SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

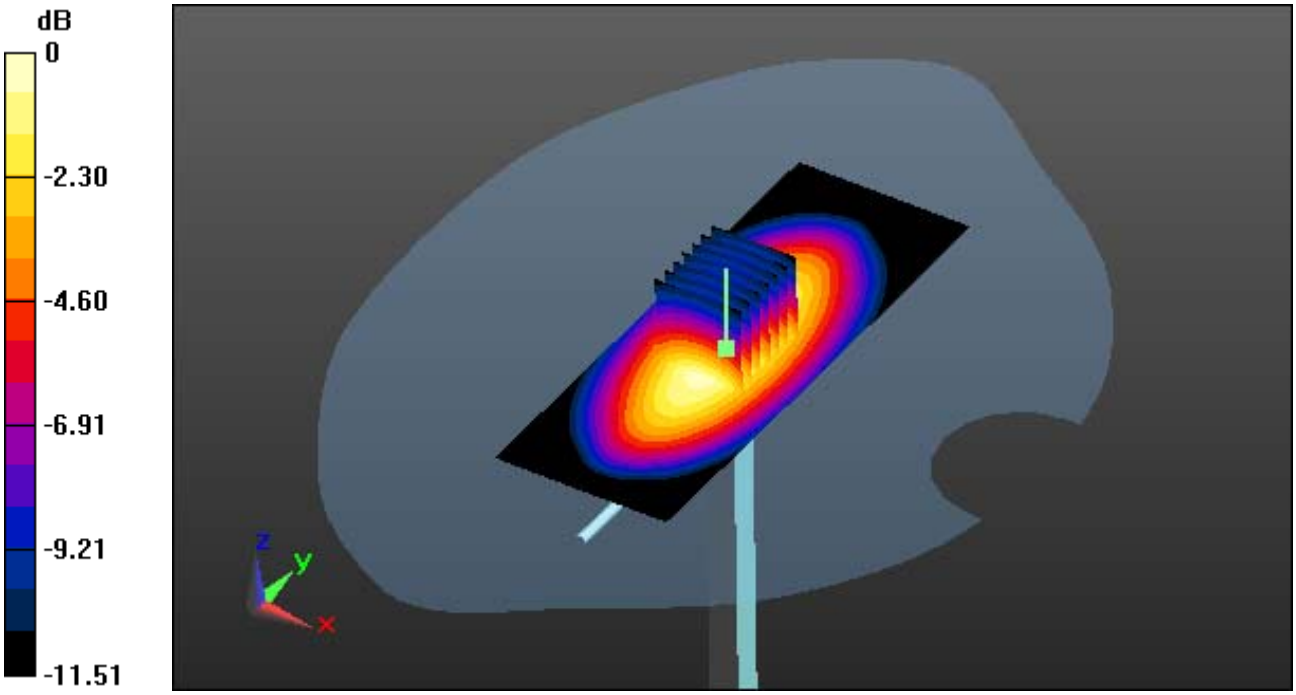
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.894 S/m; ε_r = 42.569; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-06; Ambient Temp: 21.2; Tissue Temp:21.5

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 = -0.02 dB
Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.58 W/kg



0 dB = 3.05 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

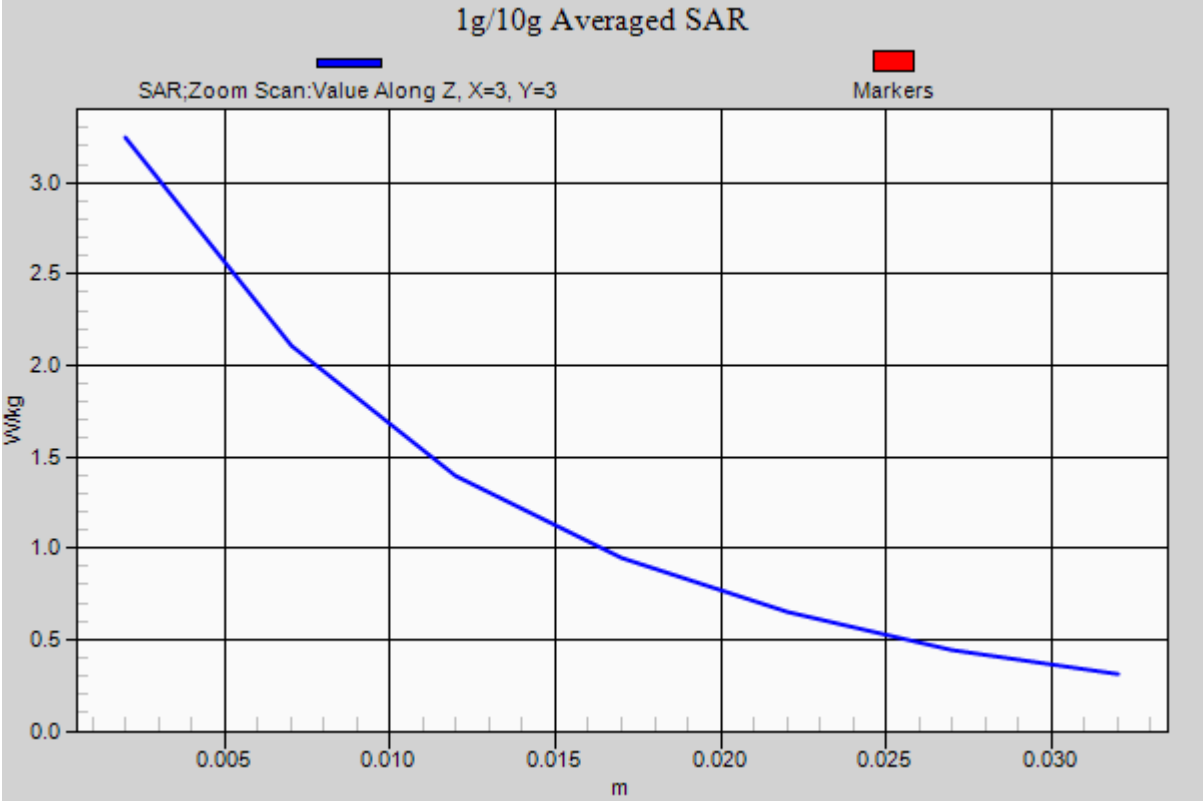
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.894 S/m; ε_r = 42.569; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-06; Ambient Temp: 21.2; Tissue Temp:21.5

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 = -0.02 dB
Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.58 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

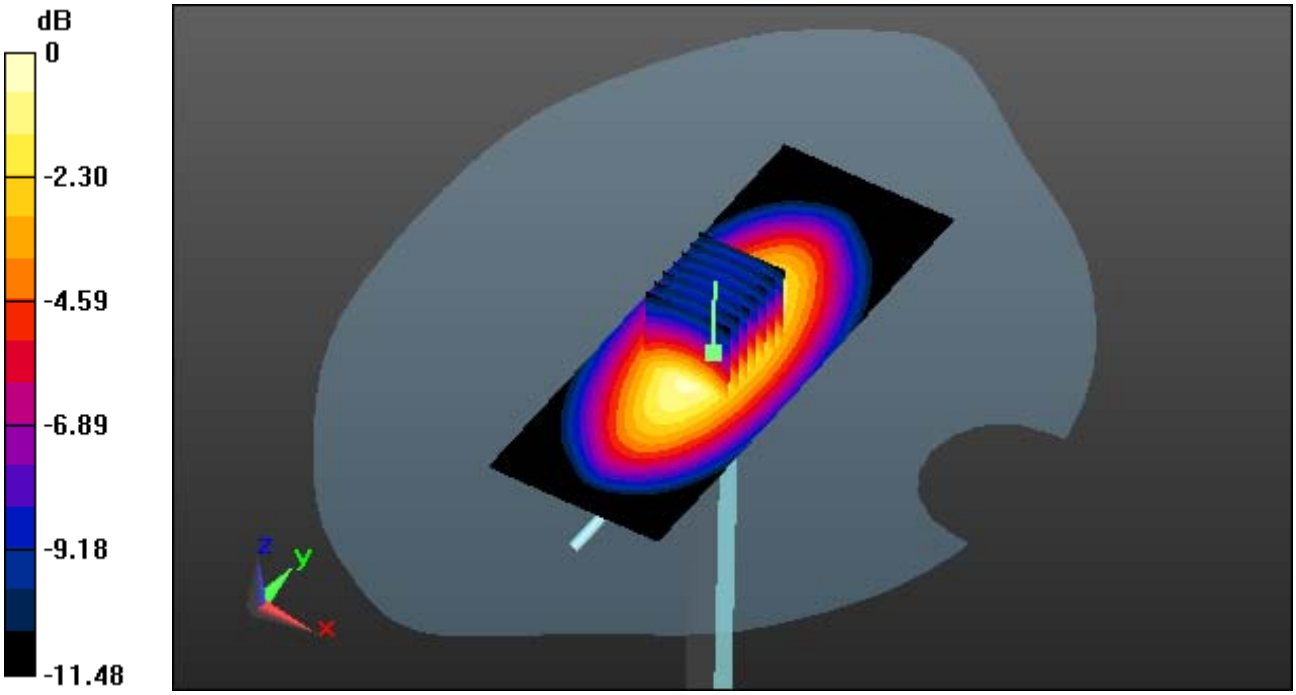
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.978 S/m; ε_r = 53.297; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-07; Ambient Temp: 21.0; Tissue Temp:21.3

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 = 0.00 dB
Peak SAR (extrapolated) = 3.88 W/kg
SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.59 W/kg



0 dB = 3.24 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

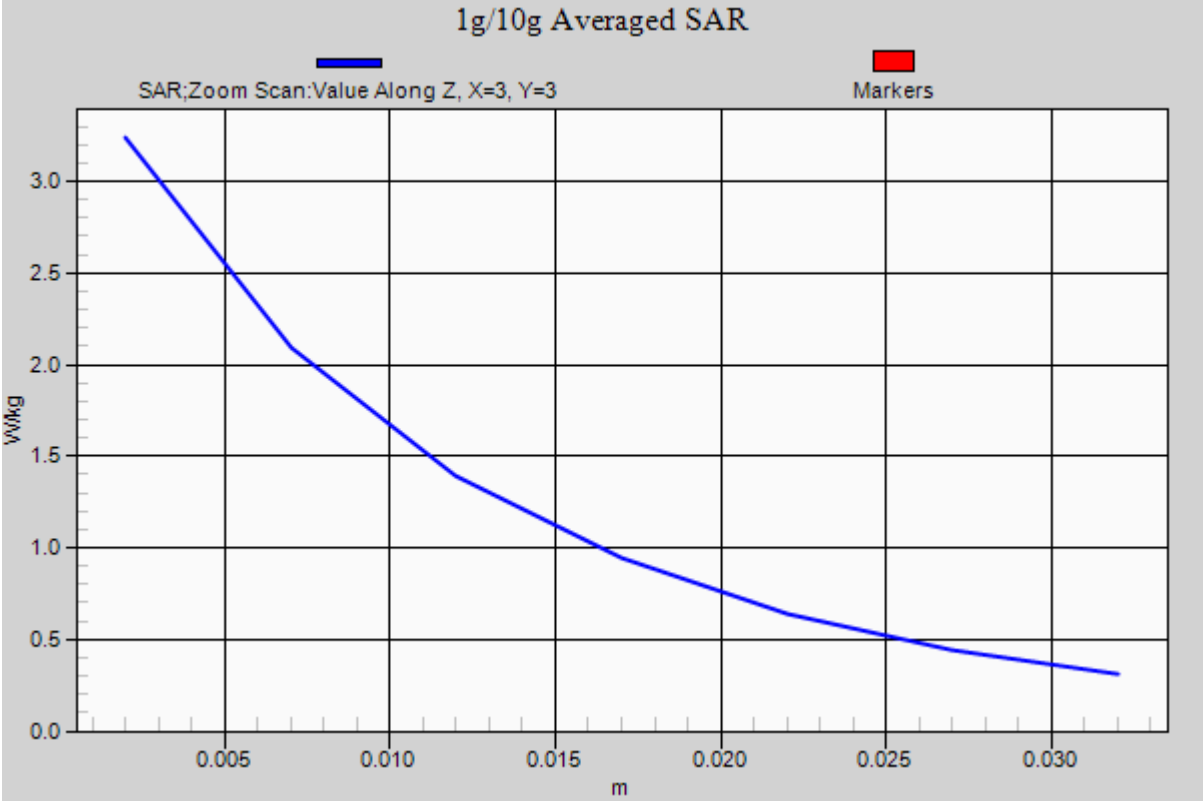
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.978 S/m; ε_r = 53.297; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-07; Ambient Temp: 21.0; Tissue Temp:21.3

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 = 0.00 dB
Peak SAR (extrapolated) = 3.88 W/kg
SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.59 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

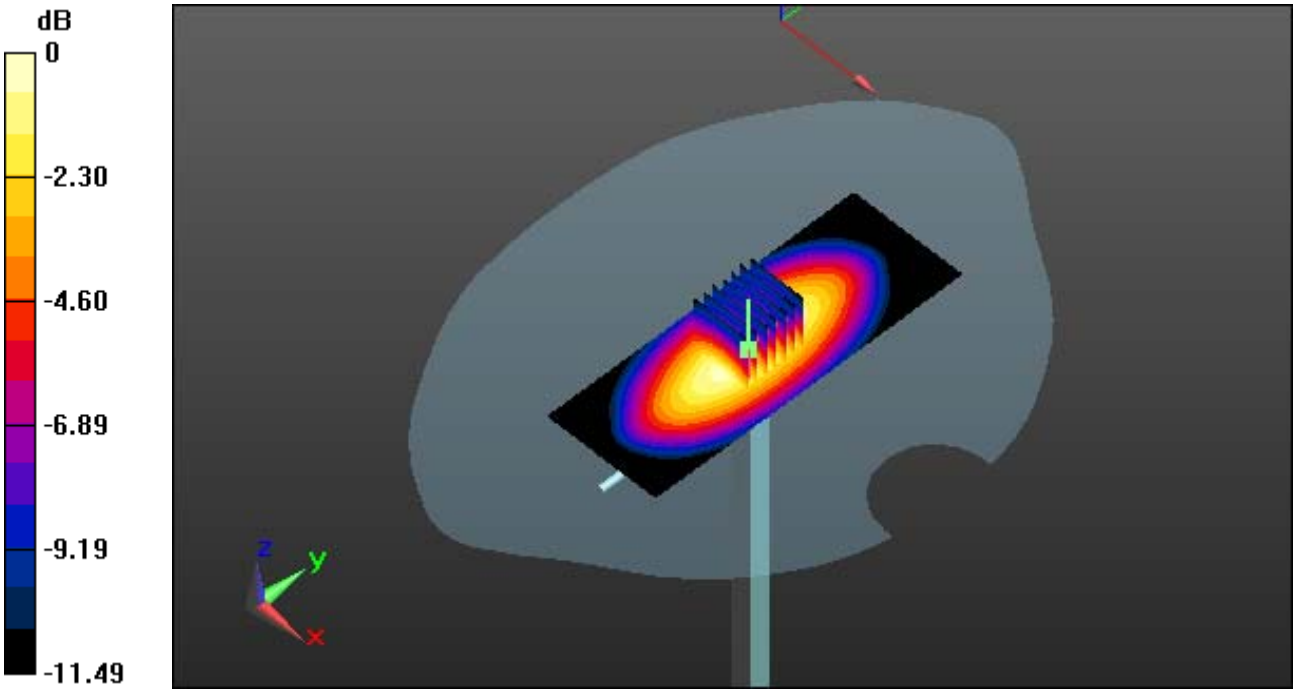
Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.893 S/m; ε_r = 42.369; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.7

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) = 3.84 W/kg
SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.59 W/kg



0 dB = 3.23 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

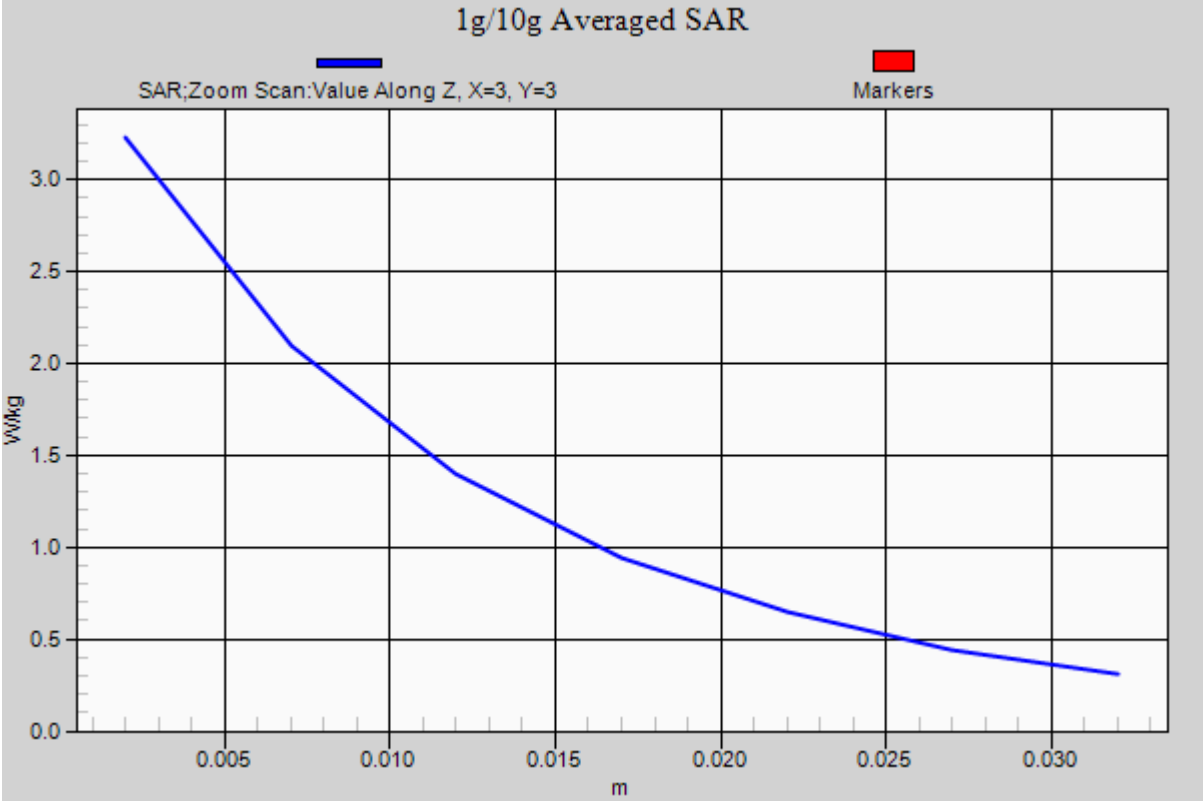
Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.893 S/m; ε_r = 42.369; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.7

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) = 3.84 W/kg
SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.59 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

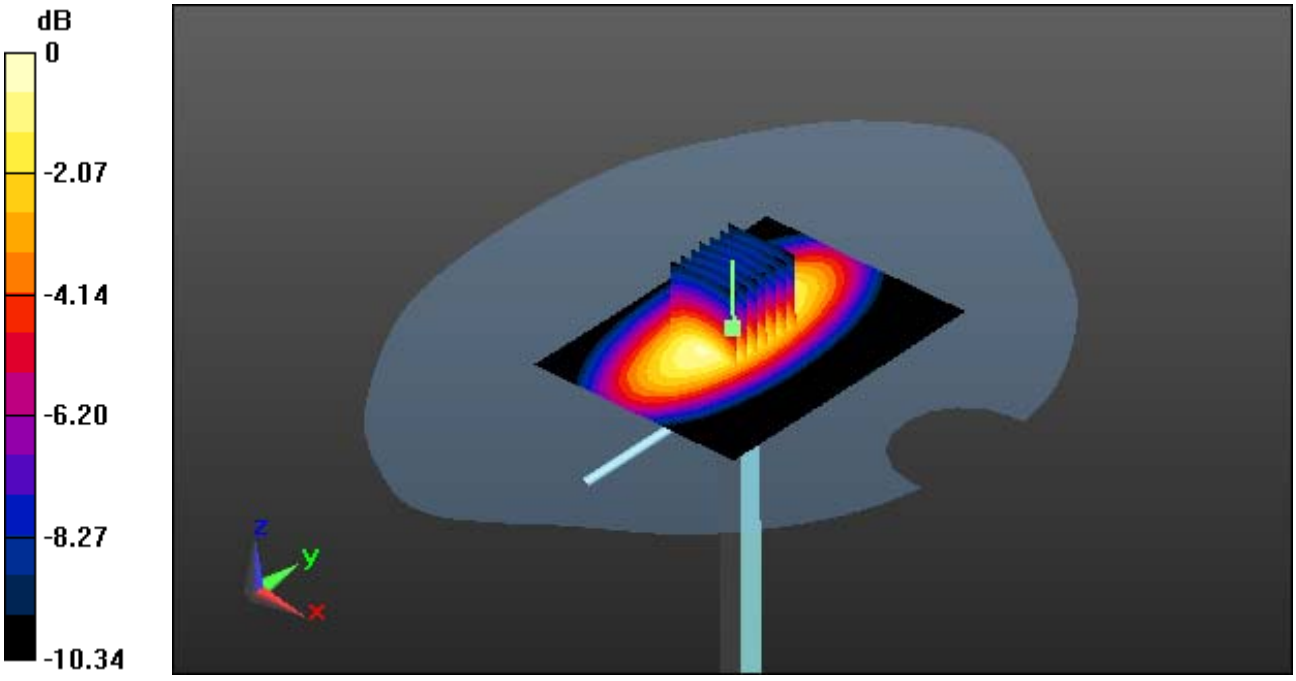
Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.985 S/m; ε_r = 54.097; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.9

835 MHz System Verification

Area Scan (61x81x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.58 W/kg
SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.56 W/kg



0 dB = 2.90 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

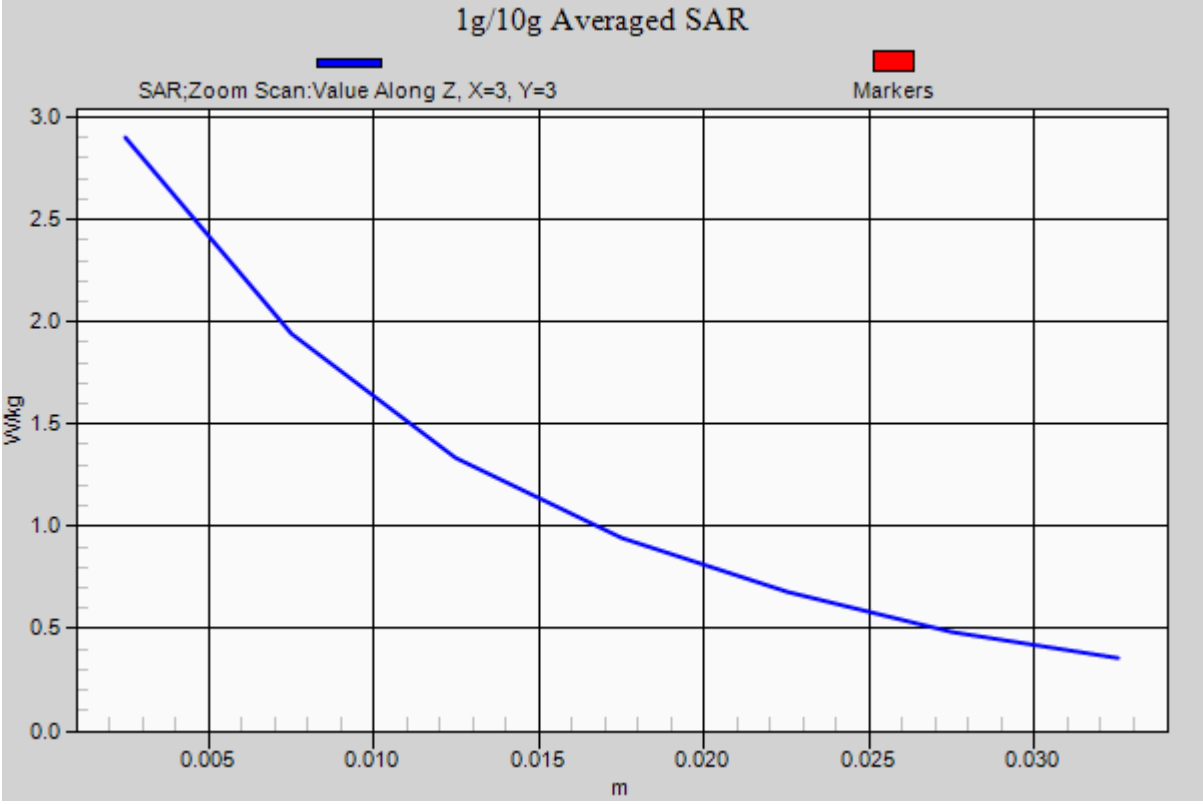
Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.985 S/m; ε_r = 54.097; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.9

835 MHz System Verification

Area Scan (61x81x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.58 W/kg
SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.56 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

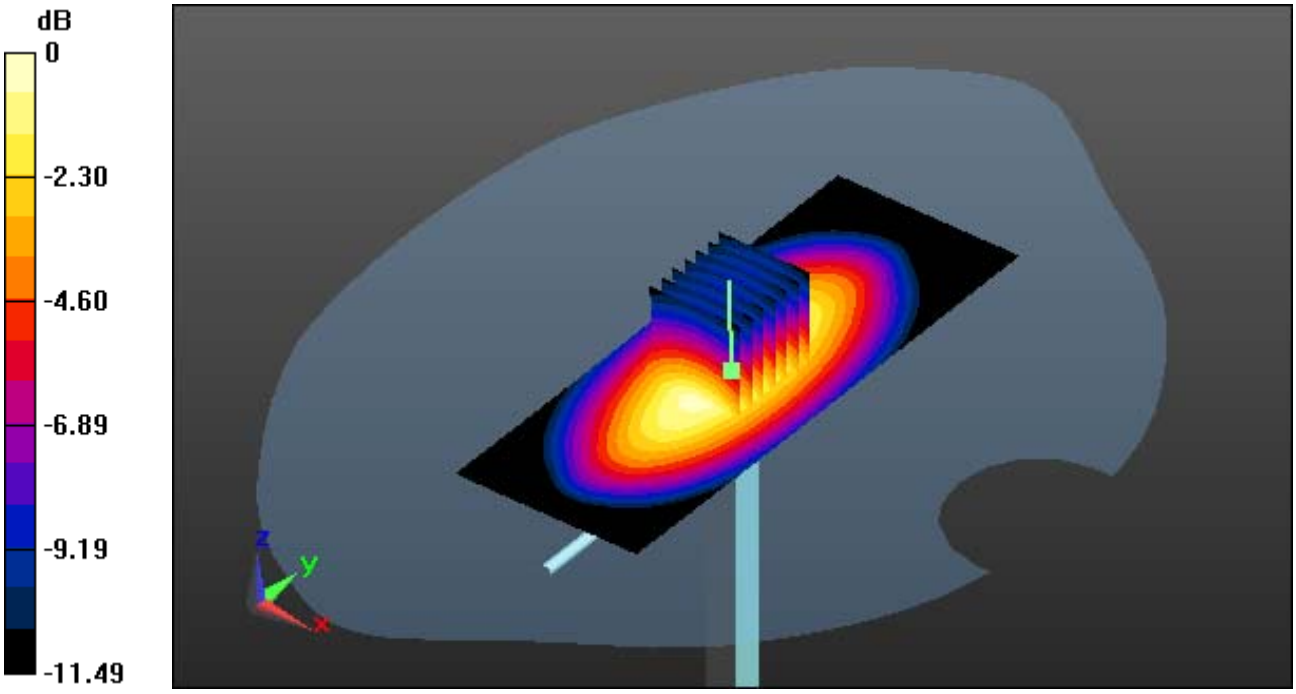
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.899 S/m; ε_r = 42.709; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 20.6; Tissue Temp:20.9

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) = 3.27 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.5 W/kg



0 dB = 2.75 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

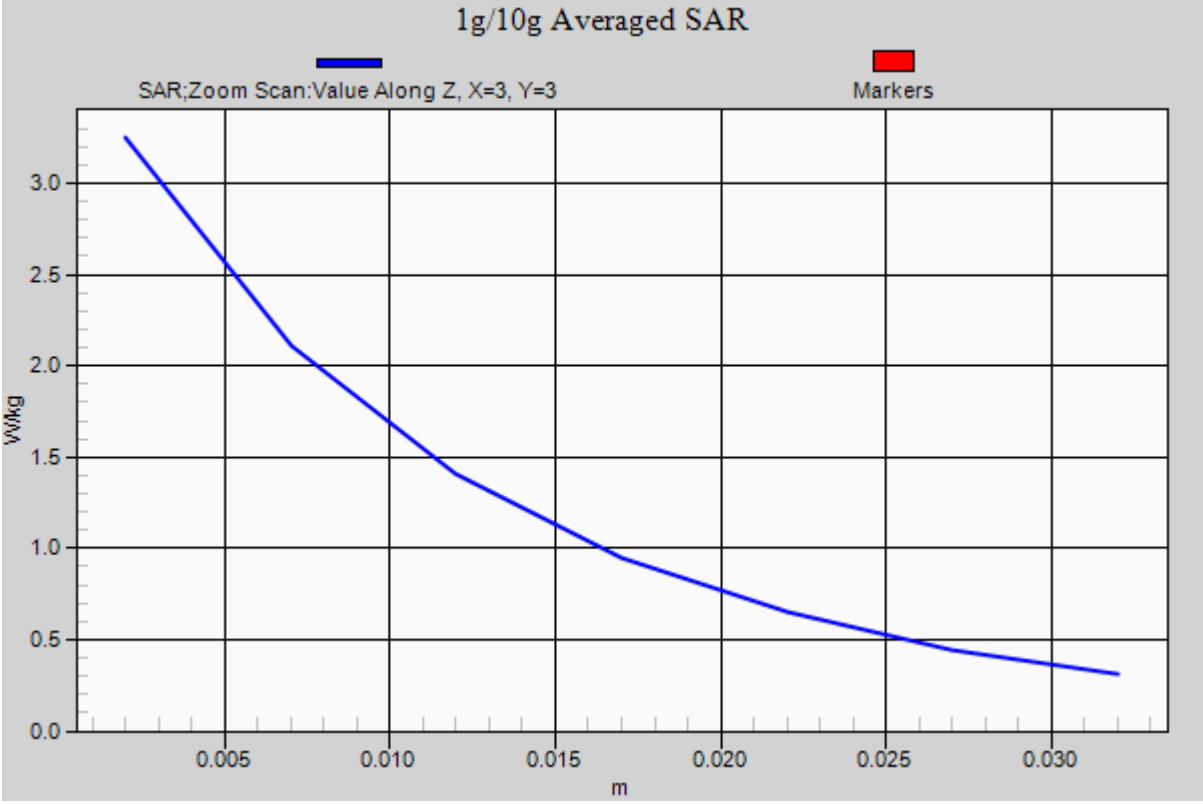
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.899 S/m; ε_r = 42.709; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 20.6; Tissue Temp:20.9

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) = 3.27 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.5 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

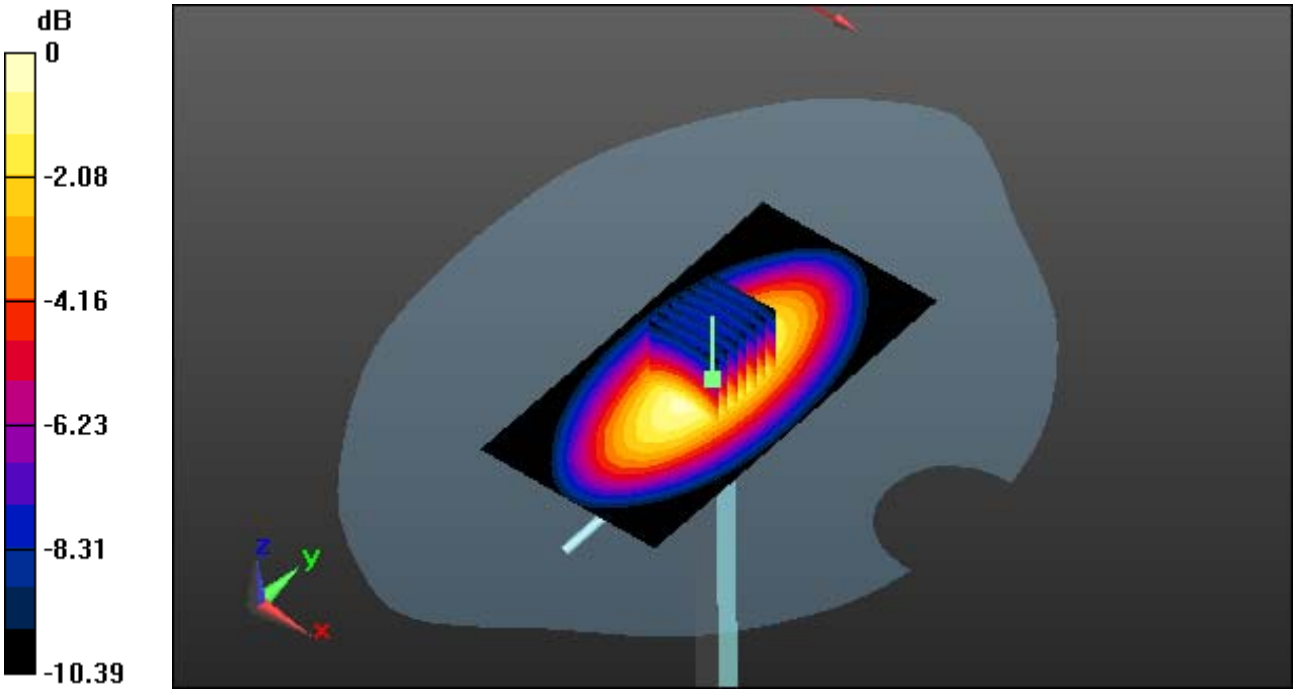
Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.972 S/m; ε_r = 54.18; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.0; Tissue Temp: 21.2

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 = -0.07 dB
Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.61 W/kg



0 dB = 2.99 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

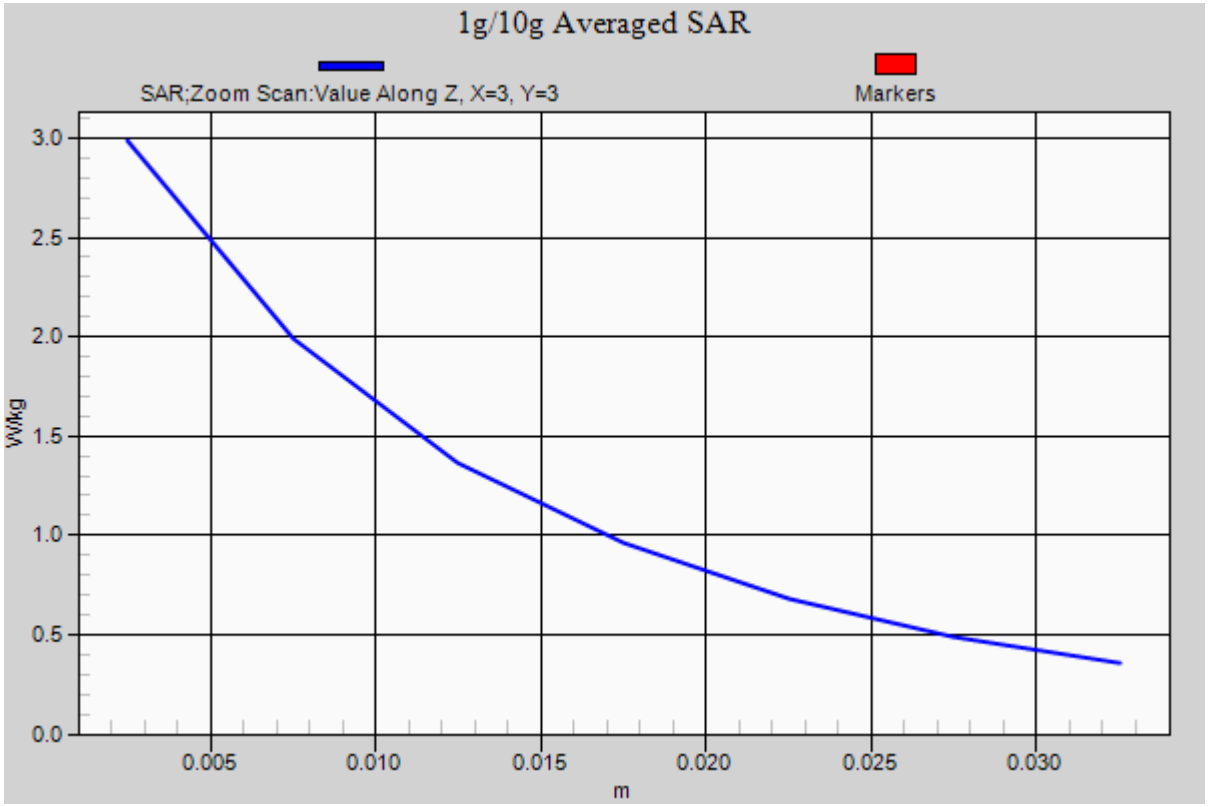
Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.972 S/m; ε_r = 54.18; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.0; Tissue Temp: 21.2

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 = -0.07 dB
Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.61 W/kg



DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

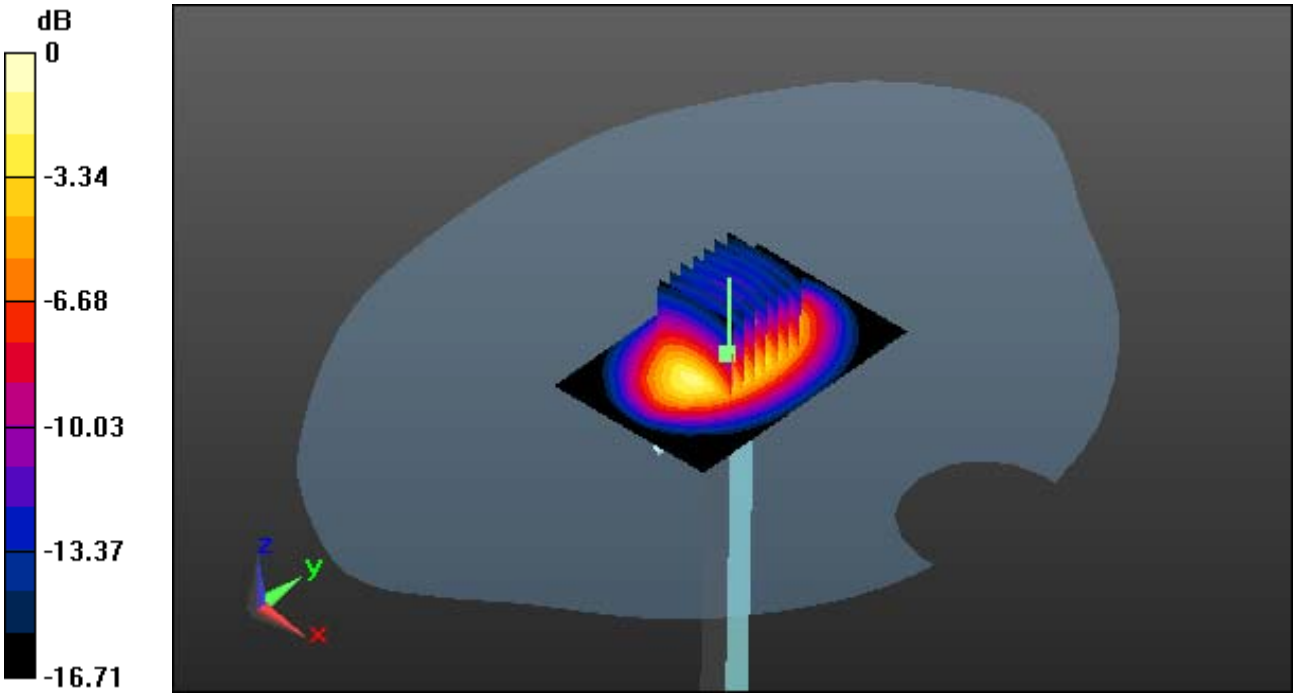
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.421 S/m; ε_r = 40.838; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-08; 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 = 0.06 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.29 W/kg



0 dB = 13.9 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

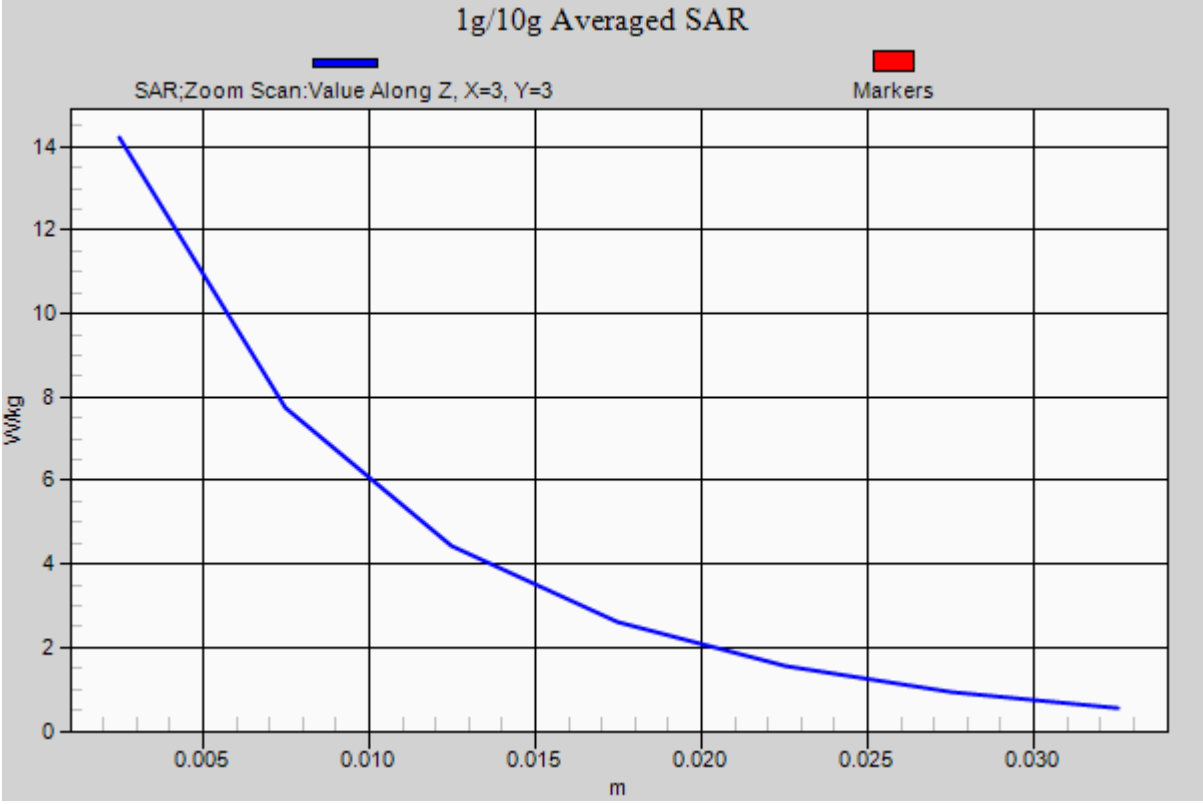
Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.421 S/m; ε_r = 40.838; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-08; 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 = 0.06 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.29 W/kg



DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

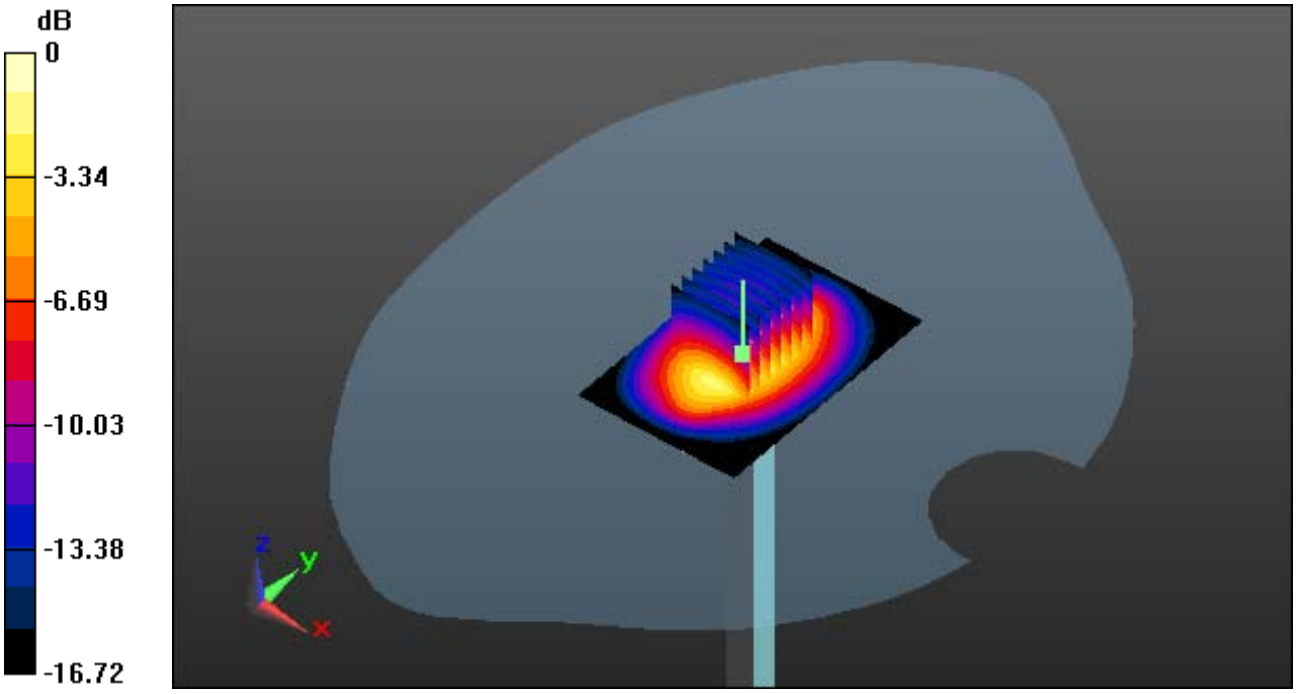
Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.549 S/m; ε_r = 51.745; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-10; Ambient Temp: 20.7; Tissue Temp:21.0

1900 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 = 0.05 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.12 W/kg; SAR(10 g) = 4.86 W/kg



0 dB = 12.3 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

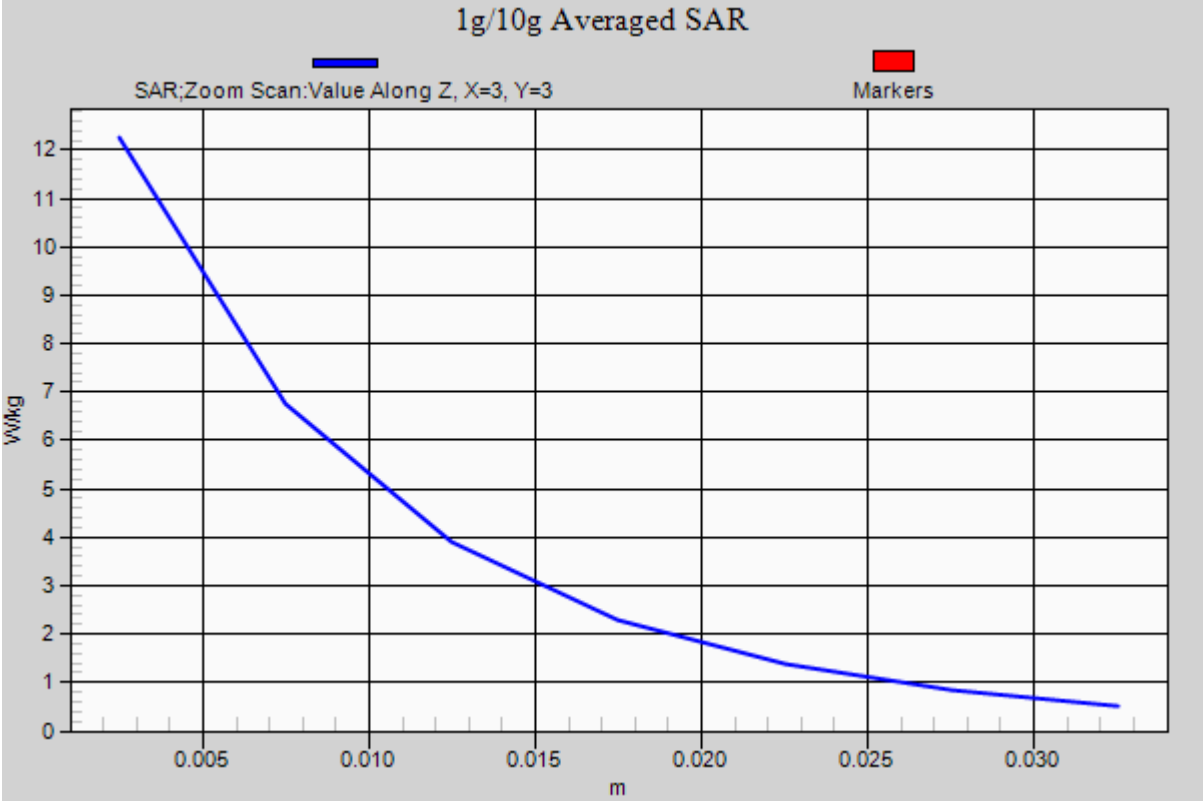
Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.549 S/m; ε_r = 51.745; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-10; Ambient Temp: 20.7; Tissue Temp:21.0

1900 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 = 0.05 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.12 W/kg; SAR(10 g) = 4.86 W/kg



DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

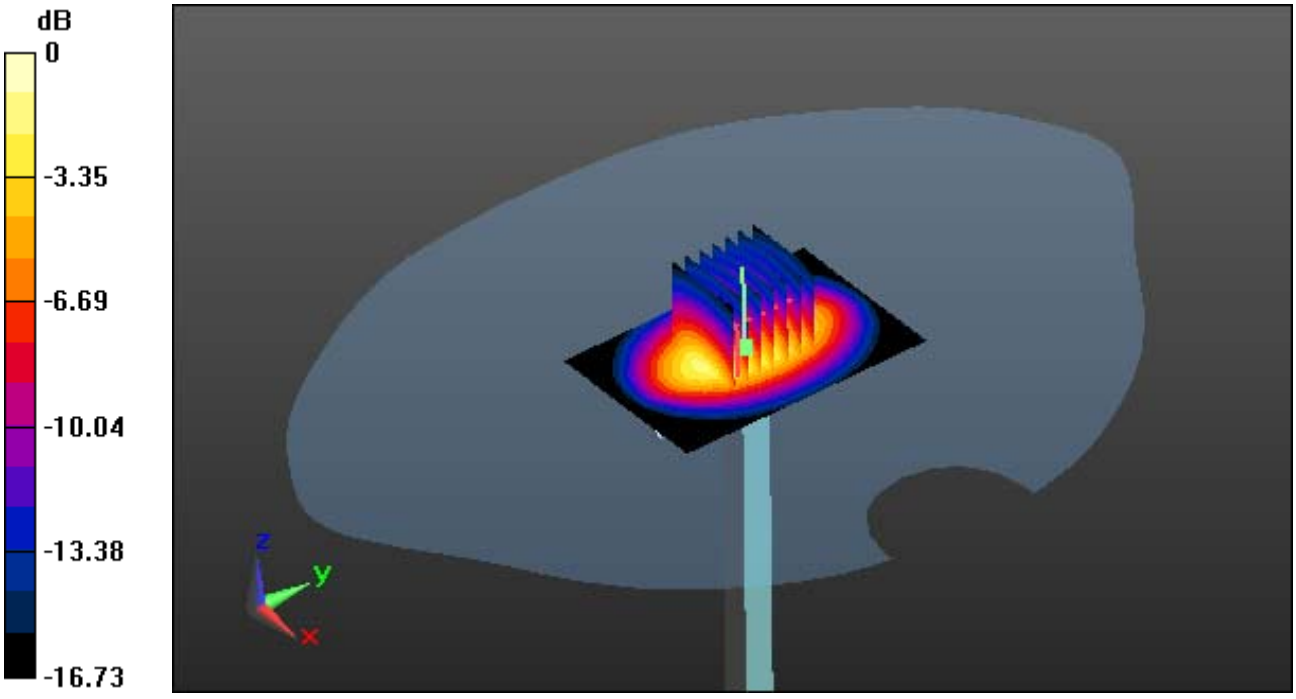
Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.427 S/m; ε_r = 41.358; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.8

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 = 0.04 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 9.6 W/kg; SAR(10 g) = 4.83 W/kg



0 dB = 12.4 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

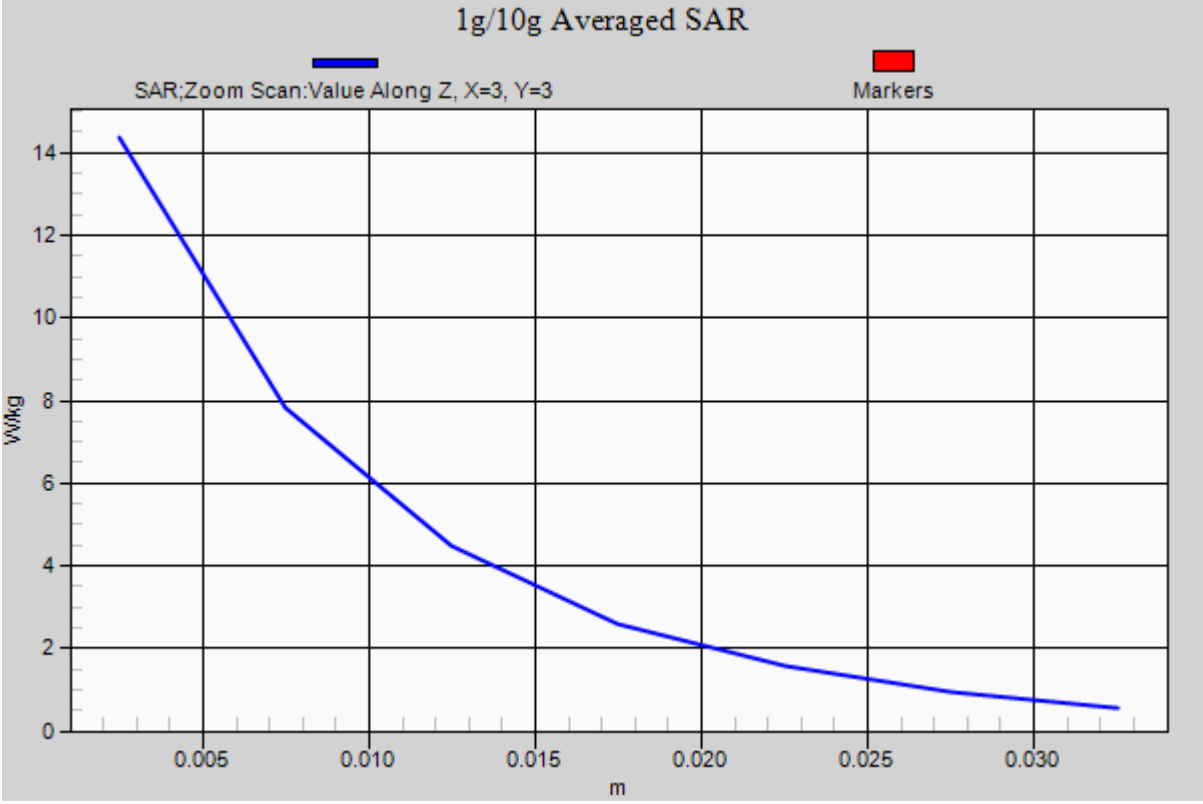
Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.427 S/m; ε_r = 41.358; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.8

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 = 0.04 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 9.6 W/kg; SAR(10 g) = 4.83 W/kg



DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

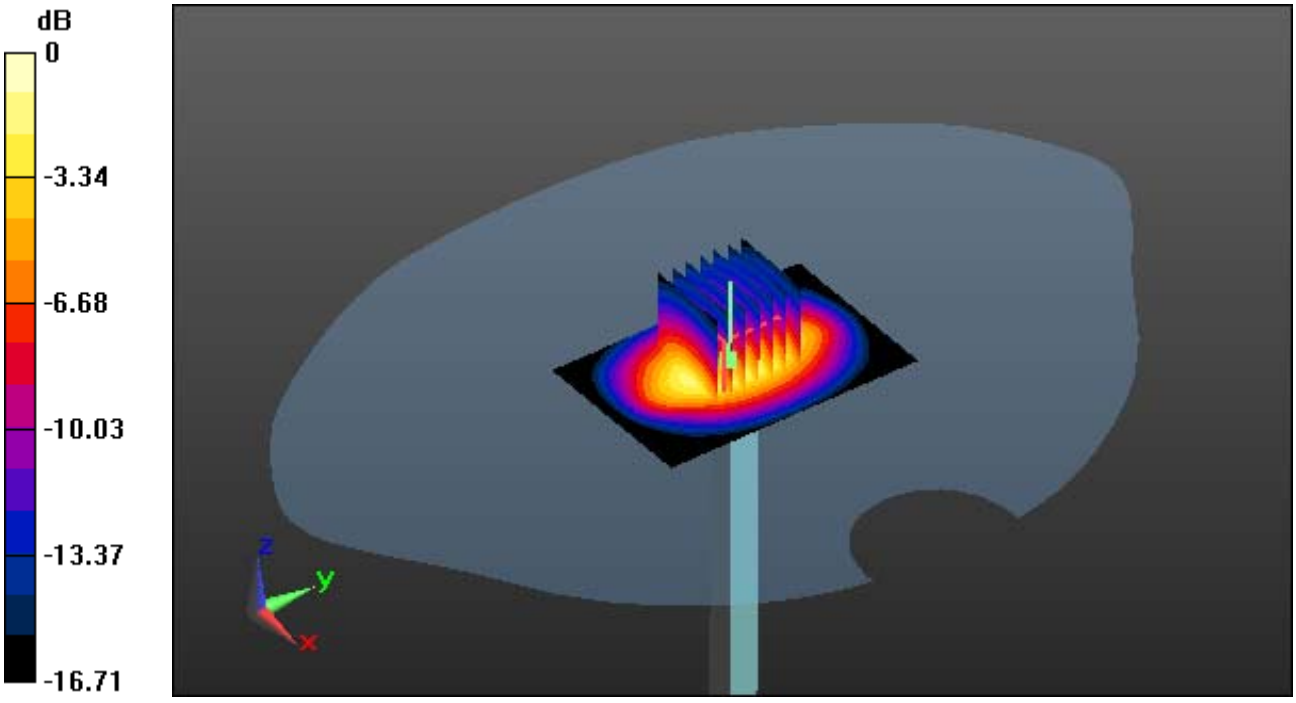
Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.525 S/m; ε_r = 51.26; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.7

1900 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 = 0.05 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.01 W/kg; SAR(10 g) = 4.79 W/kg



0 dB = 12.1 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

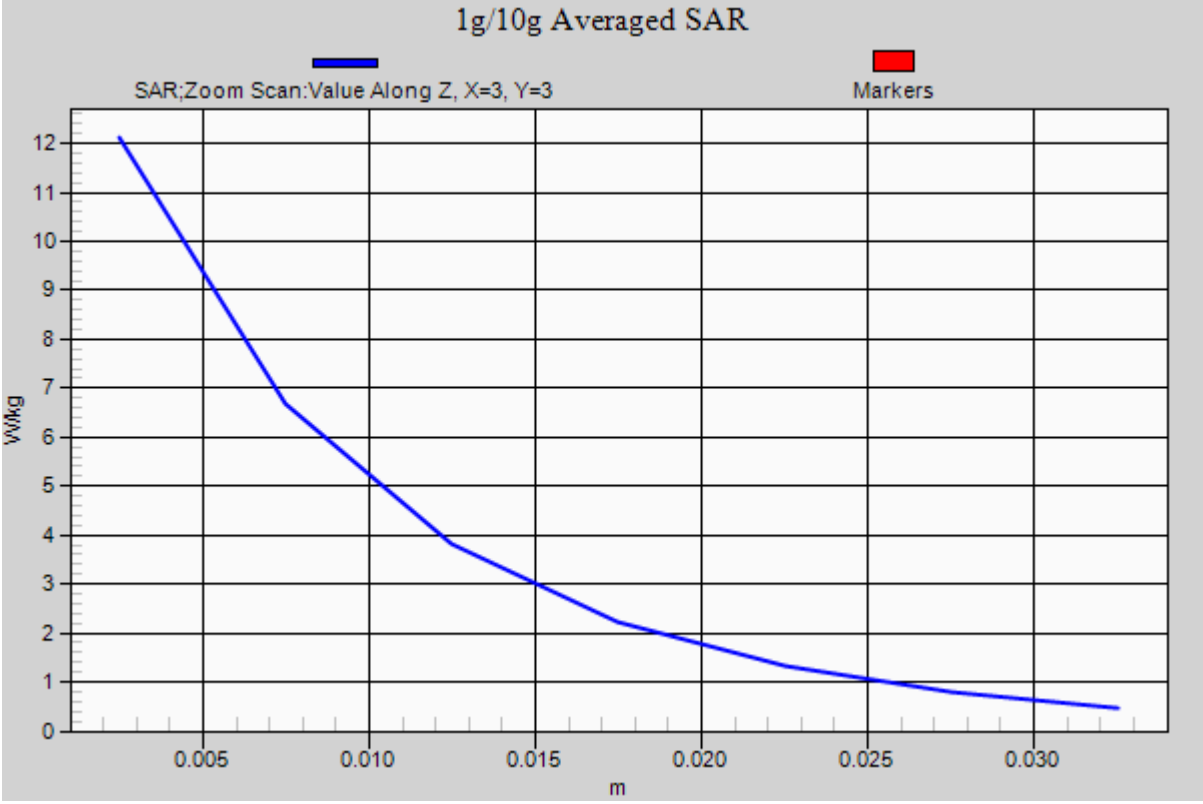
Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.525 S/m; ε_r = 51.26; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.7

1900 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 = 0.05 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.01 W/kg; SAR(10 g) = 4.79 W/kg



DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

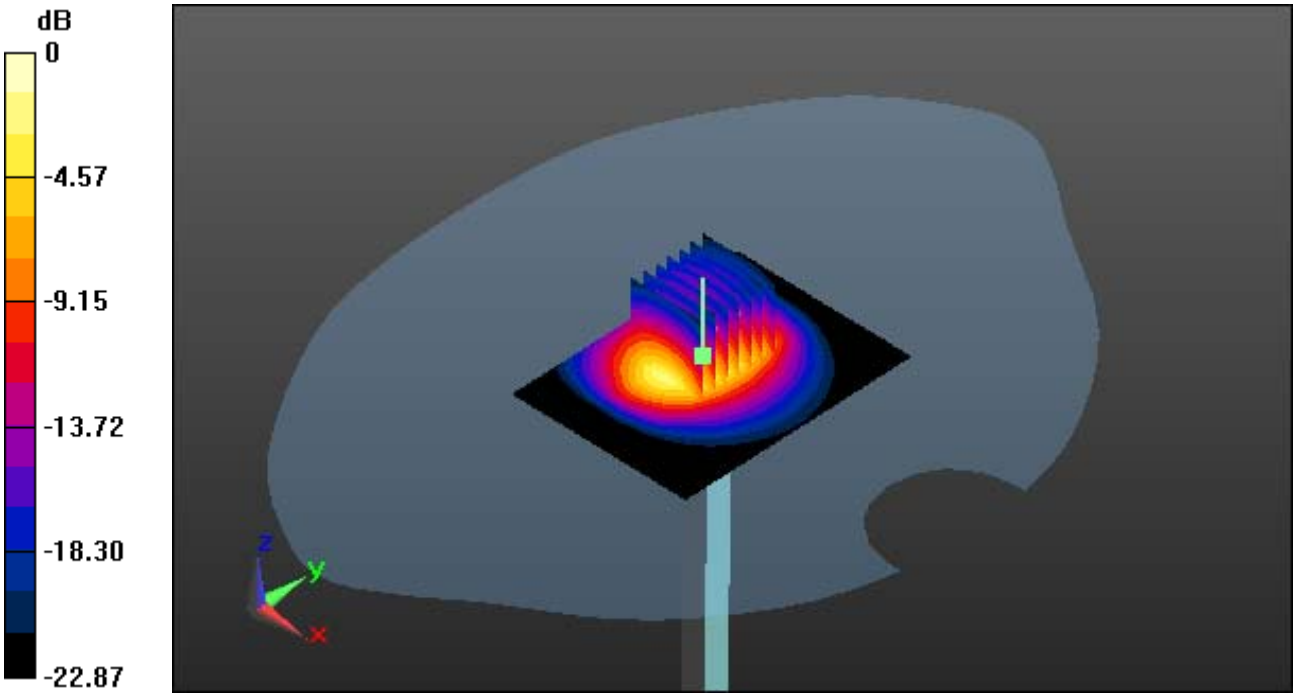
Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.791 S/m; ε_r = 38.591; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.18, 7.18, 7.18); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.5; Tissue Temp: 21.9

2450 MHz System Verification

Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.4 W/kg



0 dB = 21.1 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

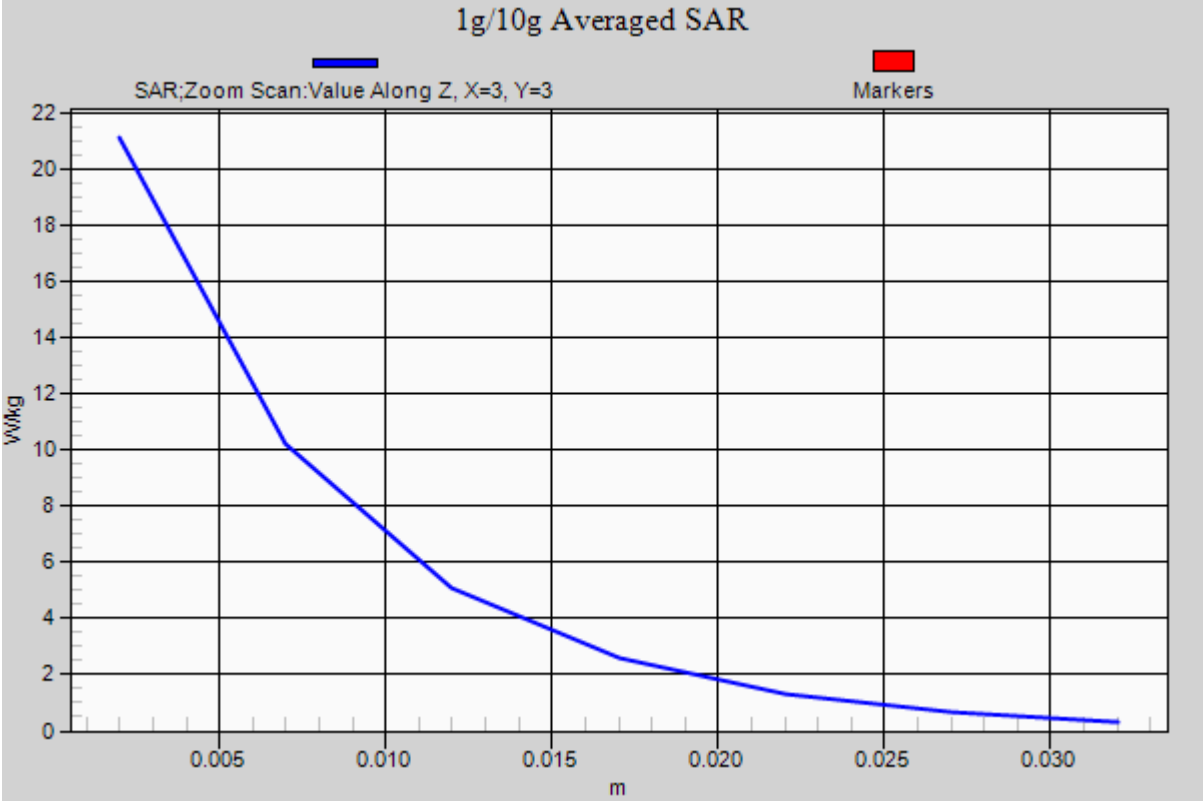
Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.791 S/m; ε_r = 38.591; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.18, 7.18, 7.18); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.5; Tissue Temp: 21.9

2450 MHz System Verification

Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.4 W/kg



DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

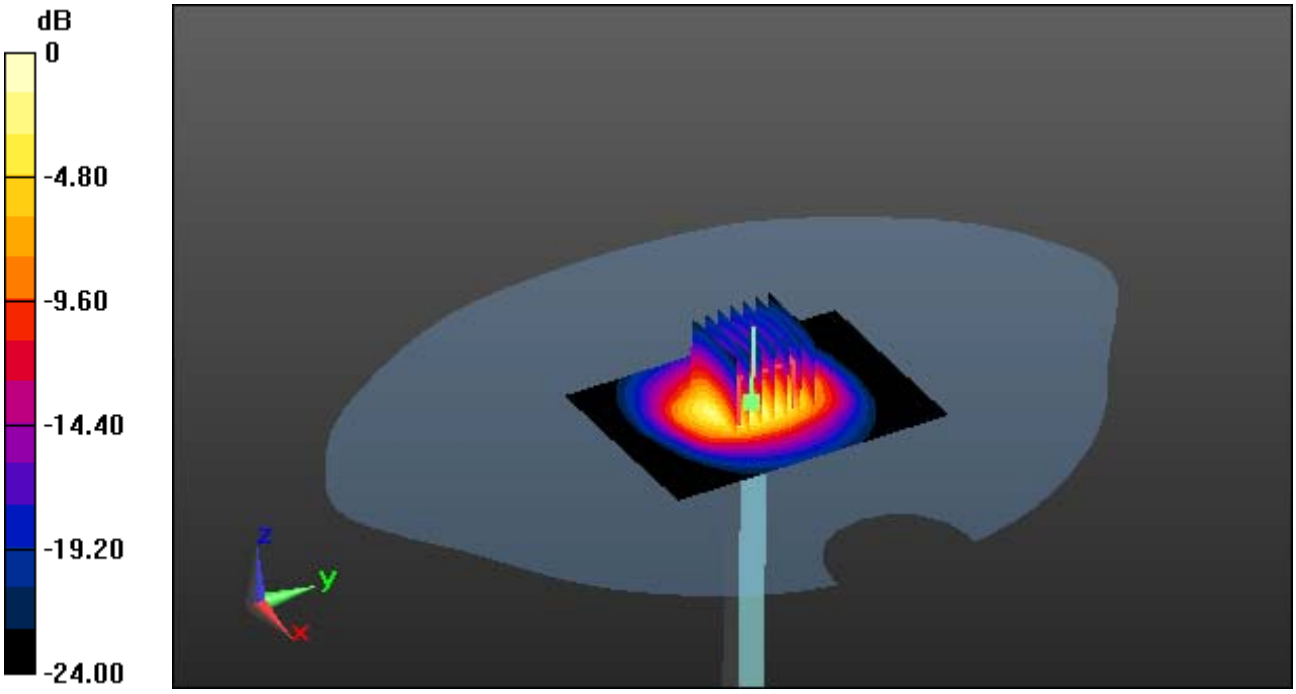
Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.95 S/m; ε_r = 50.811; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-16; Ambient Temp: 21.2; Tissue Temp: 21.6

2450 MHz System Verification

Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.9 W/kg



0 dB = 16.2 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

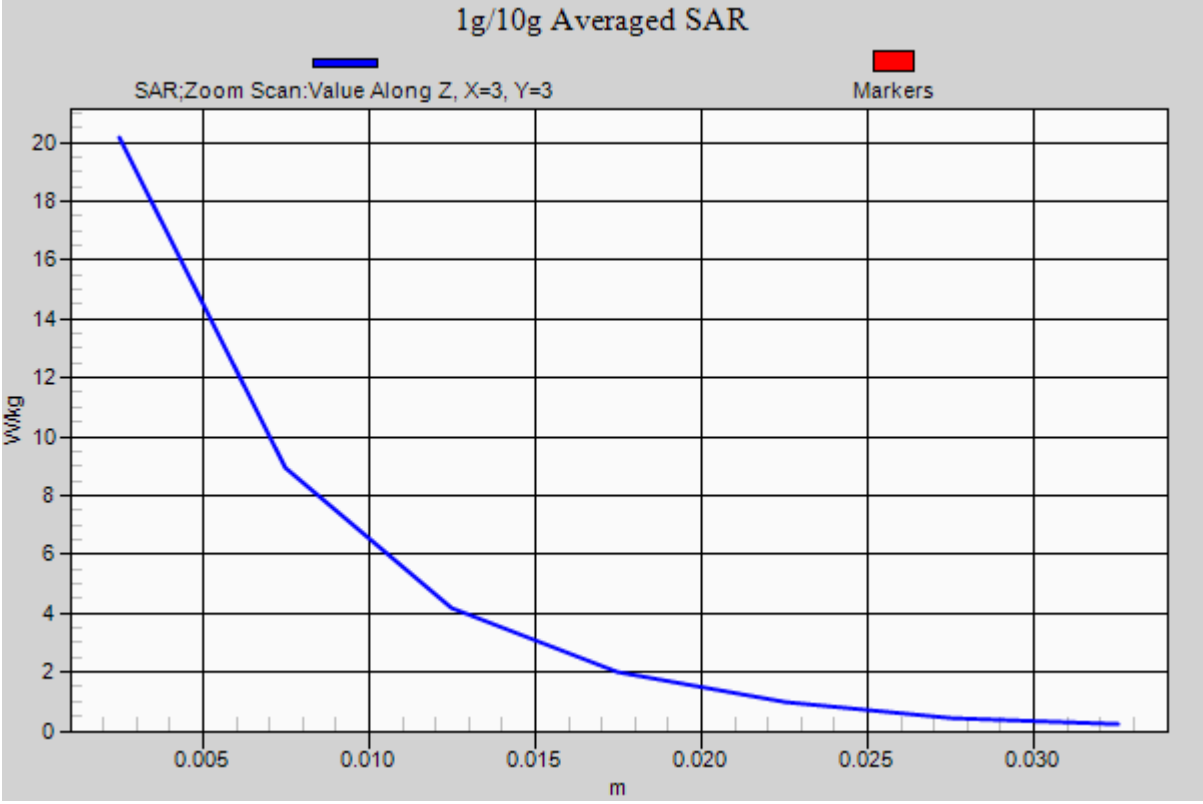
Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.95 S/m; ε_r = 50.811; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-16; Ambient Temp: 21.2; Tissue Temp: 21.6

2450 MHz System Verification

Area Scan (61x81x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.9 W/kg



DT&C Co., Ltd.

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

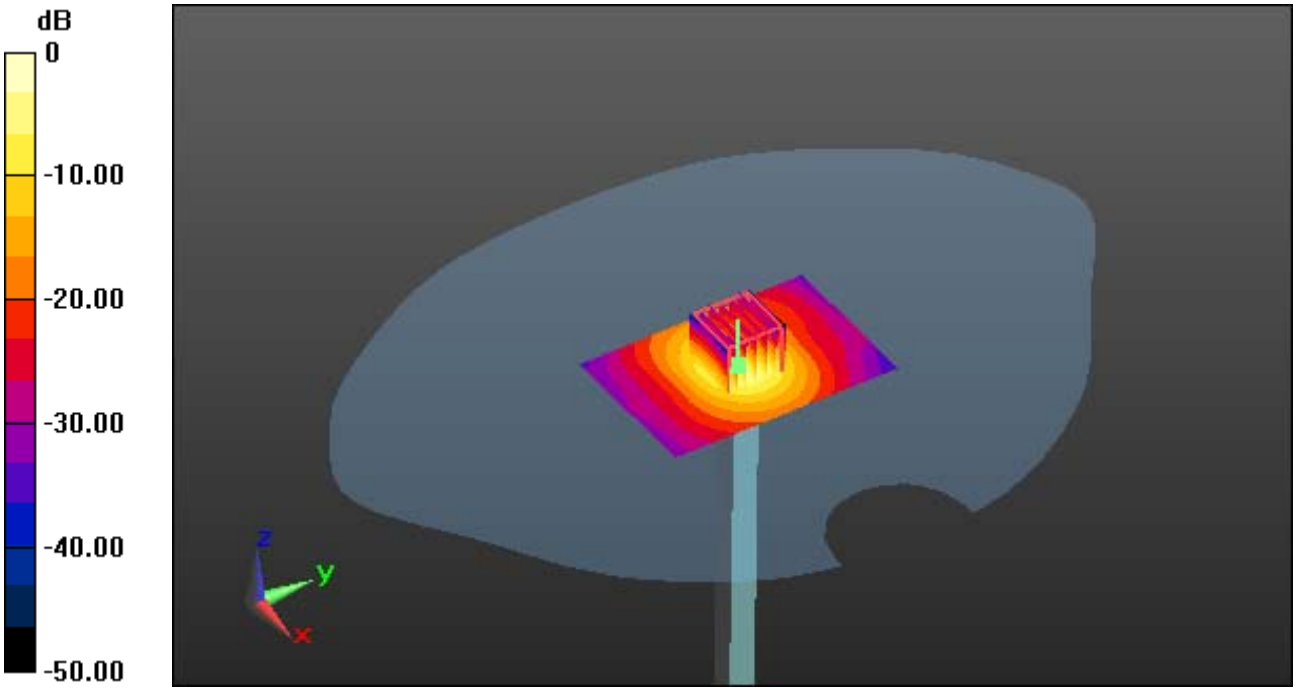
Communication System: CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.499 S/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5200 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 30.9 W/kg
SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.24 W/kg



0 dB = 16.1 W/kg

DT&C Co., Ltd.

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

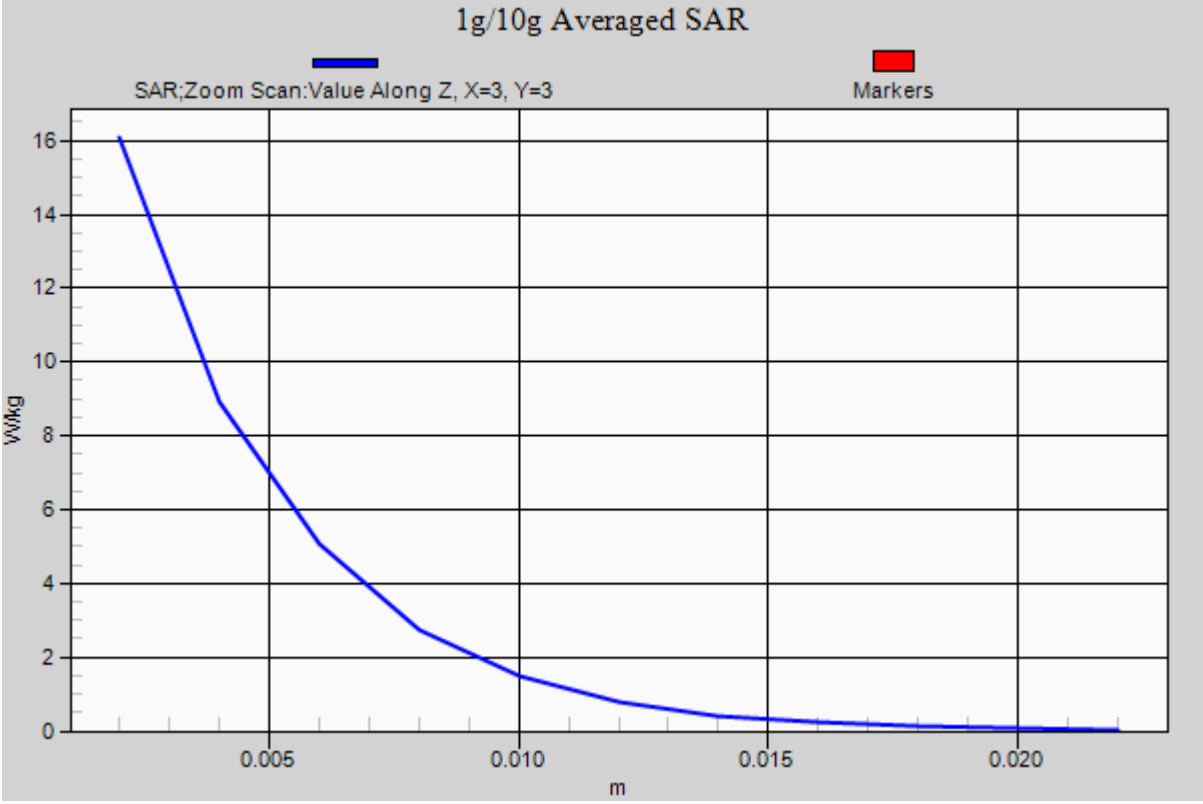
Communication System: CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.499 S/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5200 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 30.9 W/kg
SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.24 W/kg



DT&C Co., Ltd.

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

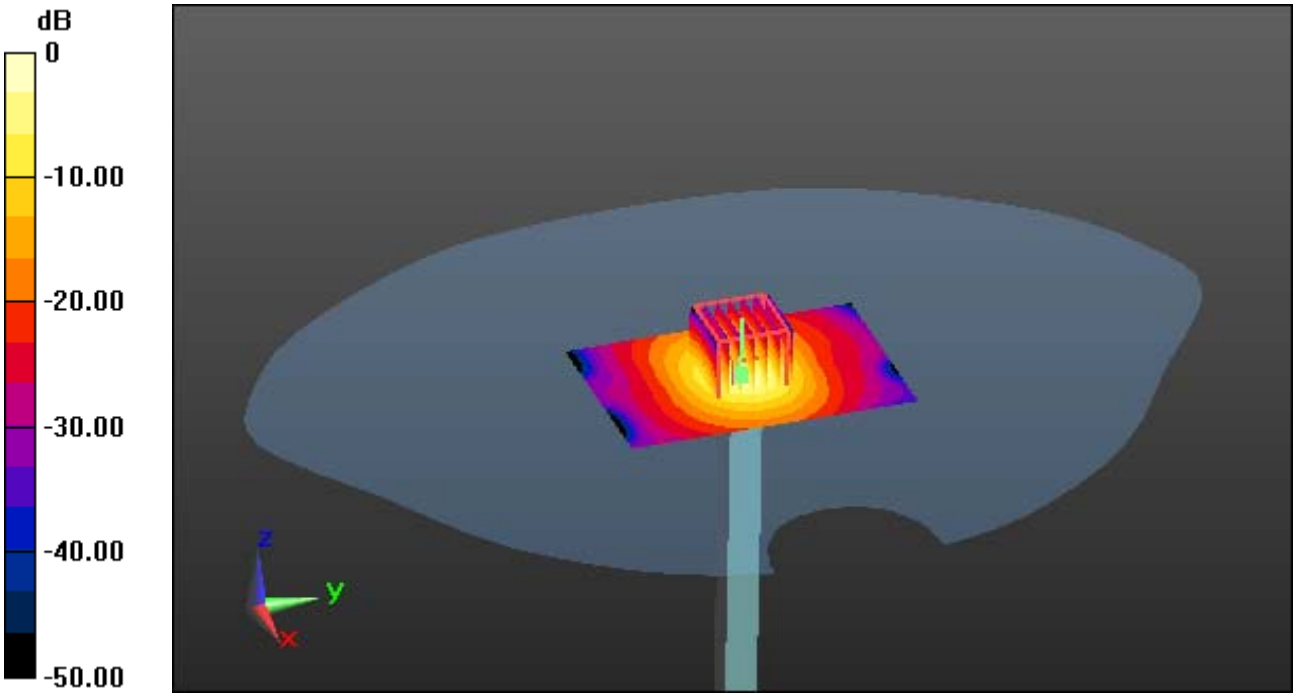
Communication System: CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.23 S/m; ε_r = 48.474; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5200 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 29.6 W/kg
SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.23 W/kg



0 dB = 15.9 W/kg

DT&C Co., Ltd.

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

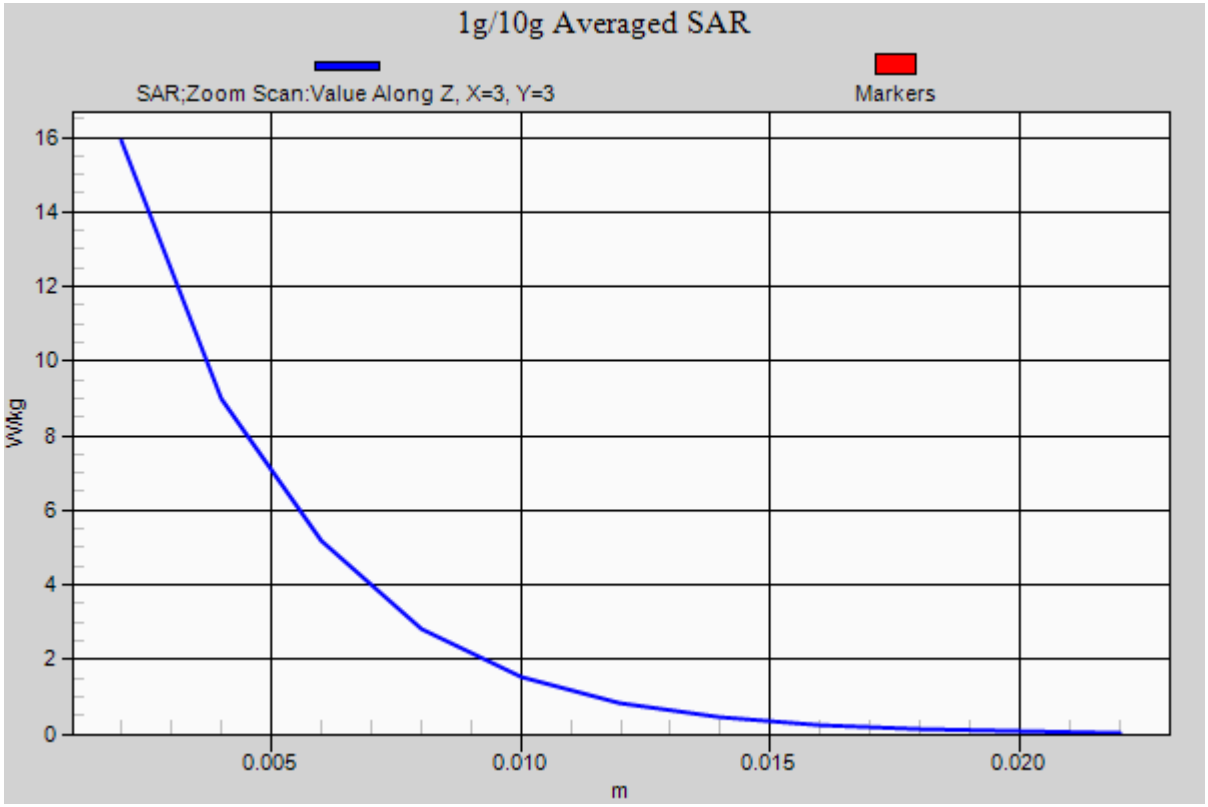
Communication System: CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.23 S/m; ε_r = 48.474; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5200 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 29.6 W/kg
SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.23 W/kg



DT&C Co., Ltd.

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

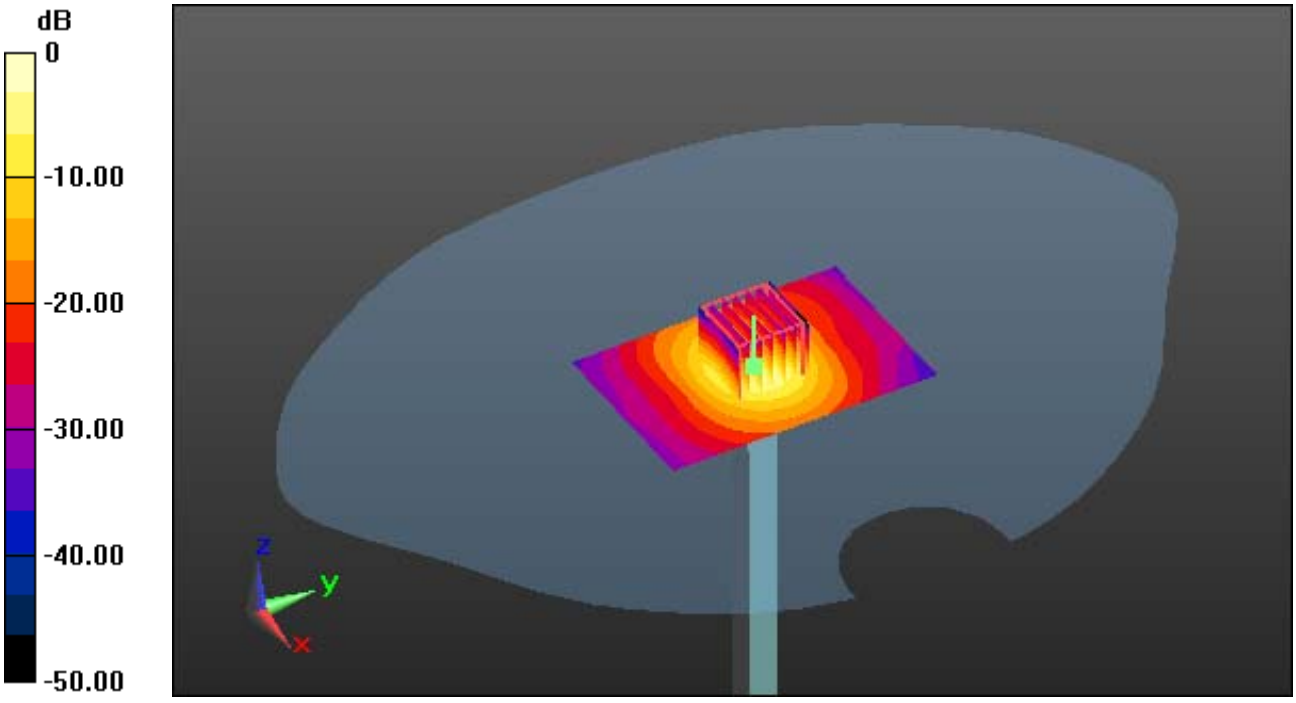
Communication System: CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.612 S/m; ε_r = 35.533; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.86, 4.86, 4.86); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5300 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 33.2 W/kg
SAR(1 g) = 8.3 W/kg; SAR(10 g) = 2.4 W/kg



0 dB = 17.3 W/kg

DT&C Co., Ltd.

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

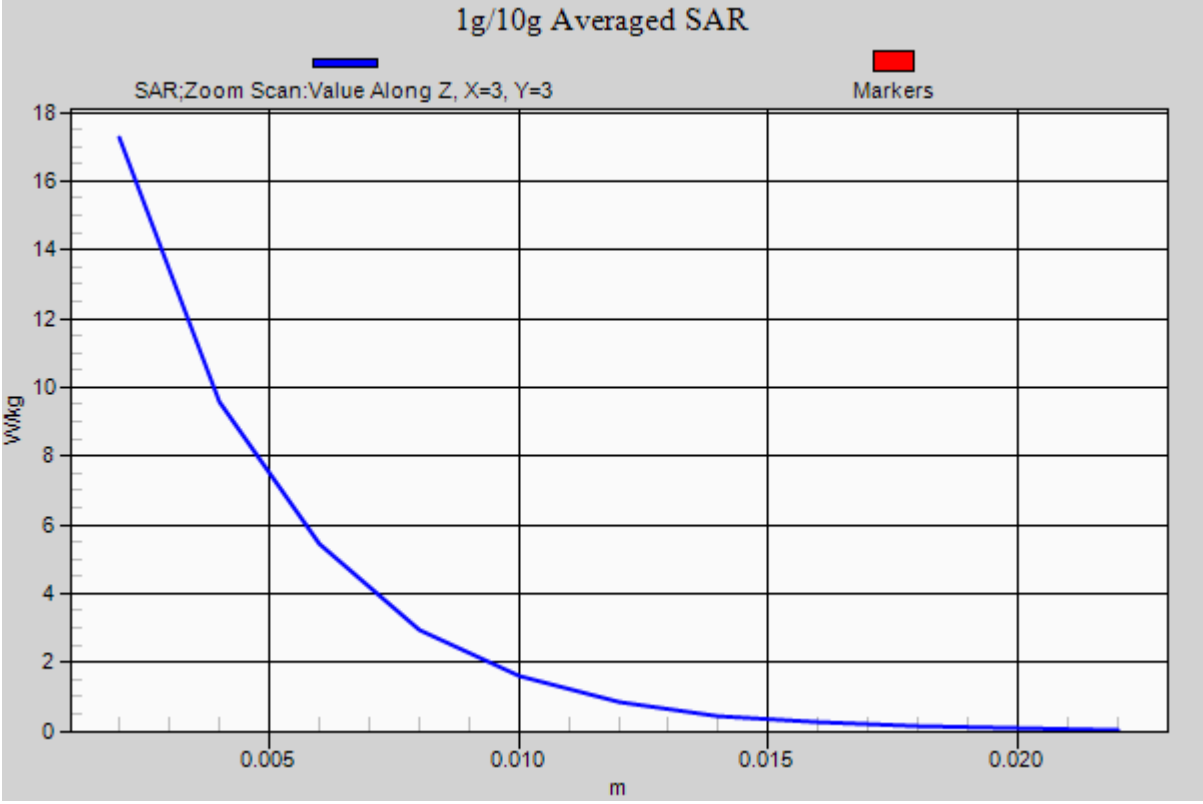
Communication System: CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.612 S/m; ε_r = 35.533; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.86, 4.86, 4.86); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5300 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 33.2 W/kg
SAR(1 g) = 8.3 W/kg; SAR(10 g) = 2.4 W/kg



DT&C Co., Ltd.

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

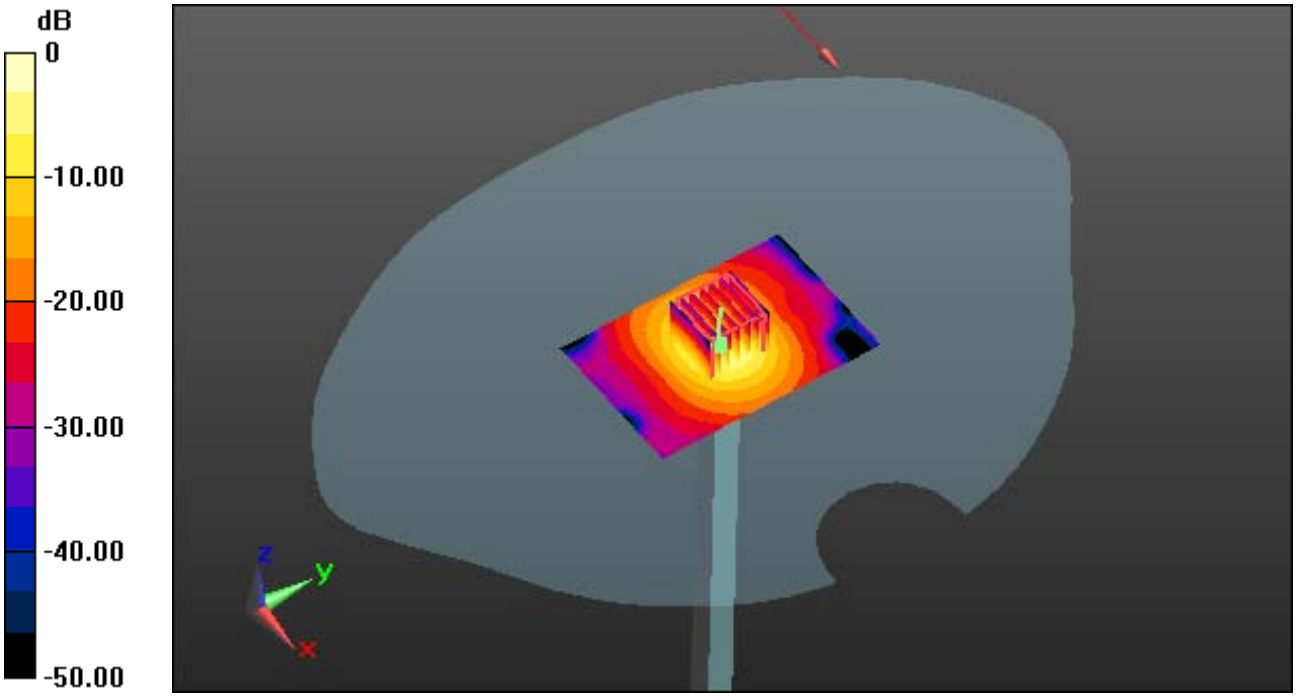
Communication System: CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.363 S/m; ε_r = 48.301; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.27, 4.27, 4.27); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5300 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.22 W/kg



0 dB = 15.7 W/kg

DT&C Co., Ltd.

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

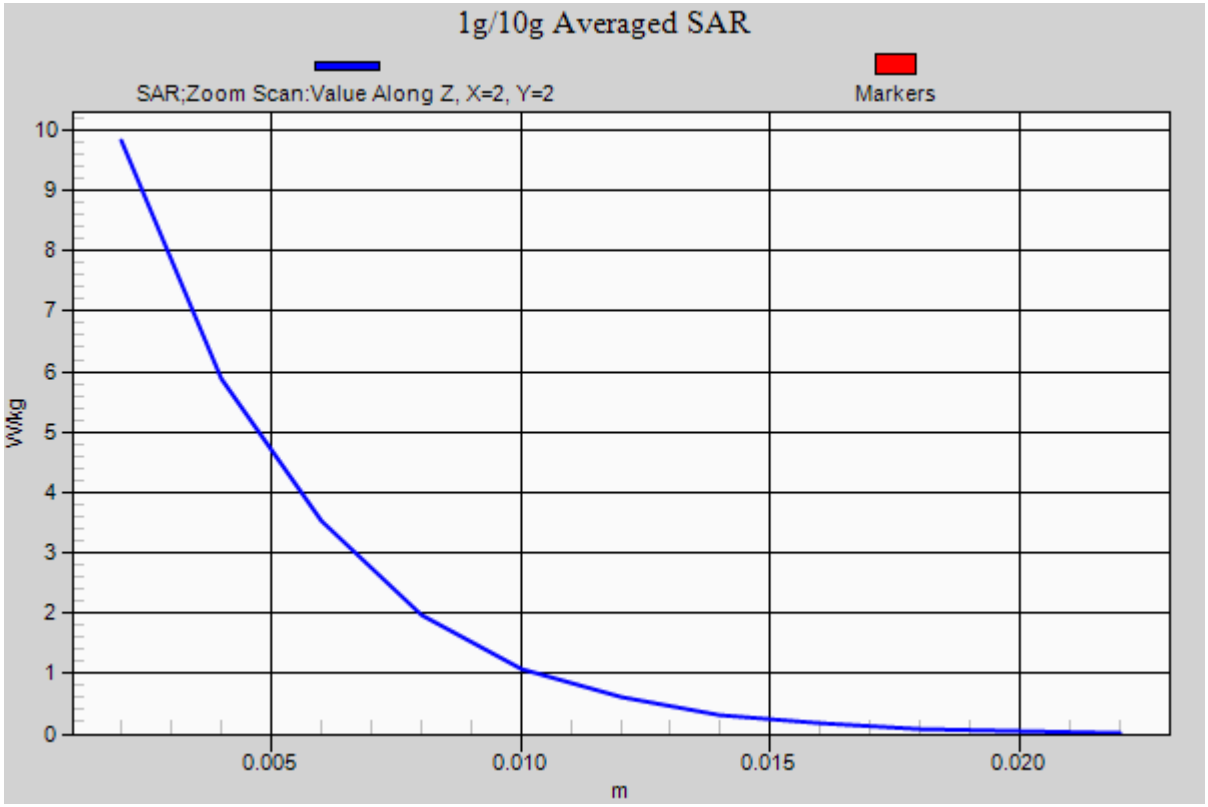
Communication System: CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.363 S/m; ε_r = 48.301; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.27, 4.27, 4.27); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5300 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.22 W/kg



DT&C Co., Ltd.

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

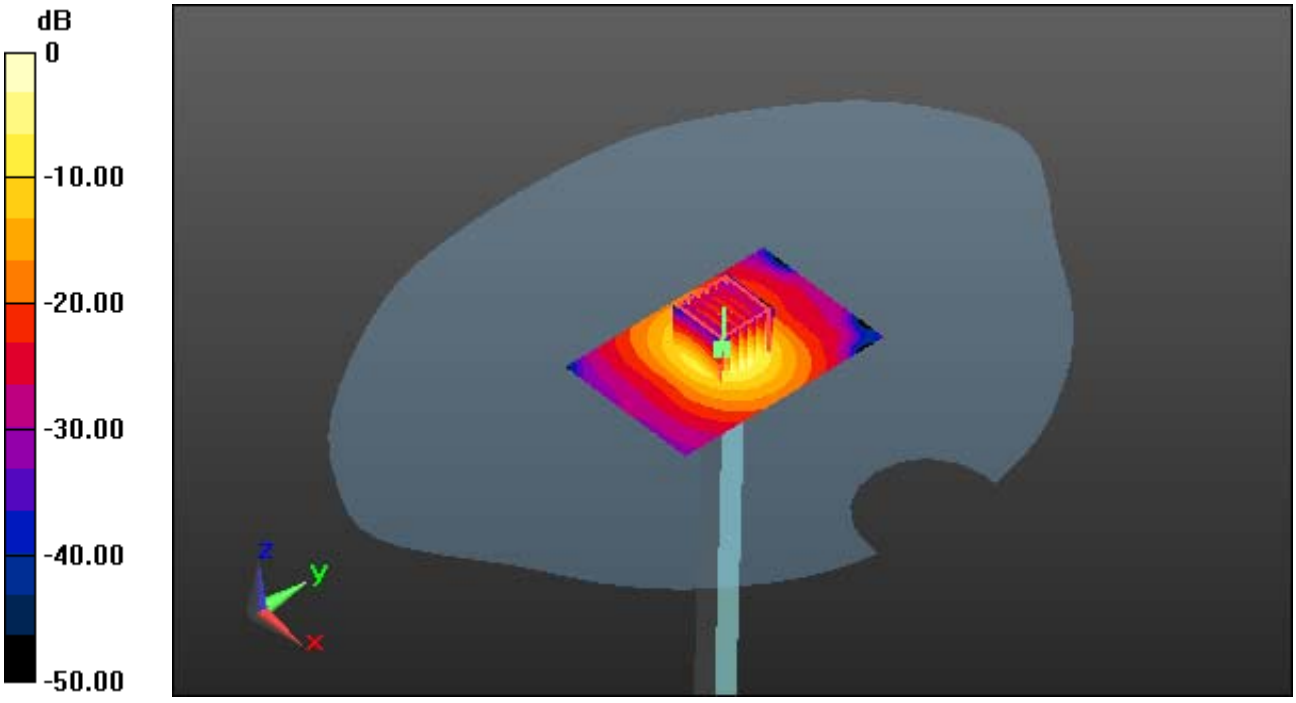
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.844 S/m; ε_r = 35.192; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.94, 4.94, 4.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5500 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 34.3 W/kg
SAR(1 g) = 8.6 W/kg; SAR(10 g) = 2.49 W/kg



0 dB = 17.9 W/kg

DT&C Co., Ltd.

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

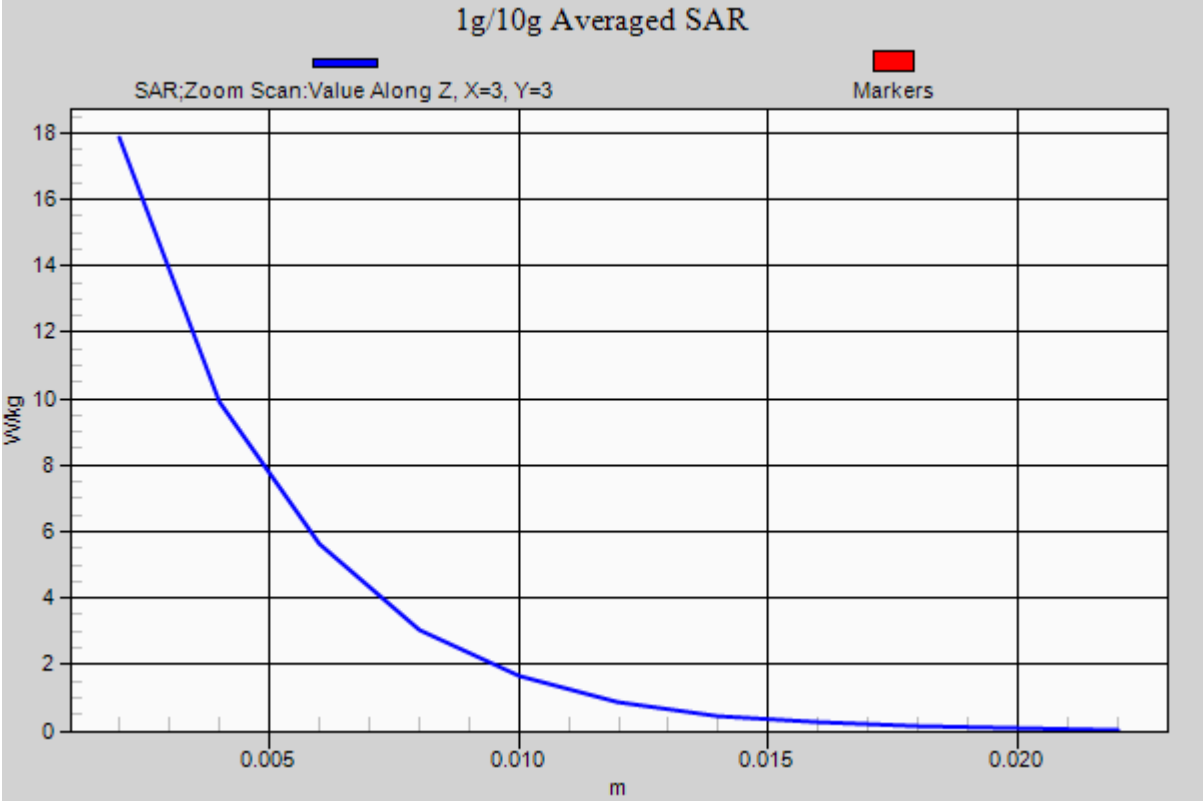
Communication System: CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.844 S/m; ε_r = 35.192; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.94, 4.94, 4.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5500 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 34.3 W/kg
SAR(1 g) = 8.6 W/kg; SAR(10 g) = 2.49 W/kg



DT&C Co., Ltd.

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

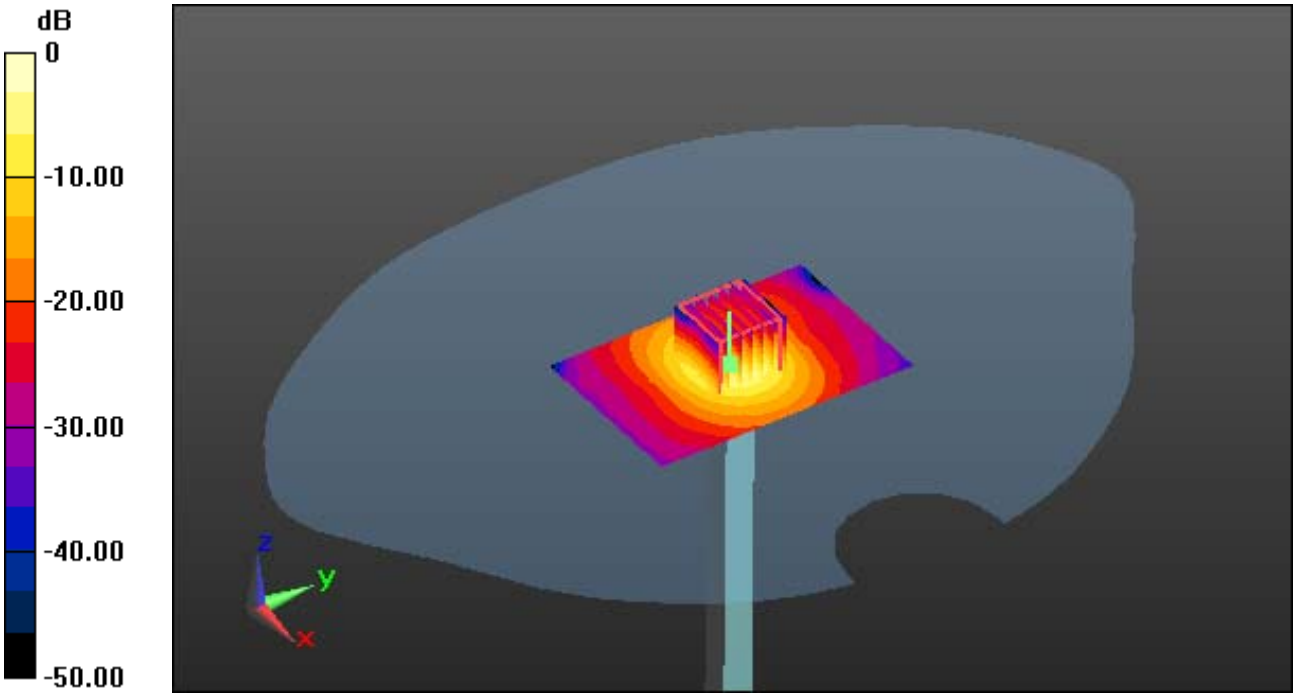
Communication System: CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.635 S/m; ε_r = 47.944; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.05, 4.05, 4.05); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5500 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.34 W/kg



0 dB = 16.6 W/kg

DT&C Co., Ltd.

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

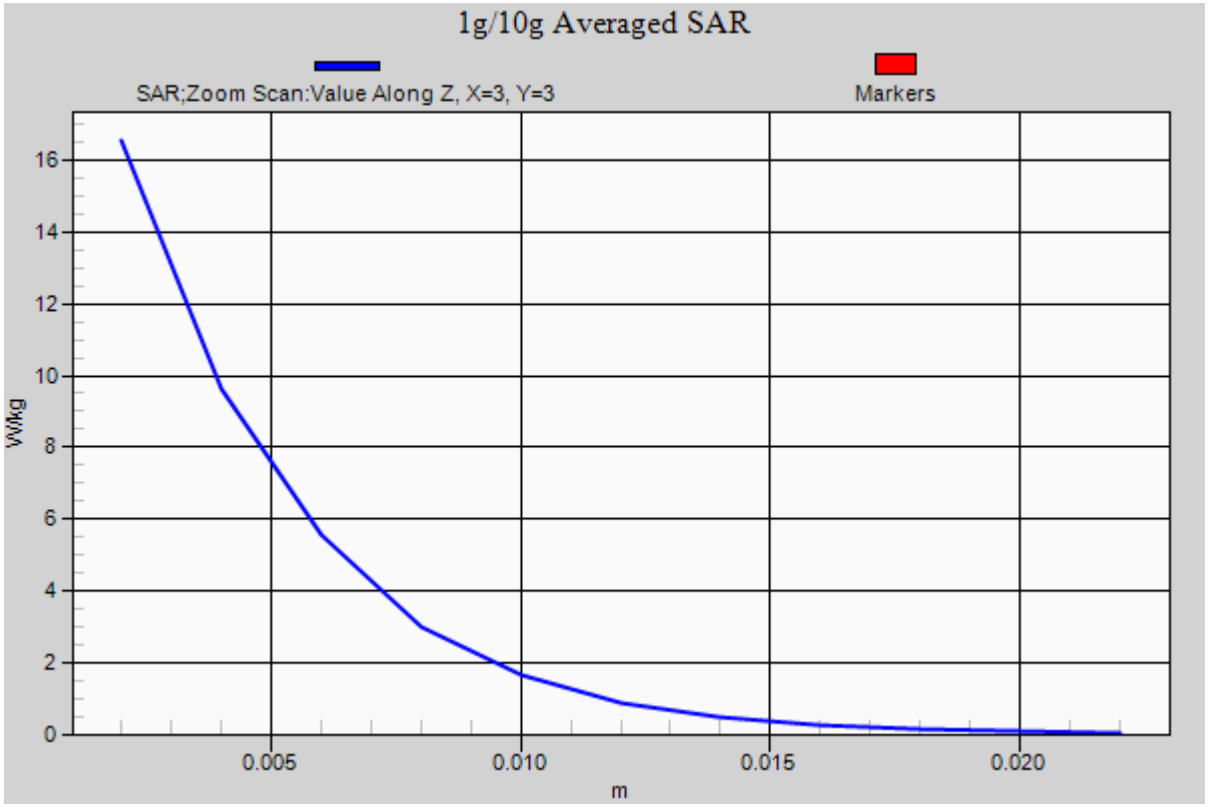
Communication System: CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.635 S/m; ε_r = 47.944; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.05, 4.05, 4.05); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5500 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.34 W/kg



DT&C Co., Ltd.

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

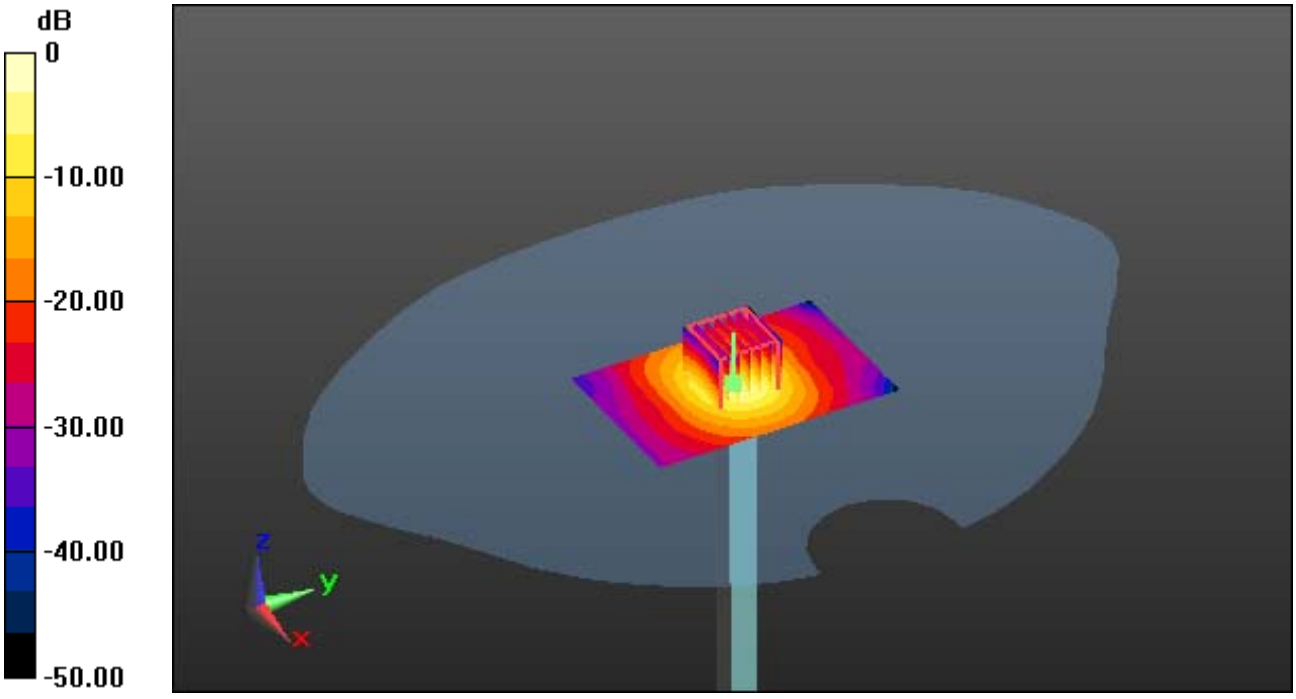
Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.959 S/m; ε_r = 35.011; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.62, 4.62, 4.62); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5600 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 8.29 W/kg; SAR(10 g) = 2.4 W/kg



0 dB = 17.1 W/kg

DT&C Co., Ltd.

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

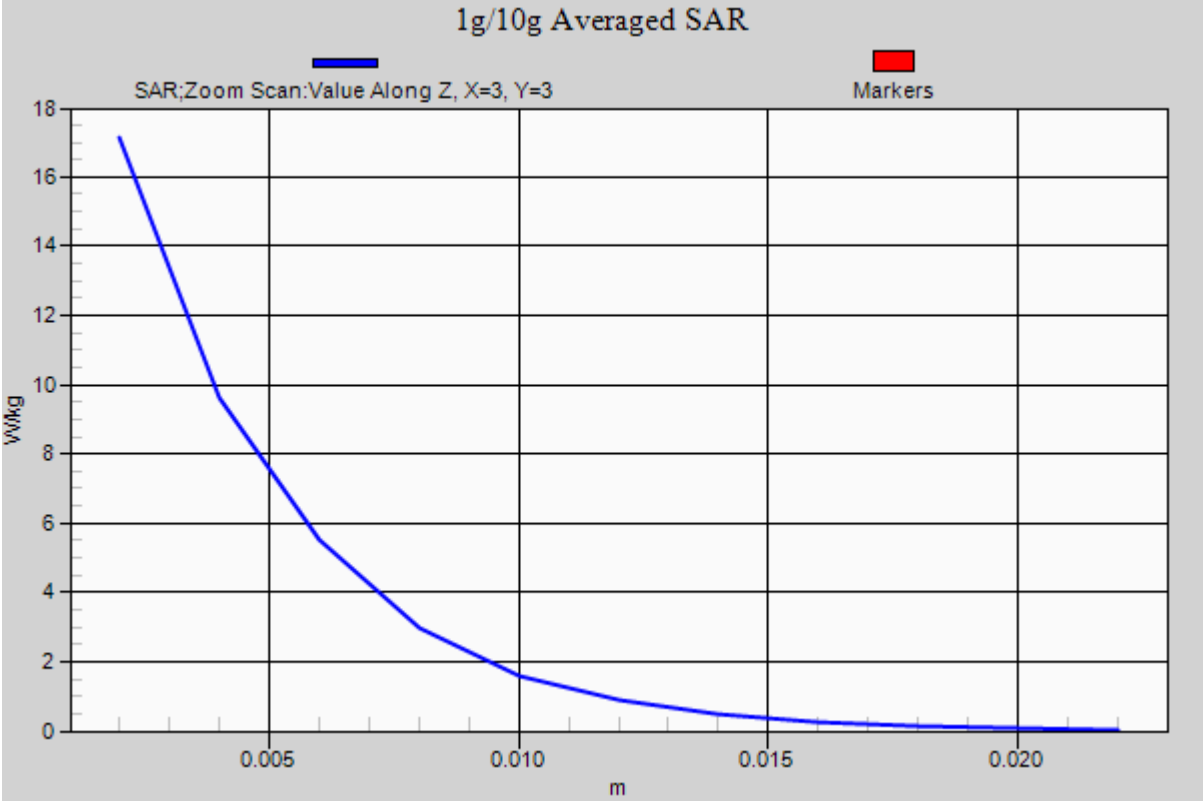
Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.959 S/m; ε_r = 35.011; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.62, 4.62, 4.62); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5600 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 8.29 W/kg; SAR(10 g) = 2.4 W/kg



DT&C Co., Ltd.

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

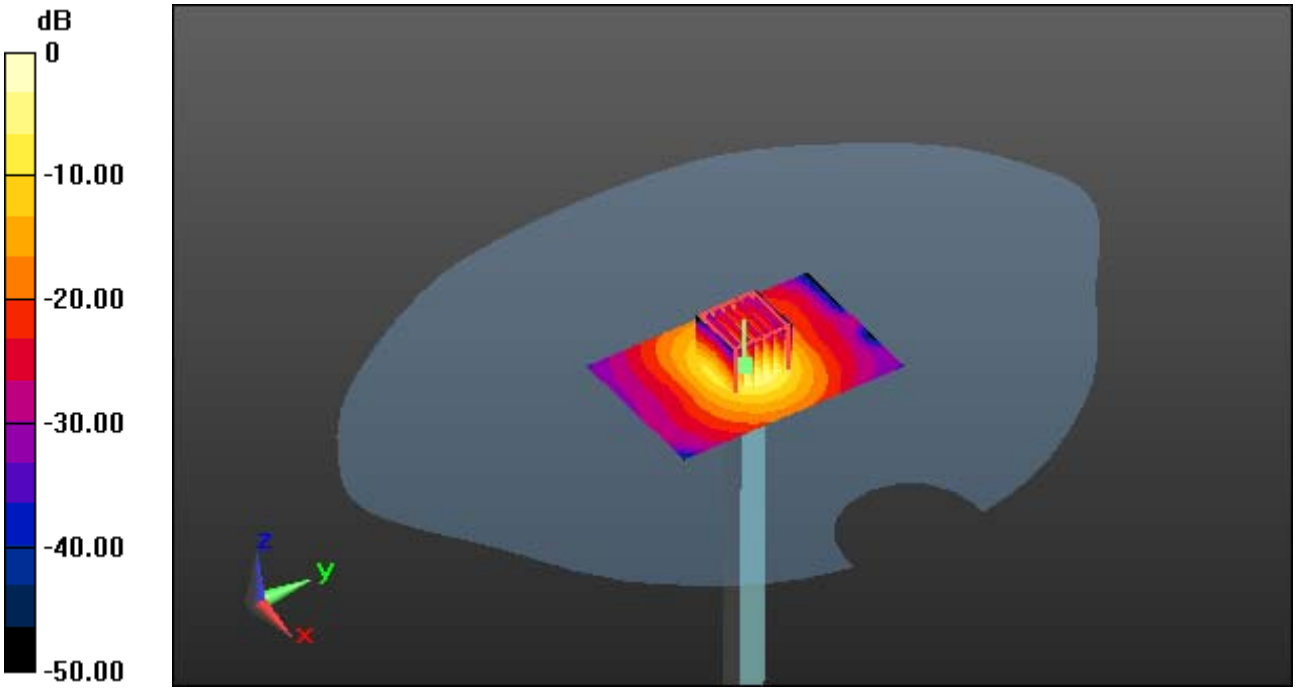
Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.772 S/m; ε_r = 47.757; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.07, 4.07, 4.07); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5600 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 29.8 W/kg
SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.27 W/kg



0 dB = 16.0 W/kg

DT&C Co., Ltd.

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

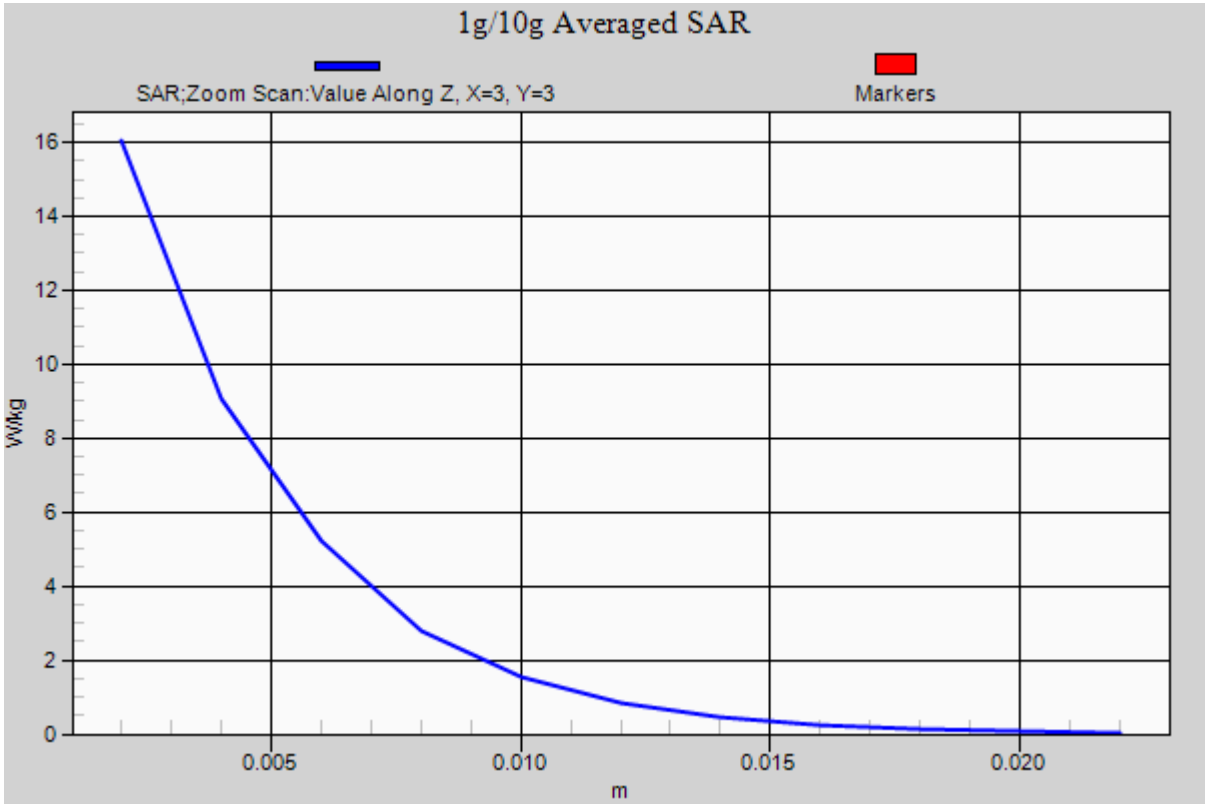
Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.772 S/m; ε_r = 47.757; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.07, 4.07, 4.07); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5600 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 29.8 W/kg
SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.27 W/kg



DT&C Co., Ltd.

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

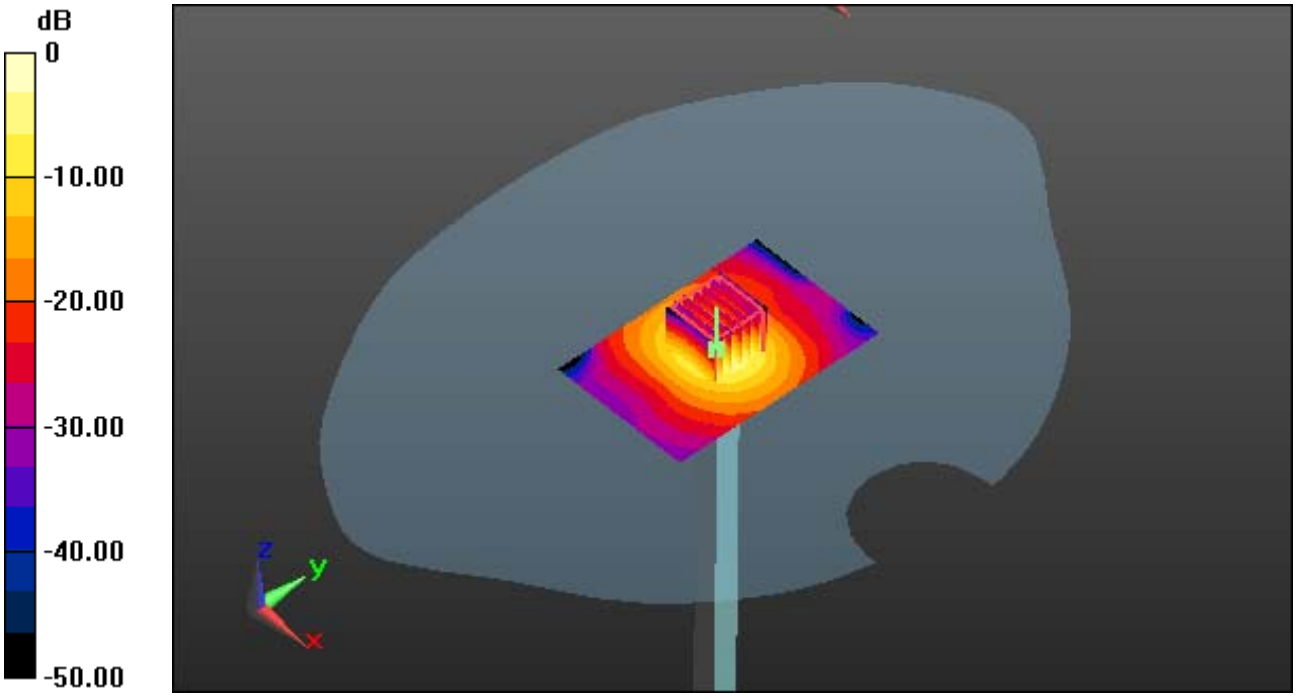
Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.182 S/m; ε_r = 34.665; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.68, 4.68, 4.68); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5800 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 29.0 W/kg
SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.19 W/kg



0 dB = 15.6 W/kg

DT&C Co., Ltd.

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

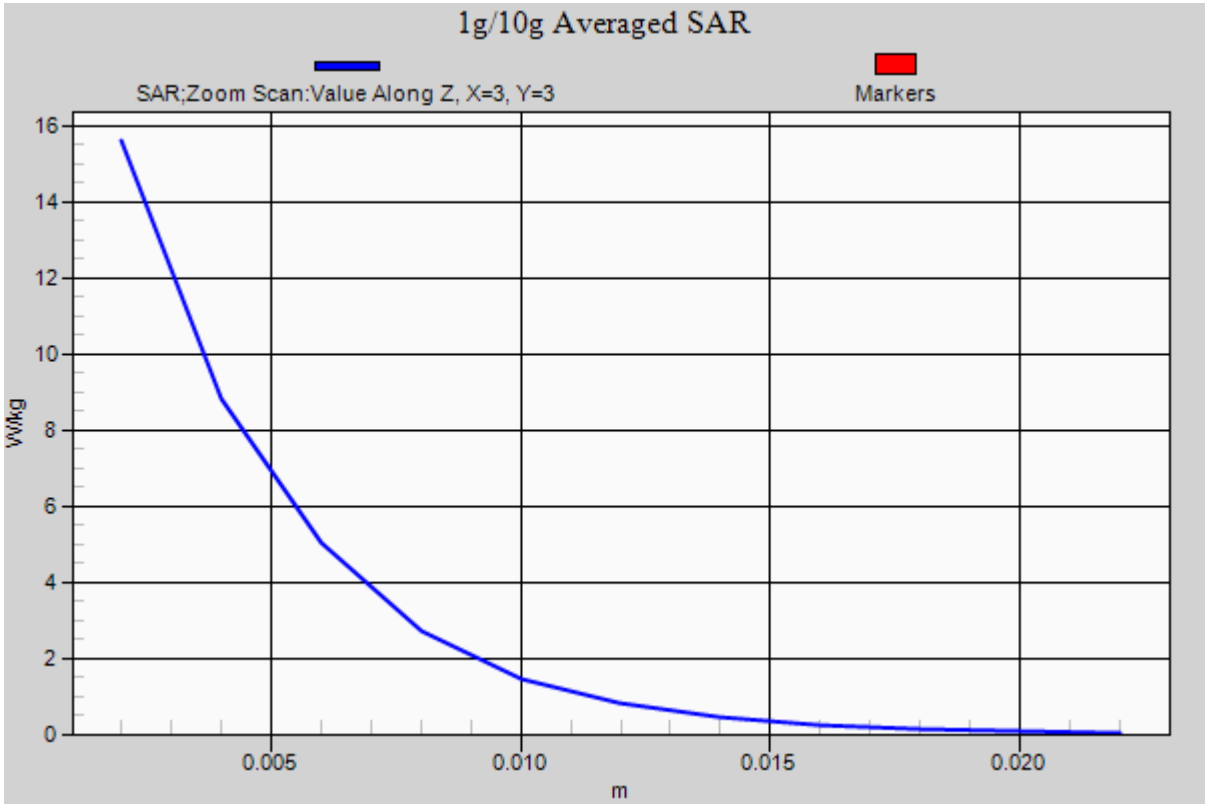
Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.182 S/m; ε_r = 34.665; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.68, 4.68, 4.68); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

5800 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 29.0 W/kg
SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.19 W/kg



DT&C Co., Ltd.

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

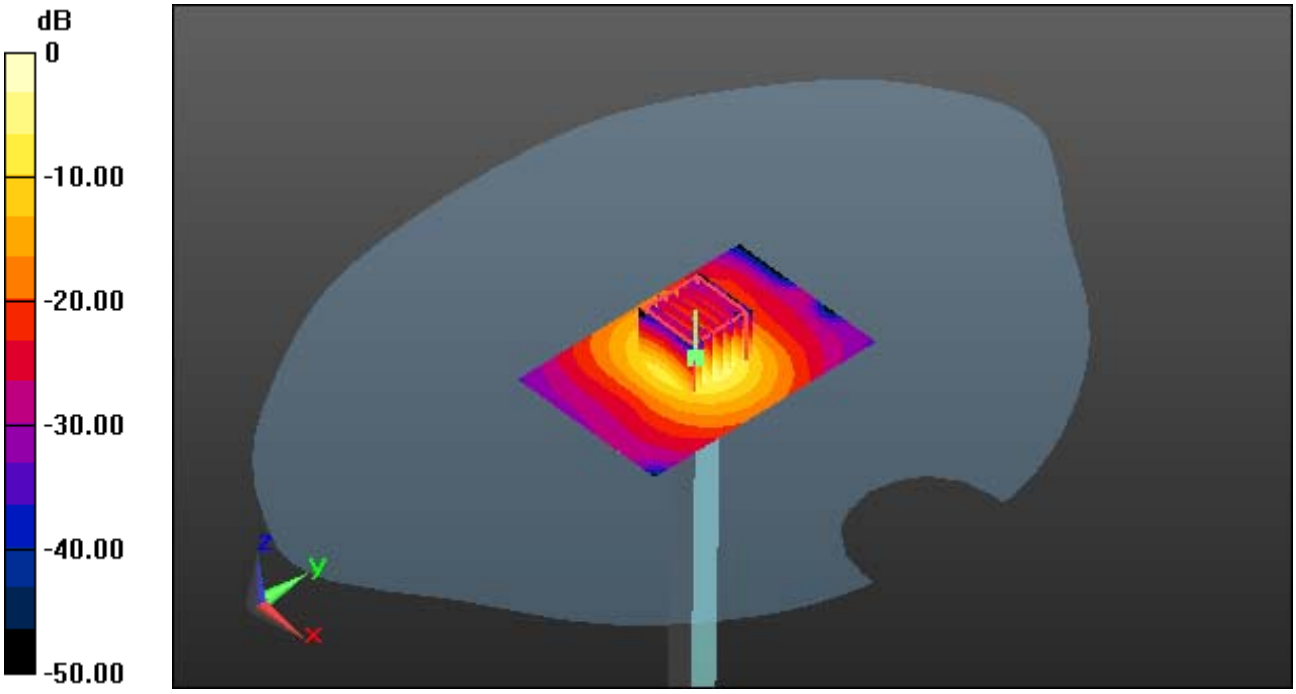
Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.043 S/m; ε_r = 47.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5800 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 27.4 W/kg
SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.22 W/kg



0 dB = 15.6 W/kg

DT&C Co., Ltd.

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

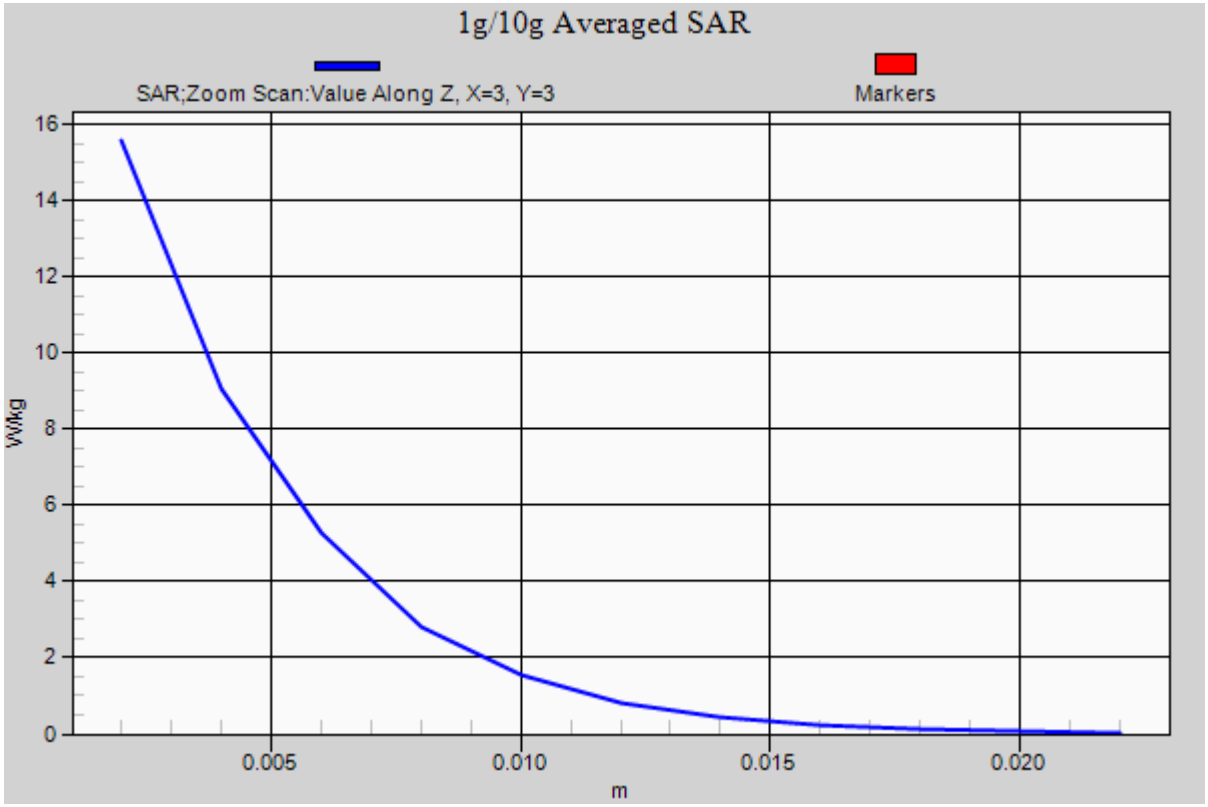
Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.043 S/m; ε_r = 47.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

5800 MHz System Verification

Area Scan (61x91x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 27.4 W/kg
SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.22 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

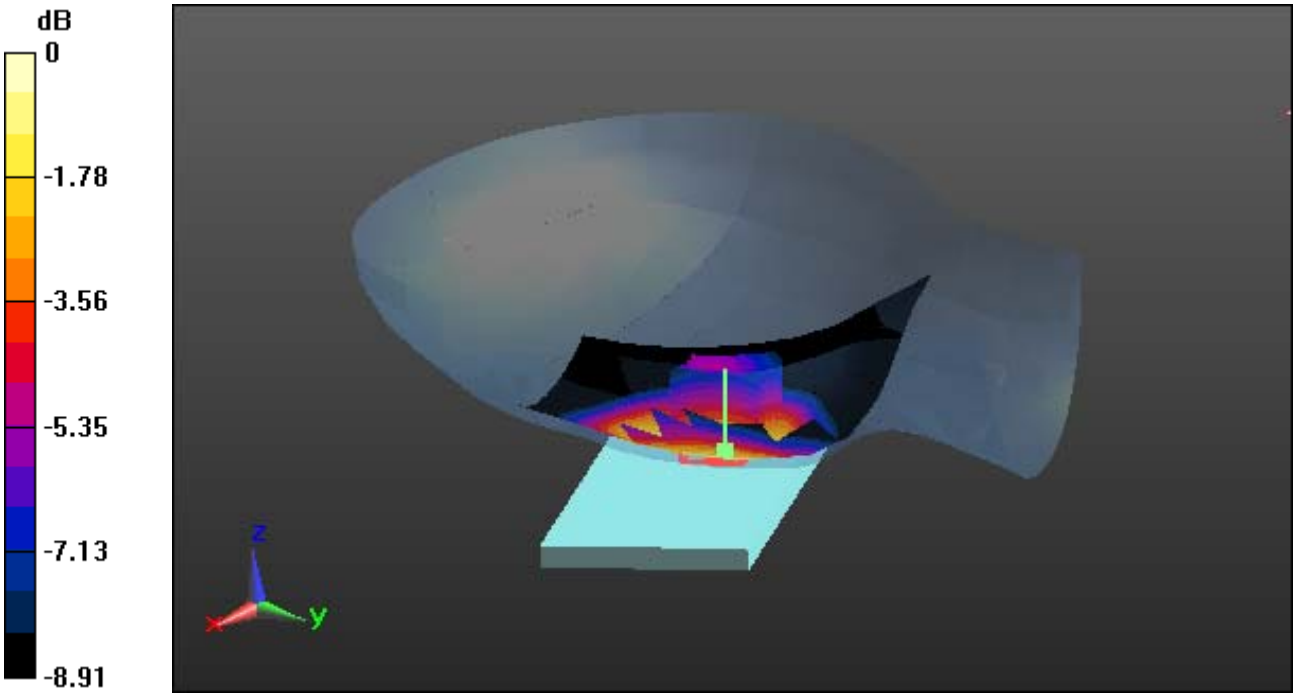
Communication System: GSM 850_10 (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.896 S/m; ε_r = 42.557; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-06; Ambient Temp: 21.2; Tissue Temp: 21.5

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.166 W/kg



0 dB = 0.245 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.896 S/m; ε_r = 42.557; ρ = 1000 kg/m^3
Phantom section: Right Section

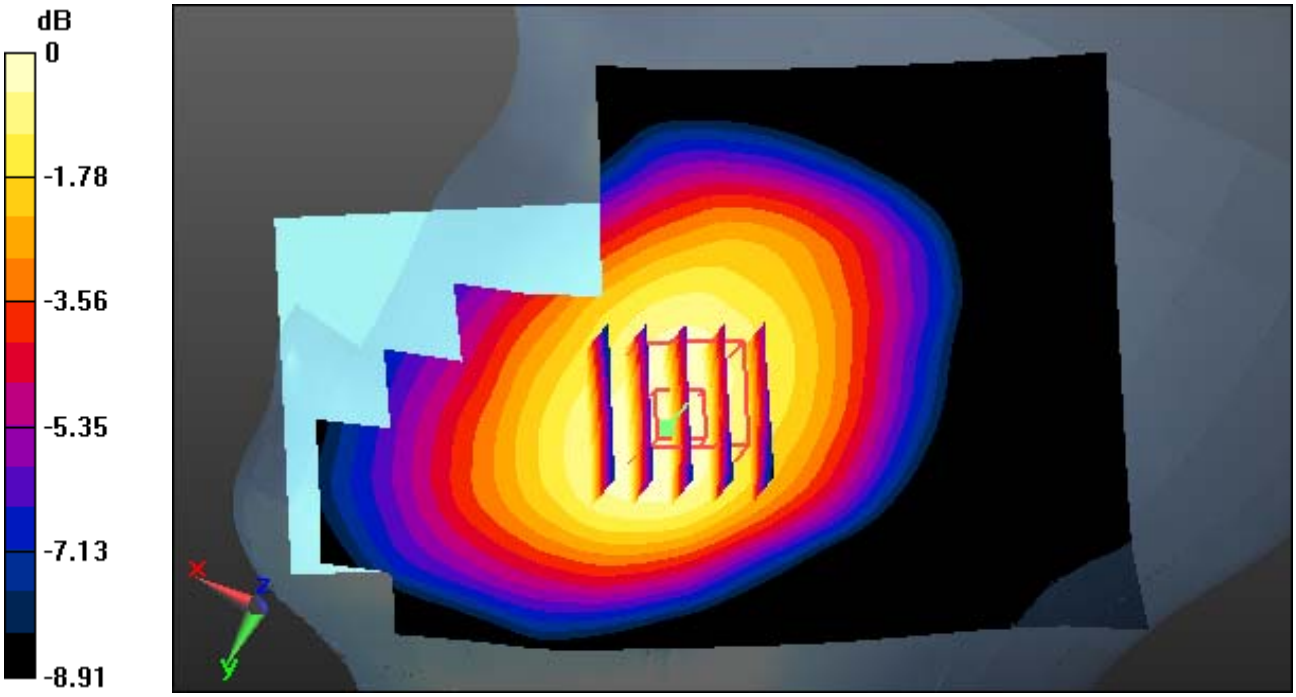
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-06; Ambient Temp: 21.2; Tissue Temp: 21.5

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

With Enlarge Plot image

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.166 W/kg



0 dB = 0.245 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

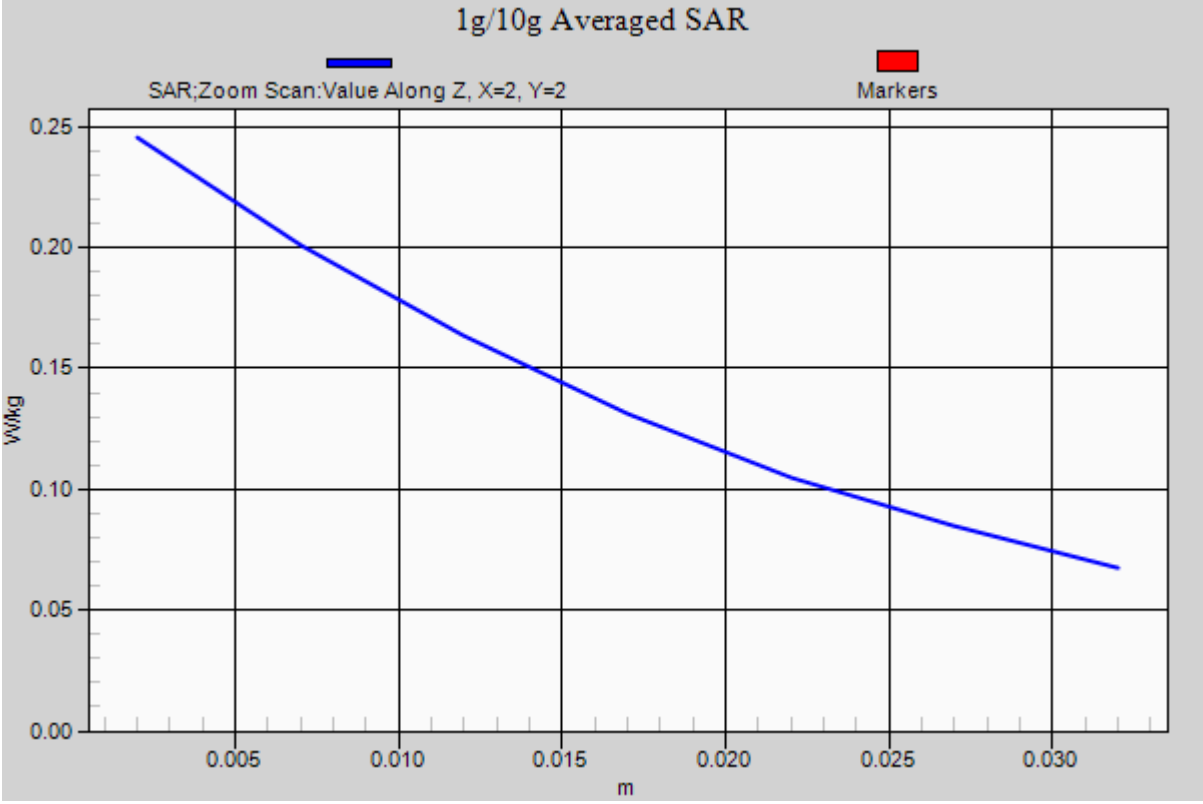
Communication System: GSM 850_10 (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.896 S/m; ε_r = 42.557; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-06; Ambient Temp: 21.2; Tissue Temp: 21.5

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.166 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

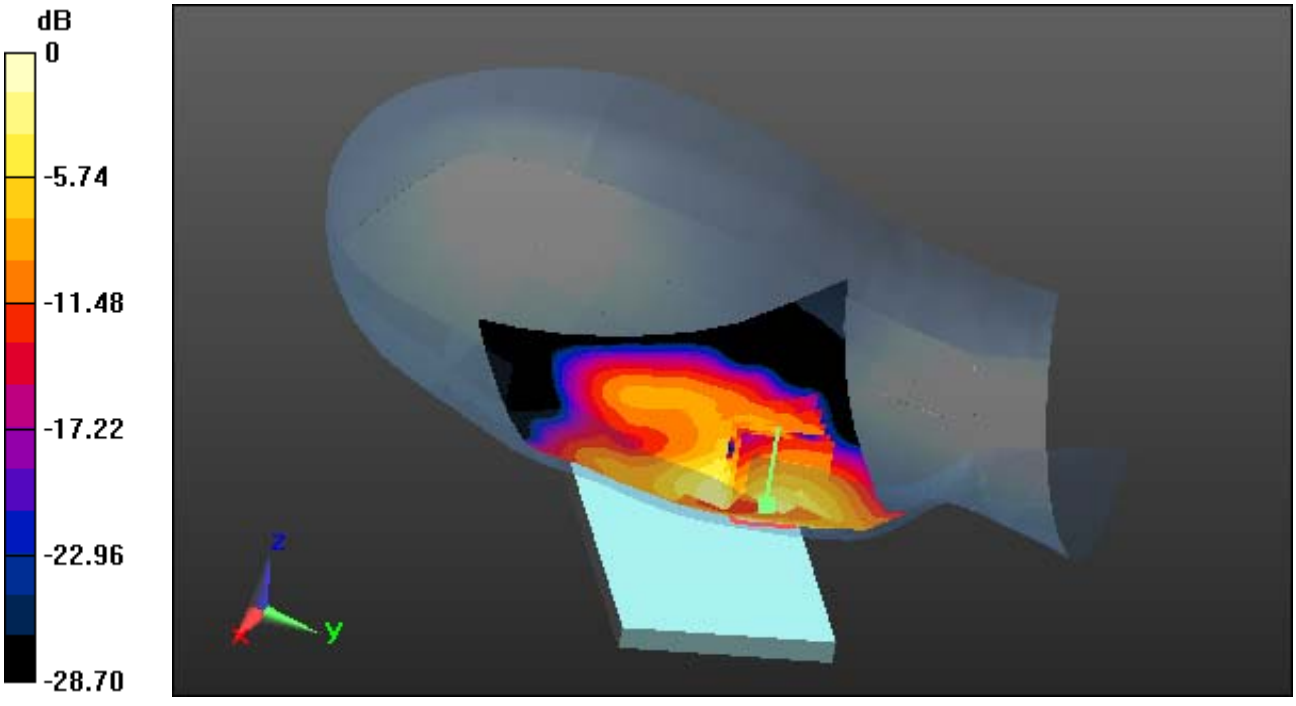
Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.402 S/m; ε_r = 40.896; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-08; Ambient Temp: 21.1; Tissue Temp: 21.6

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.144 W/kg



0 dB = 0.289 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.402 S/m; ε_r = 40.896; ρ = 1000 kg/m^3
Phantom section: Right Section

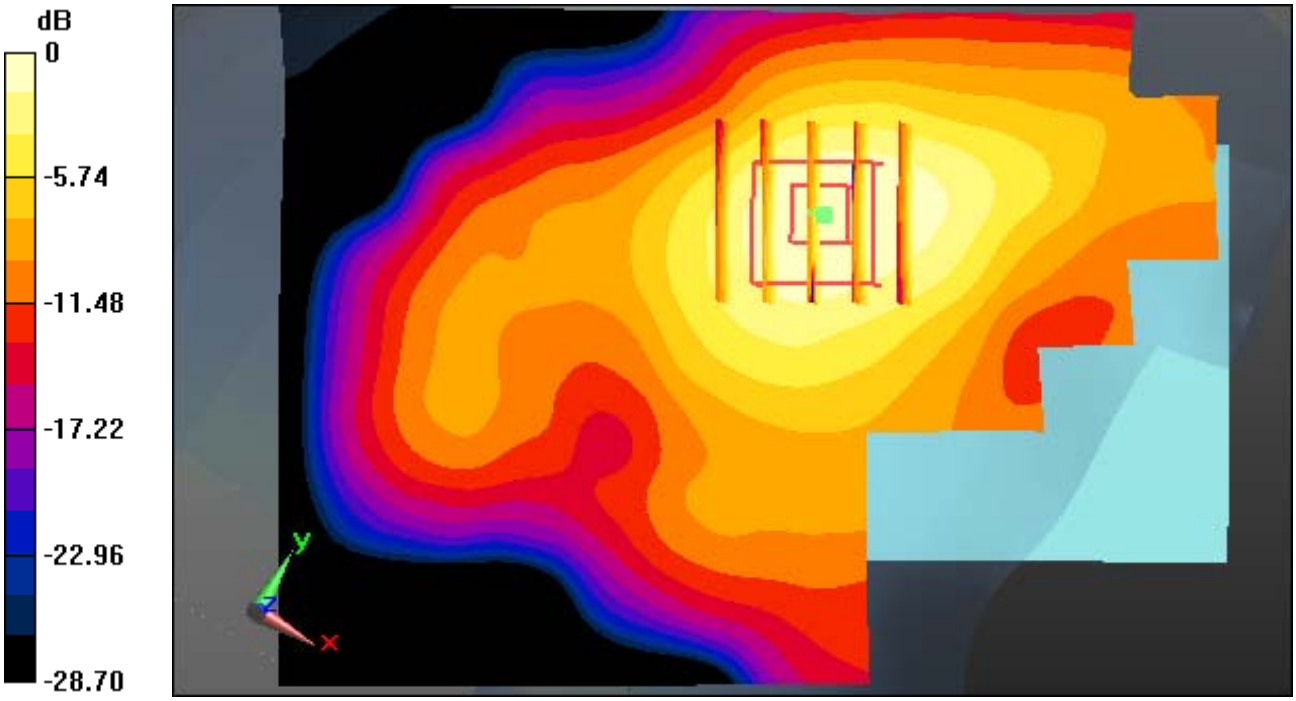
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-08; Ambient Temp: 21.1; Tissue Temp: 21.6

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

With Enlarge Plot image

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.144 W/kg



0 dB = 0.289 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

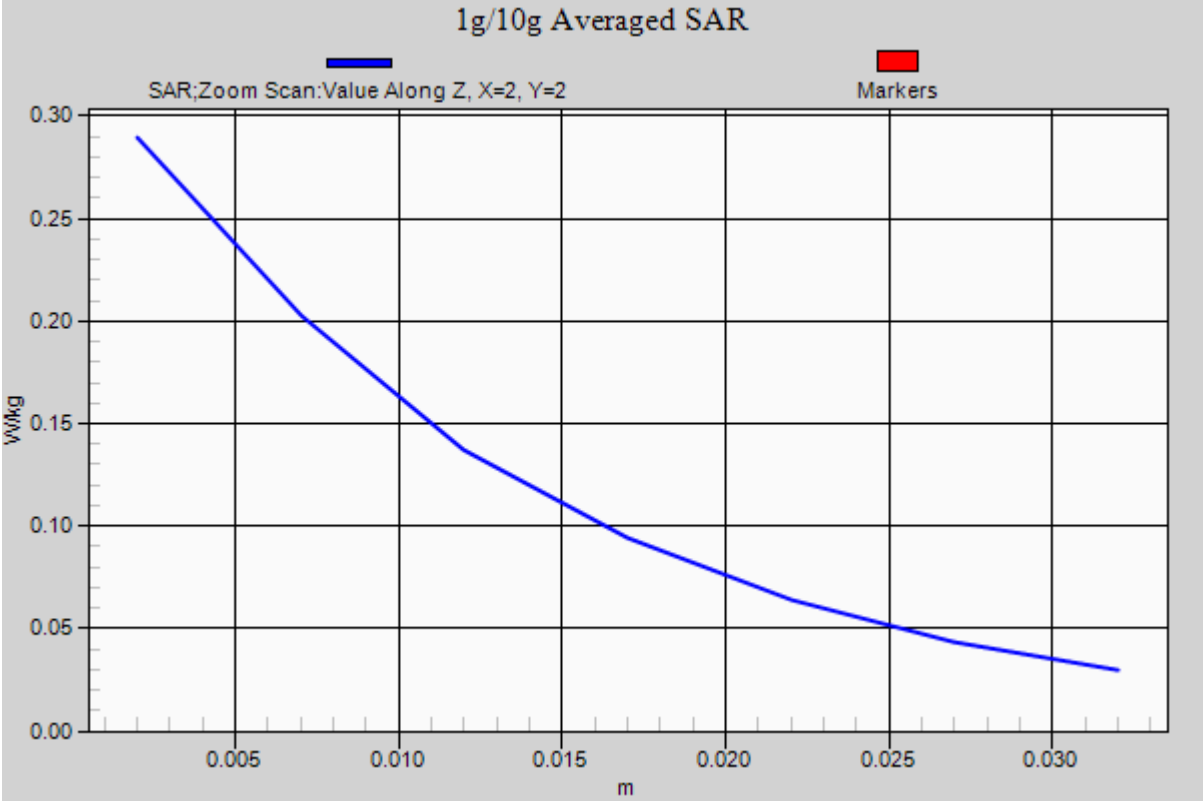
Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.402 S/m; ε_r = 40.896; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.144 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

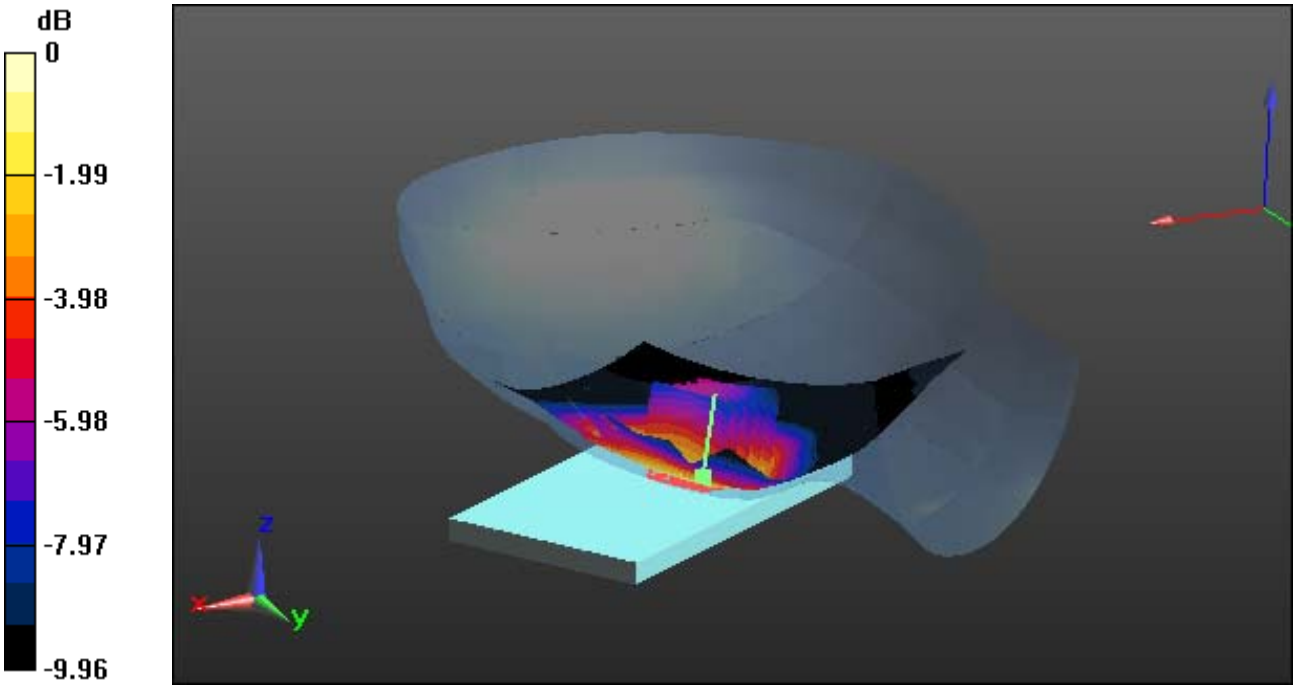
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.894 S/m; ε_r = 42.354; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.7

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.102 W/kg



0 dB = 0.153 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.894 S/m; ε_r = 42.354; ρ = 1000 kg/m^3
Phantom section: Right Section

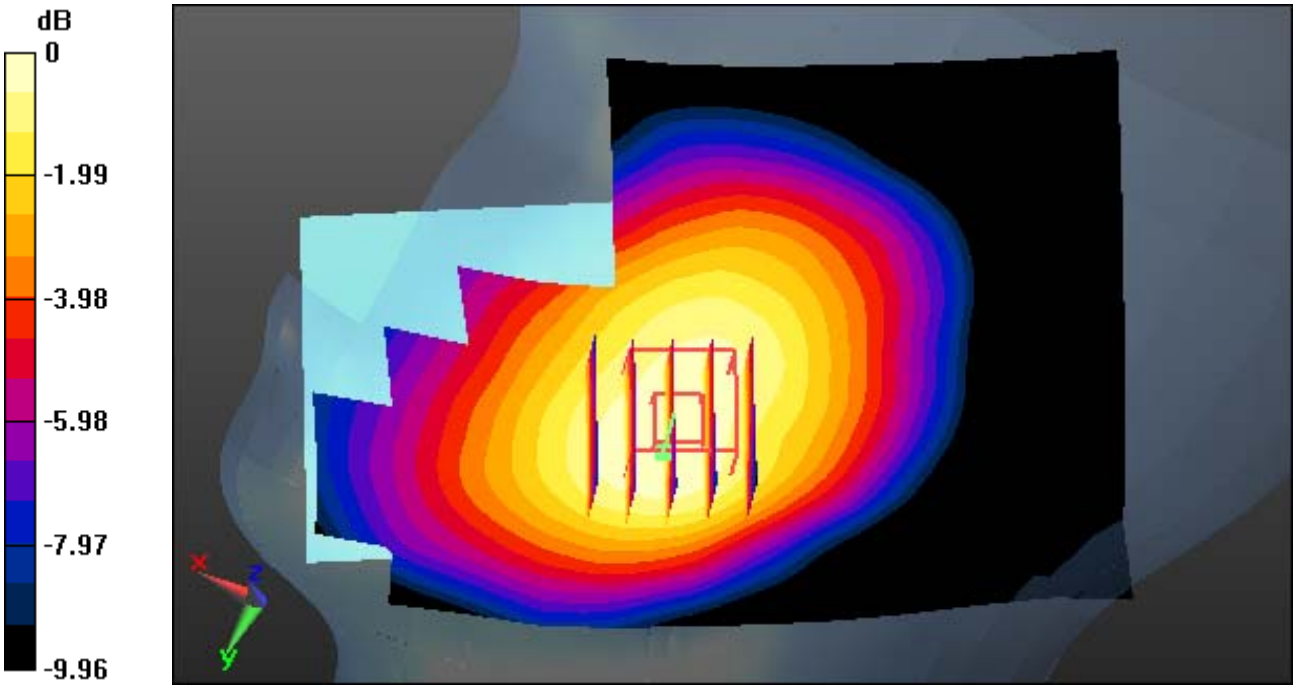
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.7

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

With Enlarge plot image

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.102 W/kg



0 dB = 0.153 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

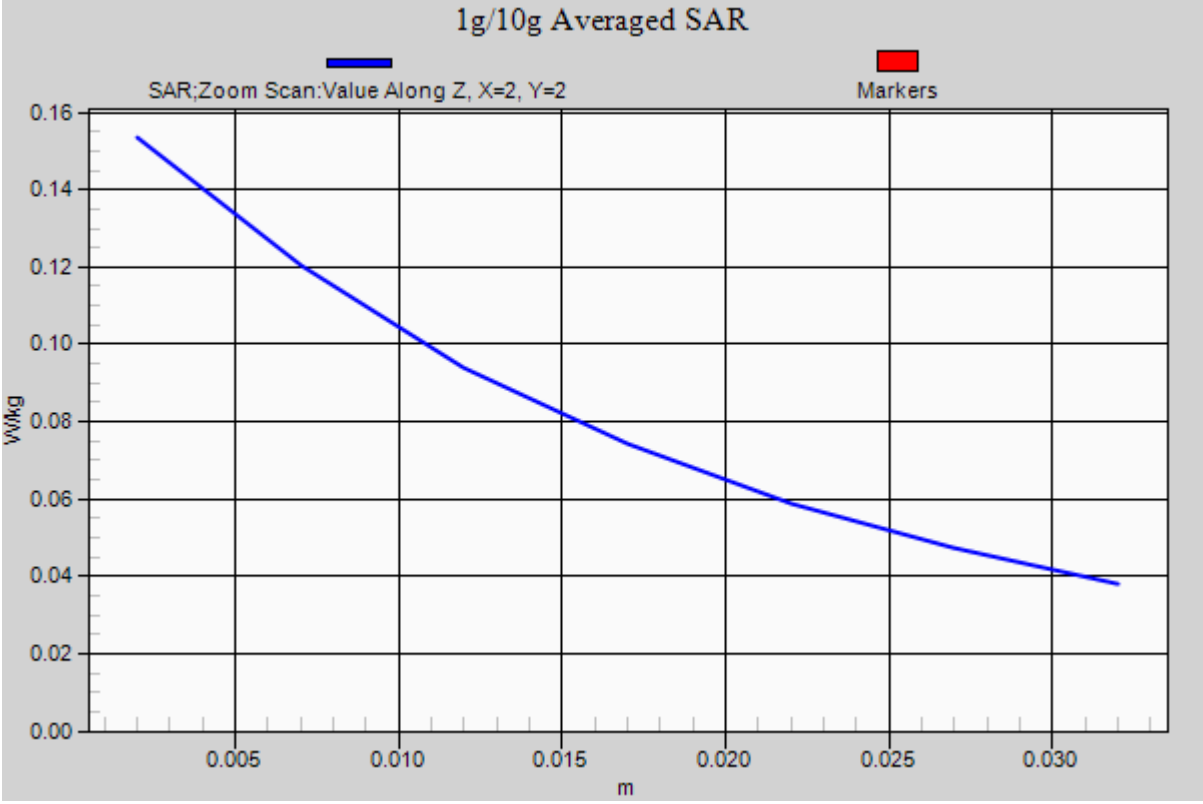
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.894 S/m; ε_r = 42.354; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.7

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.102 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

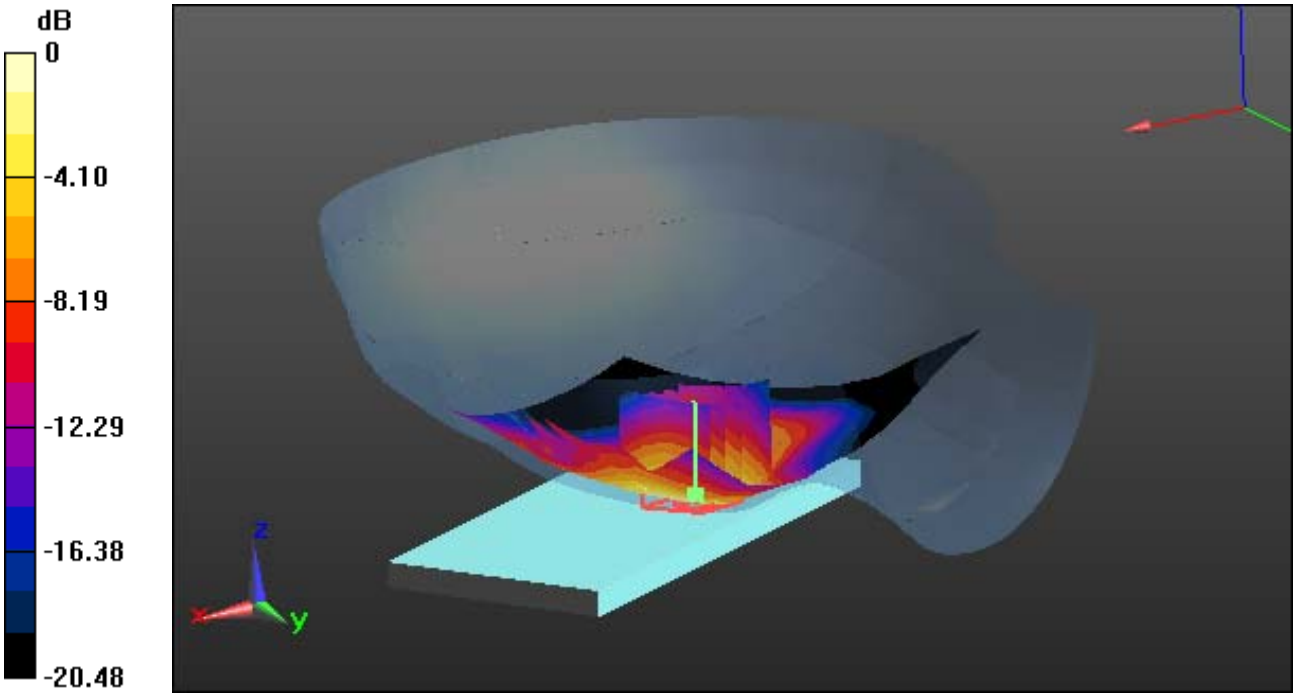
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.409 S/m; ε_r = 41.422; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.8

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.153 W/kg



0 dB = 0.322 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.409 S/m; ε_r = 41.422; ρ = 1000 kg/m^3
Phantom section: Right Section

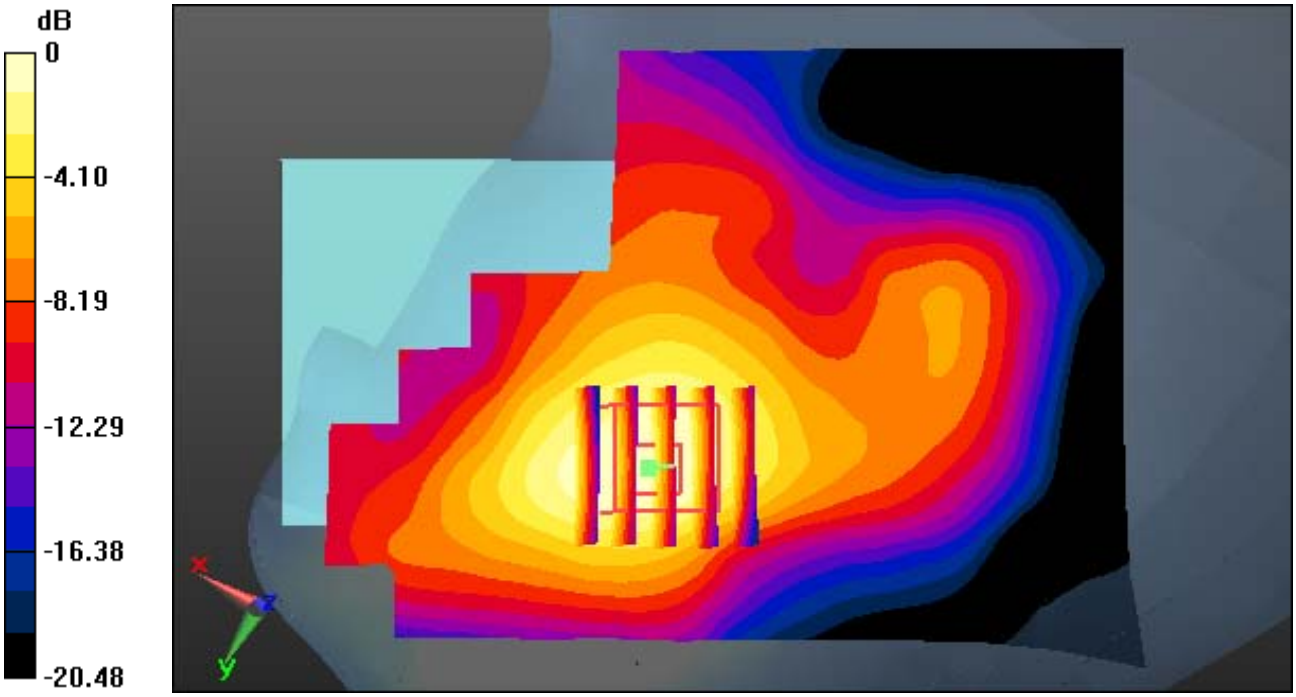
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.8

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

With Enlarge Plot image

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.153 W/kg



0 dB = 0.322 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

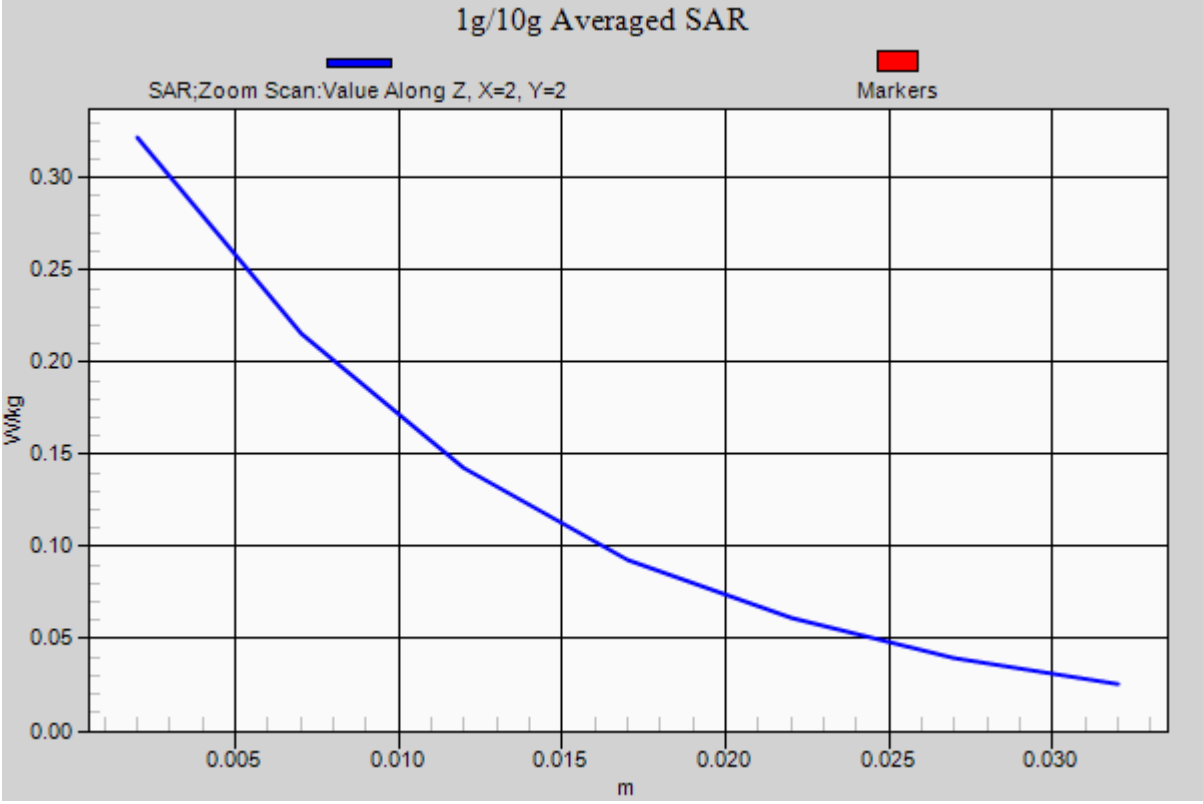
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.409 S/m; ε_r = 41.422; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.96, 7.96, 7.96); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.8

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.153 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: LTE Band 5 (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.893 S/m; ε_r = 42.76; ρ = 1000 kg/m^3
Phantom section: Right Section

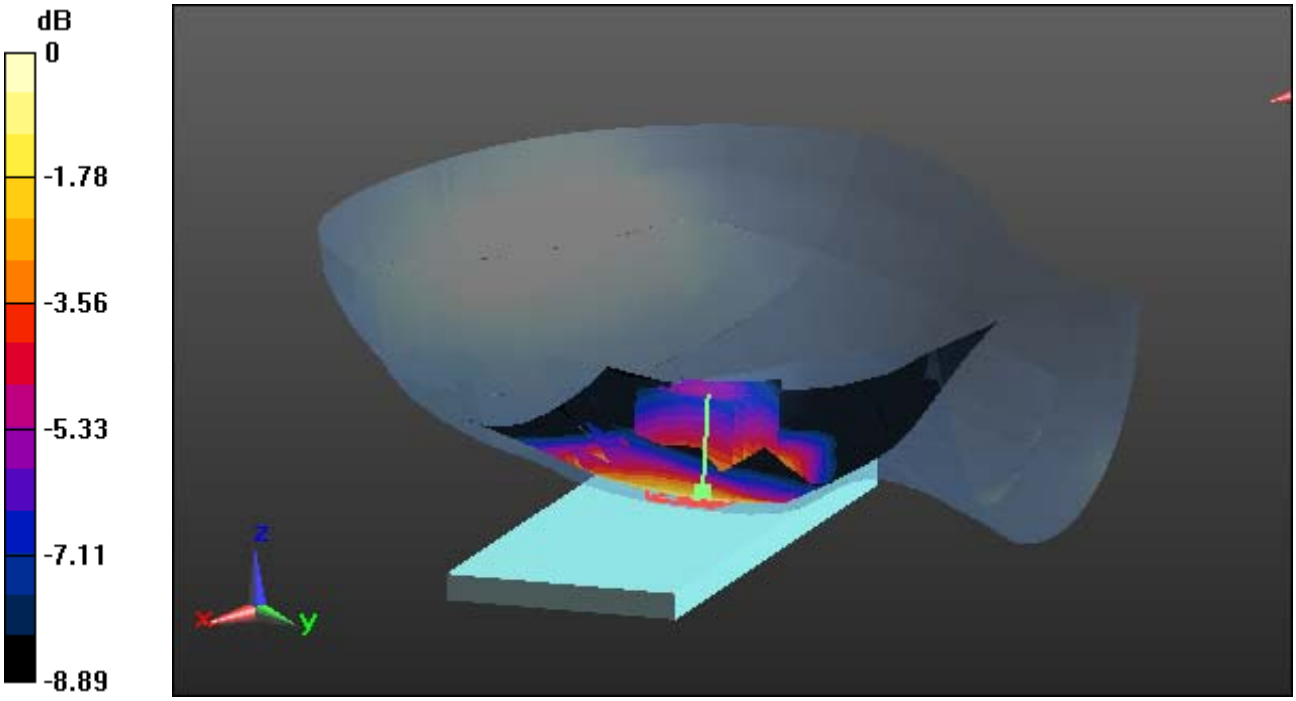
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-13; Ambient Temp: 20.6; Tissue Temp: 20.9

Right Touch, LTE Band 5 Ch. 20450, Ant Internal, Standard Battery

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

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.108 W/kg



0 dB = 0.158 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: LTE Band 5 (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.893 S/m; ε_r = 42.76; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

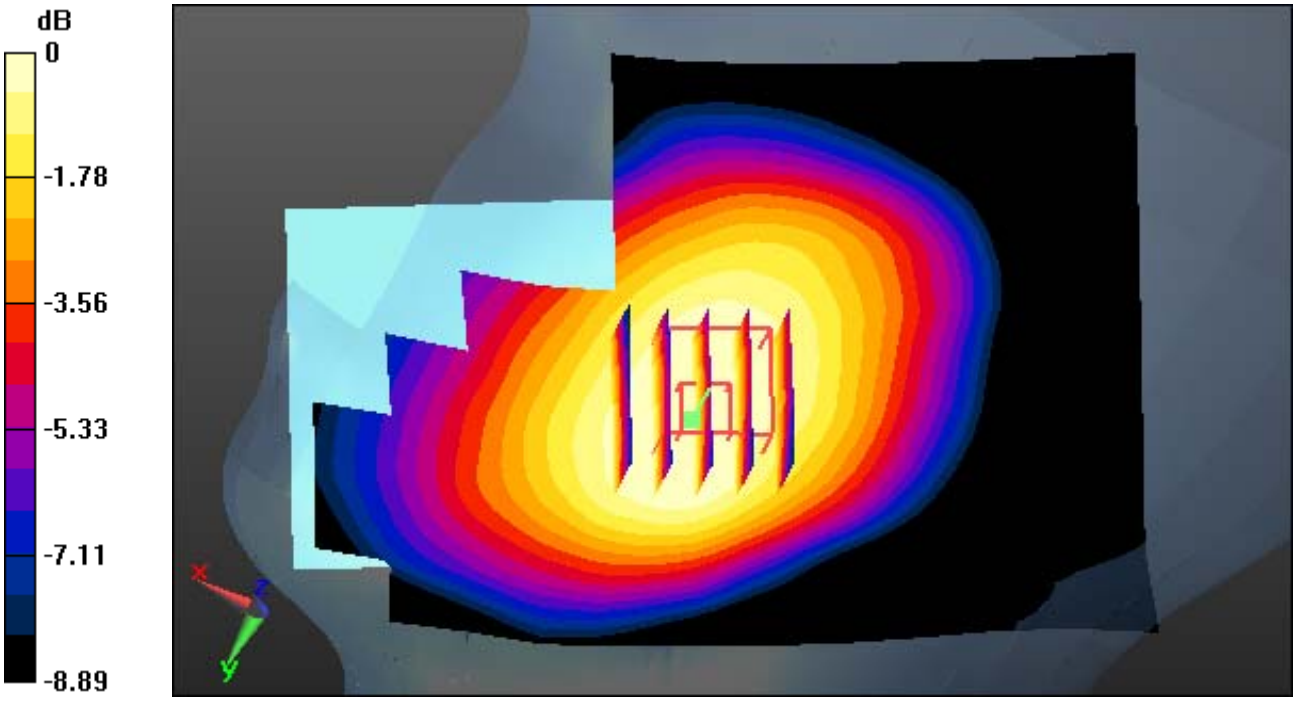
Test Date: 2014-11-13; Ambient Temp: 20.6; Tissue Temp: 20.9

Right Touch, LTE Band 5 Ch. 20450, Ant Internal, Standard Battery

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

With Enlarge Plot image

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.108 W/kg



0 dB = 0.158 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: LTE Band 5 (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.893 S/m; ε_r = 42.76; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.79, 9.79, 9.79); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

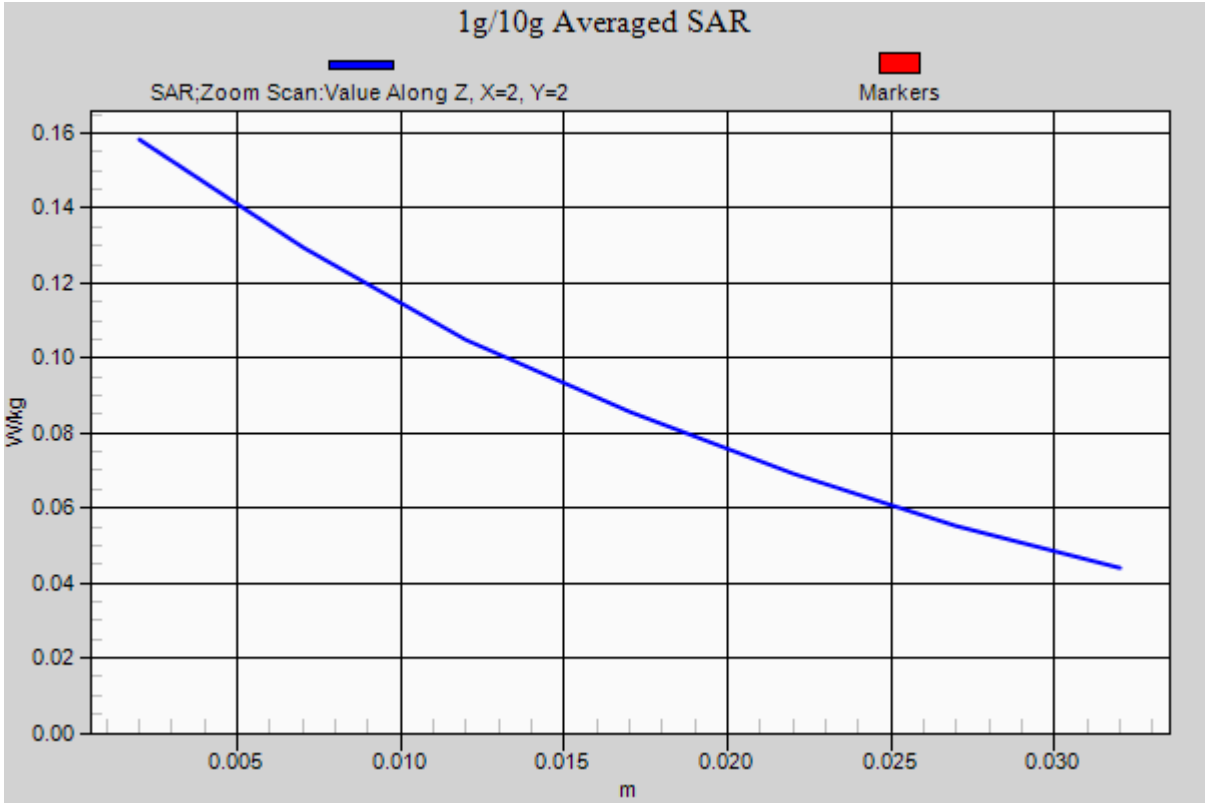
Test Date: 2014-11-13; Ambient Temp: 20.6; Tissue Temp: 20.9

Right Touch, LTE Band 5 Ch. 20450, Ant Internal, Standard Battery

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

With Enlarge Plot image

Area Scan (81x121x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.108 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

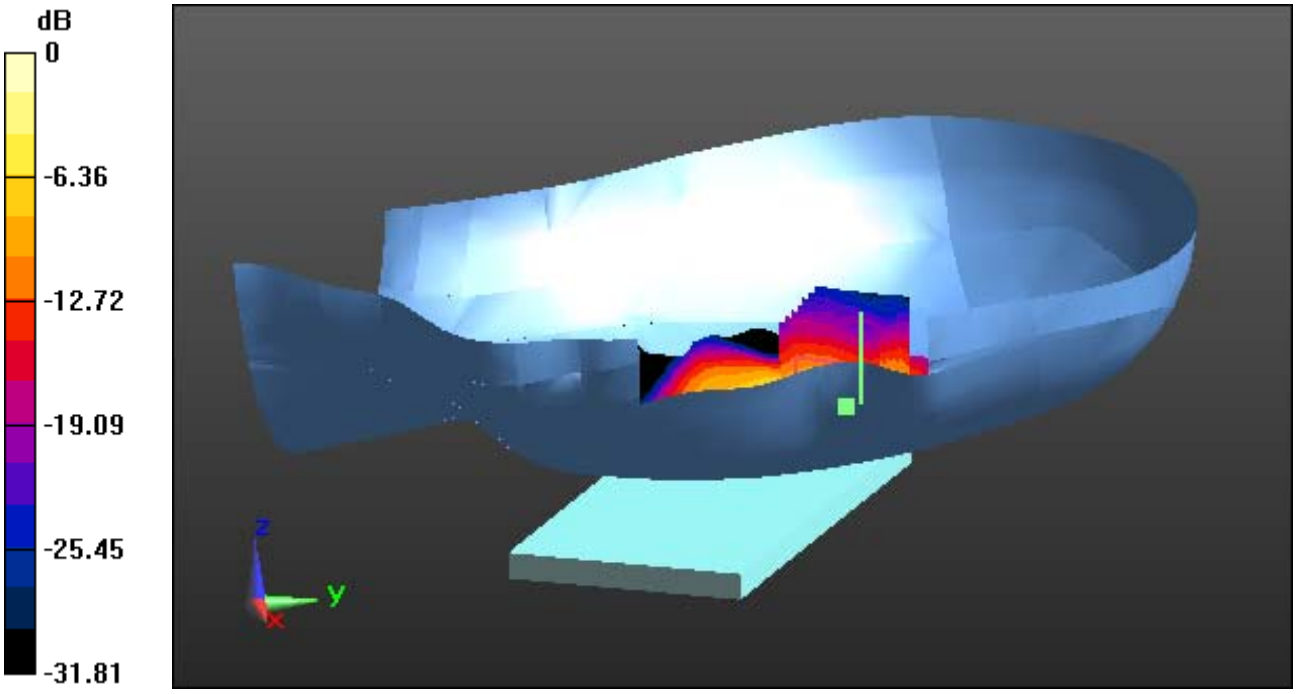
Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.803 S/m; ε_r = 38.558; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.18, 7.18, 7.18); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.5; Tissue Temp: 21.9

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

Area Scan (131x161x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.647 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.146 W/kg



0 dB = 0.454 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.803 S/m; ε_r = 38.558; ρ = 1000 kg/m^3
Phantom section: Left Section

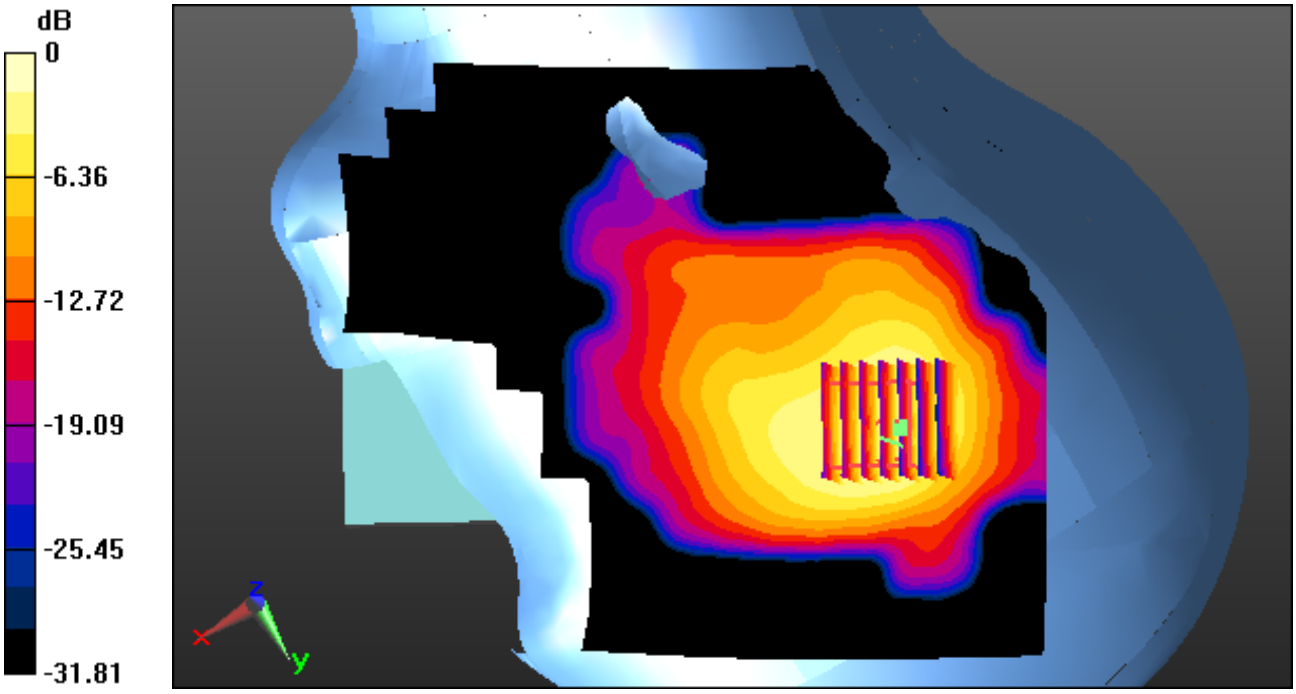
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.18, 7.18, 7.18); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.5; Tissue Temp: 21.9

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

With Enlarge Plot image

Area Scan (131x161x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.647 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.146 W/kg



0 dB = 0.454 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

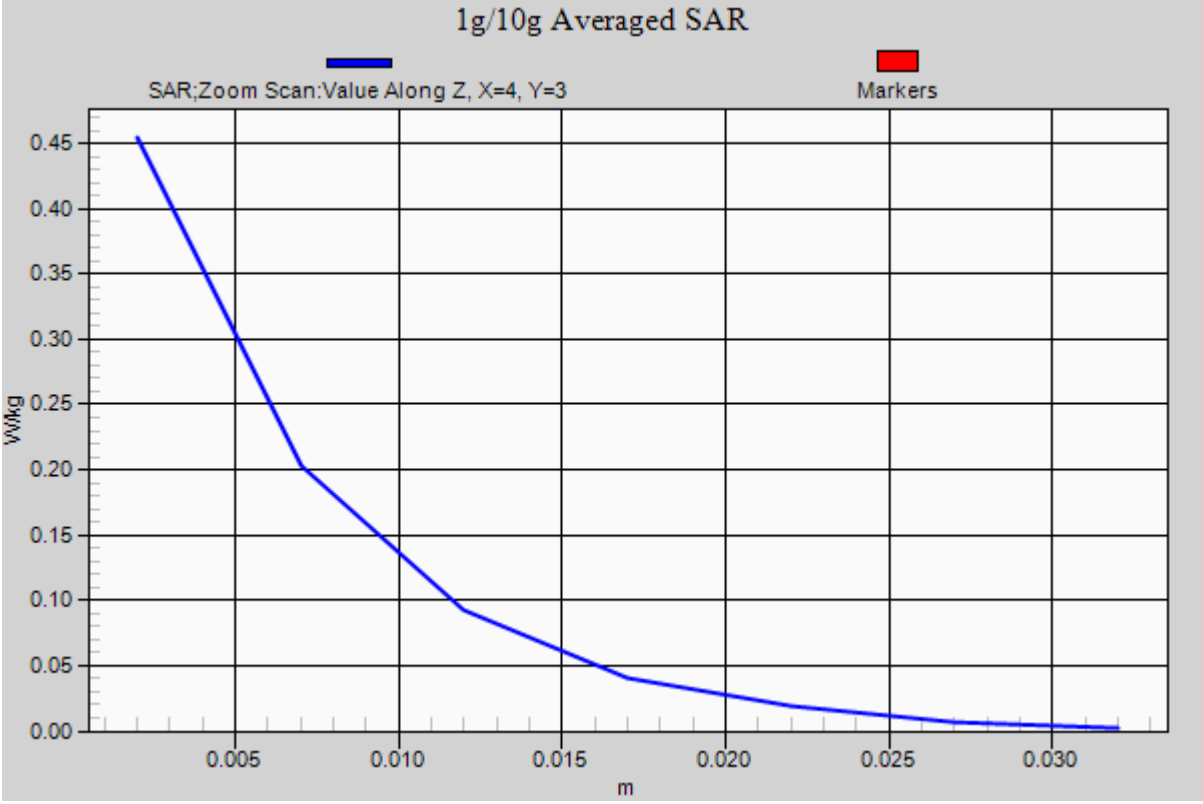
Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.803 S/m; ε_r = 38.558; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.18, 7.18, 7.18); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-15; Ambient Temp: 21.5; Tissue Temp: 21.9

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

Area Scan (131x161x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.647 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.146 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

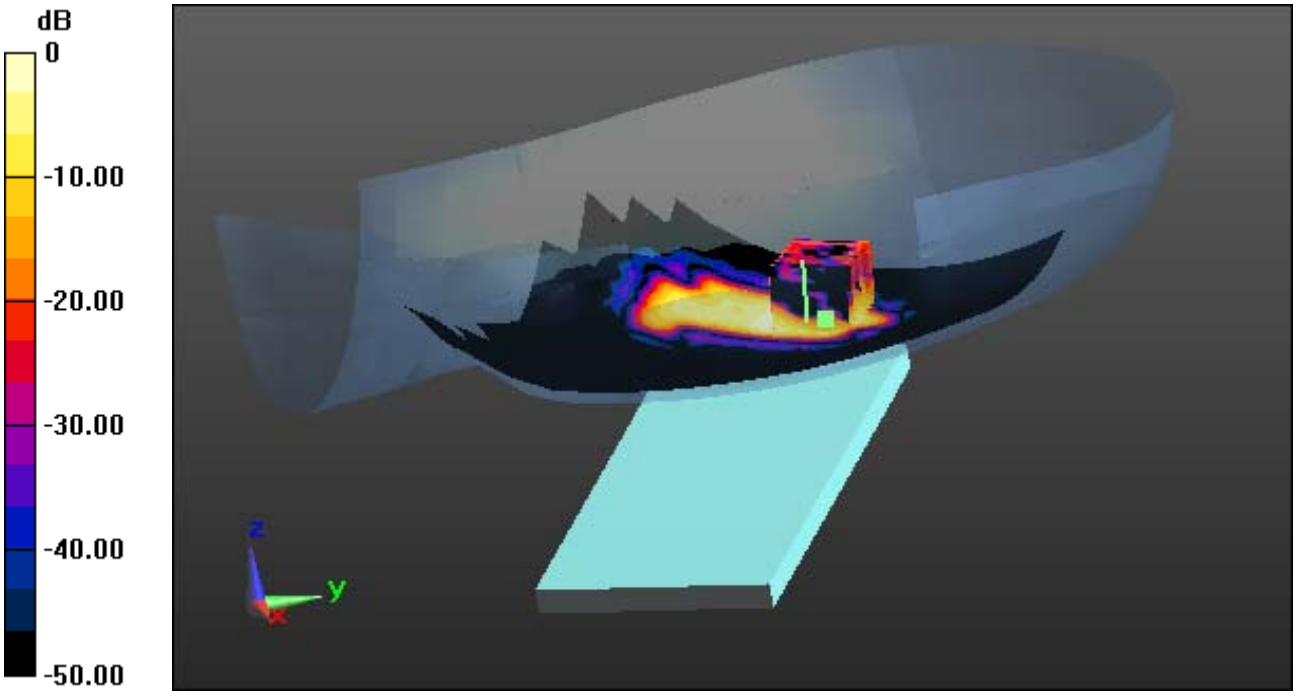
Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.543 S/m; ε_r = 35.635; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.99, 4.99, 4.99); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

Left Tilt, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal, Standard Battery

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.051 W/kg



0 dB = 0.348 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.543 S/m; ε_r = 35.635; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.99, 4.99, 4.99); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

Left Tilt, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal, Standard Battery

With Enlarge Plot image

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.051 W/kg

0 dB = 0.348 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

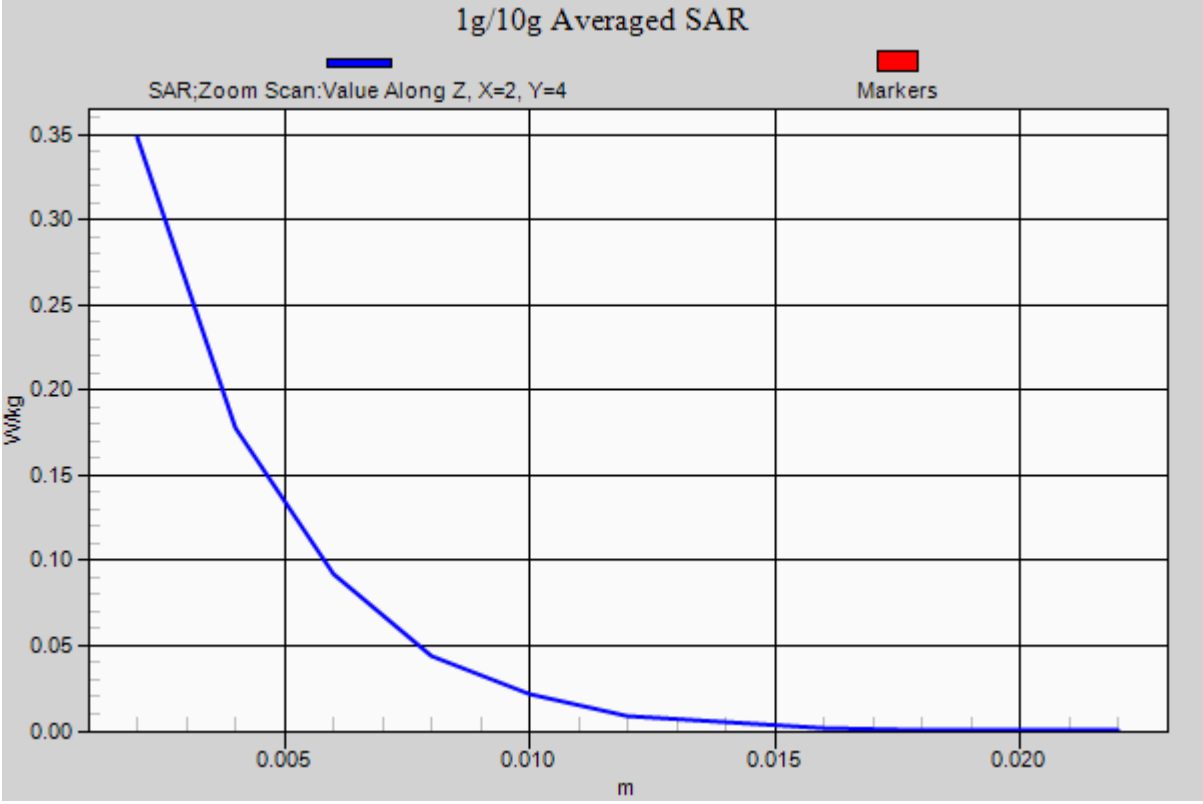
Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.543 S/m; ε_r = 35.635; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.99, 4.99, 4.99); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

Left Tilt, 5.2G W-LAN(802.11a) Ch. 48, Ant Internal, Standard Battery

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.051 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

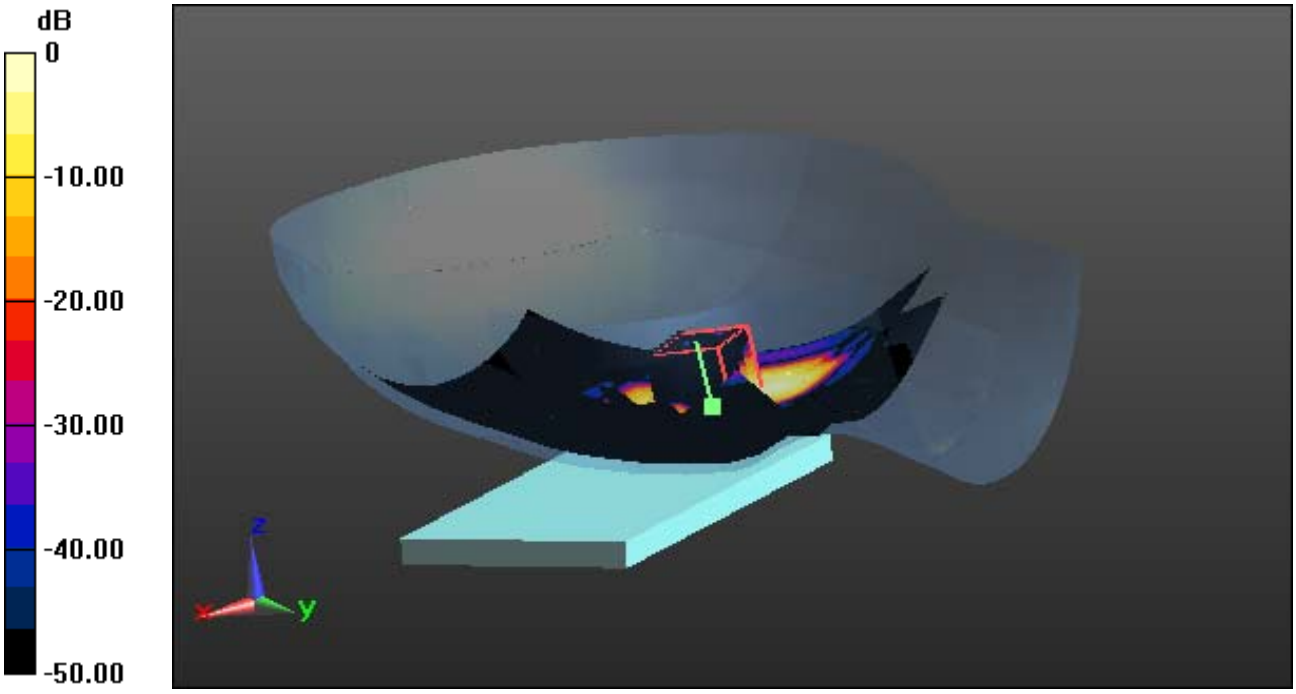
Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.638 S/m; ε_r = 35.491; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.86, 4.86, 4.86); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Touch, 5.3G W-LAN (802.11a) Ch. 64, Ant Internal, Standard Battery

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.877 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.493 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.638 S/m; ε_r = 35.491; ρ = 1000 kg/m^3
Phantom section: Right Section

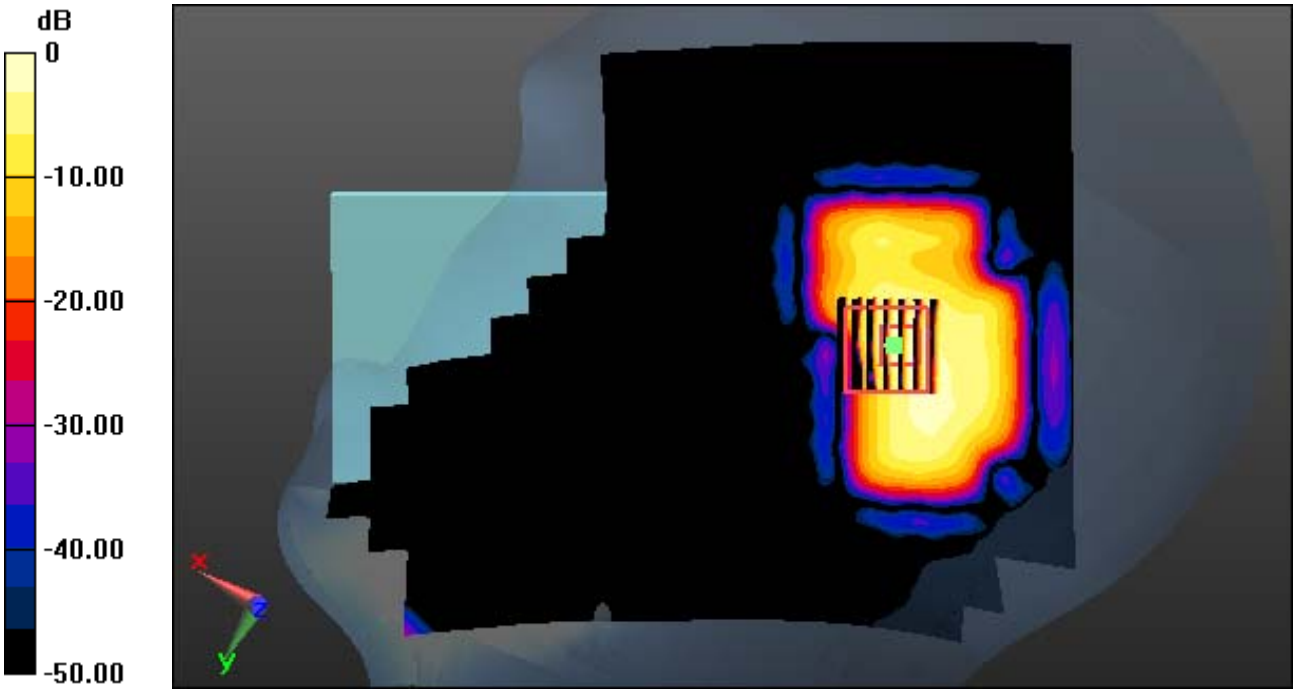
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.86, 4.86, 4.86); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Touch, 5.3G W-LAN (802.11a) Ch. 64, Ant Internal, Standard Battery

With Enlarge Plot image

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.877 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.493 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

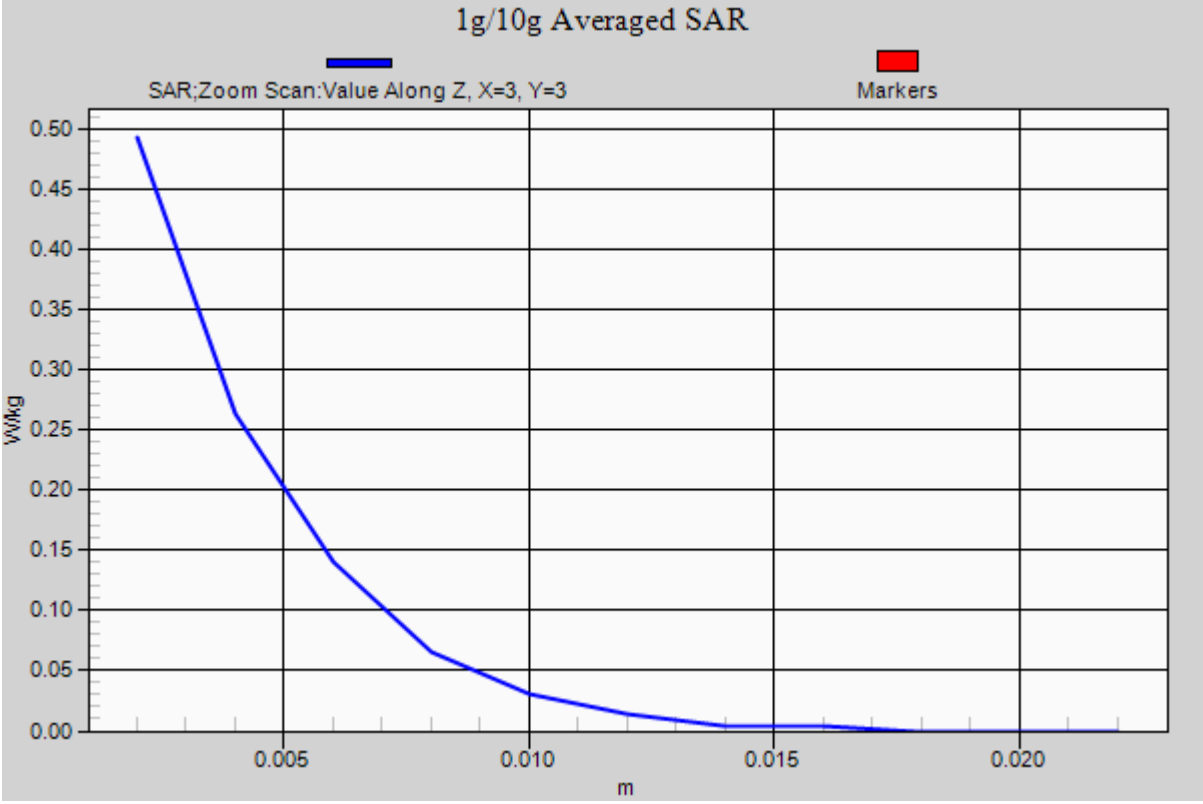
Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.638 S/m; ε_r = 35.491; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.86, 4.86, 4.86); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Touch, 5.3G W-LAN (802.11a) Ch. 64, Ant Internal, Standard Battery

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.877 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.056 W/kg



DUT: LG-D855V; Type: Bar

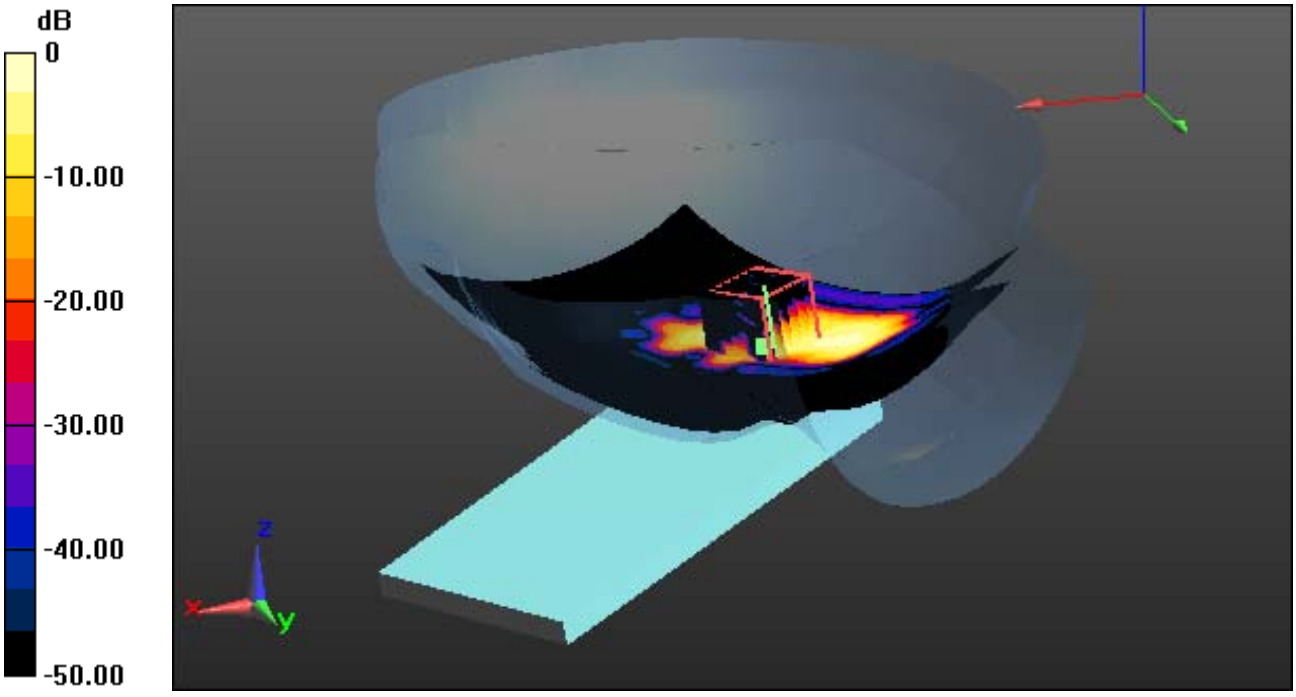
Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 4.931 S/m; ε_r = 35.042; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.62, 4.62, 4.62); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

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

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.574 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 4.931 S/m; ε_r = 35.042; ρ = 1000 kg/m^3
Phantom section: Right Section

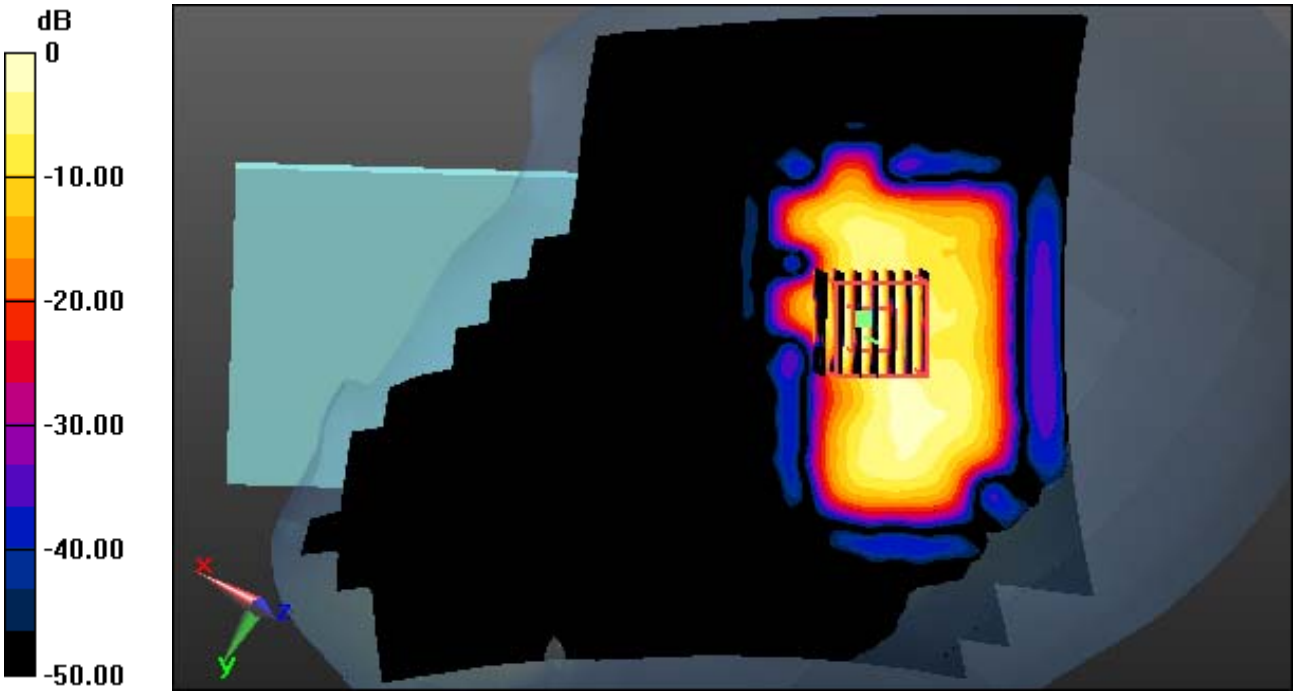
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.62, 4.62, 4.62); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

Right Tilt, 5.3G W-LAN (802.11a) Ch. 64, Ant Internal, Standard Battery

With Enlarge Plot image

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.574 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

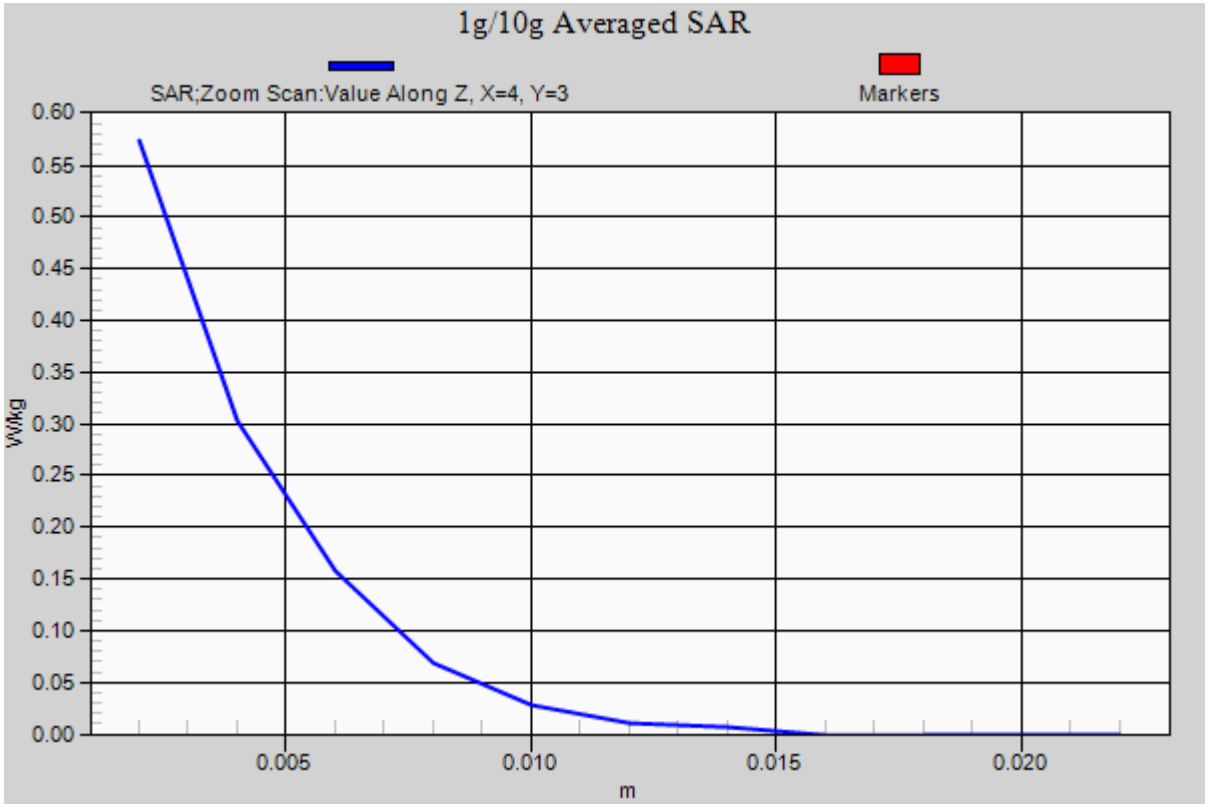
Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 4.931 S/m; ε_r = 35.042; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.62, 4.62, 4.62); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

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

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.062 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

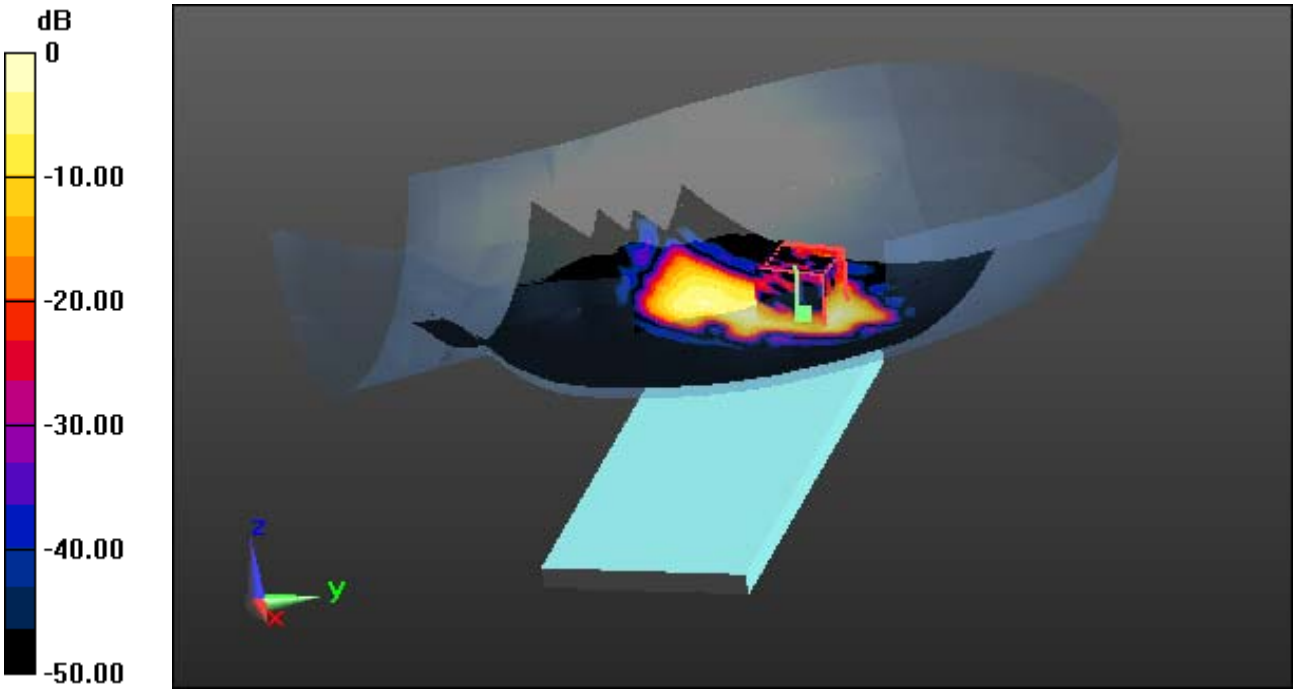
Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.117 S/m; ε_r = 34.766; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.83, 4.83, 4.83); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

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

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.767 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.409 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.117 S/m; ε_r = 34.766; ρ = 1000 kg/m^3
Phantom section: Left Section

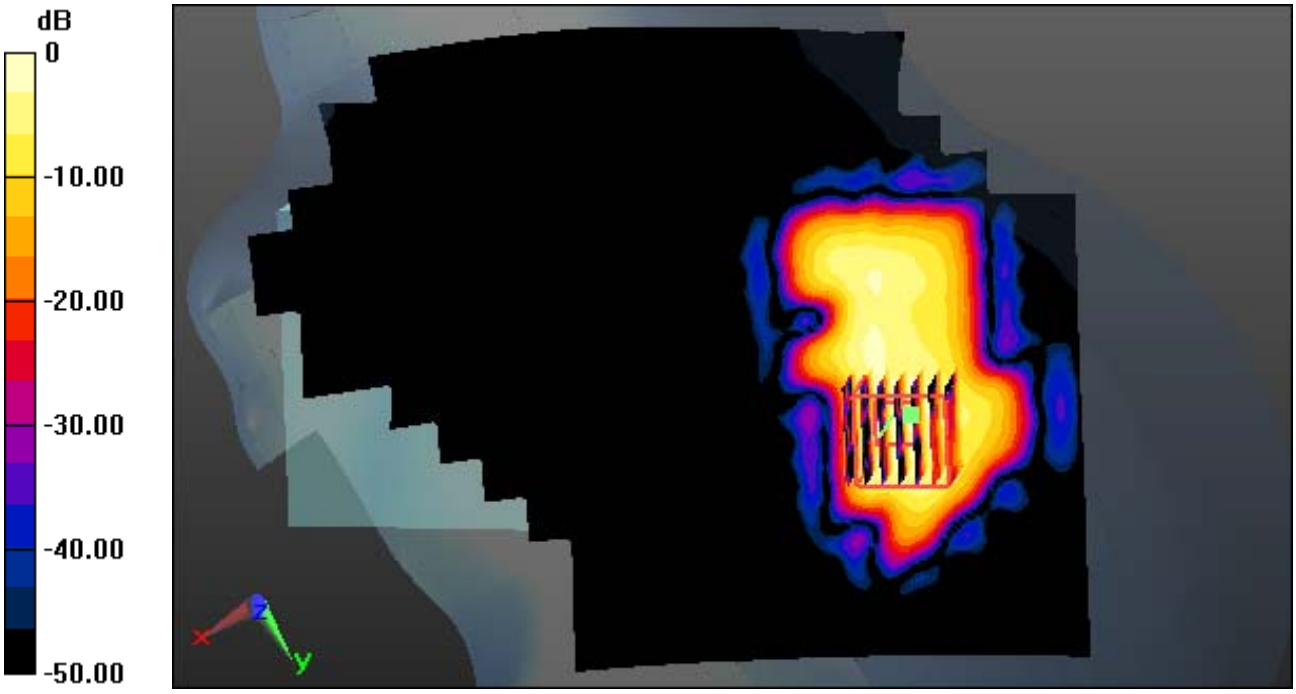
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.83, 4.83, 4.83); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

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

With Enlarge Plot image

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.767 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.409 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.117 S/m; ε_r = 34.766; ρ = 1000 kg/m^3
Phantom section: Left Section

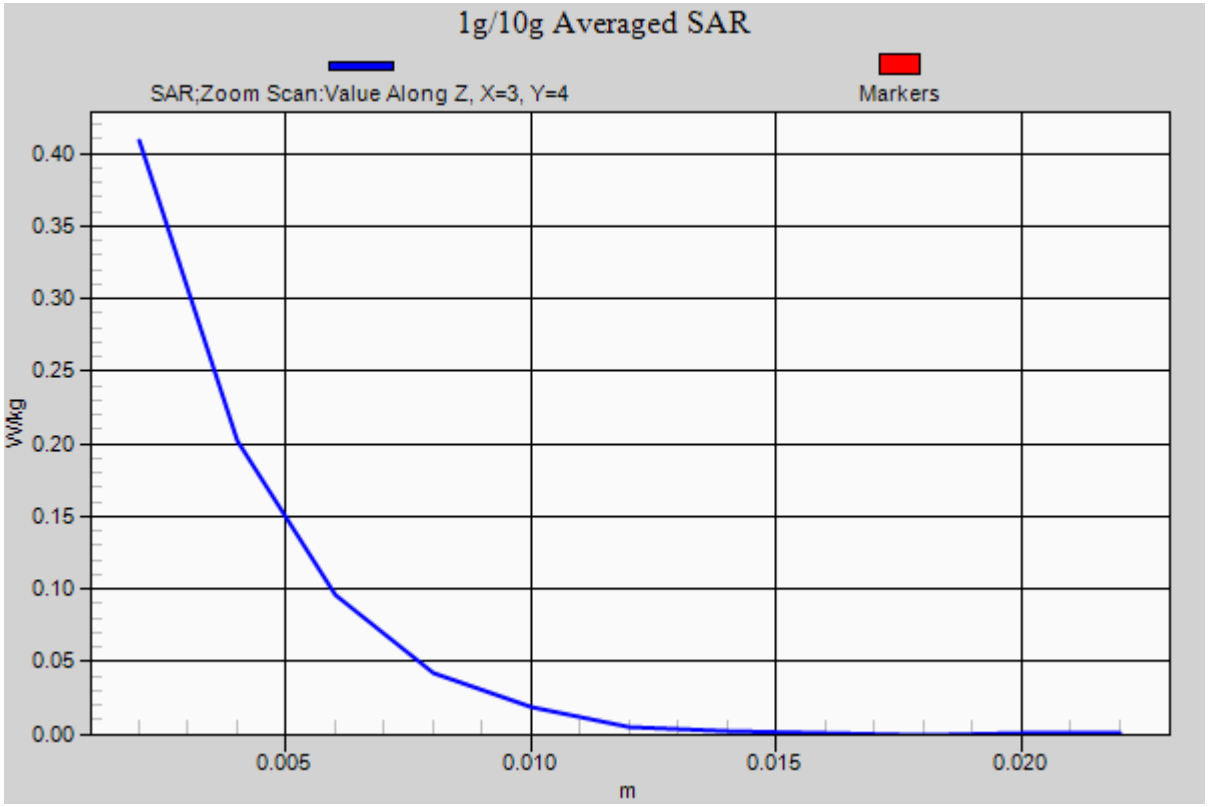
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.83, 4.83, 4.83); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-17; Ambient Temp: 21.7; Tissue Temp: 22.0

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

With Enlarge Plot image

Area Scan (151x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.767 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.054 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

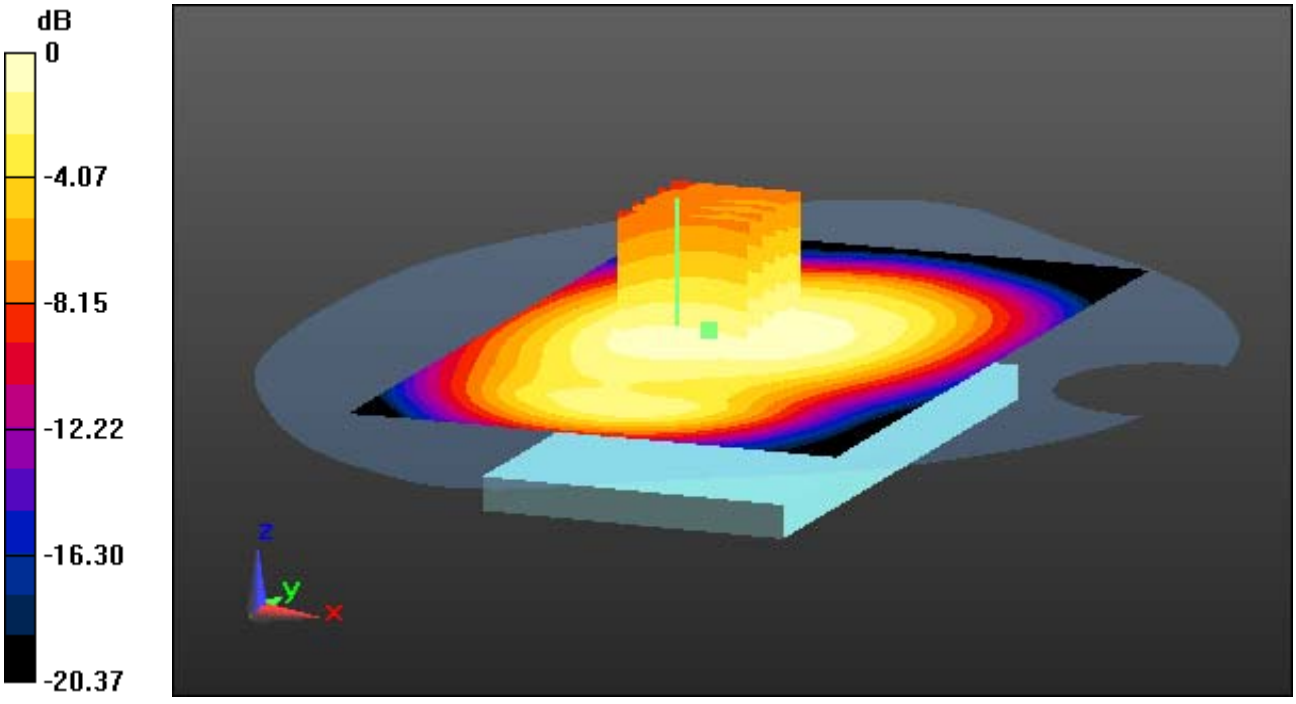
Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.98 S/m; ε_r = 53.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-07; Ambient Temp: 21.0; Tissue Temp: 21.3

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

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.290 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.98 S/m; ε_r = 53.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

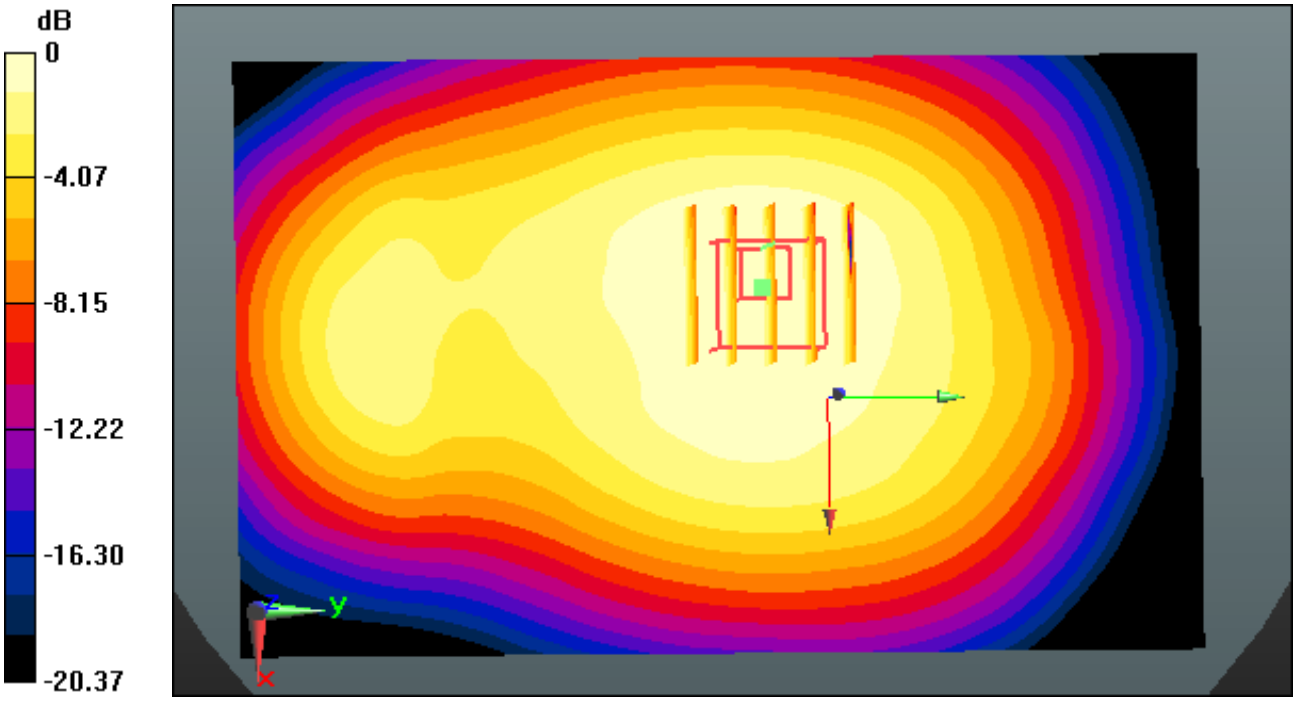
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-07; Ambient Temp: 21.0; Tissue Temp: 21.3

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

With Enlarge Plot image

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.290 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

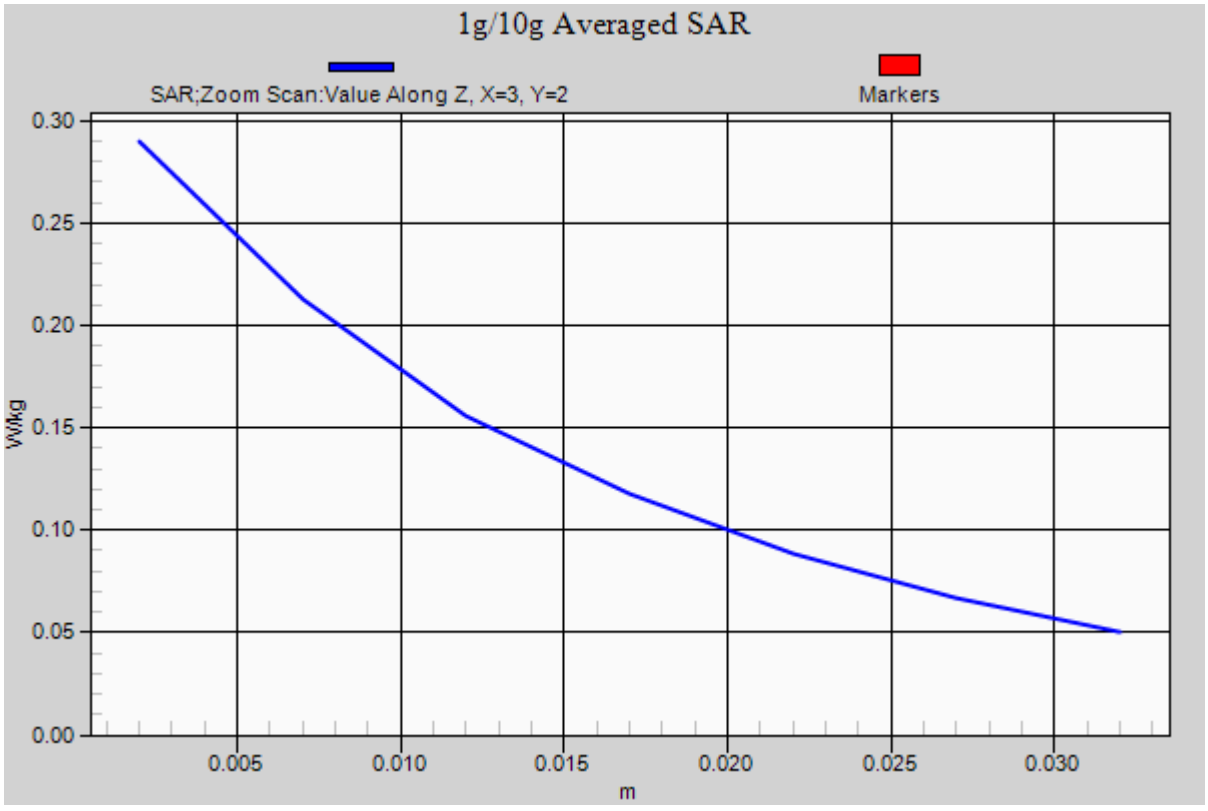
Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.98 S/m; ε_r = 53.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-07; Ambient Temp: 21.0; Tissue Temp: 21.3

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

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.183 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

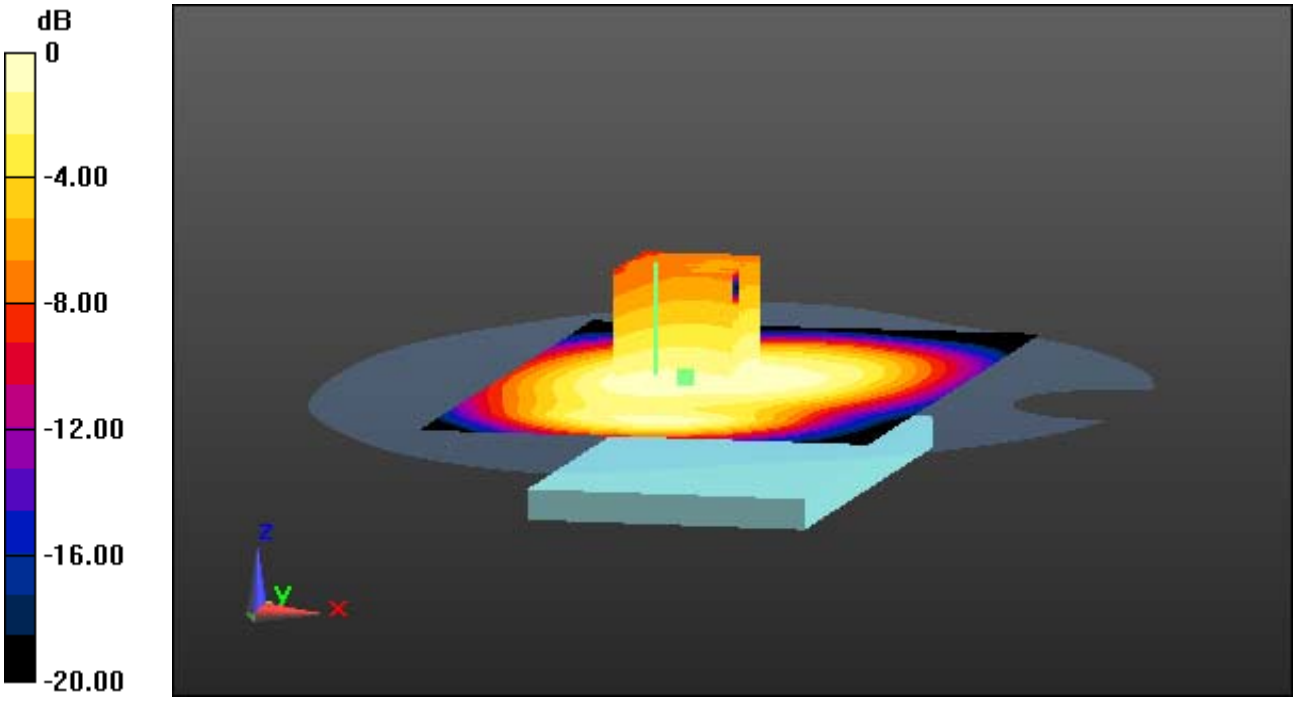
Communication System: GSM 850_10 (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.98 S/m; ε_r = 53.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-07; Ambient Temp: 21.0; Tissue Temp: 21.3

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

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.218 W/kg



0 dB = 0.338 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: GSM 850_10 (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.98 S/m; ε_r = 53.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

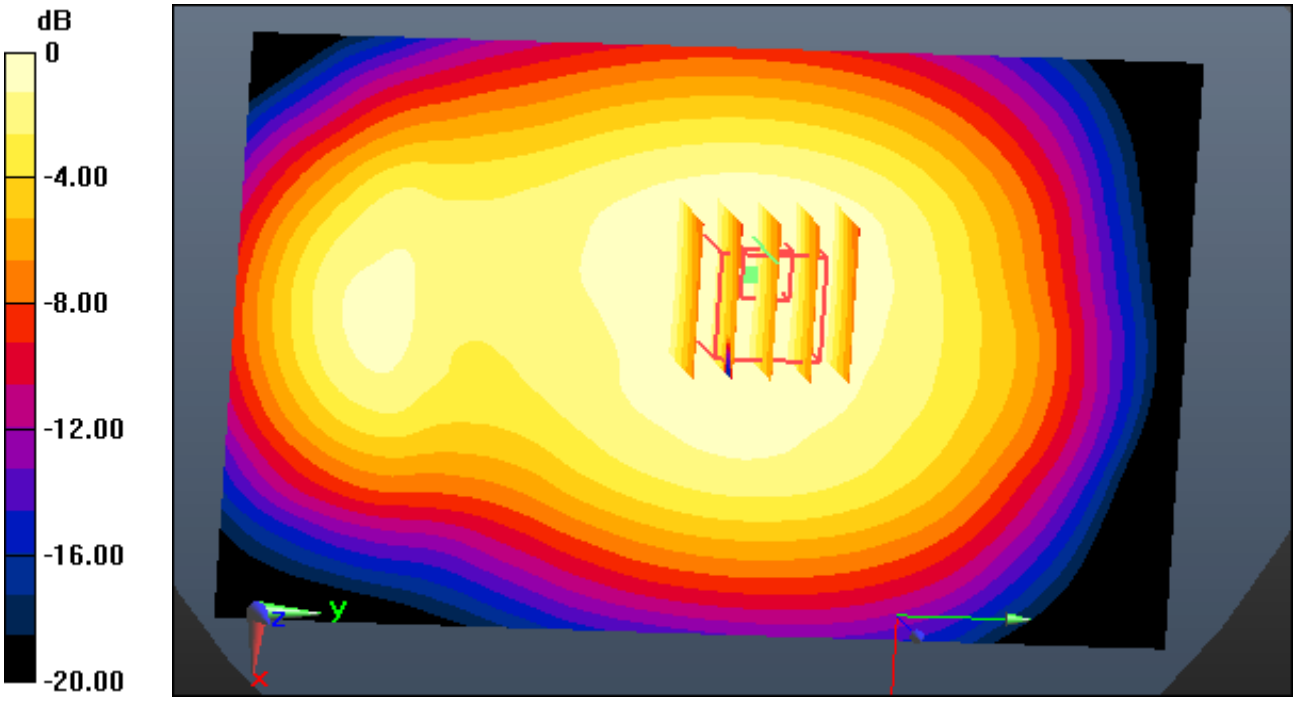
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-07; Ambient Temp: 21.0; Tissue Temp: 21.3

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

With Enlarge Plot image

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.218 W/kg



0 dB = 0.338 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

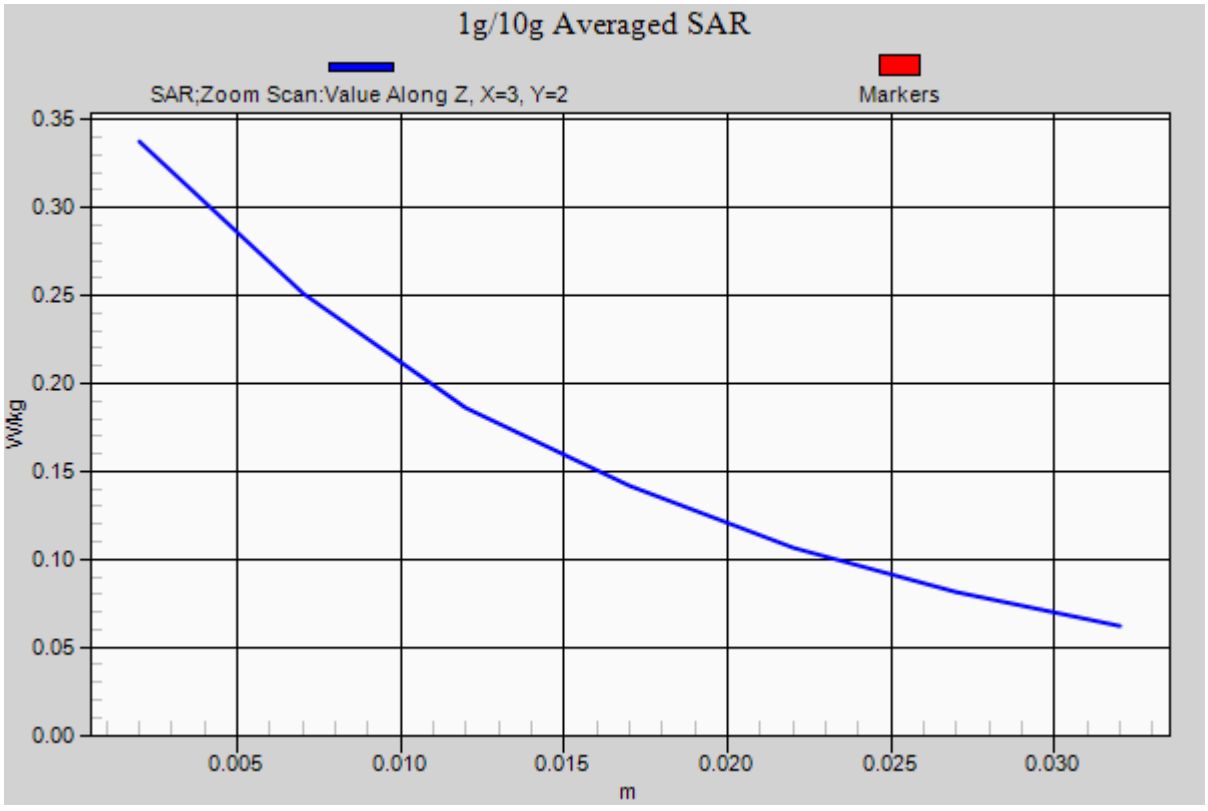
Communication System: GSM 850_10 (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.98 S/m; ε_r = 53.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-07; Ambient Temp: 21.0; Tissue Temp: 21.3

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

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.218 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

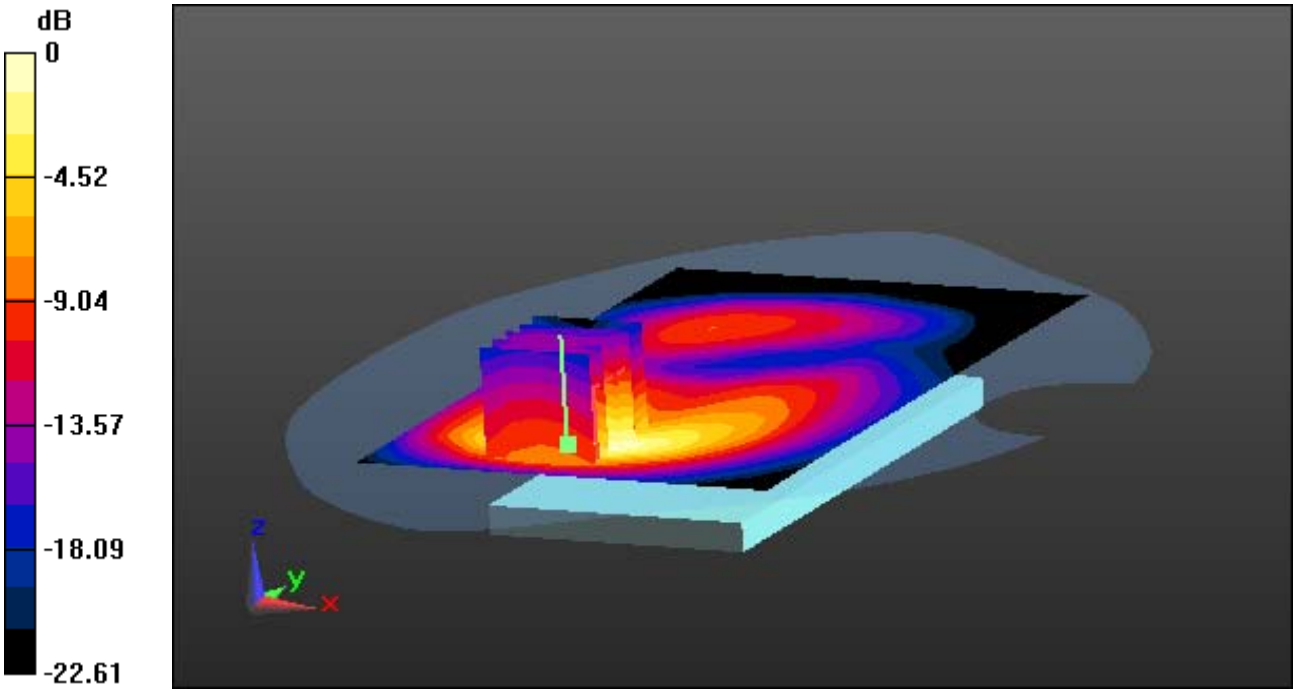
Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.529 S/m; ε_r = 51.787; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-10; Ambient Temp: 20.7; Tissue Temp: 21.0

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

Area Scan (81x131x1): 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) = 1.07 W/kg
SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.295 W/kg



0 dB = 0.850 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.529 S/m; ε_r = 51.787; ρ = 1000 kg/m^3
Phantom section: Flat Section

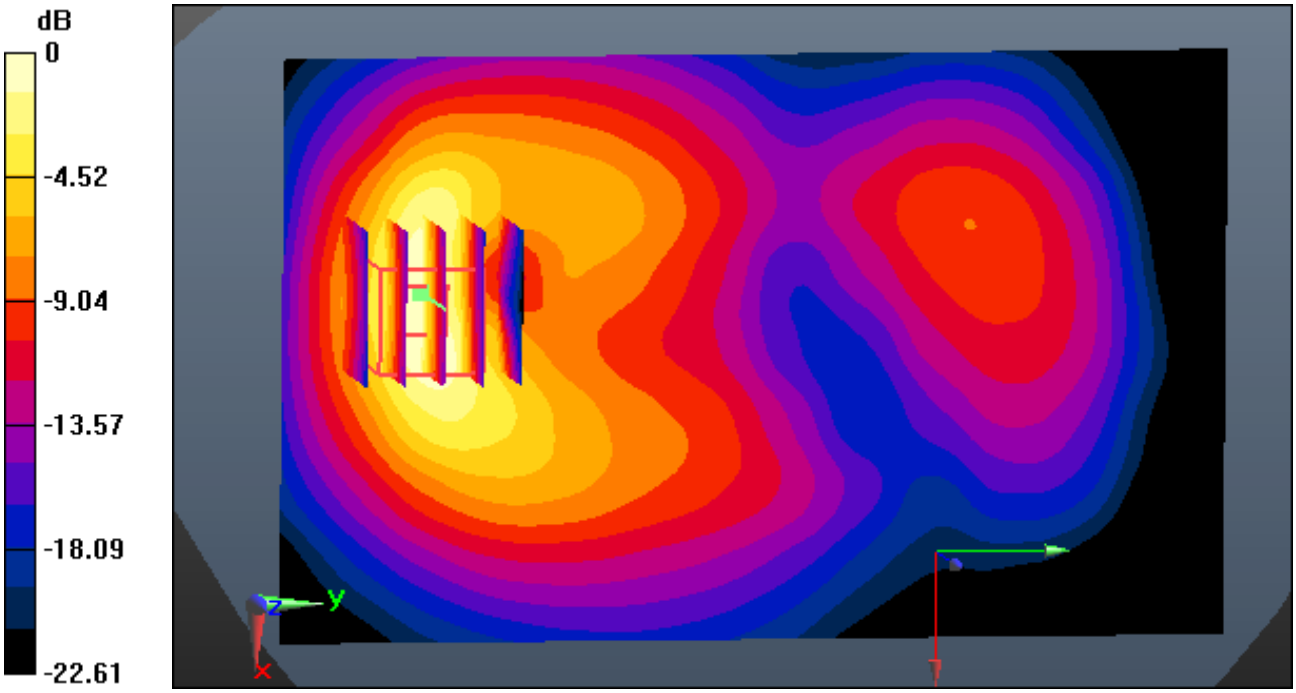
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-10; Ambient Temp: 20.7; Tissue Temp: 21.0

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

With Enlarge Plot image

Area Scan (81x131x1): 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) = 1.07 W/kg
SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.295 W/kg



0 dB = 0.850 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

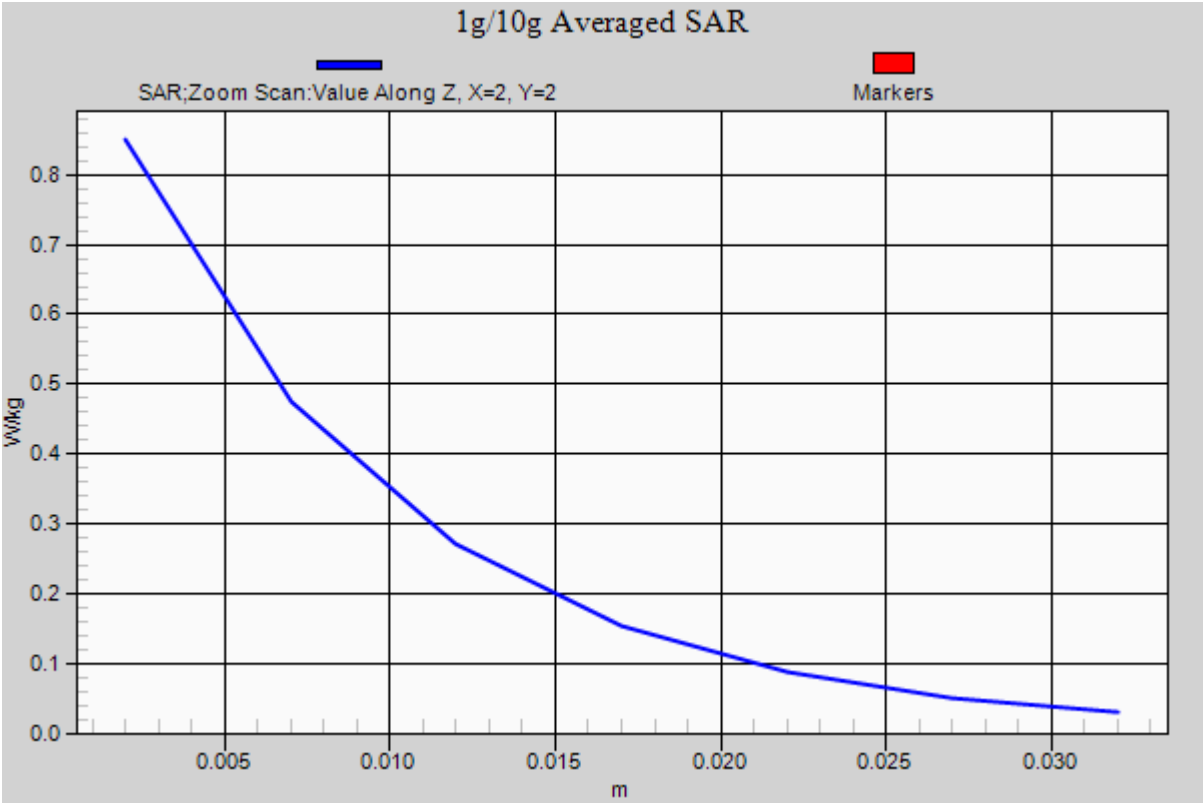
Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.529 S/m; ε_r = 51.787; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-10; Ambient Temp: 20.7; Tissue Temp: 21.0

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

Area Scan (81x131x1): 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) = 1.07 W/kg
SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.295 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

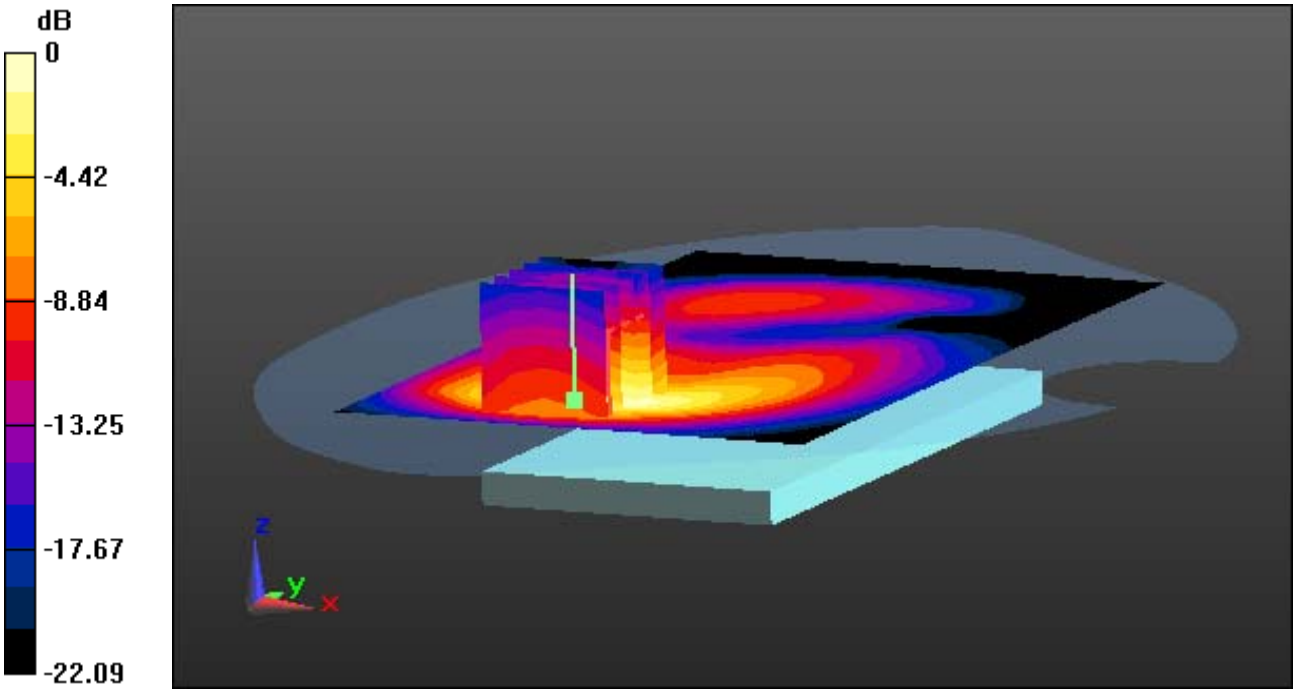
Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.529 S/m; ε_r = 51.787; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-10; Ambient Temp: 20.7; Tissue Temp: 21.0

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

Area Scan (81x131x1): 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) = 1.32 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.368 W/kg



0 dB = 1.06 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.529 S/m; ε_r = 51.787; ρ = 1000 kg/m^3
Phantom section: Flat Section

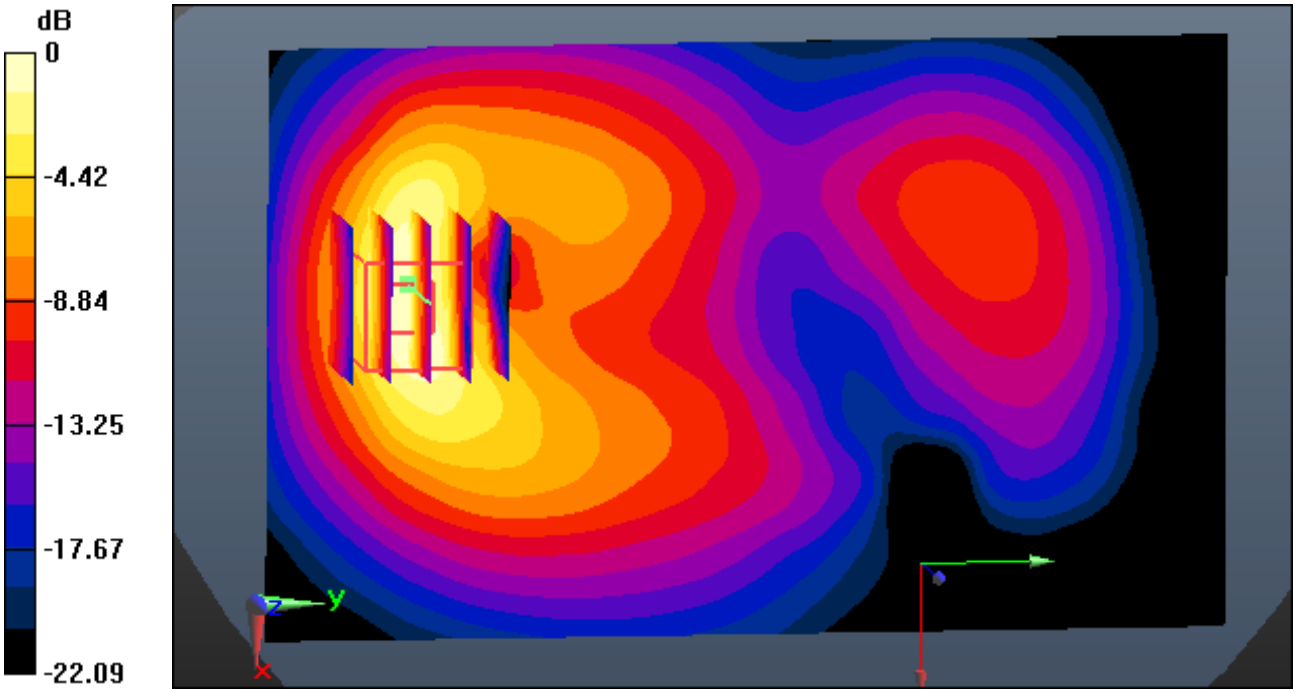
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-10; Ambient Temp: 20.7; Tissue Temp: 21.0

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

With Enlarge Plot image

Area Scan (81x131x1): 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) = 1.32 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.368 W/kg



0 dB = 1.06 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

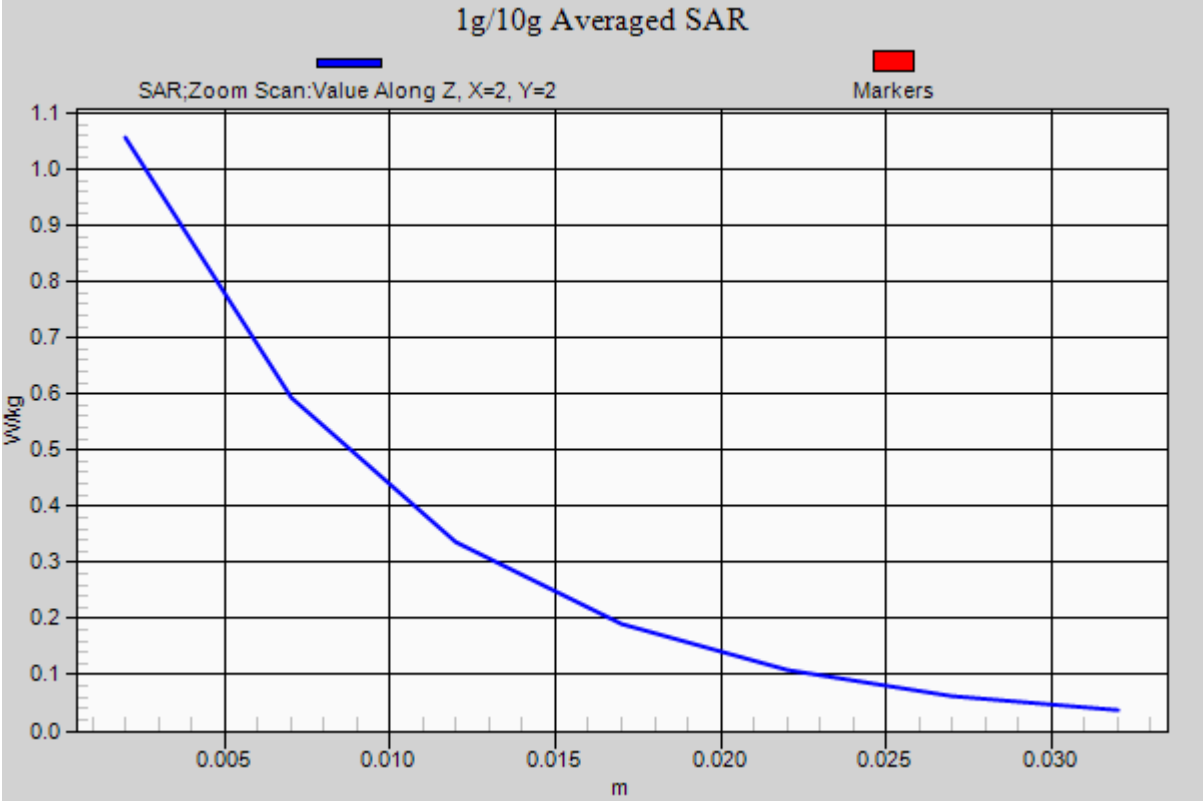
Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.529 S/m; ε_r = 51.787; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-10; Ambient Temp: 20.7; Tissue Temp: 21.0

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

Area Scan (81x131x1): 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) = 1.32 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.368 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

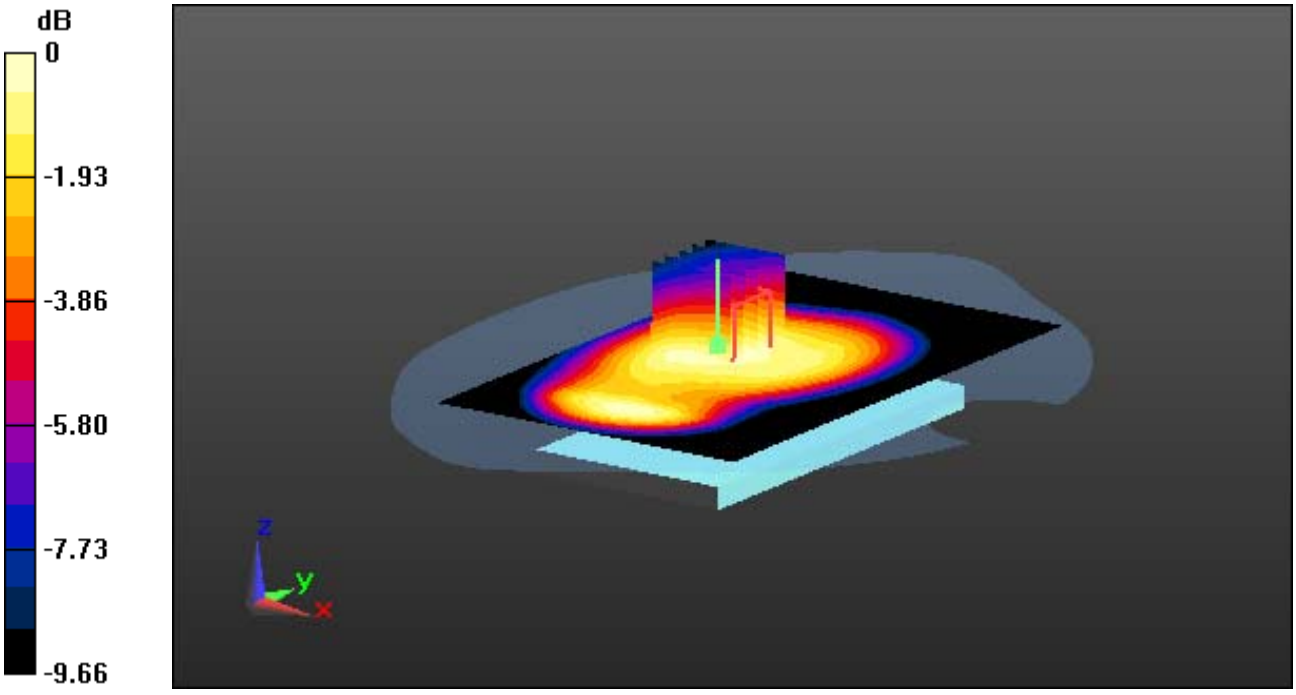
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.987 S/m; ε_r = 54.083; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.9

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

Area Scan (81x131x1): 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) = 0.355 W/kg
SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.197 W/kg



0 dB = 0.313 W/kg

DUT: LG-D855V; Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.987 S/m; ε_r = 54.083; ρ = 1000 kg/m^3
Phantom section: Flat Section

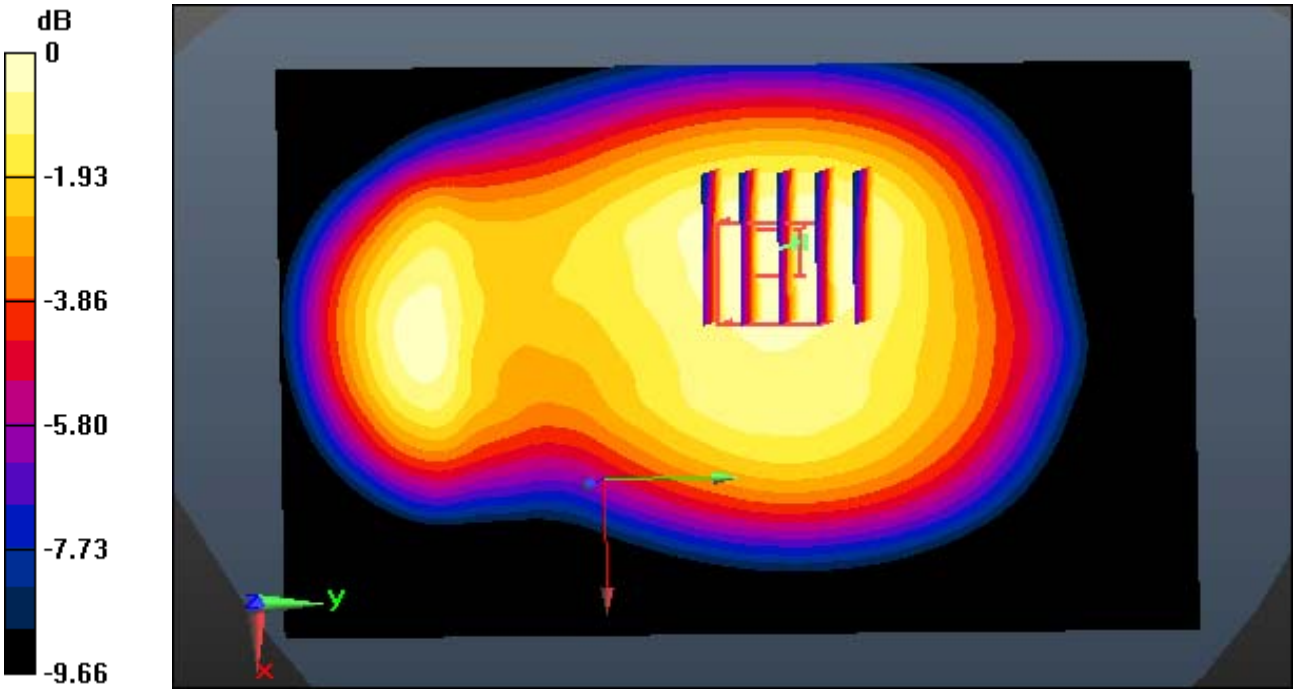
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.9

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

With Enlarge plot image

Area Scan (81x131x1): 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) = 0.355 W/kg
SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.197 W/kg



0 dB = 0.313 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

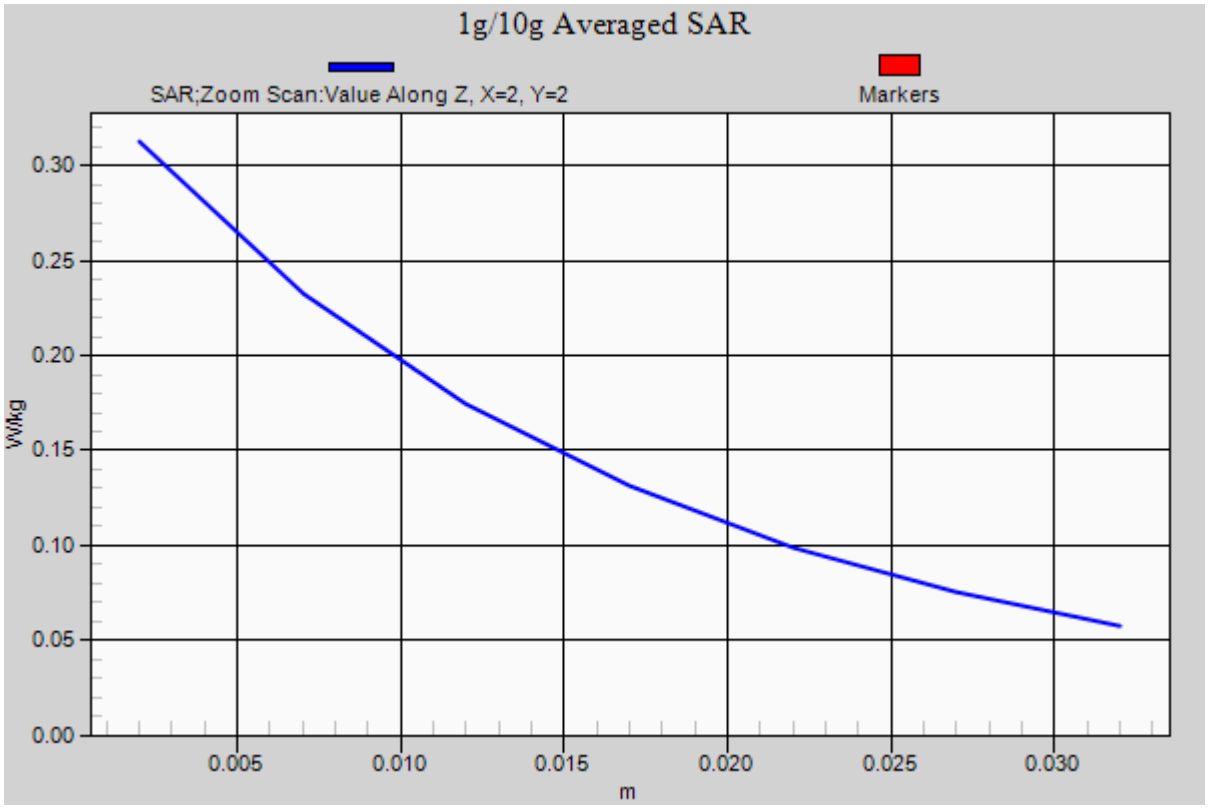
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.987 S/m; ε_r = 54.083; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-11; Ambient Temp: 21.3; Tissue Temp: 21.9

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

Area Scan (81x131x1): 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) = 0.355 W/kg
SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.197 W/kg



DUT: LG-D855V; Type: Bar

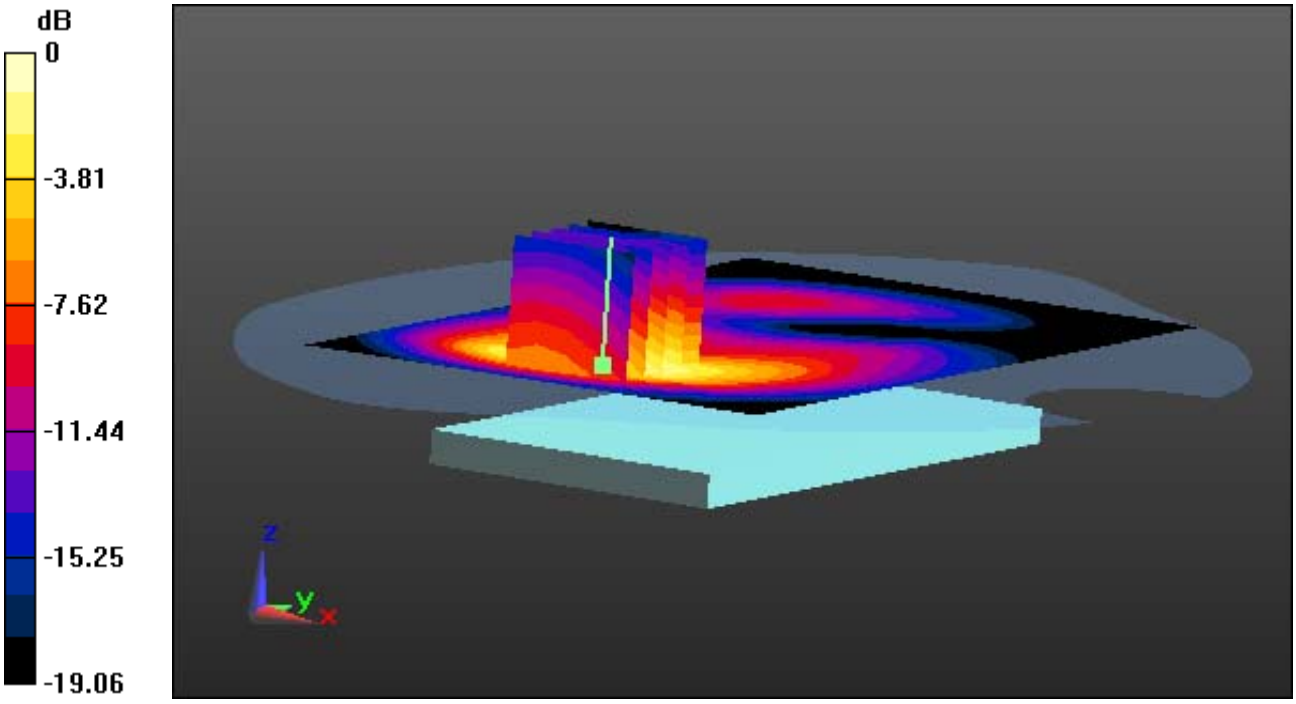
Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.532 S/m; ε_r = 51.249; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.561 W/kg



0 dB = 1.46 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.532 S/m; ε_r = 51.249; ρ = 1000 kg/m^3
Phantom section: Flat Section

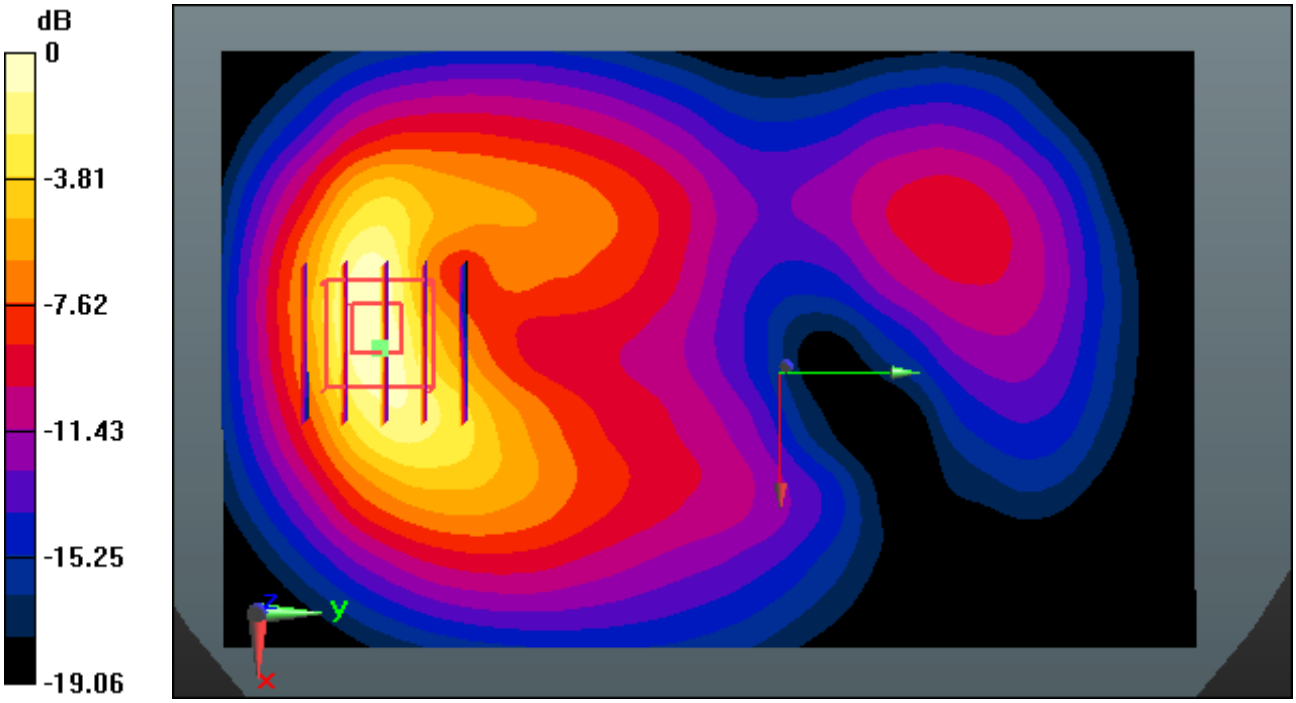
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

With Enlarge Plot image

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.561 W/kg



0 dB = 1.46 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

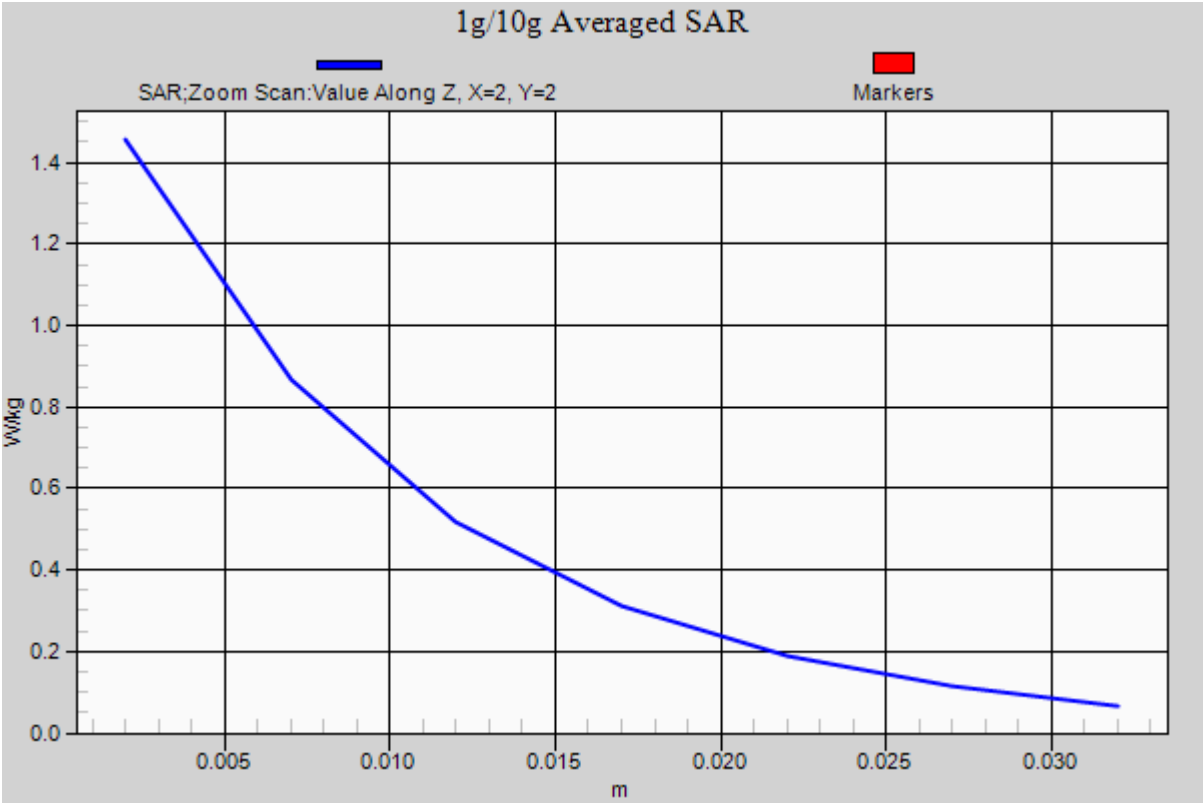
Communication System: WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.532 S/m; ε_r = 51.249; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-12; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, WCDMA1900 Ch. 9538, Ant Internal

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.561 W/kg



DT&C Co., Ltd

DUT: LG-D855V; Type: Bar

Communication System: LTE Band 5 (0); Frequency: 829 MHz; Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.967 S/m; ε_r = 54.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

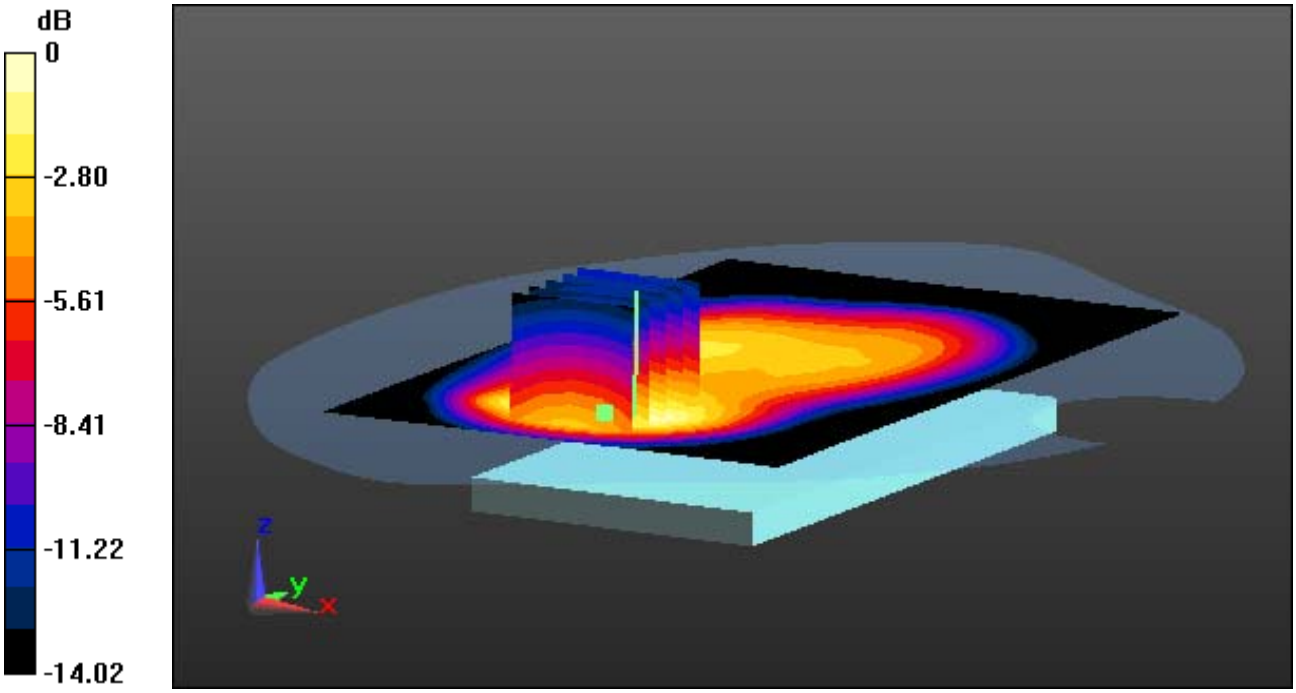
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.0; Tissue Temp: 21.2

1 cm space from Body, Rear, LTE Band 5 Ch. 20450, Ant Internal

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

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.425 W/kg

DT&C Co., Ltd

DUT: LG-D855V; Type: Bar

Communication System: LTE Band 5 (0); Frequency: 829 MHz; Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.967 S/m; ε_r = 54.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

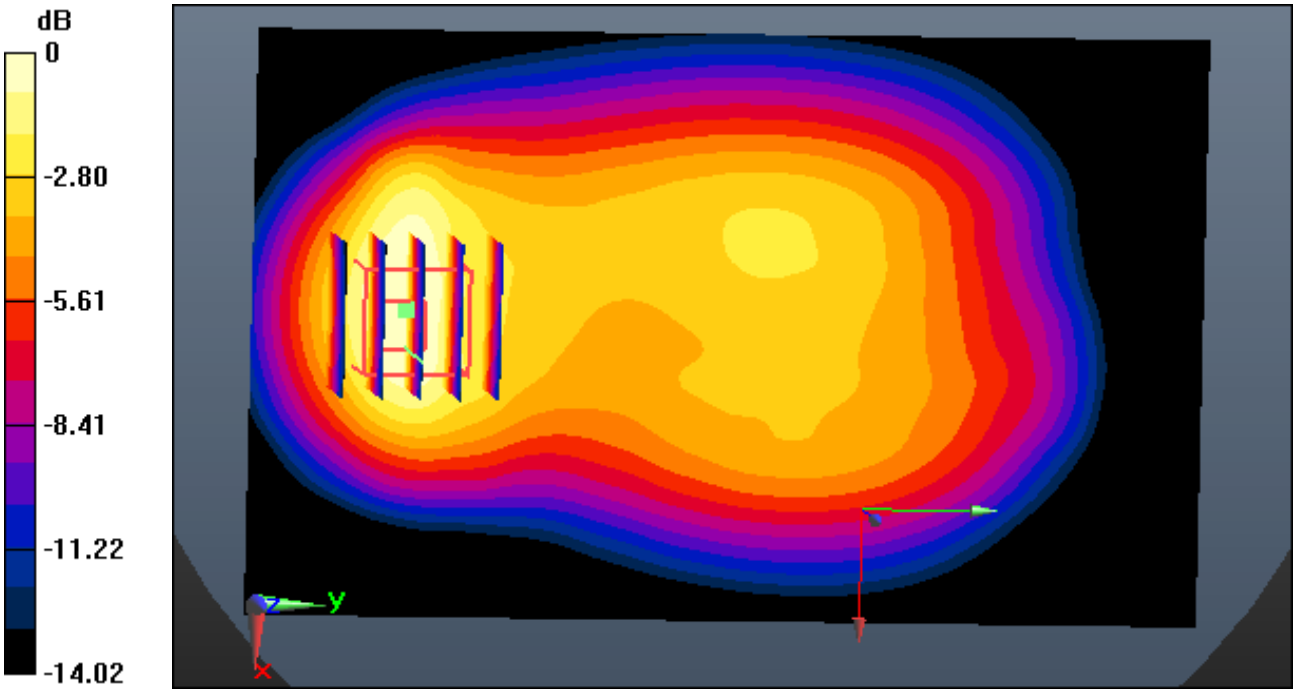
Test Date: 2014-11-14; Ambient Temp: 21.0; Tissue Temp: 21.2

1 cm space from Body, Rear, LTE Band 5 Ch. 20450, Ant Internal

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

With Enlarge Plot image

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.425 W/kg

DT&C Co., Ltd

DUT: LG-D855V; Type: Bar

Communication System: LTE Band 5 (0); Frequency: 829 MHz; Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.967 S/m; ε_r = 54.24; ρ = 1000 kg/m^3
Phantom section: Flat Section

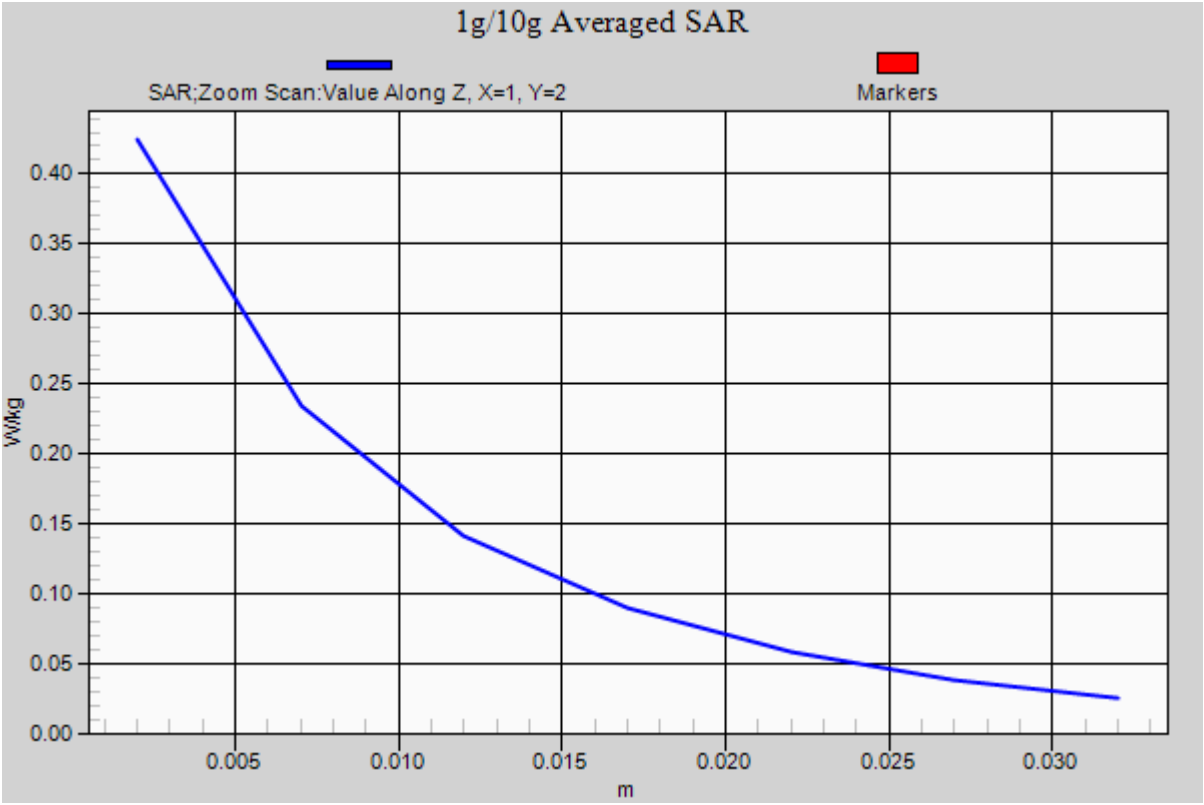
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-14; Ambient Temp: 21.0; Tissue Temp: 21.2

1 cm space from Body, Rear, LTE Band 5 Ch. 20450, Ant Internal

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

Area Scan (81x131x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.183 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

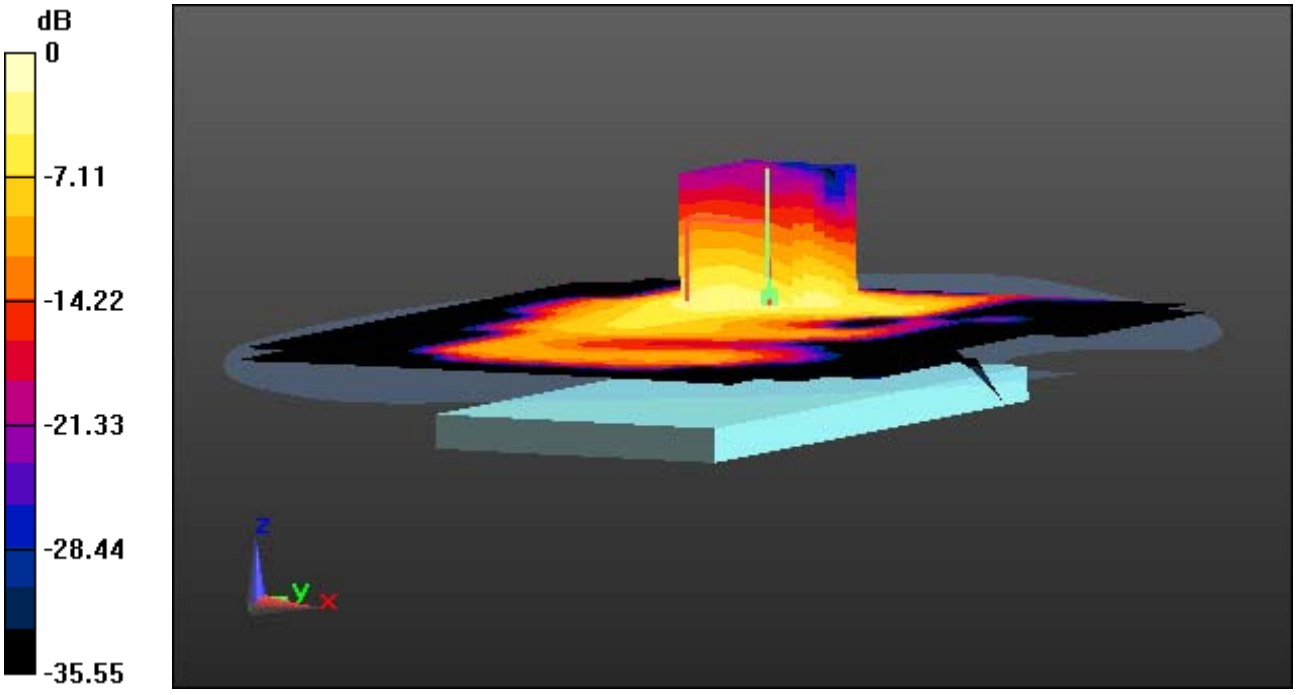
Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.962 S/m; ε_r = 50.78; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-16; Ambient Temp: 21.2; Tissue Temp: 21.6

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

Area Scan (141x161x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.090 W/kg



0 dB = 0.307 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.962 S/m; ε_r = 50.78; ρ = 1000 kg/m^3
Phantom section: Flat Section

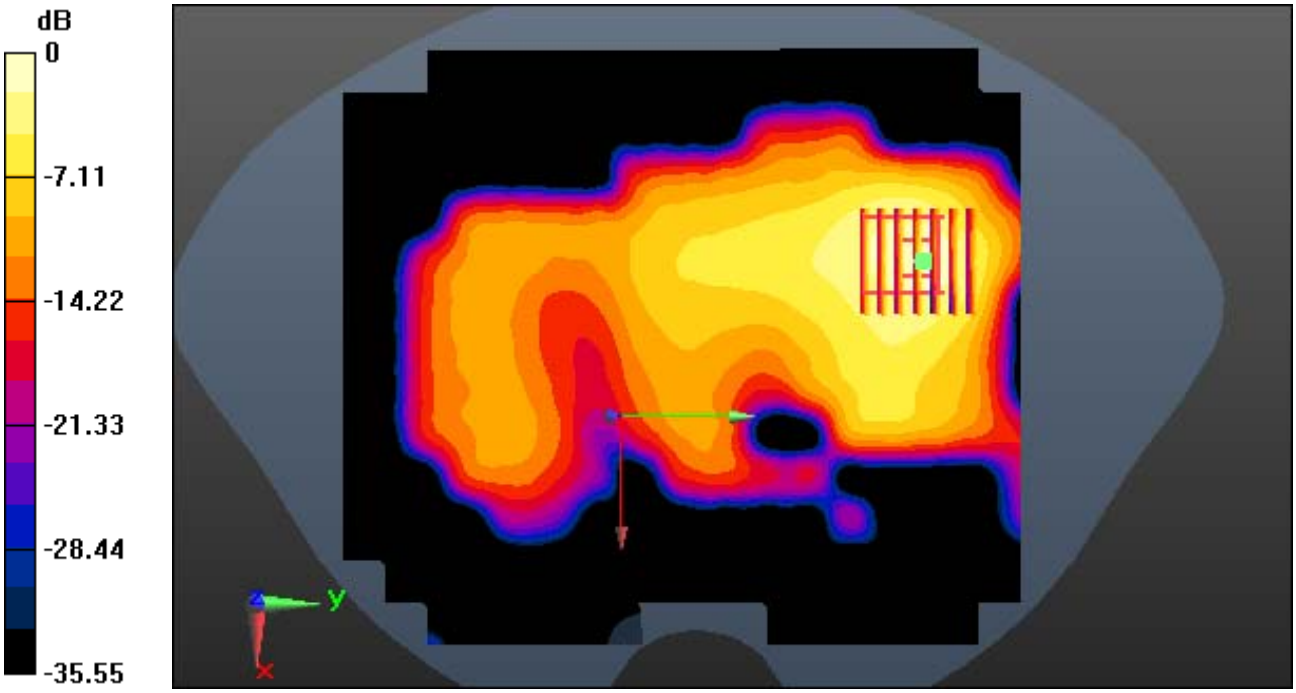
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-16; Ambient Temp: 21.2; Tissue Temp: 21.6

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

With Enlarge Plot image

Area Scan (141x161x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.090 W/kg



0 dB = 0.307 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

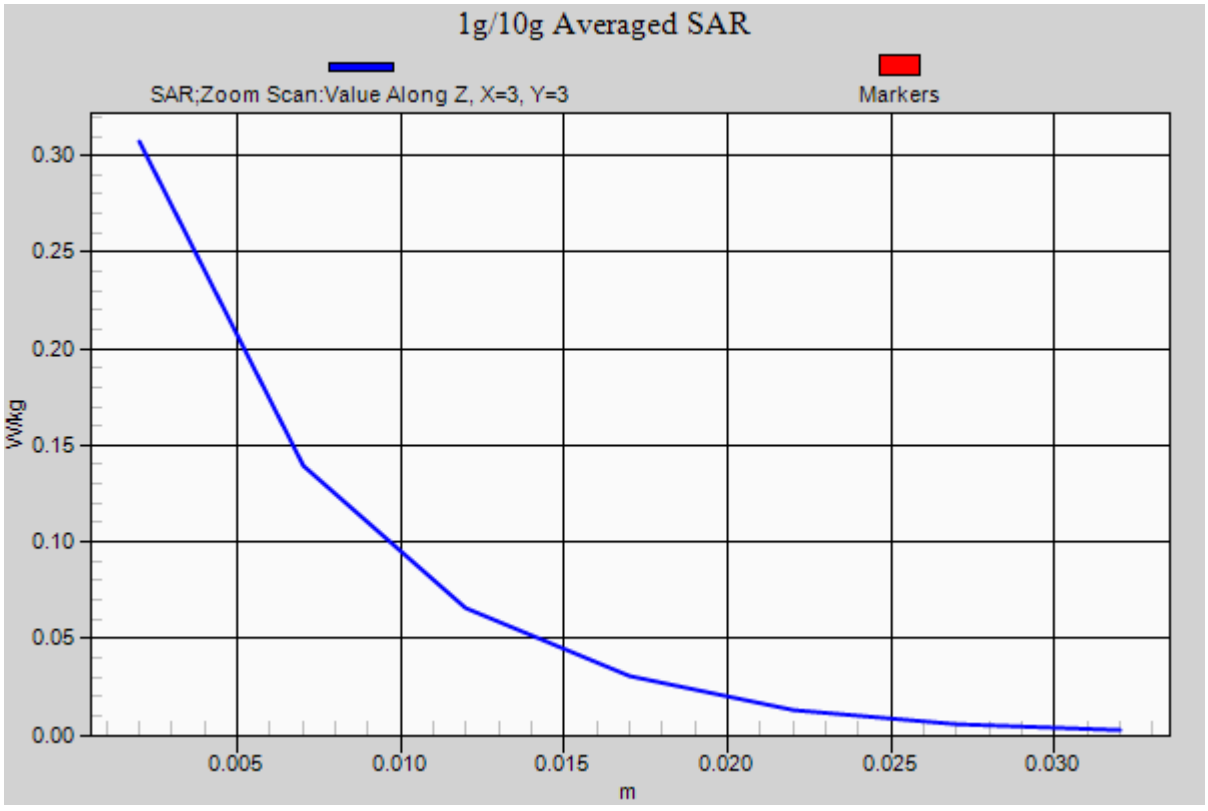
Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.962 S/m; ε_r = 50.78; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-16; Ambient Temp: 21.2; Tissue Temp: 21.6

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

Area Scan (141x161x1): Interpolated grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.090 W/kg



DUT: LG-D855V; Type: Bar

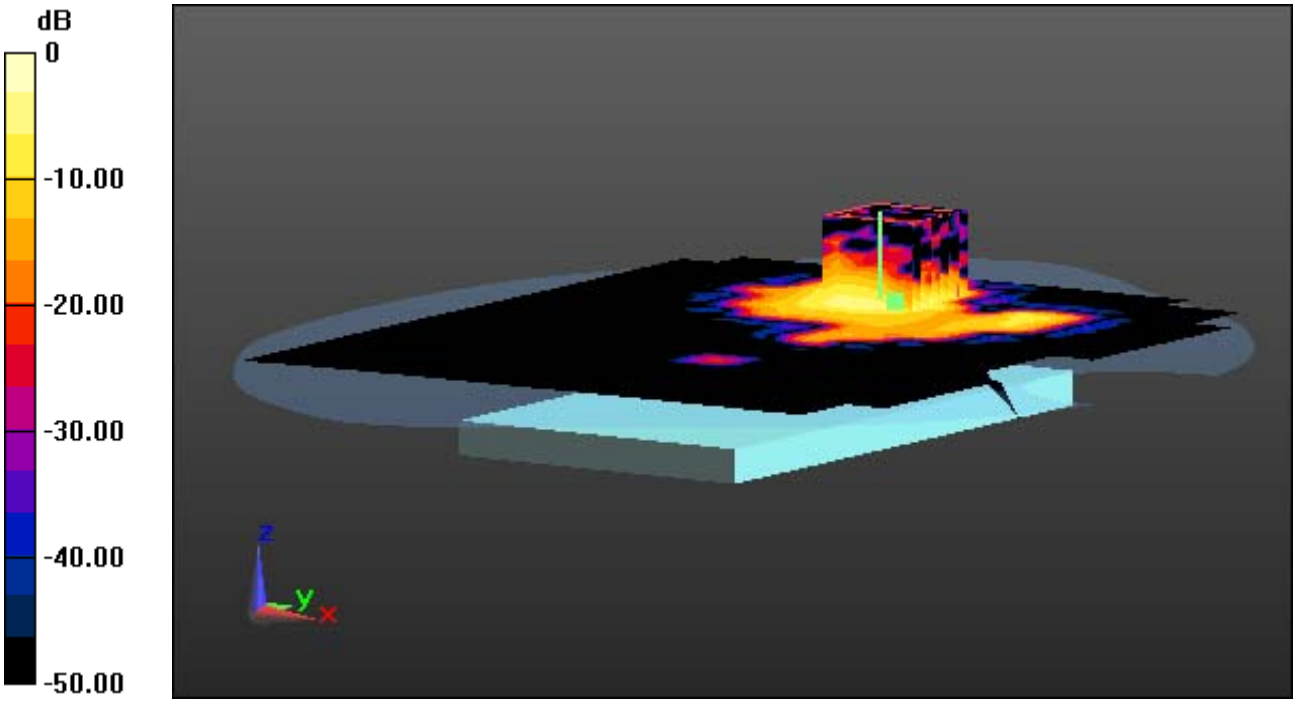
Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 5.285 S/m; ε_r = 48.393; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.43, 4.43, 4.43); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.2G W-LAN (802.11a) Ch. 48, Ant Internal

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.366 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 5.285 S/m; ε_r = 48.393; ρ = 1000 kg/m^3
Phantom section: Flat Section

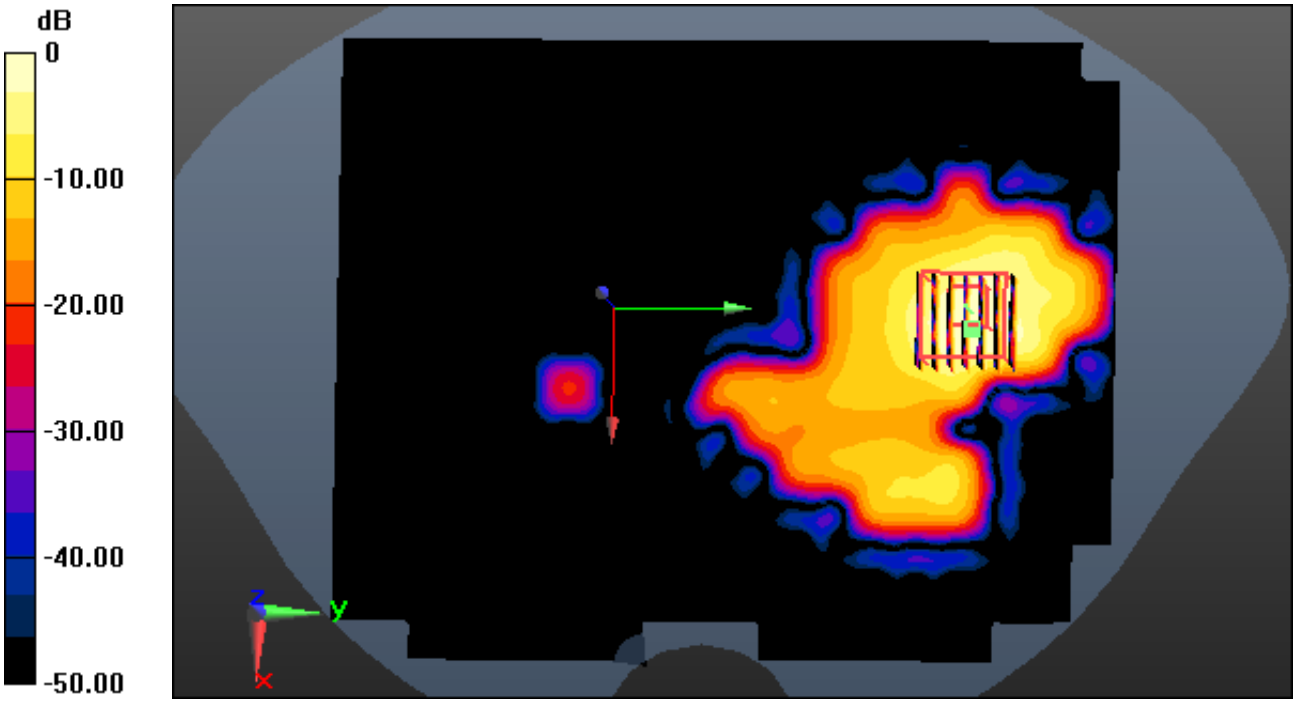
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.43, 4.43, 4.43); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.2G W-LAN (802.11a) Ch. 48, Ant Internal

With Enlarge Plot image

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.366 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

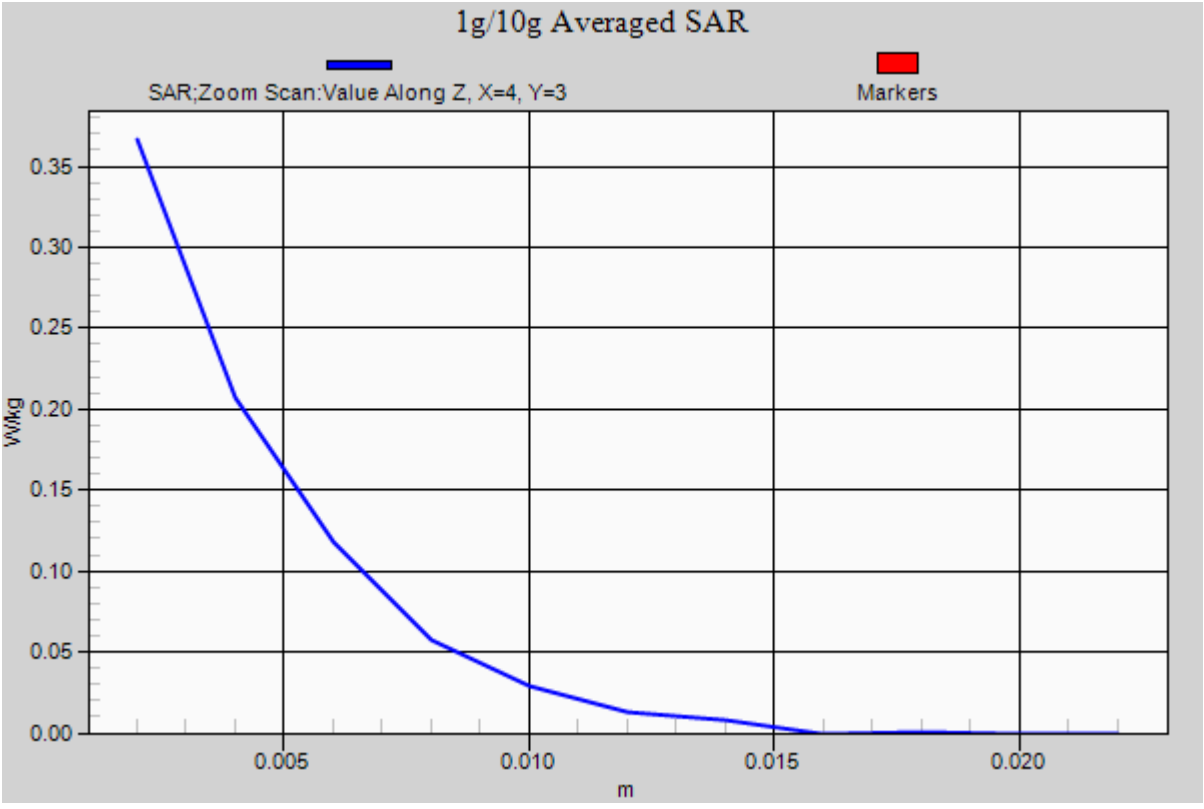
Communication System: W-LAN_5200 (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 5.285 S/m; ε_r = 48.393; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.43, 4.43, 4.43); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.2G W-LAN (802.11a) Ch. 48, Ant Internal

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.055 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

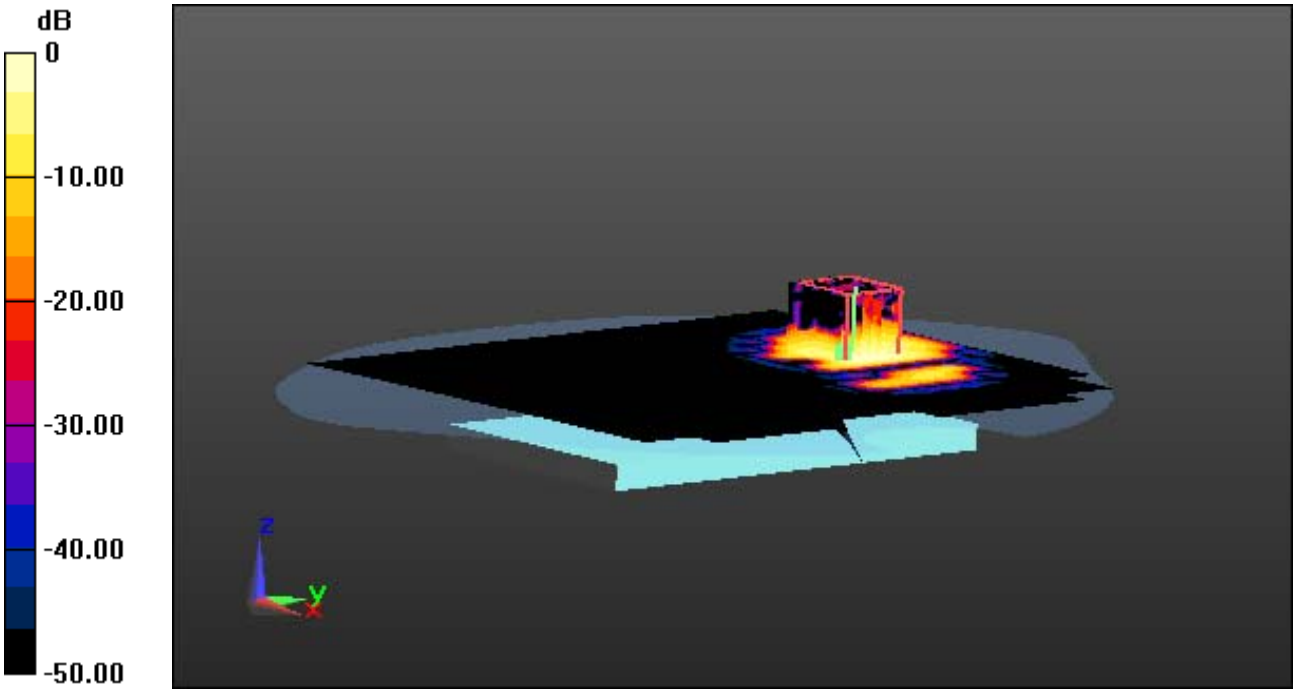
Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.392 S/m; ε_r = 48.252; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.27, 4.27, 4.27); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.3G W-LAN (802.11a) Ch. 64, Ant Internal

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.309 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.392 S/m; ε_r = 48.252; ρ = 1000 kg/m^3
Phantom section: Flat Section

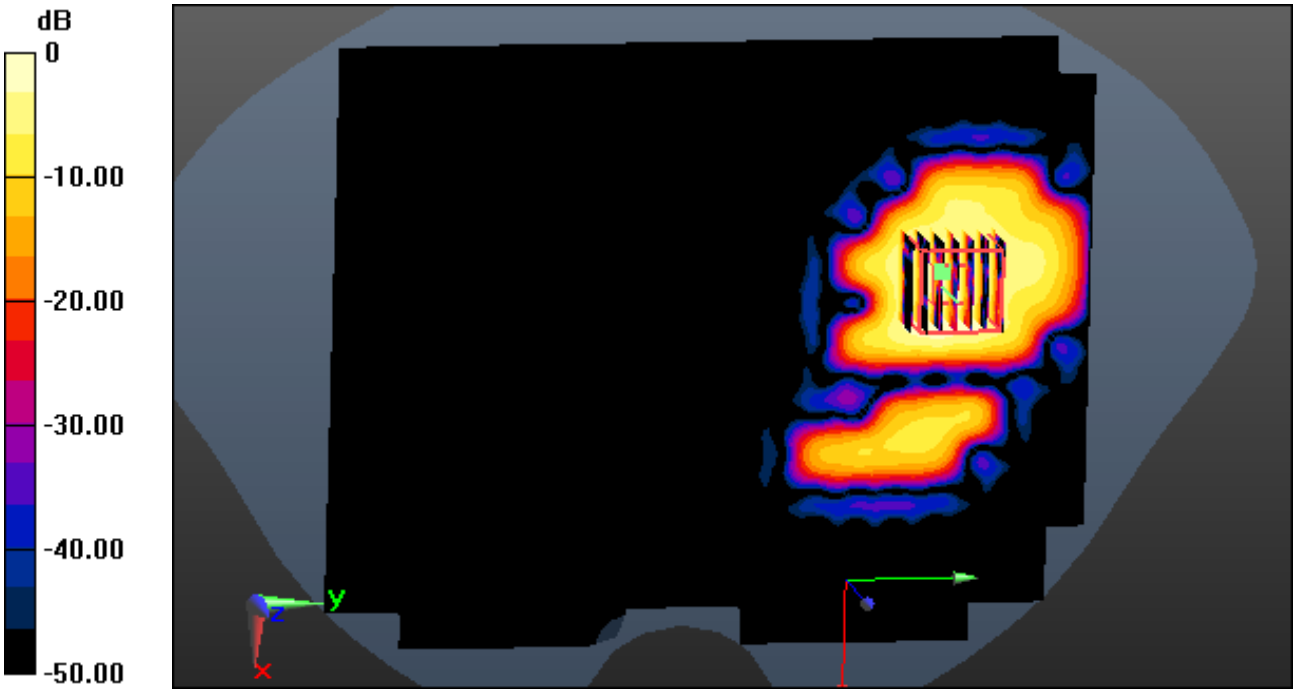
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.27, 4.27, 4.27); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.3G W-LAN (802.11a) Ch. 64, Ant Internal

With Enlarge Plot image

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=1.000 mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.309 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

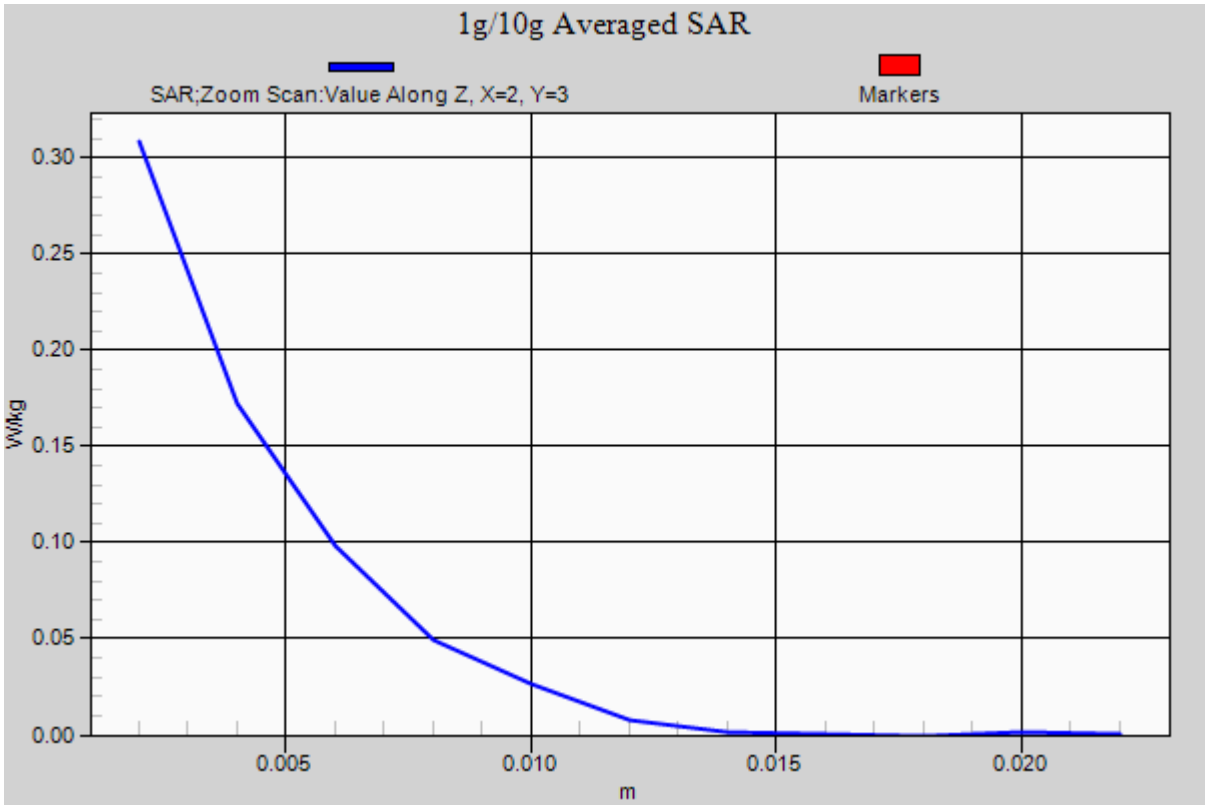
Communication System: W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.392 S/m; ε_r = 48.252; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.27, 4.27, 4.27); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.3G W-LAN (802.11a) Ch. 64, Ant Internal

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.054 W/kg



DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

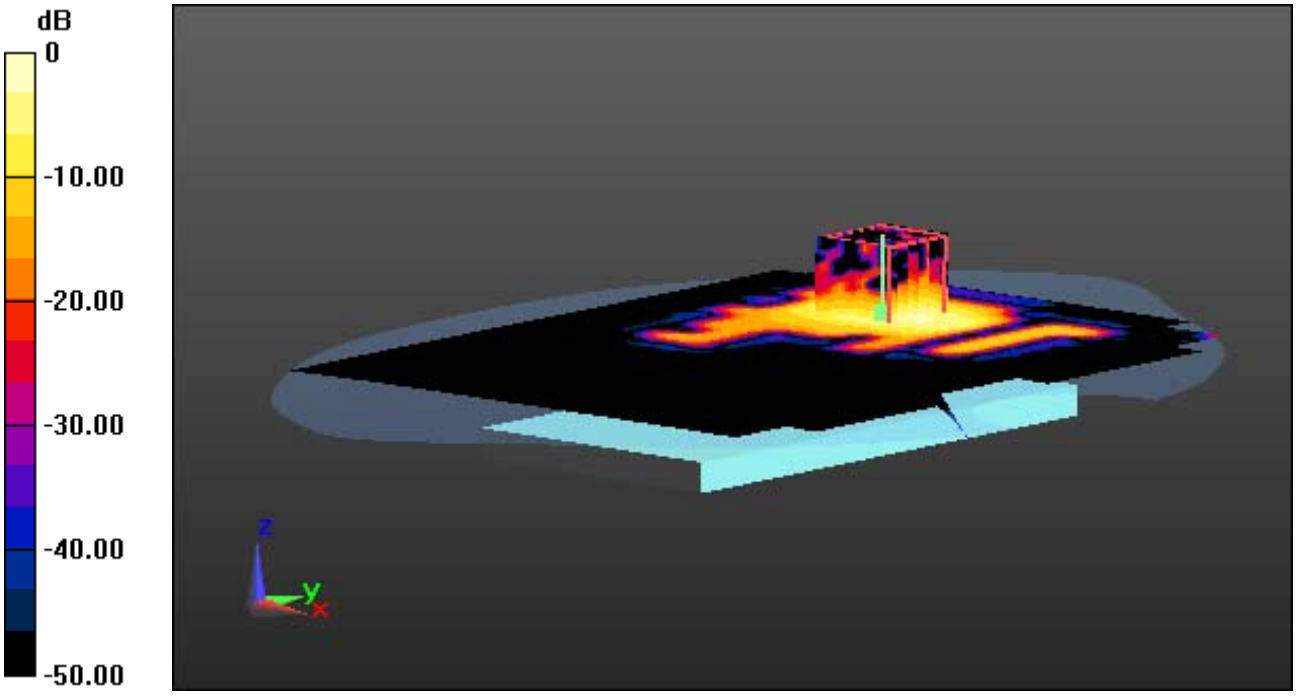
Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.74 S/m; ε_r = 47.786; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.07, 4.07, 4.07); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.6G W-LAN (802.11a) Ch. 116, Ant Internal

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.874 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.365 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.74 S/m; ε_r = 47.786; ρ = 1000 kg/m^3
Phantom section: Flat Section

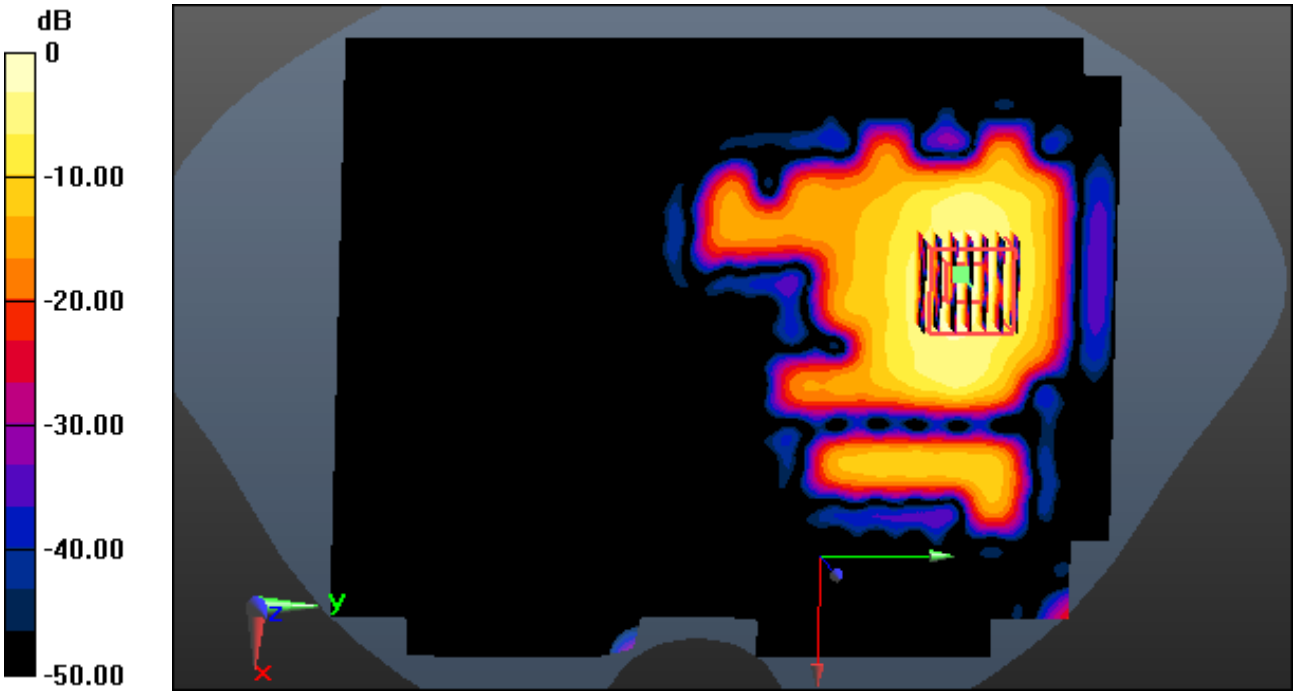
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.07, 4.07, 4.07); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.6G W-LAN (802.11a) Ch. 116, Ant Internal

With Enlarge Plot image

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.874 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.365 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

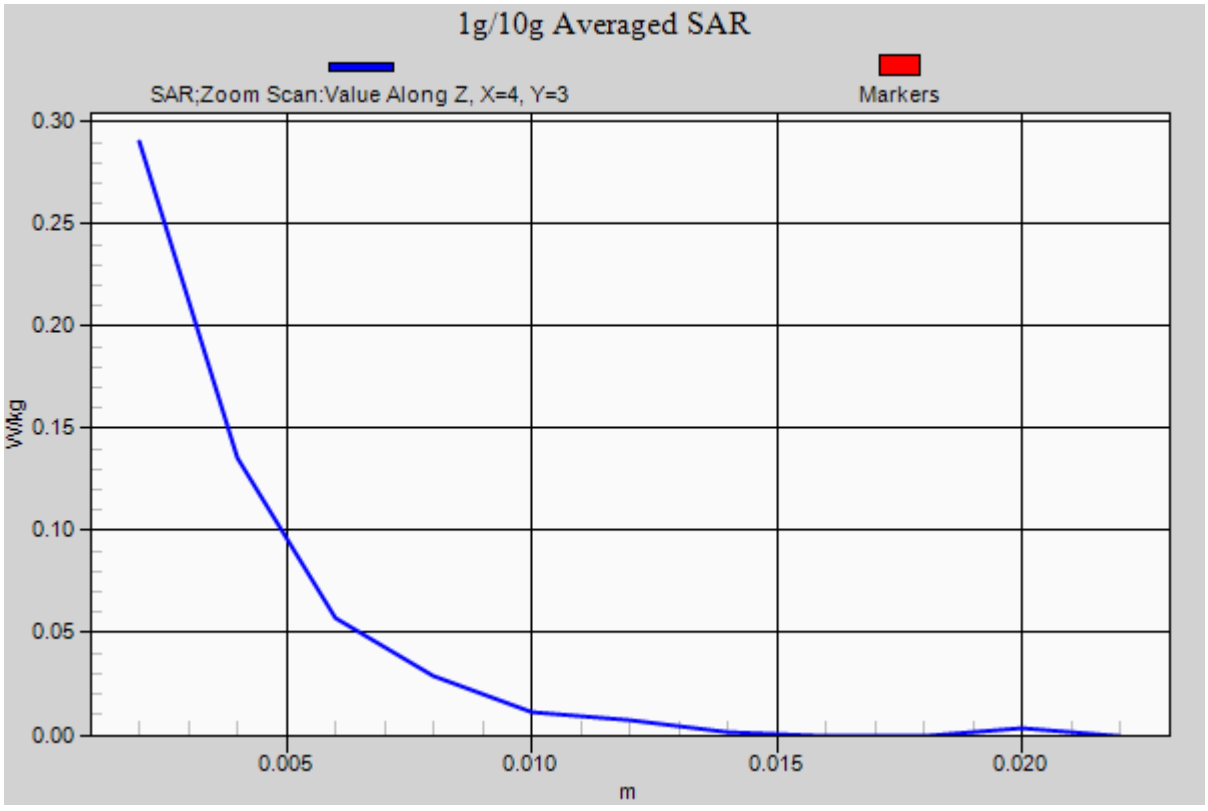
Communication System: W-LAN_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.74 S/m; ε_r = 47.786; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.07, 4.07, 4.07); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.6G W-LAN (802.11a) Ch. 116, Ant Internal

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.874 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.054 W/kg



DUT: LG-D855V; Type: Bar

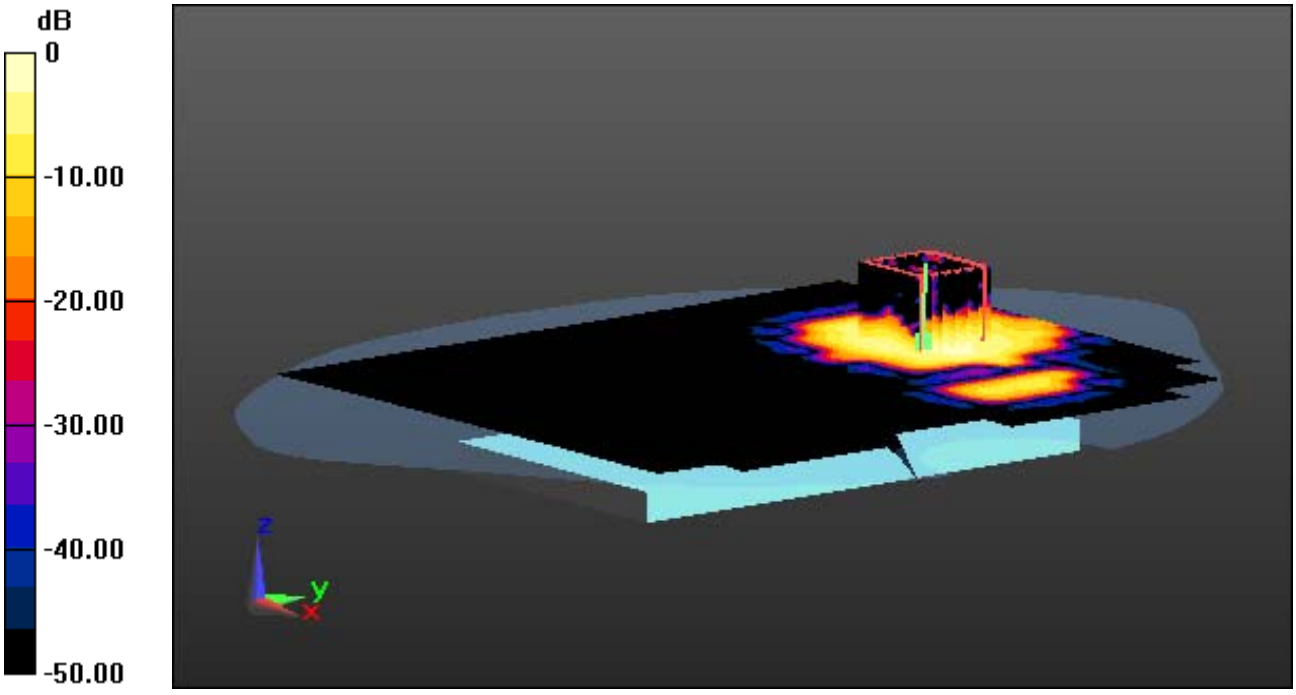
Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.962 S/m; ε_r = 47.509; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.8G W-LAN (802.11a) Ch. 149, Ant Internal

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.314 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.962 S/m; ε_r = 47.509; ρ = 1000 kg/m^3
Phantom section: Flat Section

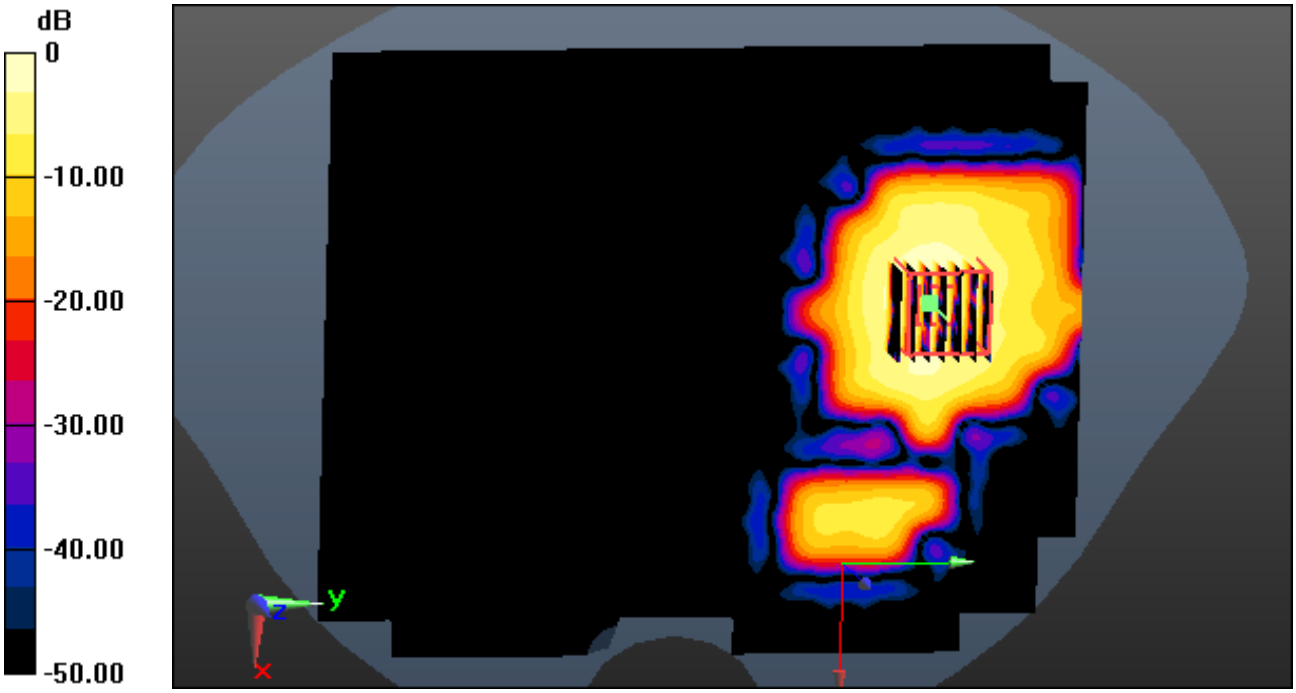
DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.8G W-LAN (802.11a) Ch. 149, Ant Internal

With Enlarge Plot image

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.314 W/kg

DT&C Co., Ltd.

DUT: LG-D855V; Type: Bar

Communication System: W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.962 S/m; ε_r = 47.509; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 4/24/2014; Electronics: DAE4 Sn1392
Phantom: SAM-twin middle(20deg probe tilt)_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2014-11-18; Ambient Temp: 21.4; Tissue Temp: 21.7

1 cm space from Body, Rear, 5.8G W-LAN (802.11a) Ch. 149, Ant Internal

Area Scan (161x201x1): Interpolated grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.055 W/kg