SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

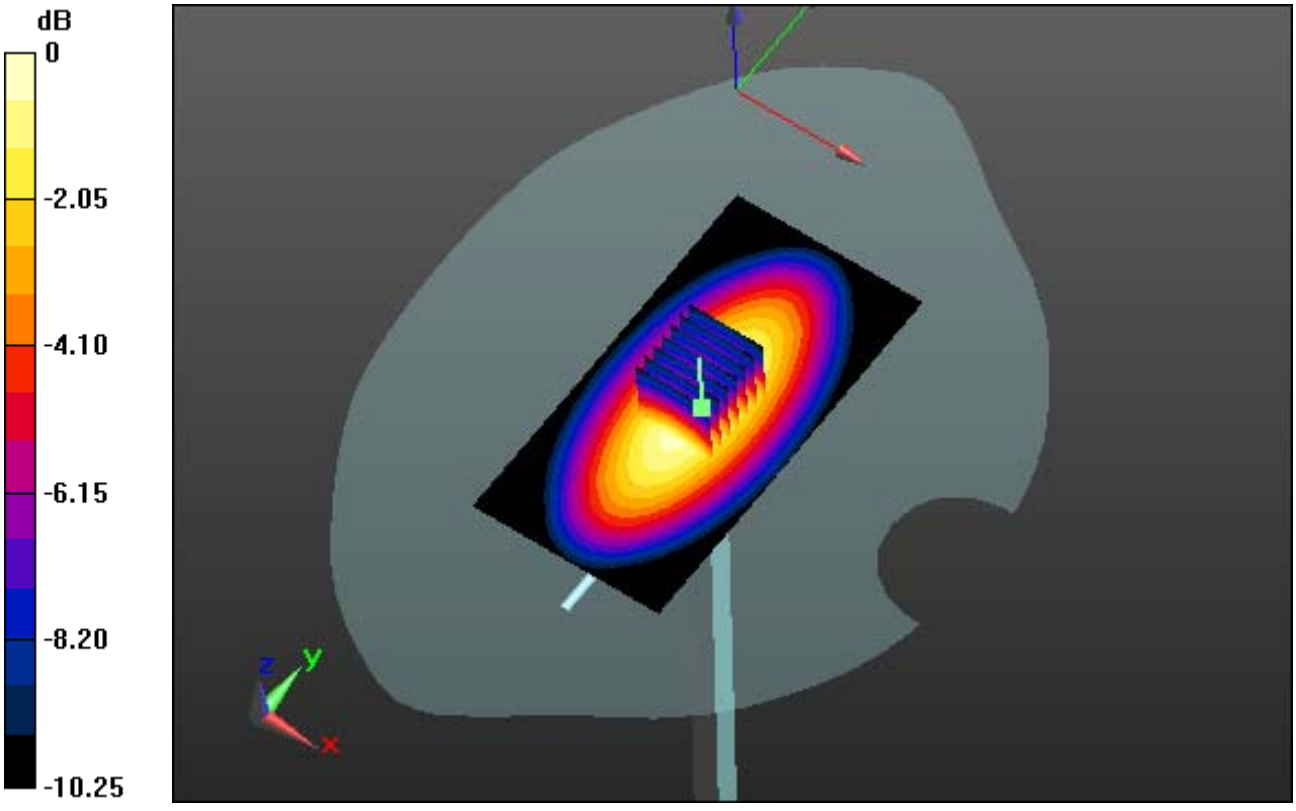
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.989 S/m; ε_r = 53.389; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-13; Ambient Temp: 21.5; Tissue Temp: 21.6

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 = 0.02 dB
Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.5 W/kg



0 dB = 2.47 W/kg

DT&C Co., Ltd.

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

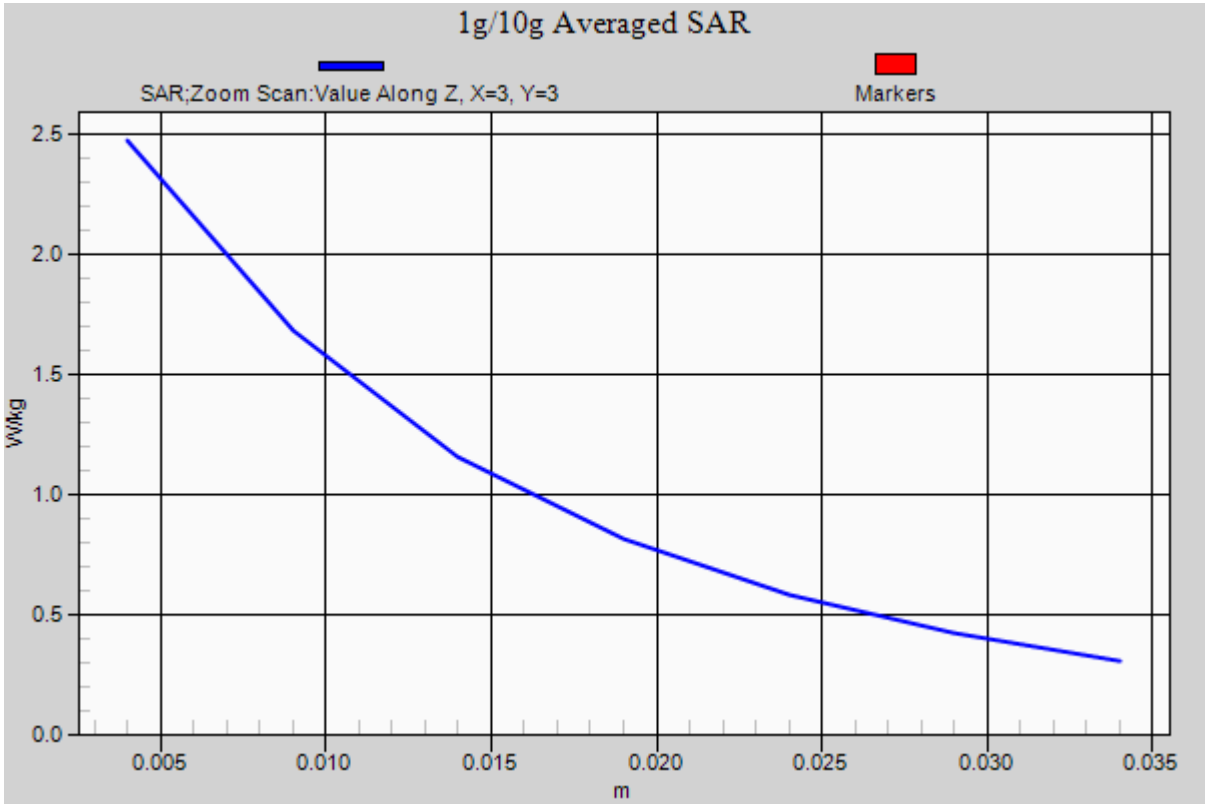
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.989 S/m; ε_r = 53.389; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-13; Ambient Temp: 21.5; Tissue Temp: 21.6

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 = 0.02 dB
Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.5 W/kg



DT&C Co., Ltd.

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

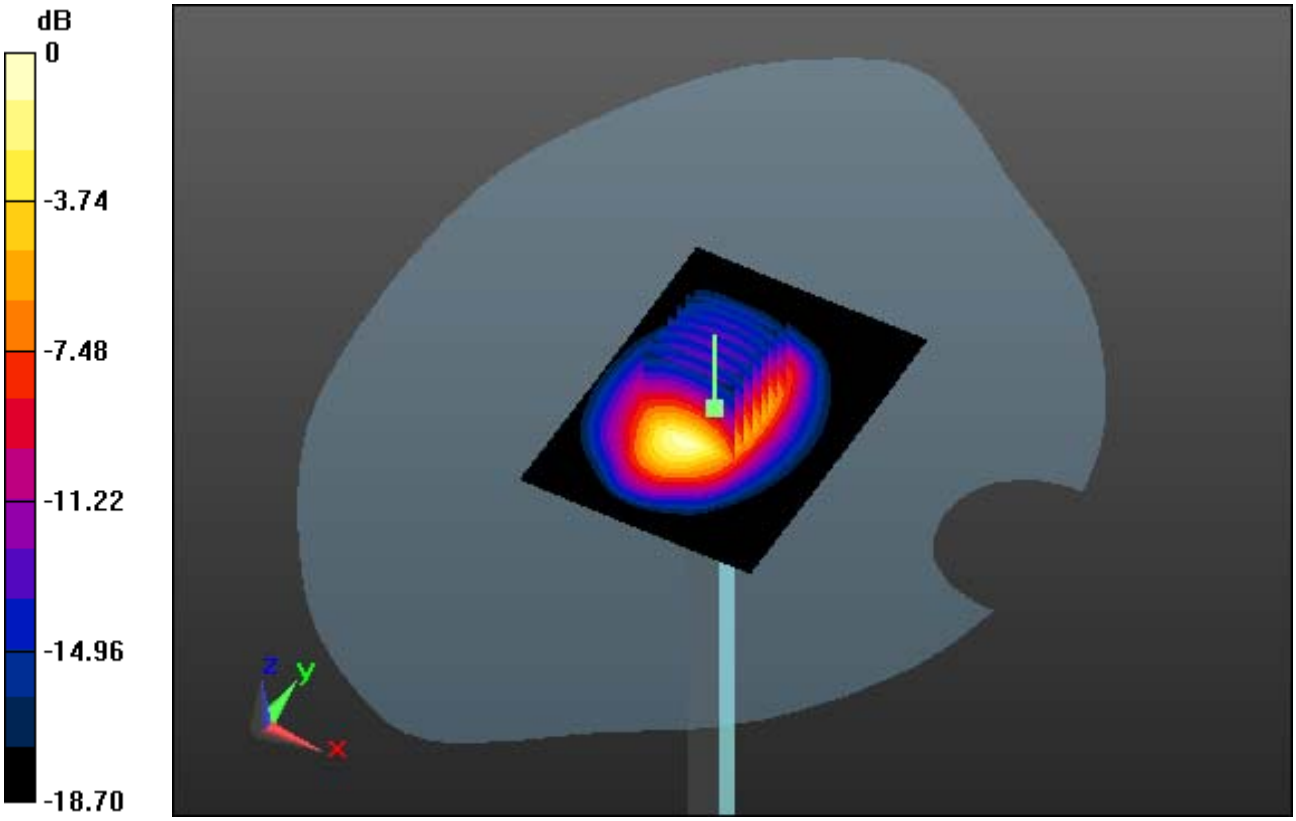
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.564 S/m; ε_r = 53.411; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-14; Ambient Temp: 21.3; Tissue Temp: 21.5

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.16 W/kg



0 dB = 13.9 W/kg

DT&C Co., Ltd.

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

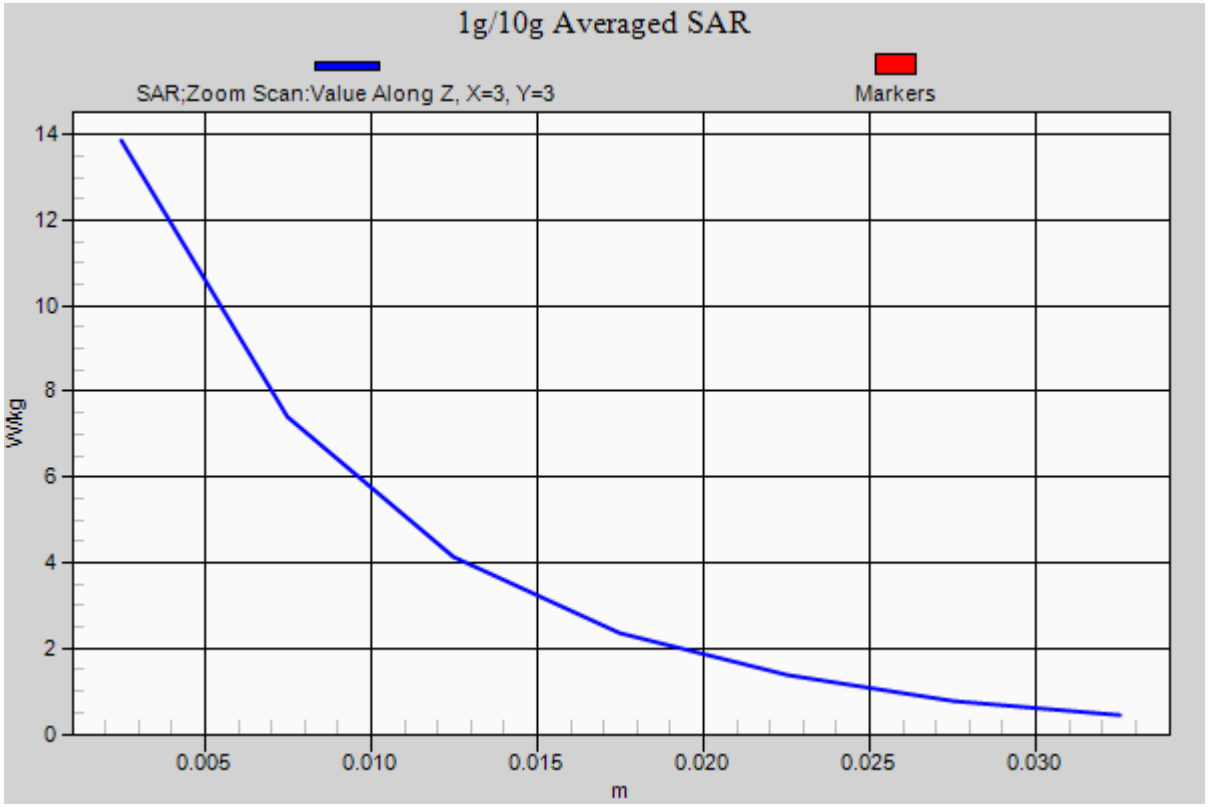
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.564 S/m; ε_r = 53.411; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; ; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-14; Ambient Temp: 21.3; Tissue Temp: 21.5

1900 MHz System Verification

Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.16 W/kg



DT&C Co., Ltd.

DUT: STU690; Type: Tracker

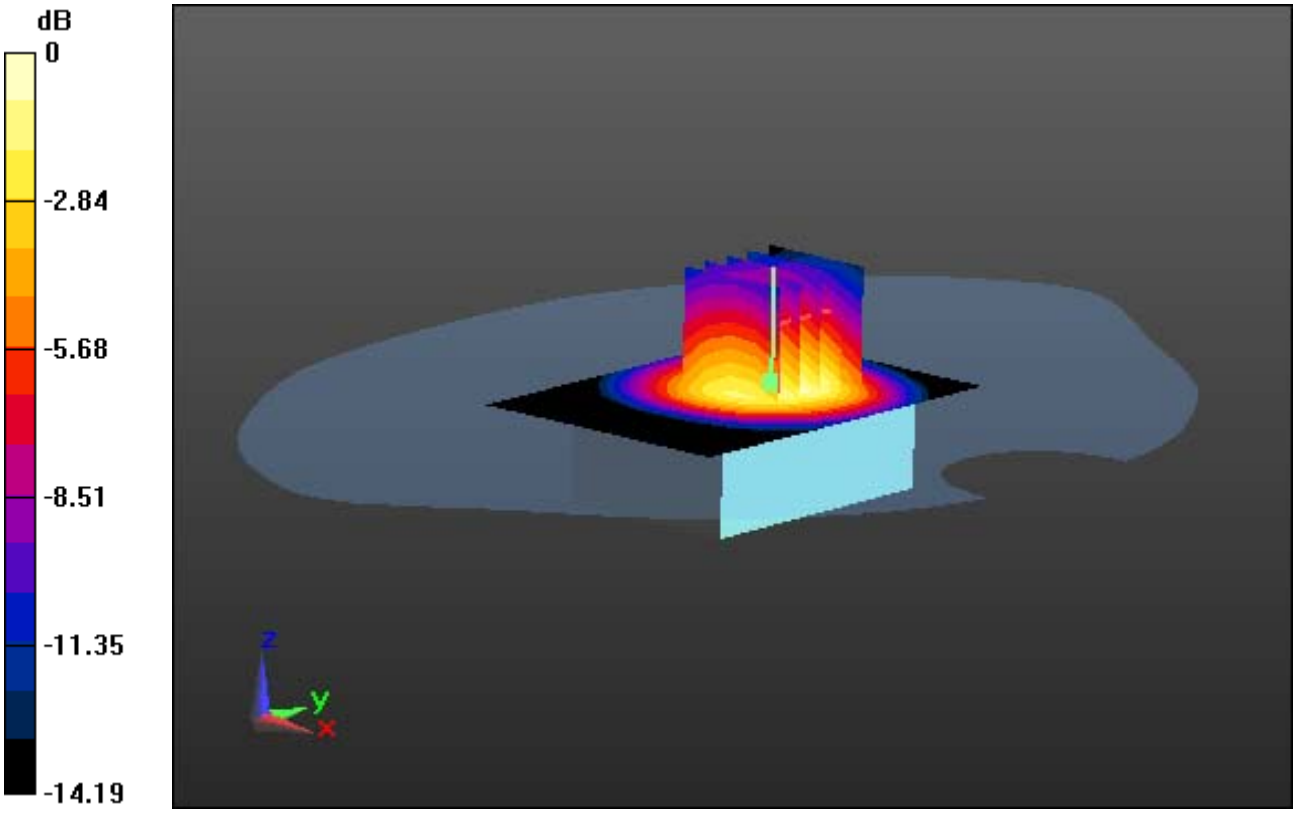
Communication System: WCDMA 850 (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.982 S/m; ε_r = 53.458; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-13; Ambient Temp; 21.5; Tissue Temp: 21.6

Touch from Body, Rear, WCDMA850 Ch. 4132, Ant Internal

Area Scan (51x71x1): 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) = 1.90 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.807 W/kg



0 dB = 1.57 W/kg

DT&C Co., Ltd.

DUT: STU690; Type: Tracker

Communication System: WCDMA 850 (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.982 S/m; ε_r = 53.458; ρ = 1000 kg/m^3
Phantom section: Flat Section

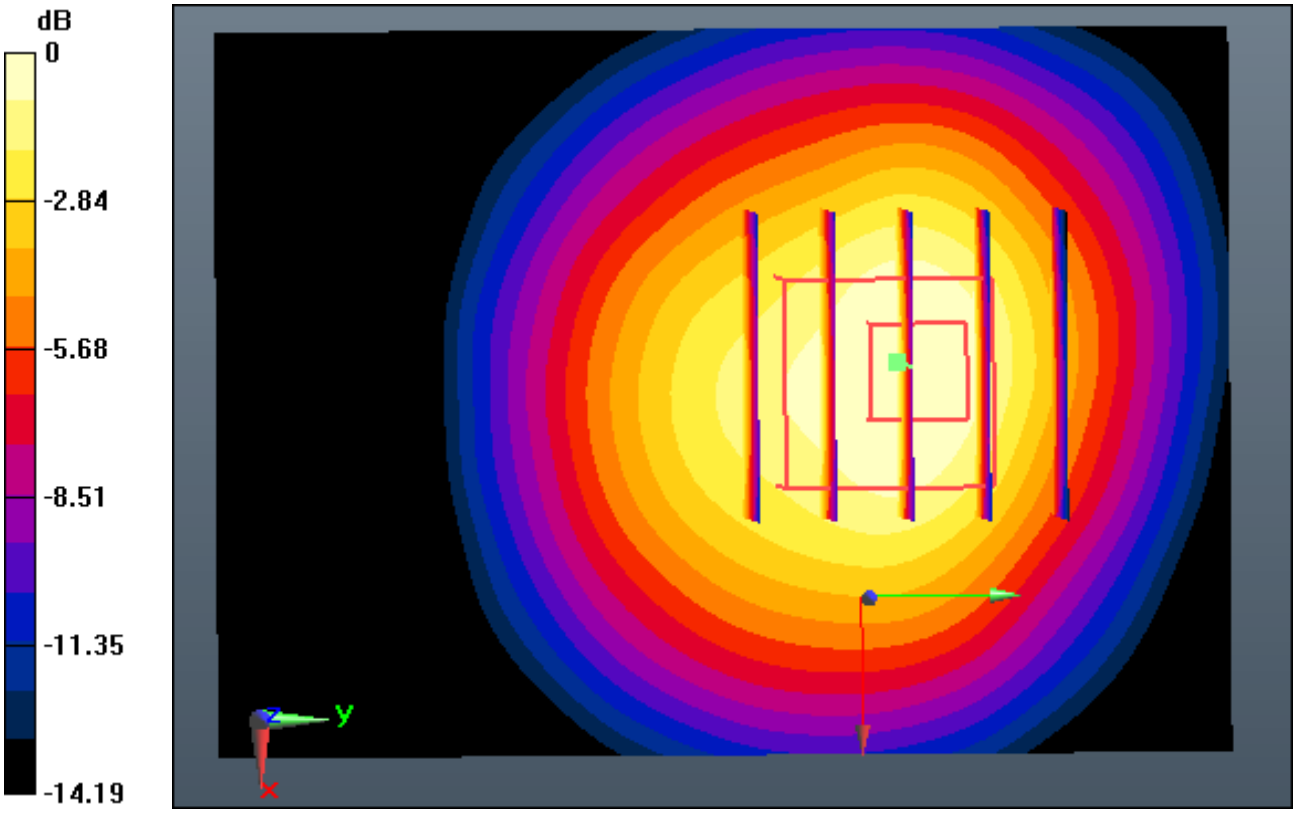
DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-13; Ambient Temp; 21.5; Tissue Temp: 21.6

Touch from Body, Rear, WCDMA850 Ch. 4132, Ant Internal

With Enlarge Plot image

Area Scan (51x71x1): 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) = 1.90 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.807 W/kg



0 dB = 1.57 W/kg

DT&C Co., Ltd.

DUT: STU690; Type: Tracker

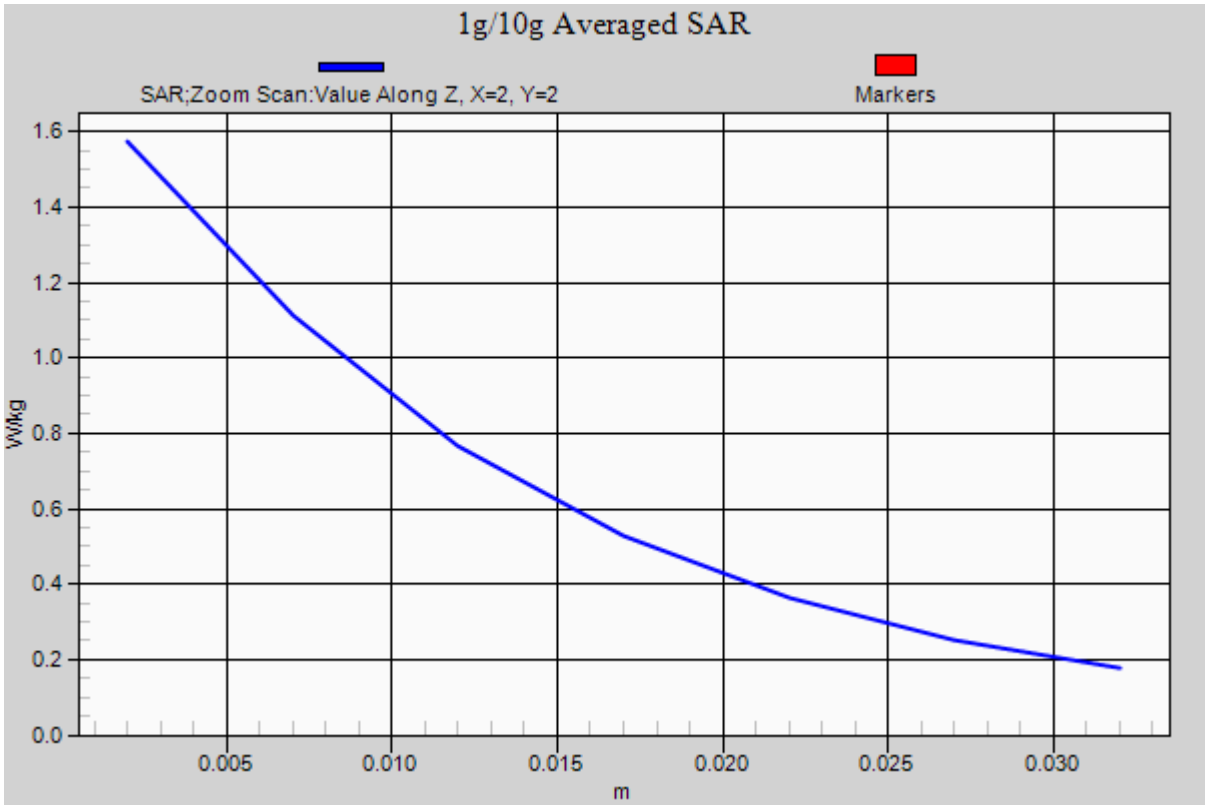
Communication System: WCDMA 850 (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.982 S/m; ε_r = 53.458; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-13; Ambient Temp; 21.5; Tissue Temp: 21.6

Touch from Body, Rear, WCDMA850 Ch. 4132, Ant Internal

Area Scan (51x71x1): 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) = 1.90 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.807 W/kg



DT&C Co., Ltd.

DUT: STU690; Type: Tracker

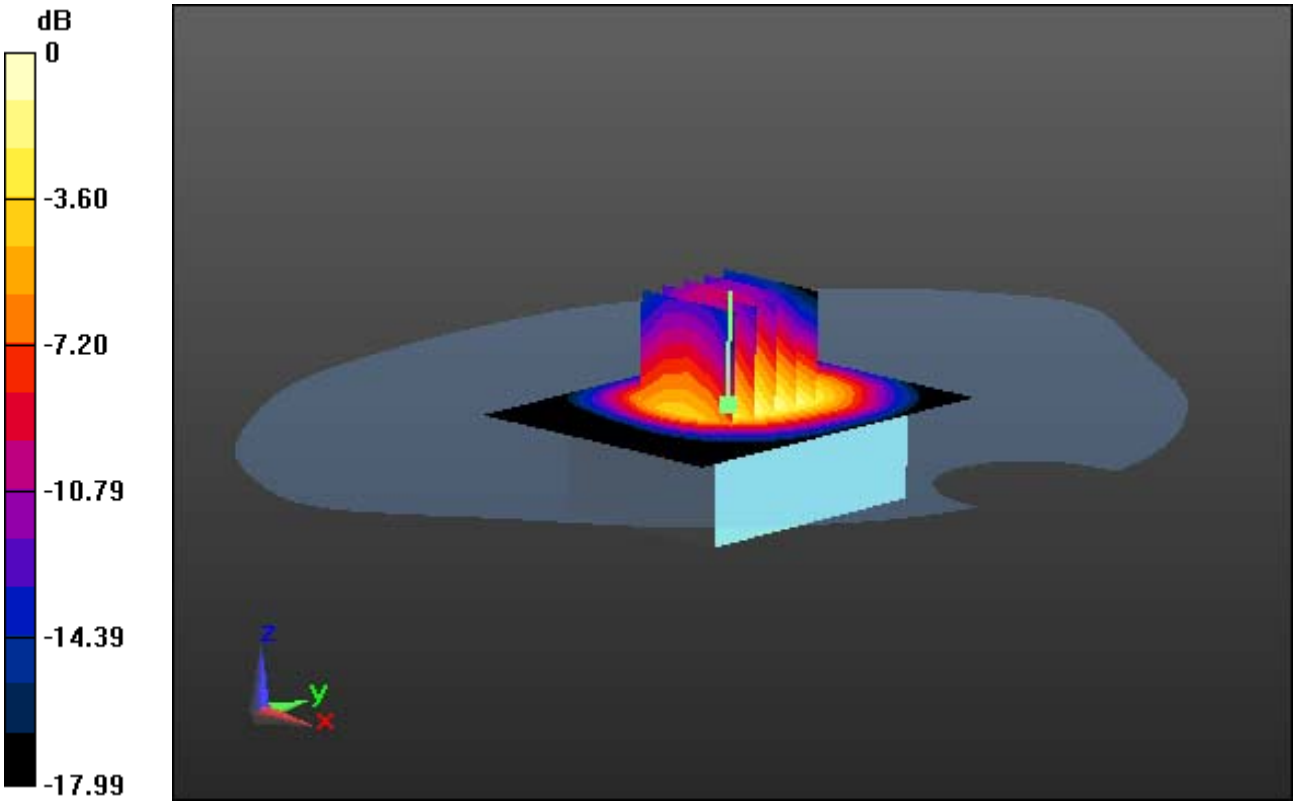
Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 53.473; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-14; Ambient Temp; 21.3; Tissue Temp: 21.5

Touch from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.693 W/kg



0 dB = 1.37 W/kg

DT&C Co., Ltd.

DUT: STU690; Type: Tracker

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 53.473; ρ = 1000 kg/m^3
Phantom section: Flat Section

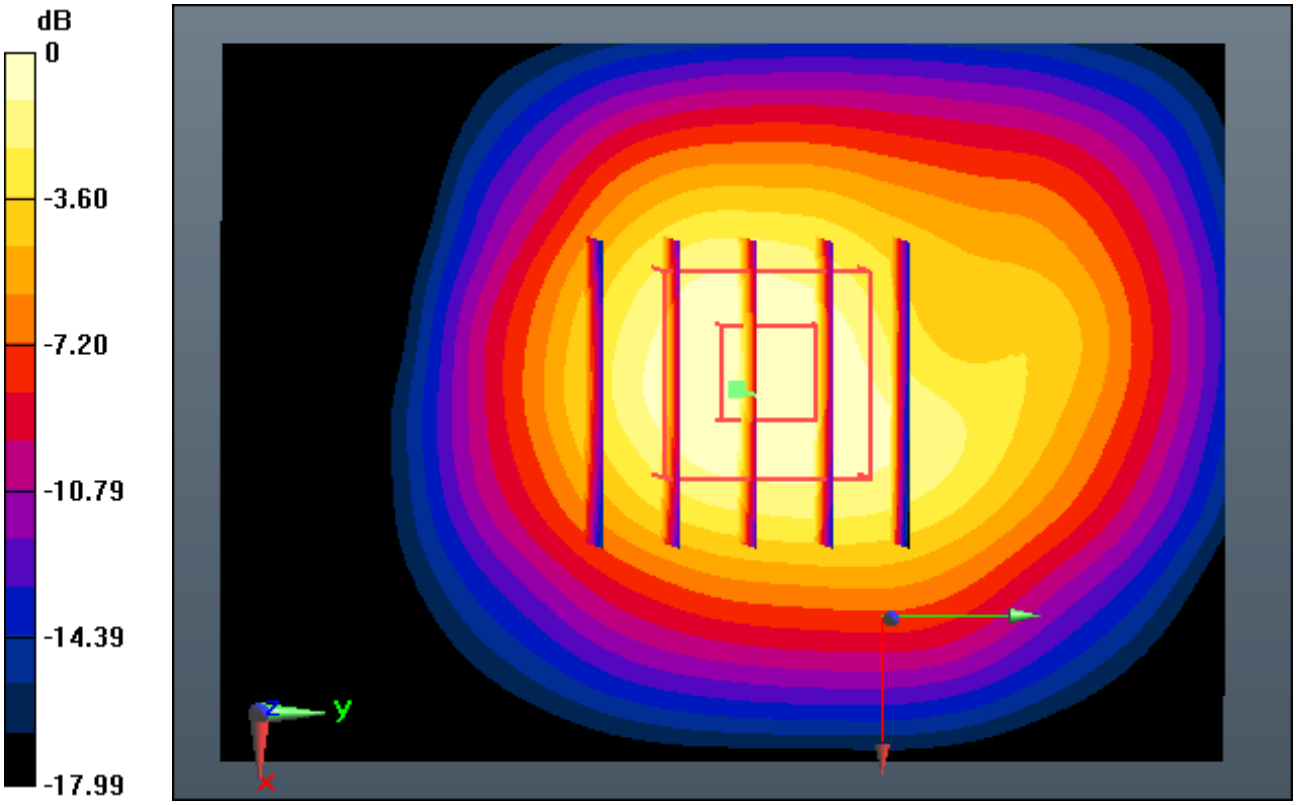
DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-14; Ambient Temp; 21.3; Tissue Temp: 21.5

Touch from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

With Enlarge Plot image

Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.693 W/kg



0 dB = 1.37 W/kg

DT&C Co., Ltd.

DUT: STU690; Type: Tracker

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.544 S/m; ε_r = 53.473; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335
Phantom: SAM with CRP_2013_10_08_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2016-06-14; Ambient Temp; 21.3; Tissue Temp: 21.5

Touch from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

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