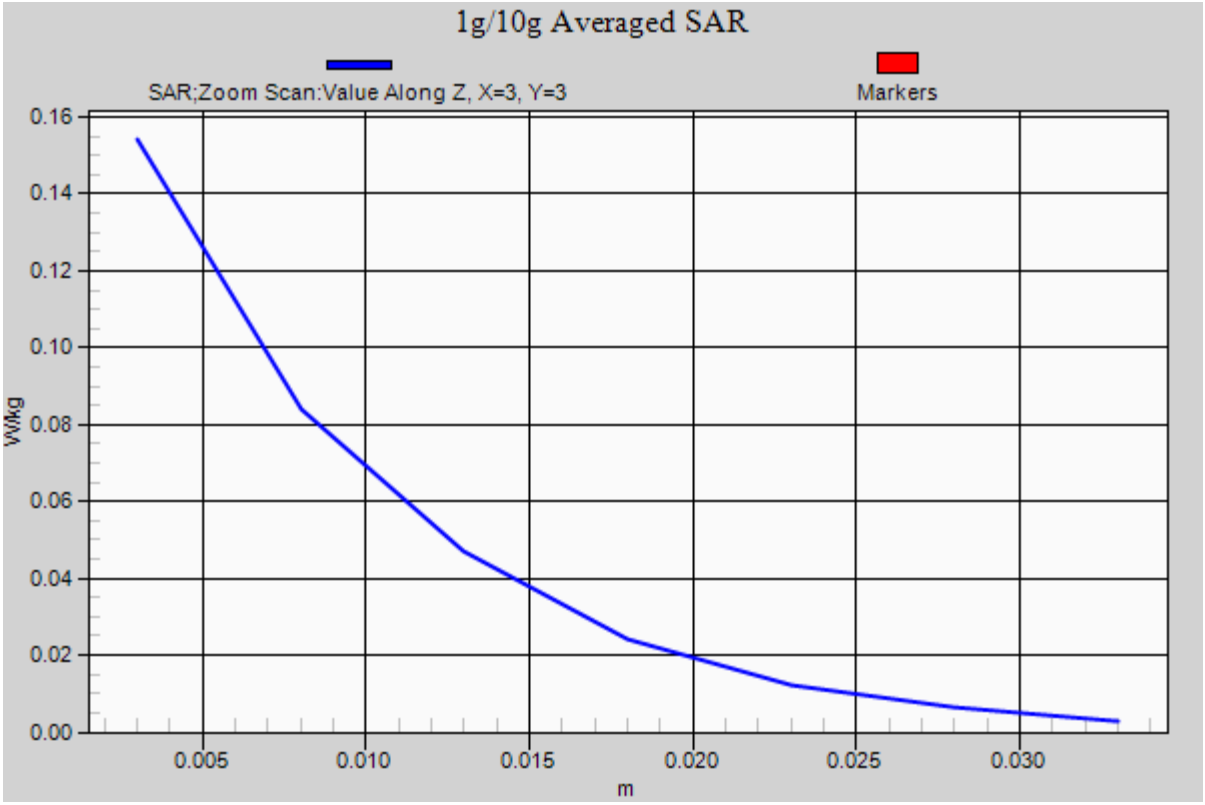
Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.963 S/m; ε_r = 51.945; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-02-27; Ambient Temp: 21.0 Tissue Temp:21.4

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

Area Scan (101x141x1): 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) = 0.228 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.065 W/kg



DUT: LG-H520G; Type: Bar

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.469 S/m; ε_r = 54.123; ρ = 1000 kg/m^3
Phantom section: Left Section

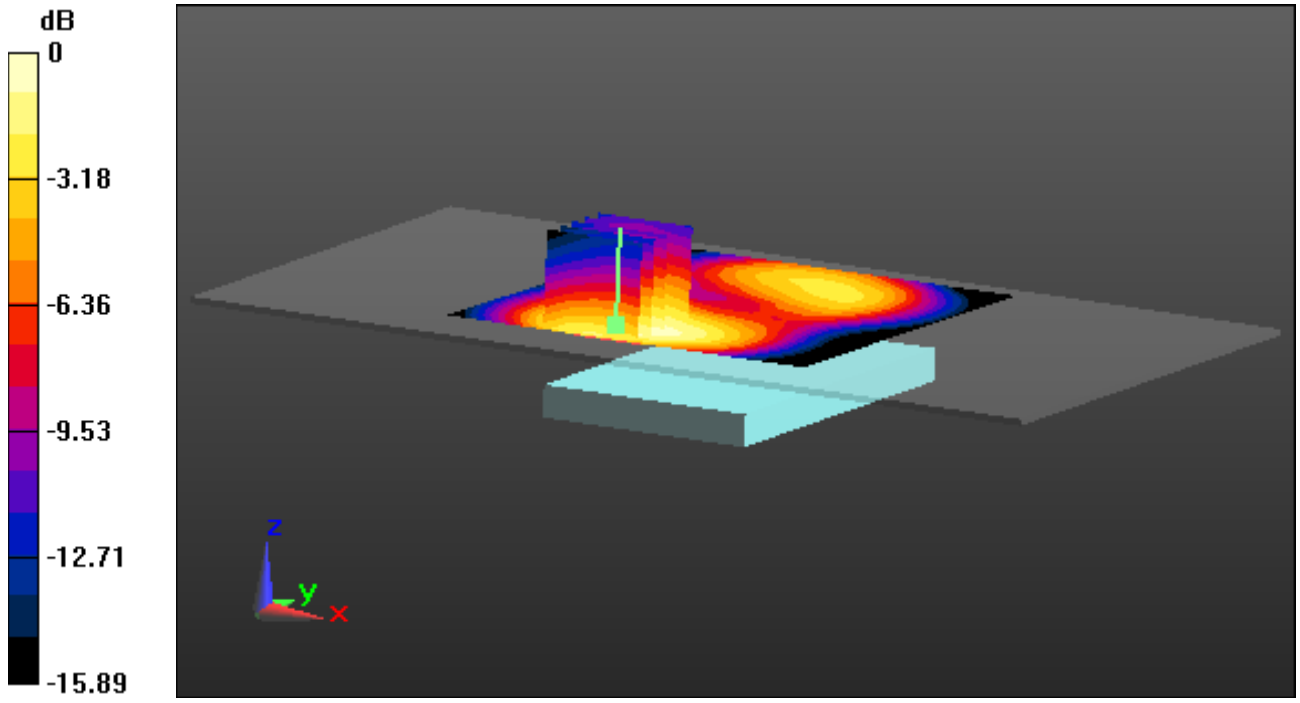
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.81, 7.81, 7.81); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-13; Ambient Temp: 21.7 Tissue Temp:22.1

1cm space from Body, Front, LTE Band 4 Ch. 20050, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:0

Area Scan (81x111x1): 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) = 1.27 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.554 W/kg



0 dB = 1.07 W/kg

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DUT: LG-H520G; Type: Bar

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.469 S/m; ε_r = 54.123; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.81, 7.81, 7.81); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

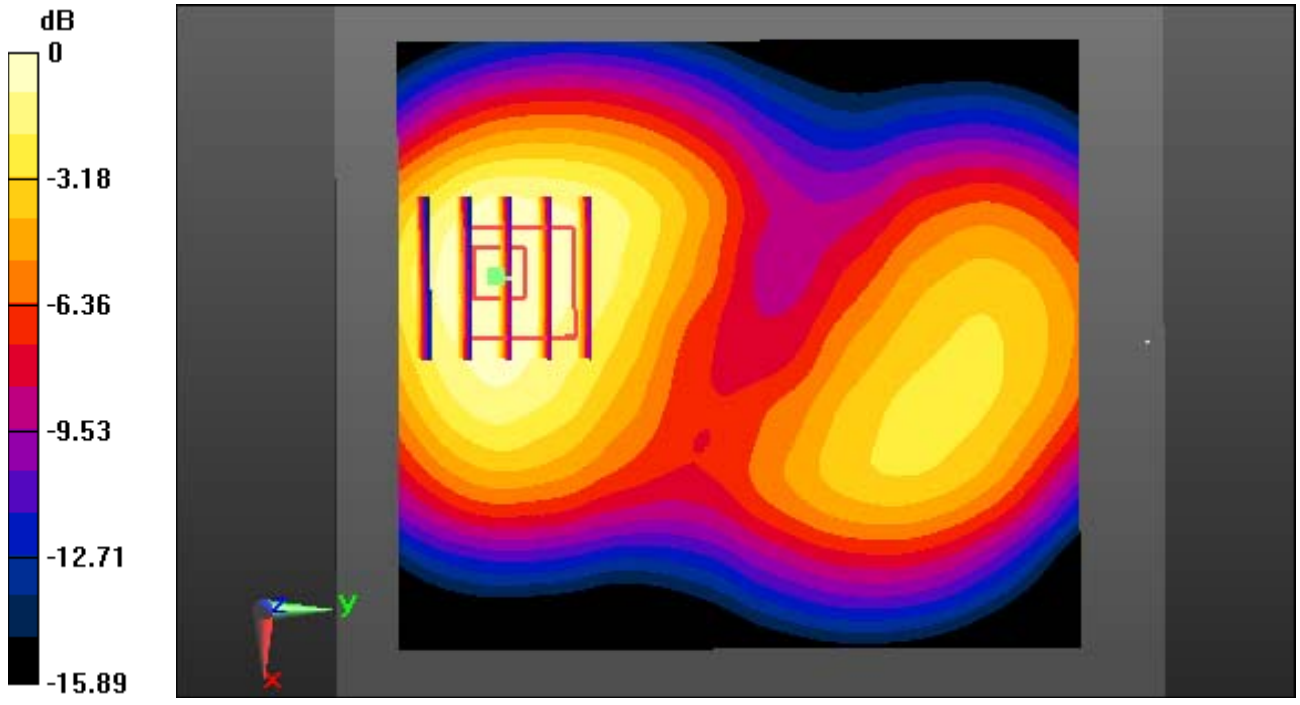
Test Date: 2015-03-13; Ambient Temp: 21.7 Tissue Temp:22.1

1cm space from Body, Front, LTE Band 4 Ch. 20050, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:0

With Enlarge plot image

Area Scan (81x111x1): 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) = 1.27 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.554 W/kg



0 dB = 1.07 W/kg

DT&C Co., Ltd.

DUT: LG-H520G; Type: Bar

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.469 S/m; ε_r = 54.123; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.81, 7.81, 7.81); Calibrated: 5/20/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-13; Ambient Temp: 21.7 Tissue Temp:22.1

1cm space from Body, Front, LTE Band 4 Ch. 20050, Ant Internal

Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset:0

Area Scan (81x111x1): 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) = 1.27 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.554 W/kg