SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN1049

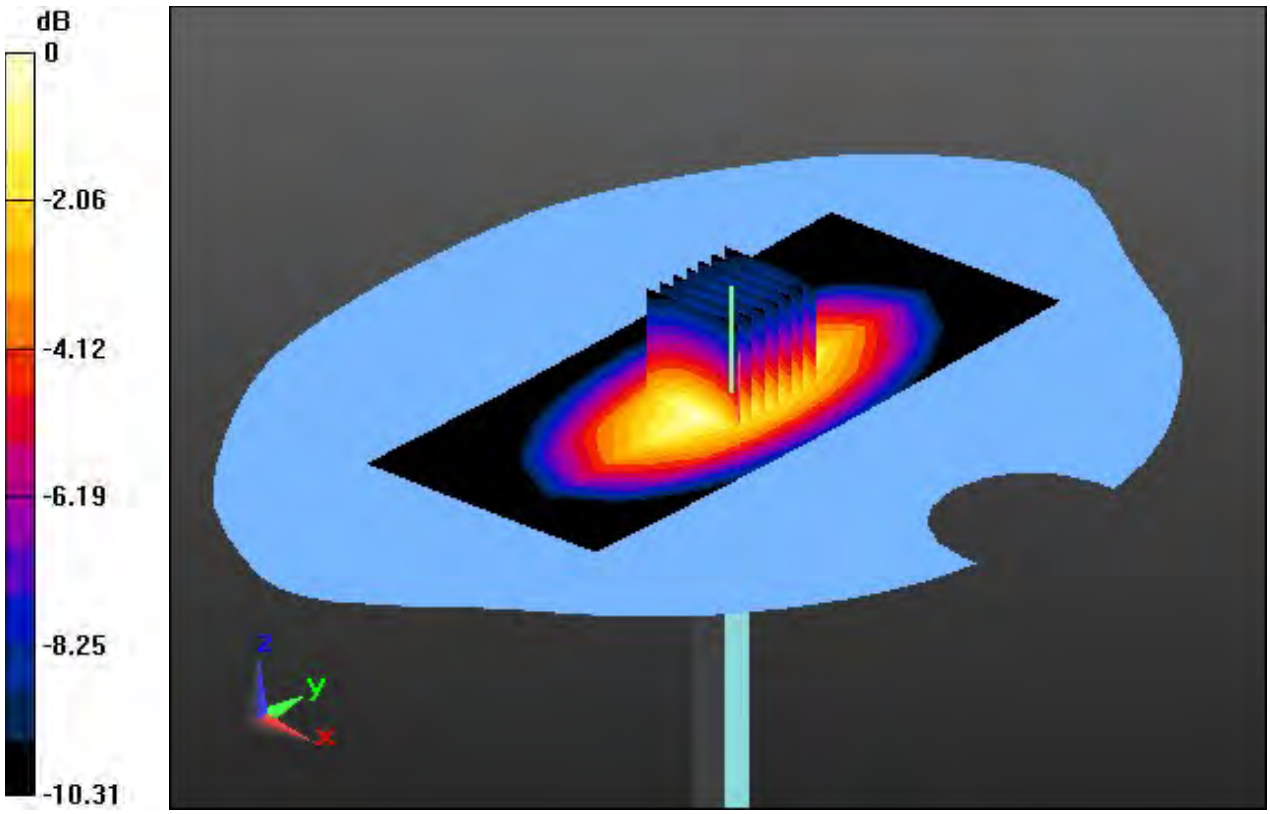
Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.926 S/m; ε_r = 41.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.53, 6.53, 6.53) @ 750 MHz; Calibrated: 2019-03-28
Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-09-19; Ambient Temp: 22.4; Tissue Temp: 22.2

750 MHz System Head Verification (250 mW)

Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.47 W/kg



0 dB = 2.71 W/kg

DT&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN1049

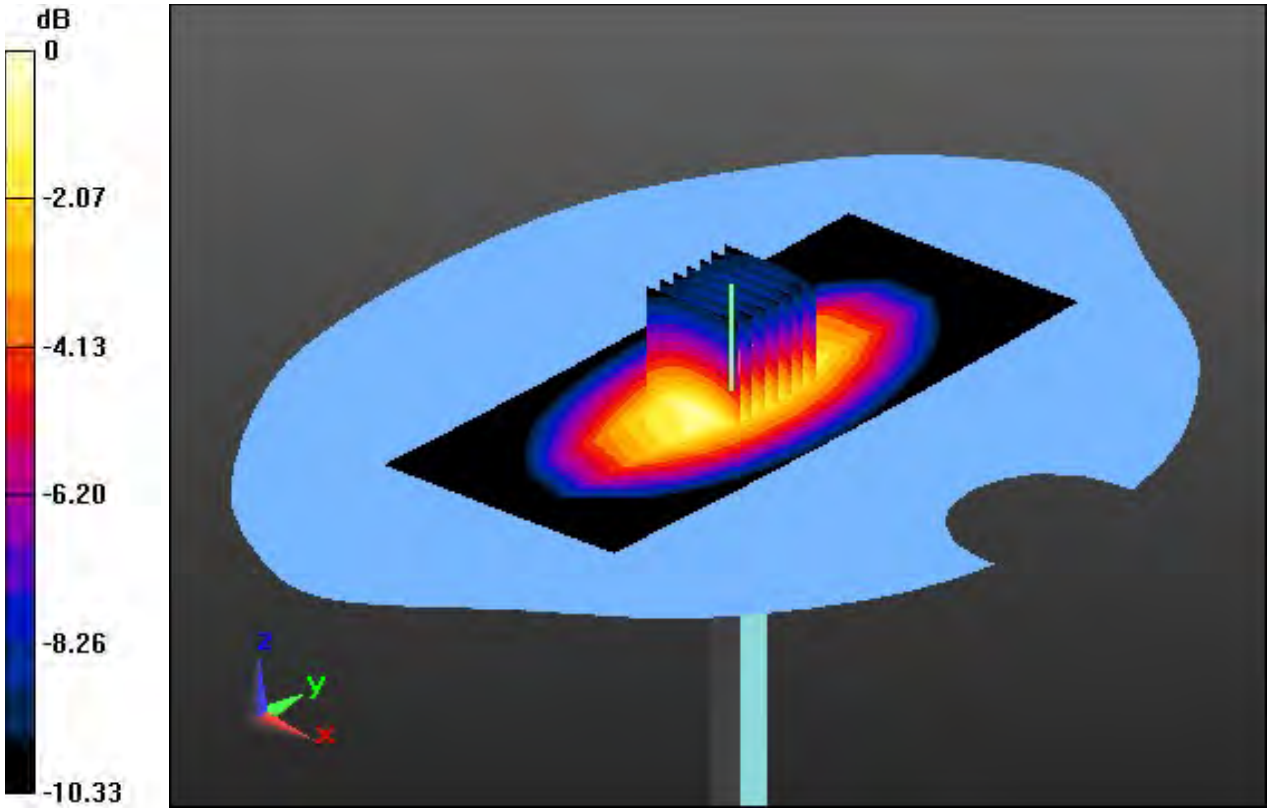
Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.984 S/m; ε_r = 53.731; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.26, 6.26, 6.26) @ 750 MHz; Calibrated: 2019-03-28
Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-09-19; Ambient Temp: 22.4; Tissue Temp: 22.3

750 MHz System Body Verification (250 mW)

Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.55 W/kg



0 dB = 2.78 W/kg

DT&C Co., Ltd.

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

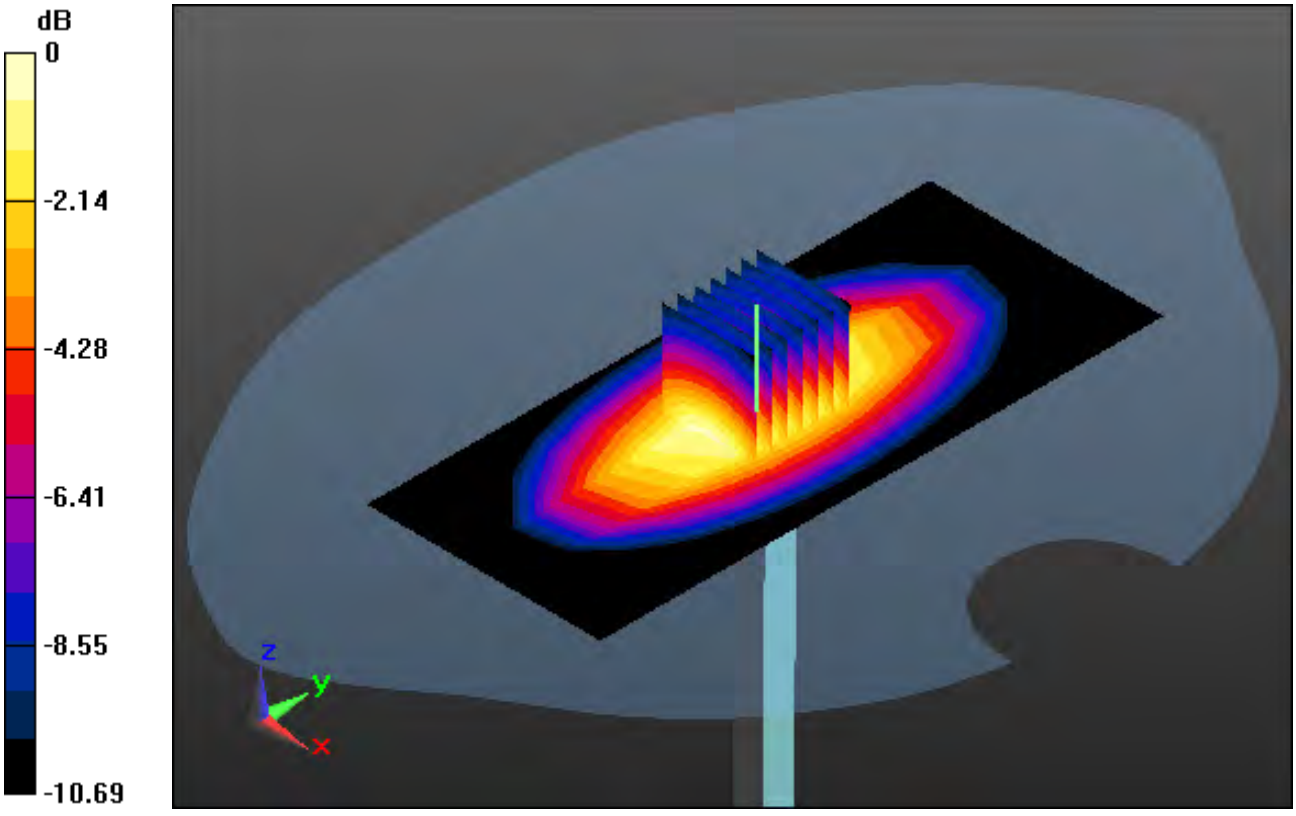
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.879 S/m; ε_r = 40.738; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.46, 6.46, 6.46); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-04; Ambient Temp: 20.9; Tissue Temp: 21.4

835 MHz System Head Verification (250 mW)

Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.86 W/kg
SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.58 W/kg



0 dB = 2.32 W/kg

DT&C Co., Ltd.

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

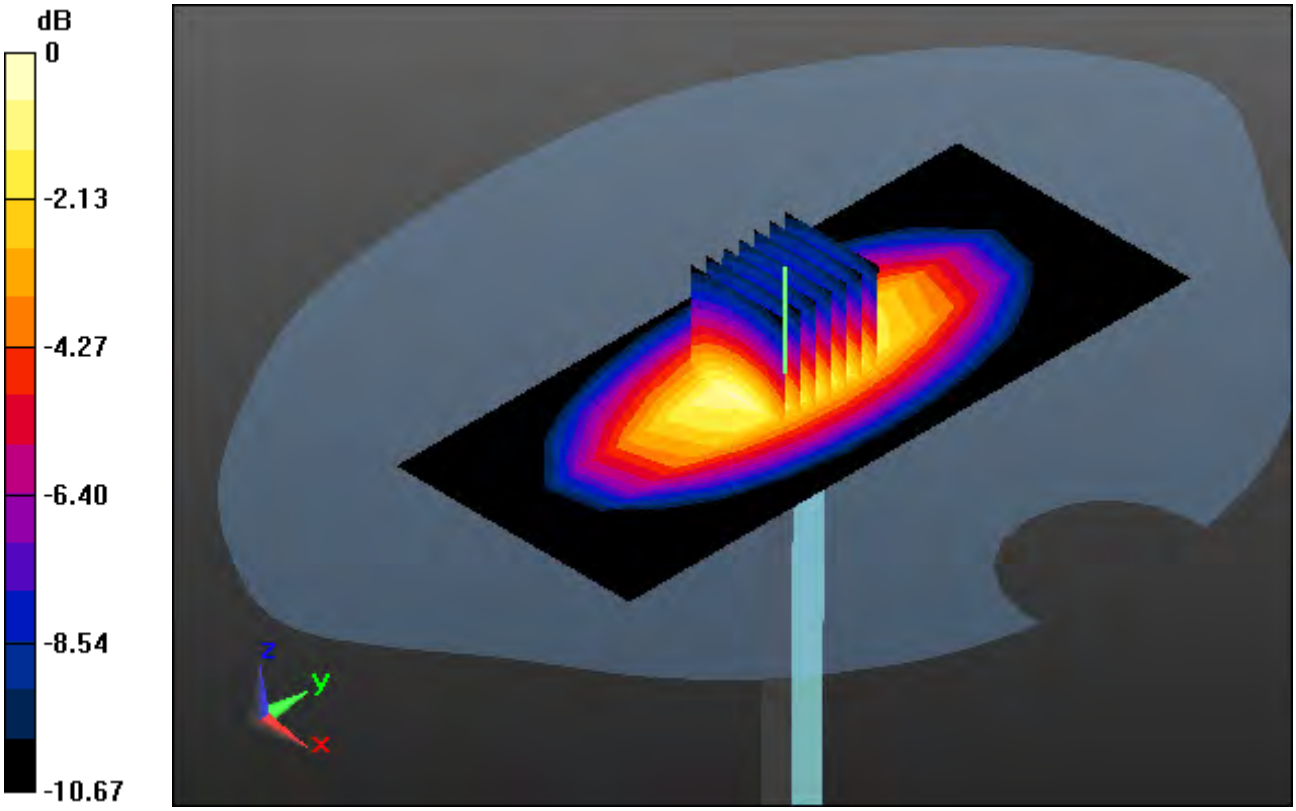
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.986 S/m; ε_r = 53.277; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.38, 6.38, 6.38); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-04; Ambient Temp: 20.9; Tissue Temp: 21.6

835 MHz System Body Verification (250 mW)

Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 3.73 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.51 W/kg



0 dB = 2.87 W/kg

DT&C Co., Ltd.

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

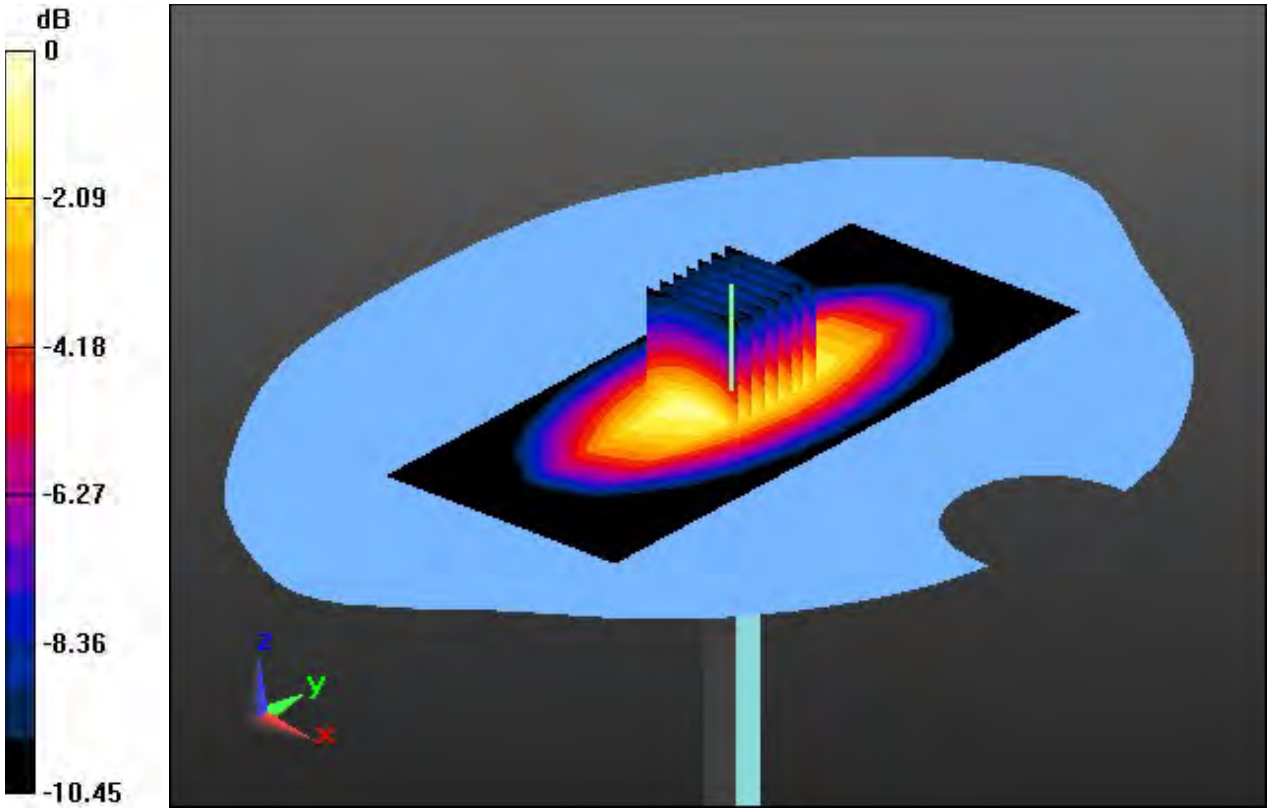
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 1.004 S/m; ε_r = 57.222; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.23, 10.23, 10.23) @ 835 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

835 MHz System Body Verification (250 mW)

Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.60 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.6 W/kg



0 dB = 3.08 W/kg

DT&C Co., Ltd.

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

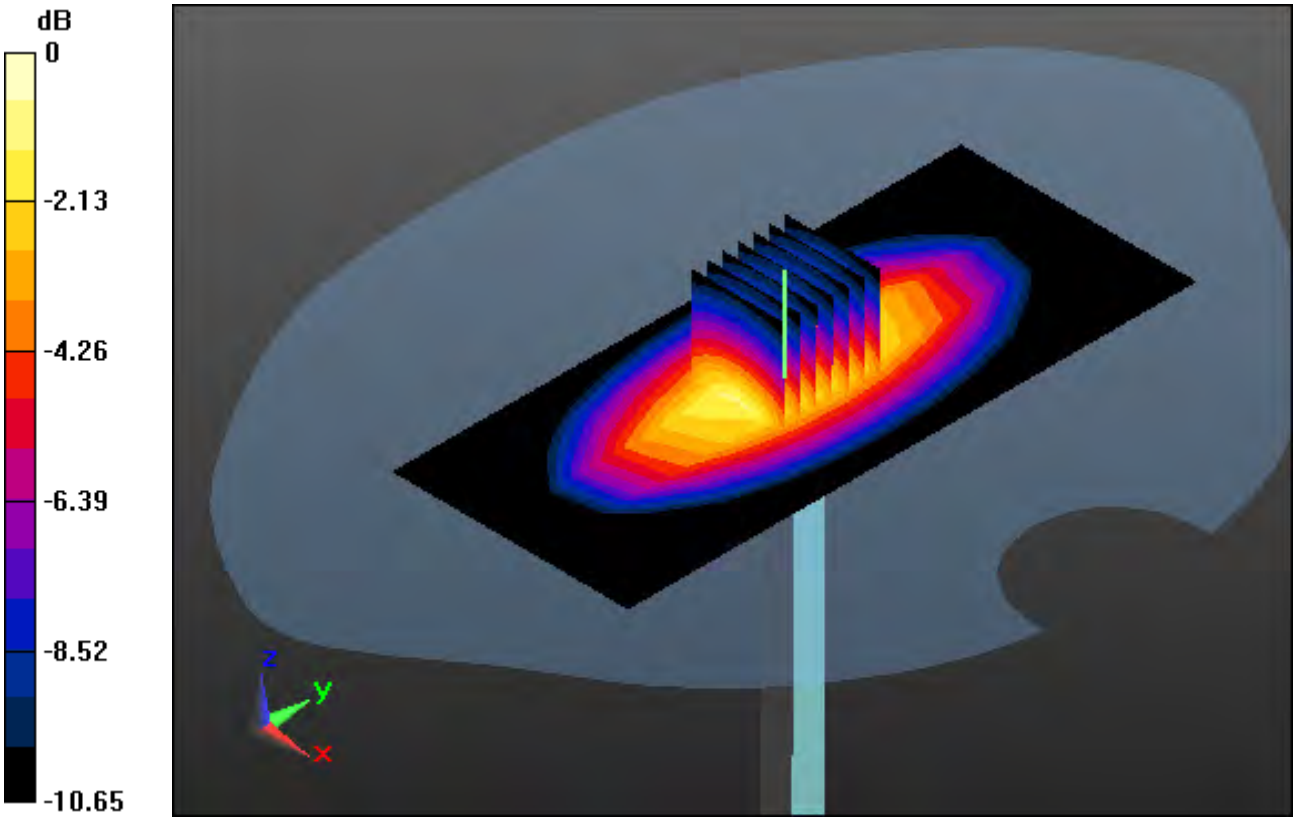
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.905 S/m; ε_r = 42.435; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.46, 6.46, 6.46); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-13; Ambient Temp: 21.8; Tissue Temp: 21.7

835 MHz System Head Verification (250 mW)

Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.45 W/kg



0 dB = 1.99 W/kg

DT&C Co., Ltd.

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

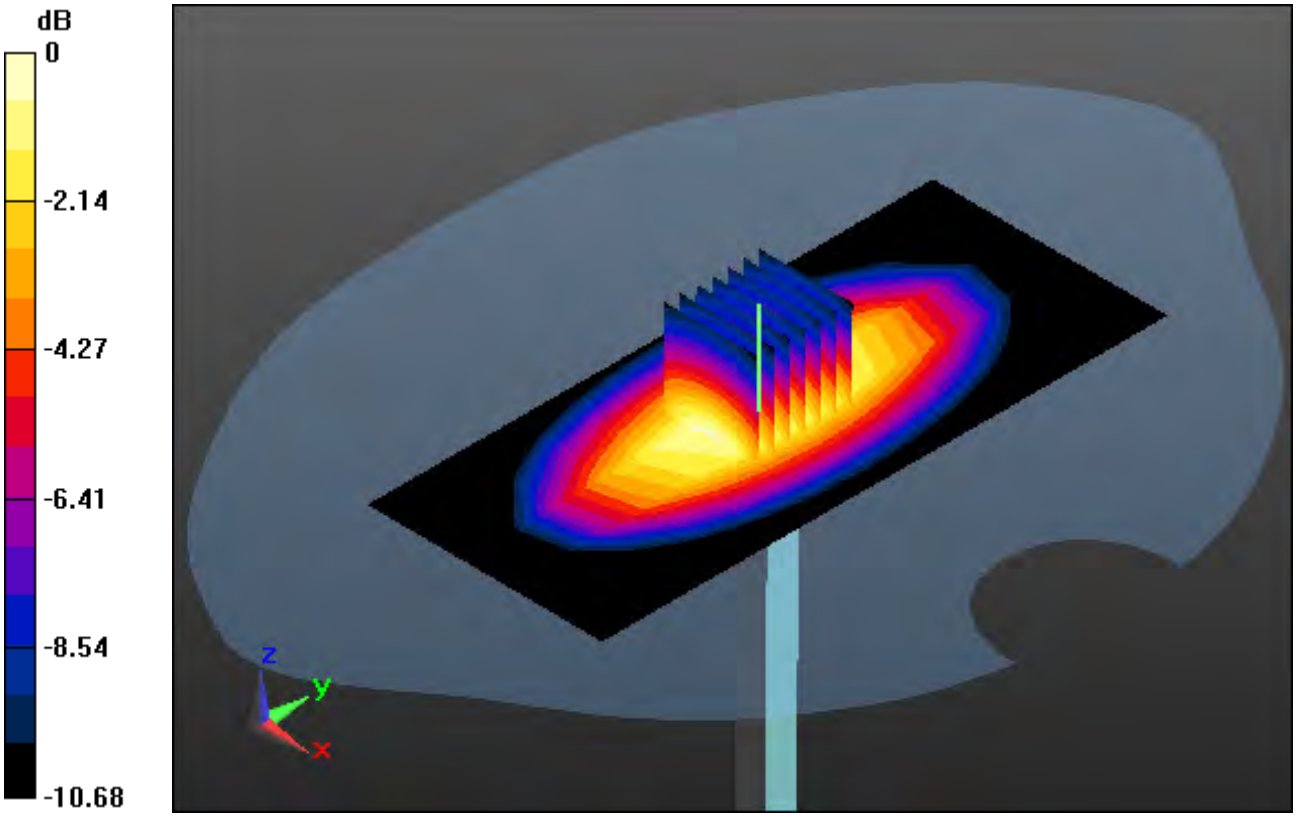
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 1 S/m; ε_r = 54.37; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.38, 6.38, 6.38); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-13; Ambient Temp: 21.8; Tissue Temp: 21.1

835 MHz System Body Verification (250 mW)

Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.84 W/kg
SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.68 W/kg



0 dB = 2.98 W/kg

DT&C Co., Ltd.

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

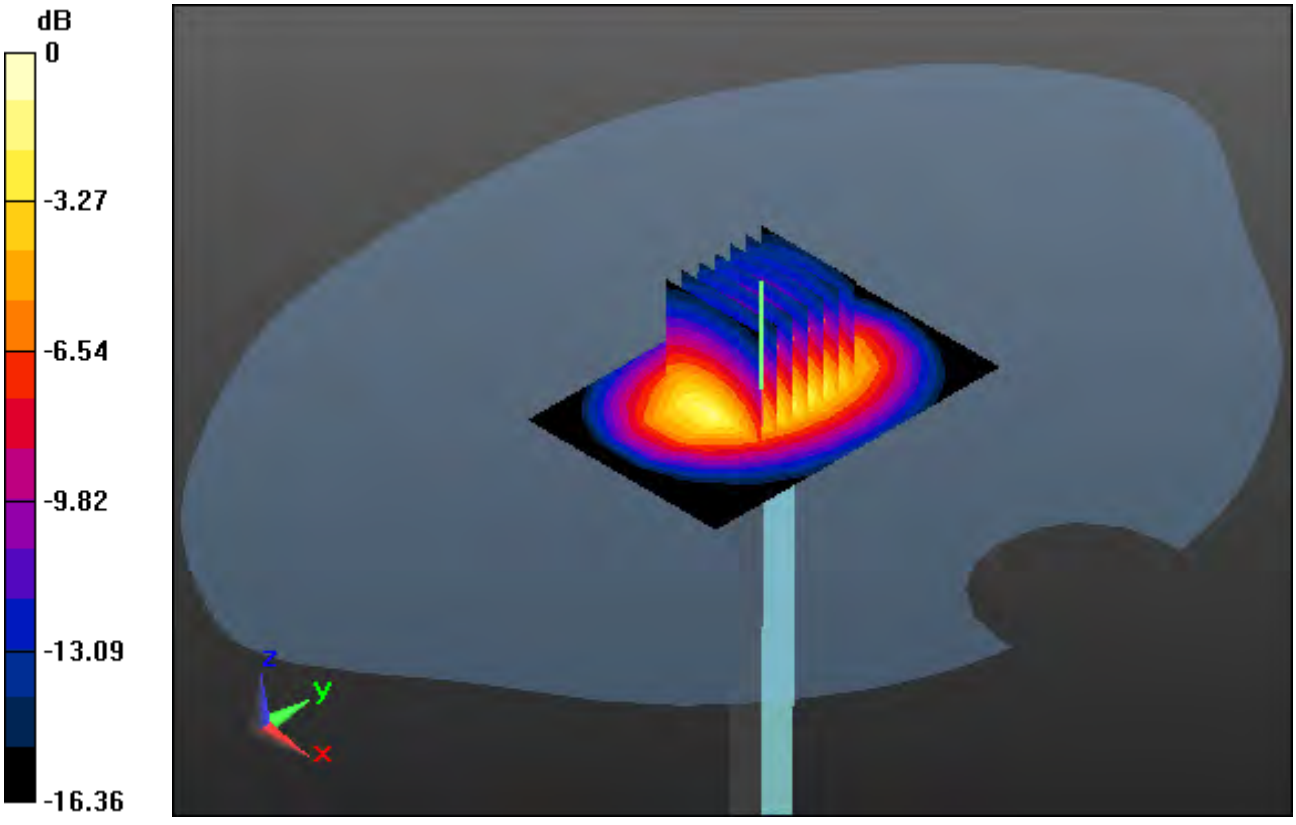
Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.392 S/m; ε_r = 39.59; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.59, 5.59, 5.59); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-10; Ambient Temp: 22.0; Tissue Temp: 21.7

1800 MHz System Head Verification (100 mW)

Area Scan (7x10x1): Measurement 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) = 6.55 W/kg
SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2.08 W/kg



0 dB = 4.85 W/kg

DT&C Co., Ltd.

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

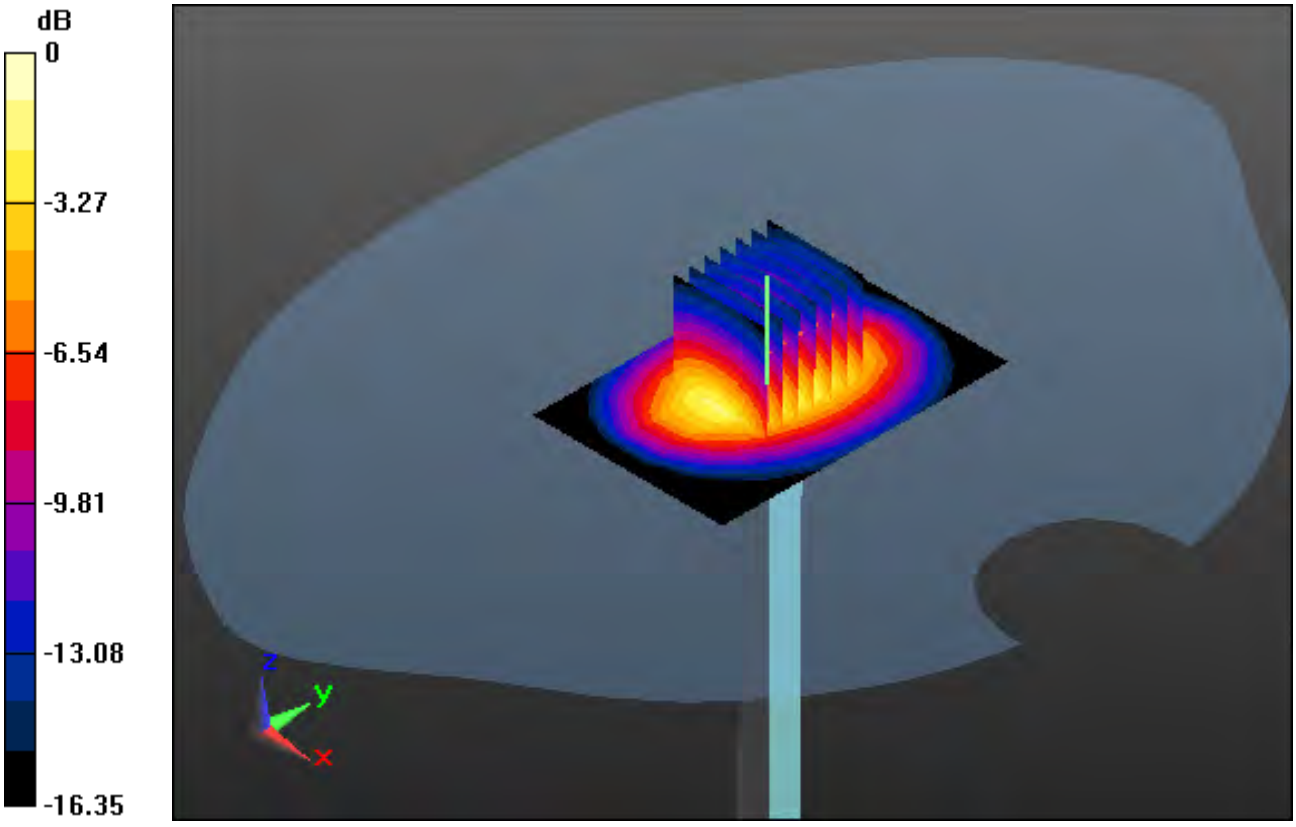
Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.571 S/m; ε_r = 51.875; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-10; Ambient Temp: 22.0; Tissue Temp: 21.4

1800 MHz System Body Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 6.29 W/kg
SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.09 W/kg



0 dB = 4.15 W/kg

DT&C Co., Ltd.

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

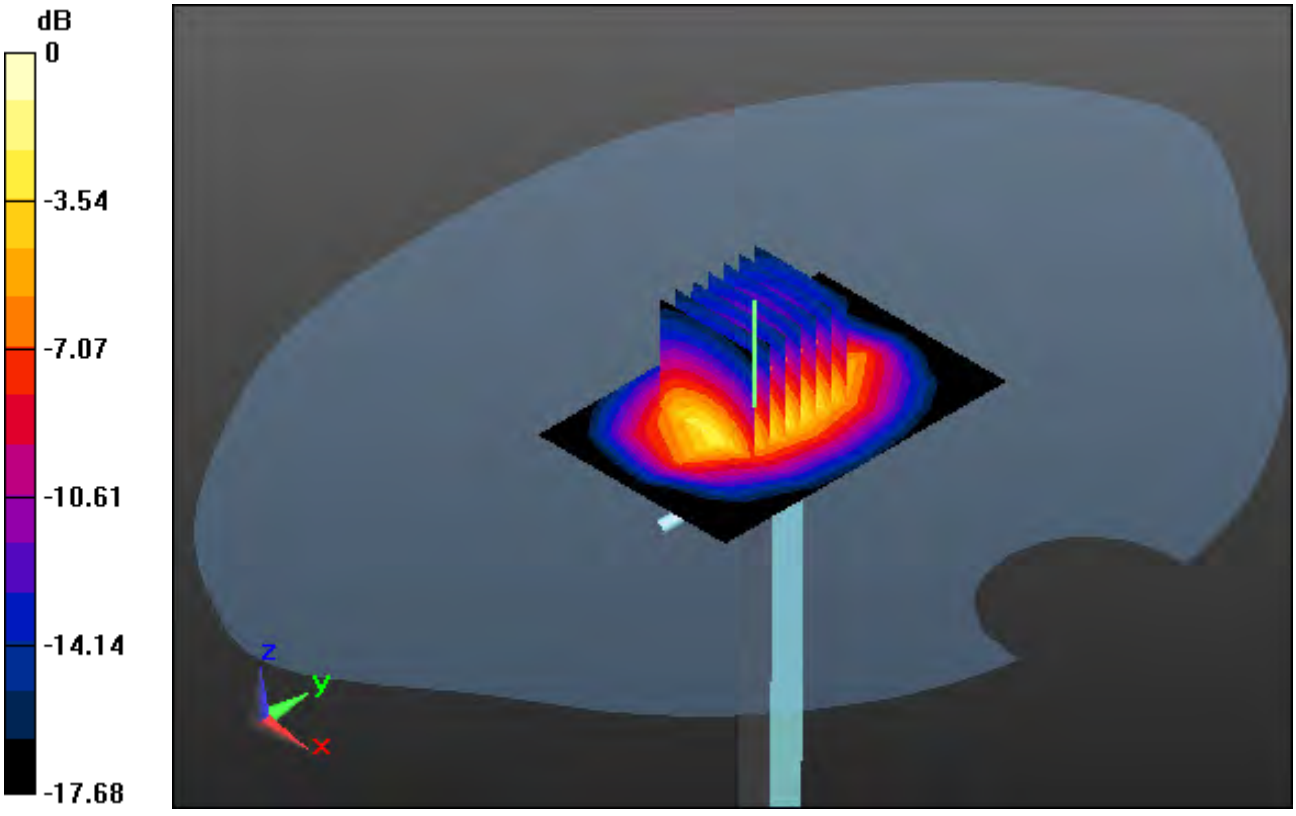
Communication System: UID 0, CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.383 S/m; ε_r = 39.206; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.59, 5.59, 5.59); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-12; Ambient Temp: 21.6; Tissue Temp: 21.4

1800 MHz System Head Verification (100 mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.73 W/kg
SAR(1 g) = 3.93 W/kg; SAR(10 g) = 2.05 W/kg



0 dB = 4.89 W/kg

DT&C Co., Ltd.

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

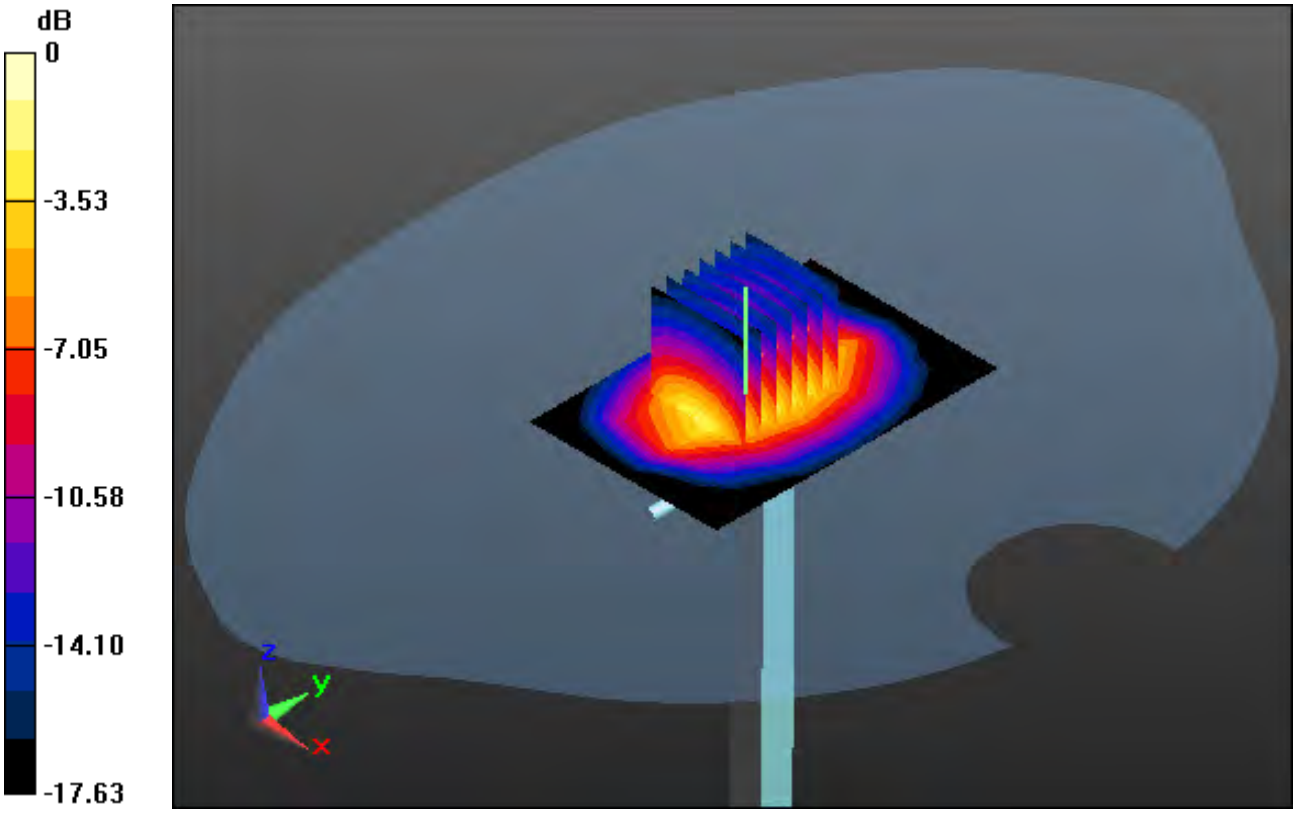
Communication System: UID 0, CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.571 S/m; ε_r = 51.851; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-12; Ambient Temp: 21.6; Tissue Temp: 20.4

1800 MHz System Body Verification (100 mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 5.3 W/kg
SAR(1 g) = 3.95 W/kg; SAR(10 g) = 2.02 W/kg



0 dB = 4.21 W/kg

DT&C Co., Ltd.

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

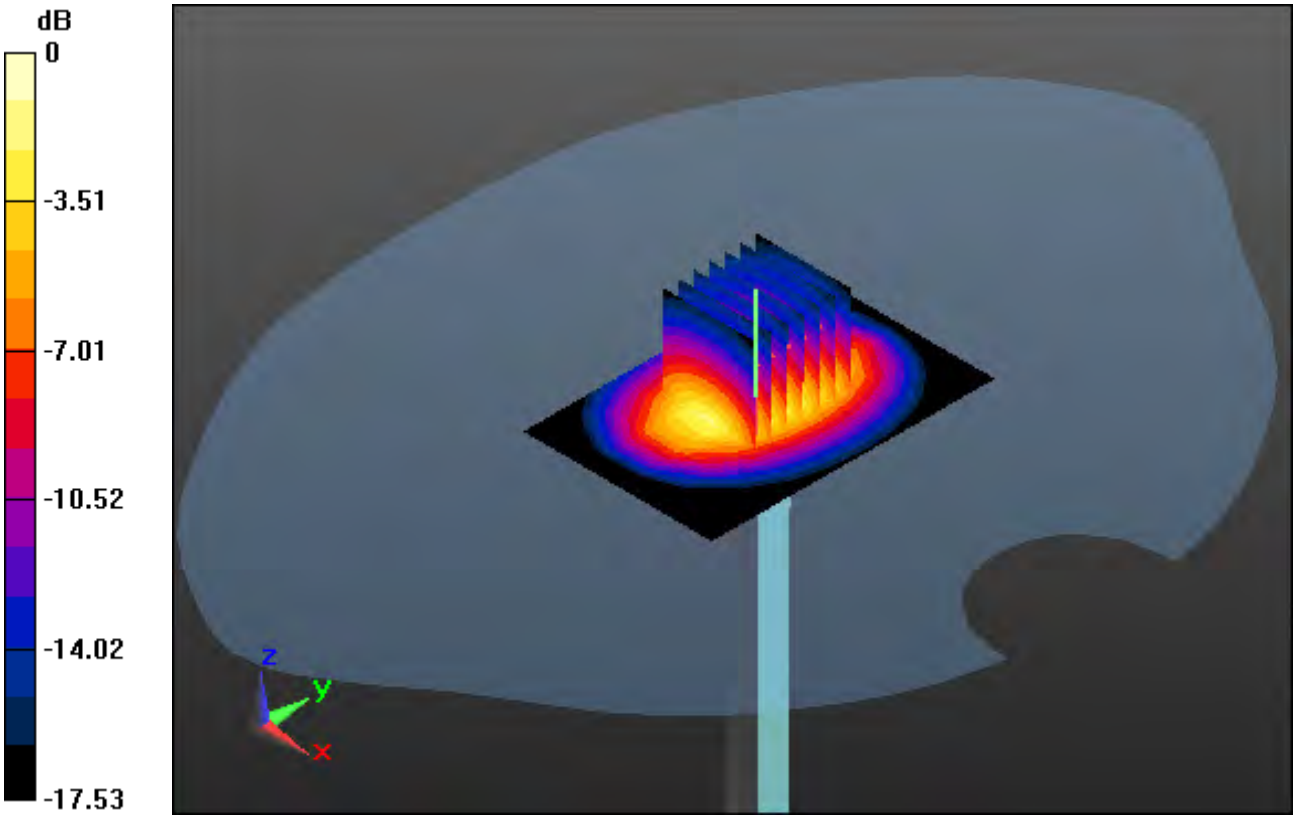
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.424 S/m; ε_r = 40.071; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-05; Ambient Temp: 21.3; Tissue Temp: 21.6

1900 MHz System Head Verification (100 mW)

Area Scan (7x10x1): Measurement 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) = 6.84 W/kg
SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.15 W/kg



0 dB = 4.82 W/kg

DT&C Co., Ltd.

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

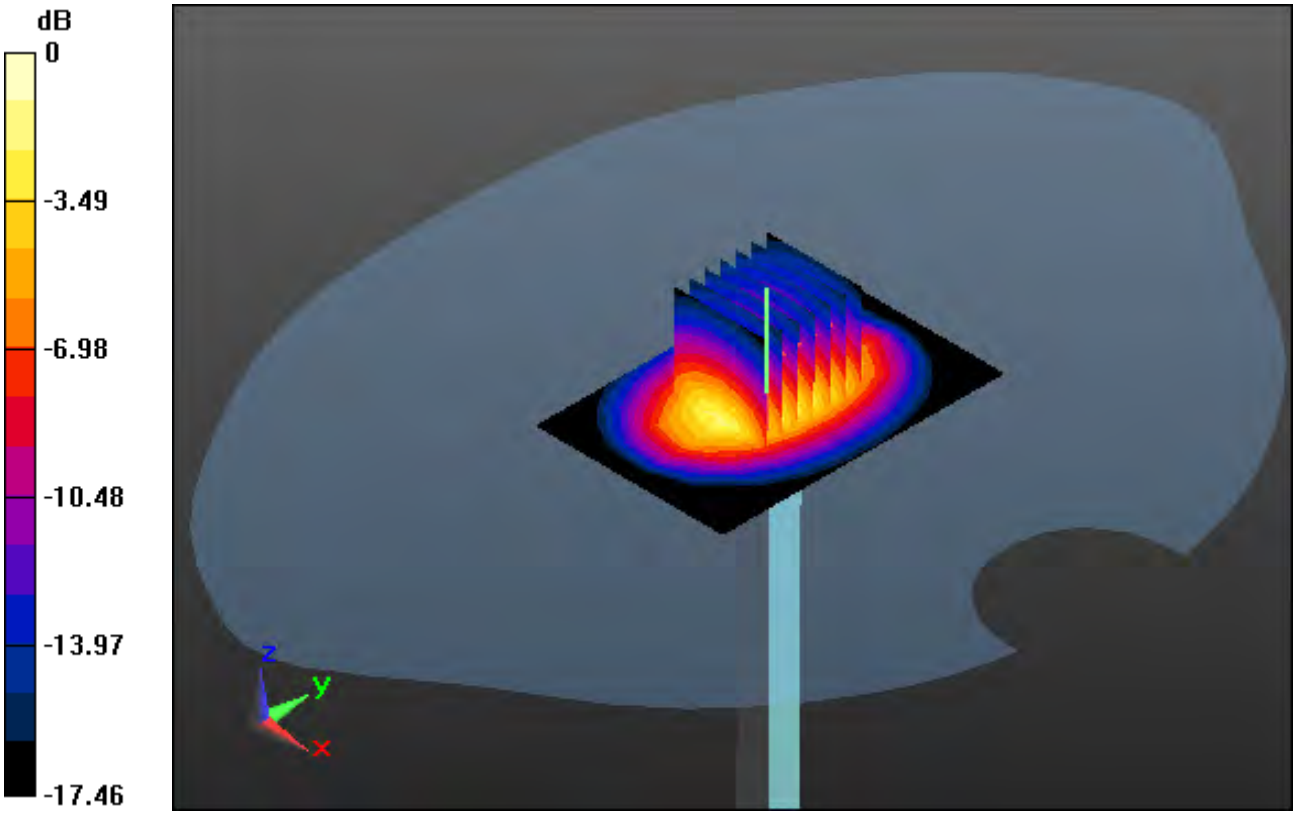
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.542 S/m; ε_r = 53.77; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-05; Ambient Temp: 21.3; Tissue Temp: 21.1

1900 MHz System Body Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.7 W/kg
SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.04 W/kg



0 dB = 4.02 W/kg

DT&C Co., Ltd.

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

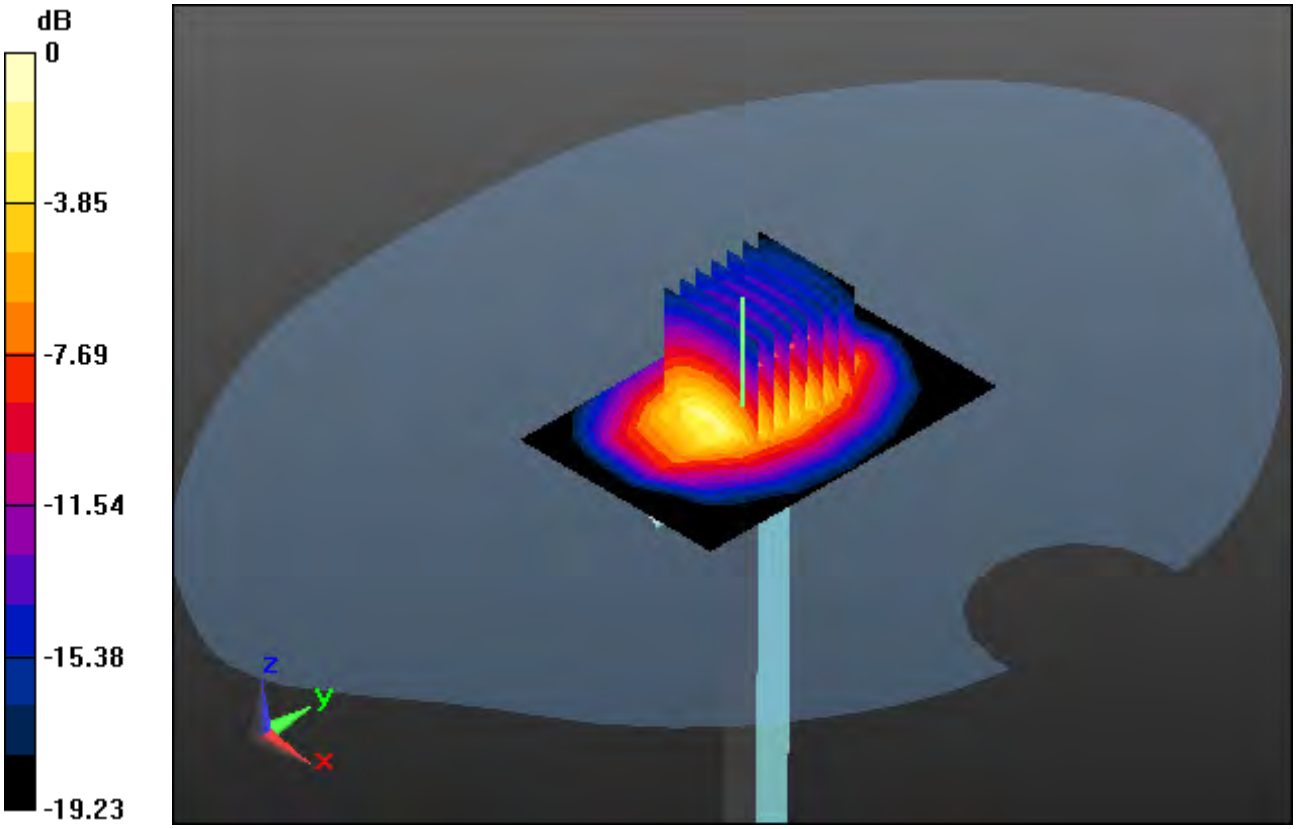
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.424 S/m; ε_r = 39.76; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-09; Ambient Temp: 21.8; Tissue Temp: 21.6

1900 MHz System Head Verification (100 mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 6.40 W/kg
SAR(1 g) = 3.95 W/kg; SAR(10 g) = 2.12 W/kg



0 dB = 4.12 W/kg

DT&C Co., Ltd.

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

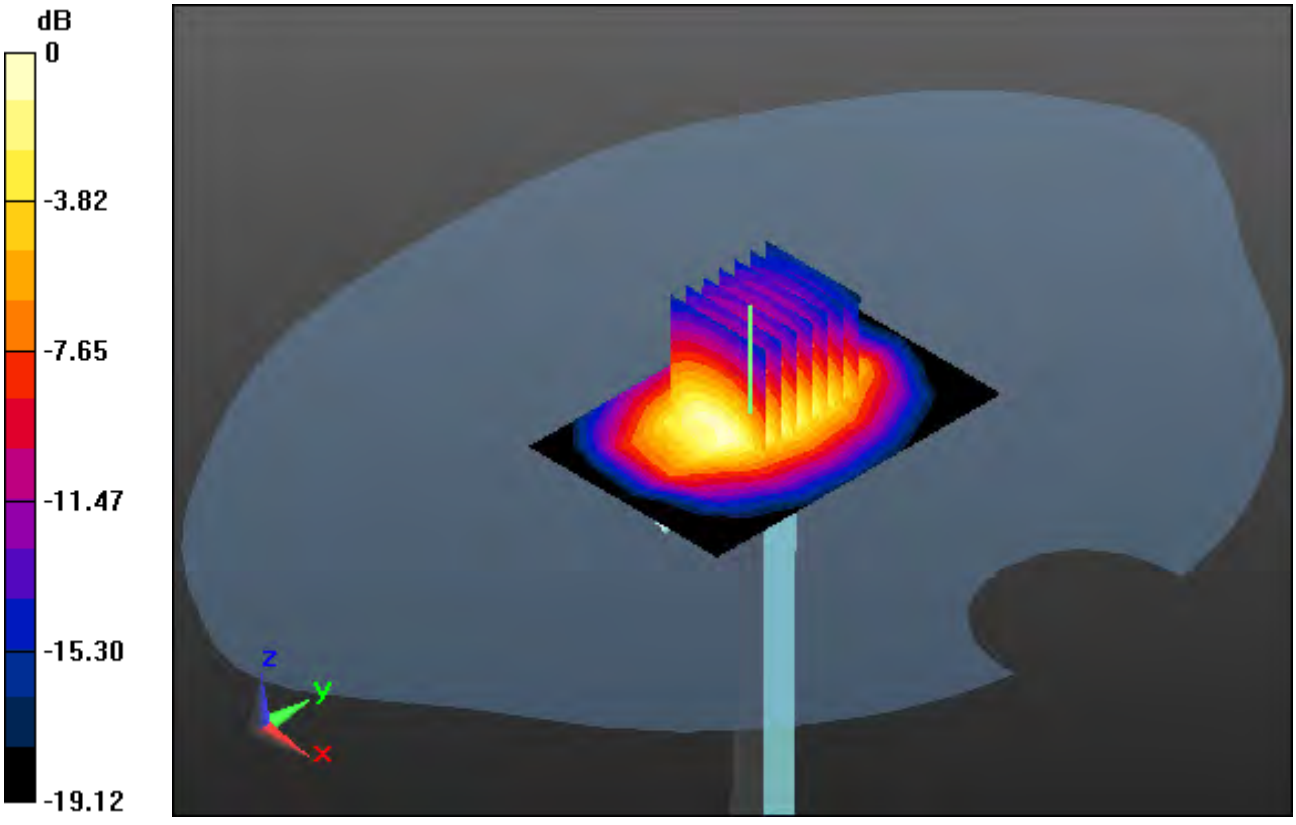
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.539 S/m; ε_r = 53.207; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-09; Ambient Temp: 21.8; Tissue Temp: 21.5

1900 MHz System Body Verification (100 mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 6.96 W/kg
SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.19 W/kg



0 dB = 4.22 W/kg

DT&C Co., Ltd.

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

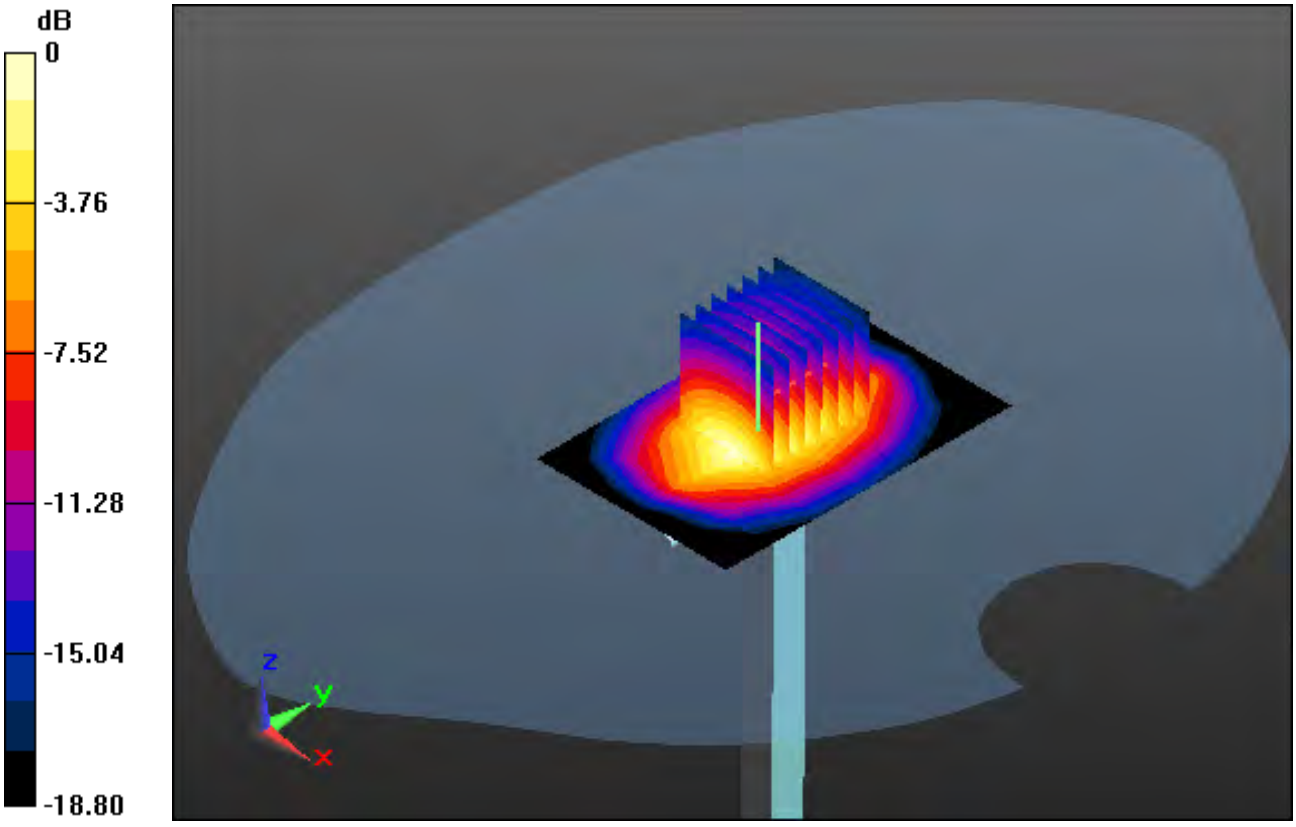
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.426 S/m; ε_r = 40.199; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-11; Ambient Temp: 21.8; Tissue Temp: 22.2

1900 MHz System Head Verification (100 mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 5.97 W/kg
SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.08 W/kg



0 dB = 3.08 W/kg

DT&C Co., Ltd.

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

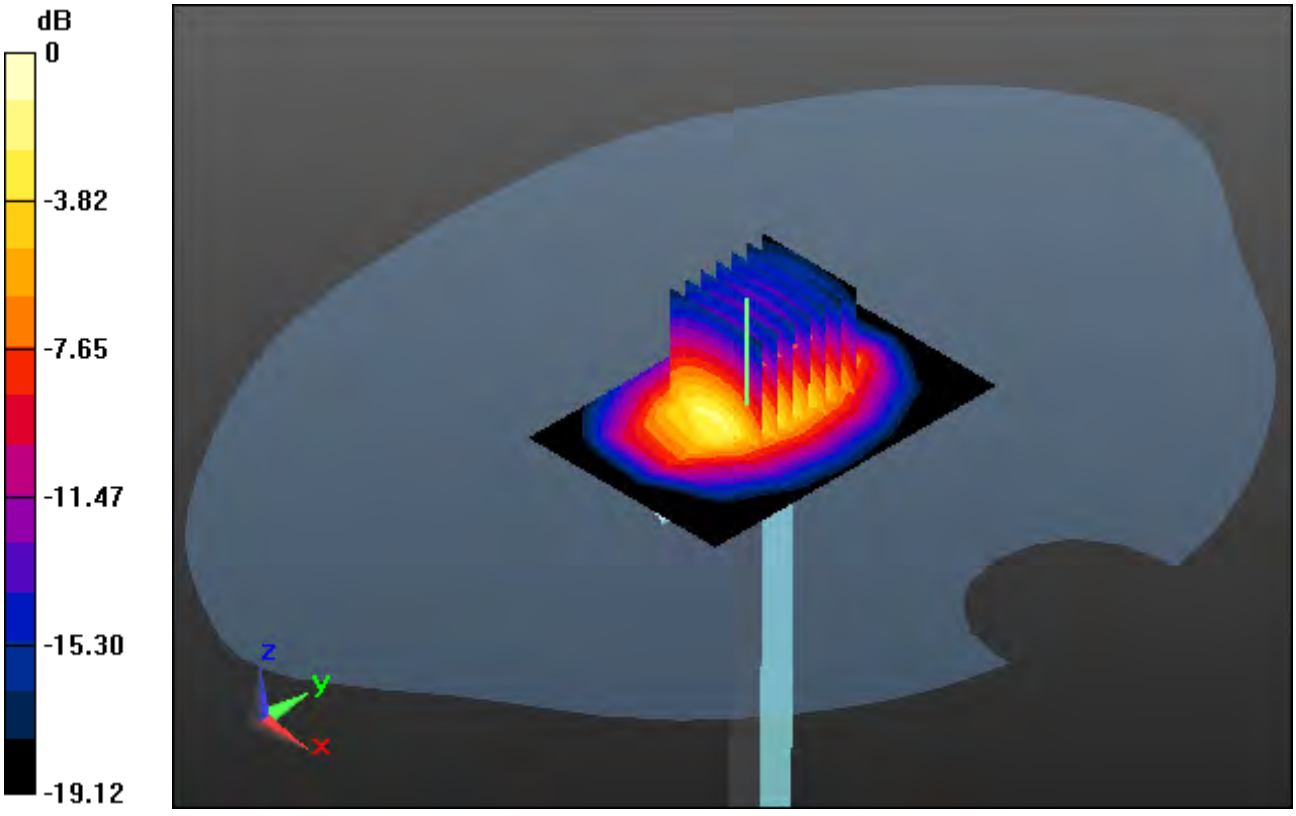
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.543 S/m; ε_r = 53.85; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-11; Ambient Temp: 21.8; Tissue Temp: 22.4

1900 MHz System Body Verification (100 mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 6.76 W/kg
SAR(1 g) = 4.23 W/kg; SAR(10 g) = 2.25 W/kg



0 dB = 4.42 W/kg

DT&C Co., Ltd.

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

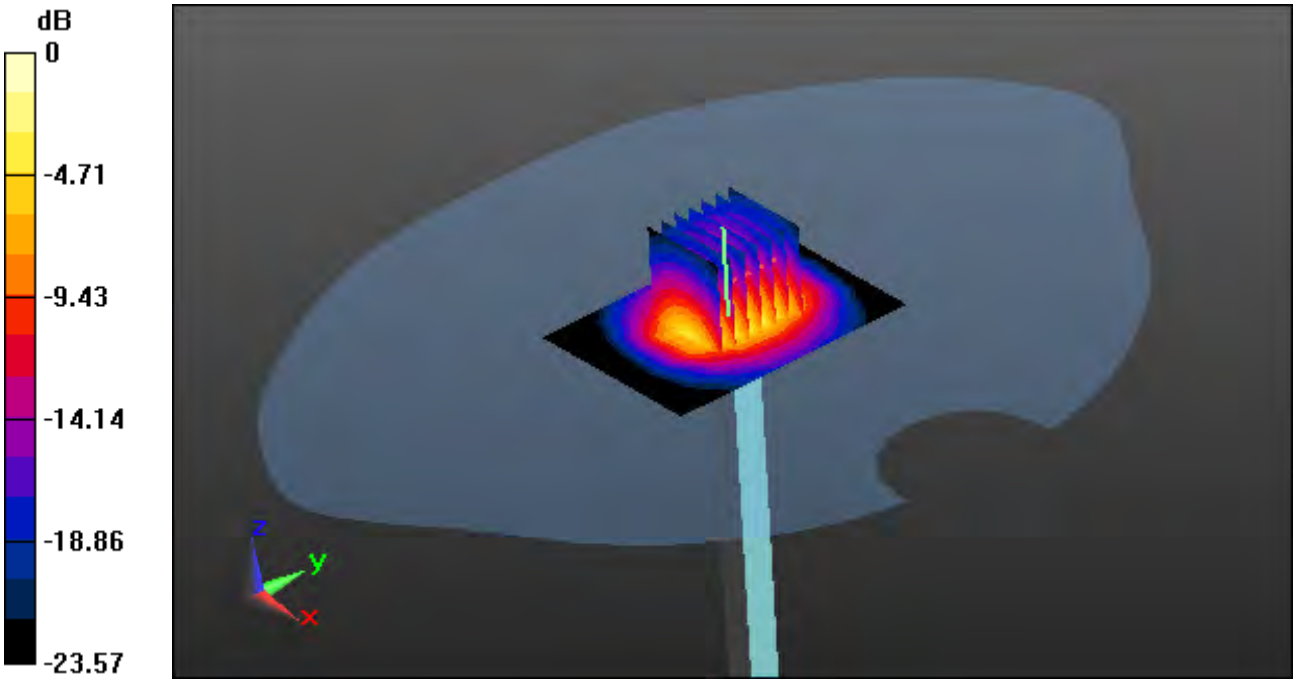
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.762 S/m; ε_r = 38.598; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

2450 MHz System Head Verification (100 mW)

Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 10.4 W/kg
SAR(1 g) = 4.93 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 7.62 W/kg

DT&C Co., Ltd.

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

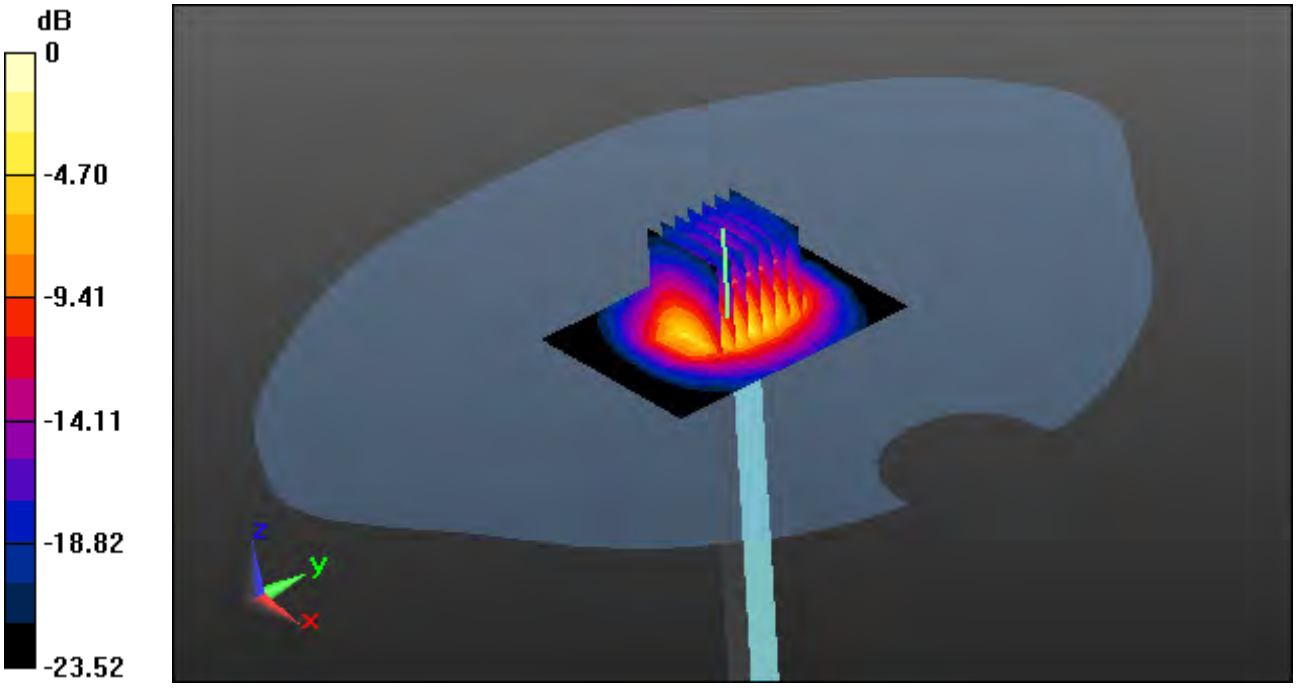
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.897 S/m; ε_r = 50.832; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

2450 MHz System Body Verification (100 mW)

Area Scan (6x8x1): Measurement 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) = 10.9 W/kg
SAR(1 g) = 5.24 W/kg; SAR(10 g) = 2.35 W/kg



0 dB = 8.07 W/kg

DT&C Co., Ltd.

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

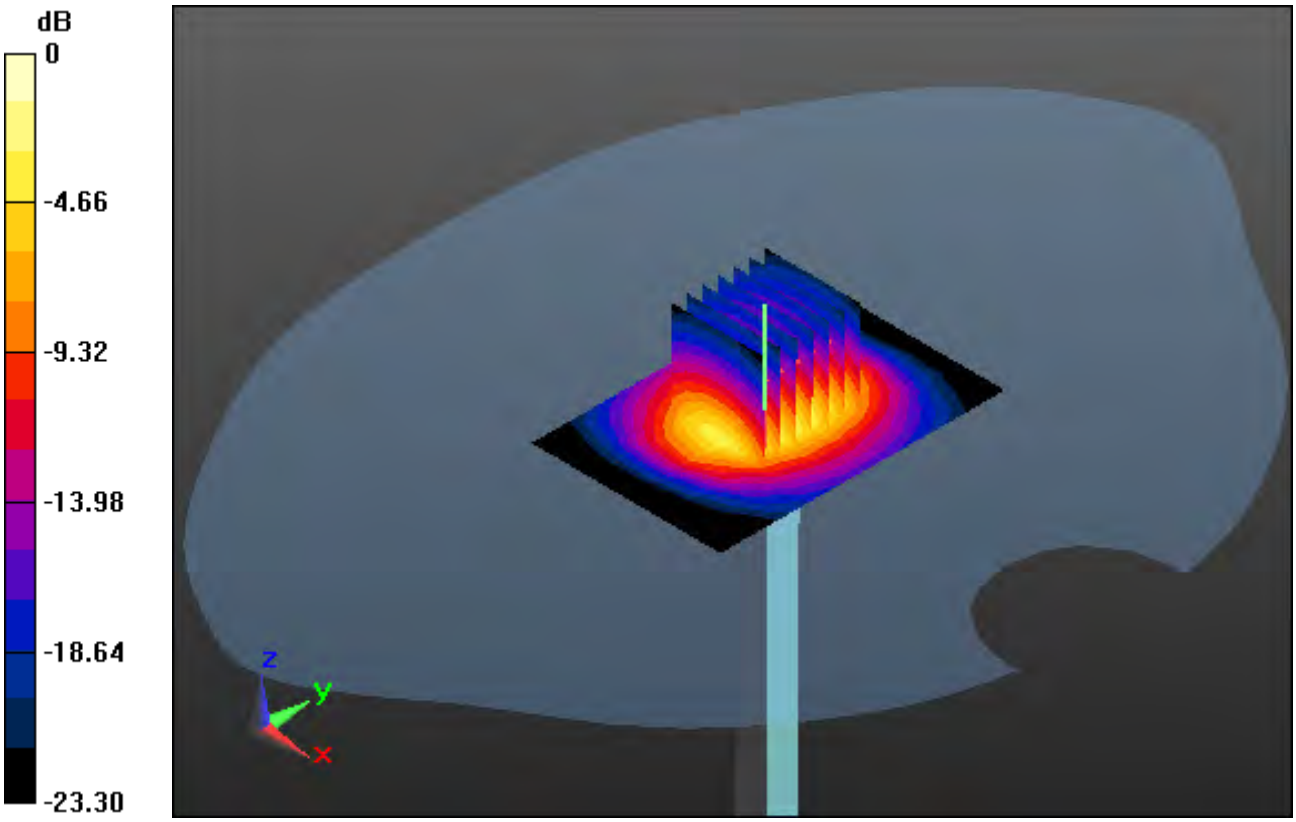
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.023 S/m; ε_r = 39.554; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.58, 4.58, 4.58); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-02; Ambient Temp: 21.1; Tissue Temp: 20.8

2600 MHz System Head Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 11.13 W/kg
SAR(1 g) = 5.69 W/kg; SAR(10 g) = 2.54 W/kg



0 dB = 8.79 W/kg

DT&C Co., Ltd.

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

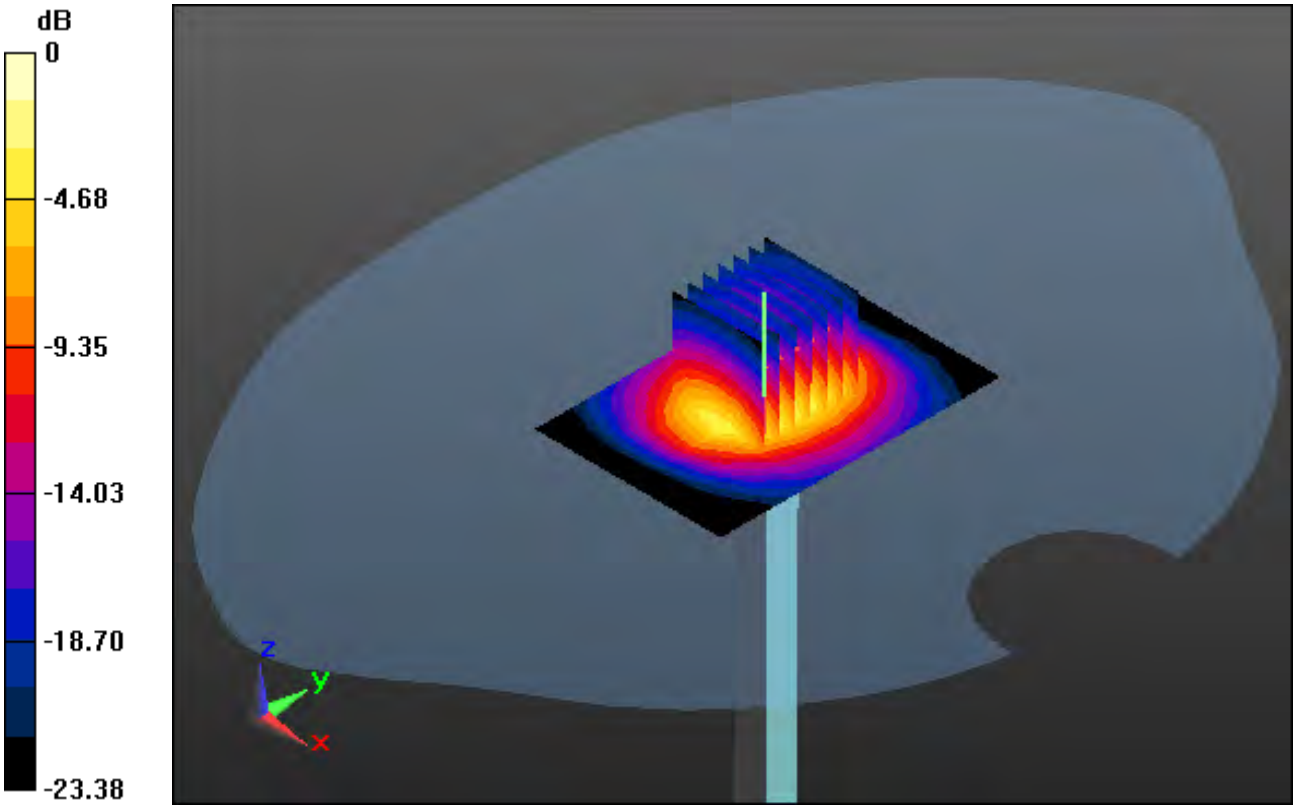
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.159 S/m; ε_r = 51.426; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-03; Ambient Temp: 21.3; Tissue Temp: 21.6

2600 MHz System Body Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 5.25 W/kg; SAR(10 g) = 2.32 W/kg



0 dB = 7.98 W/kg

DT&C Co., Ltd.

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

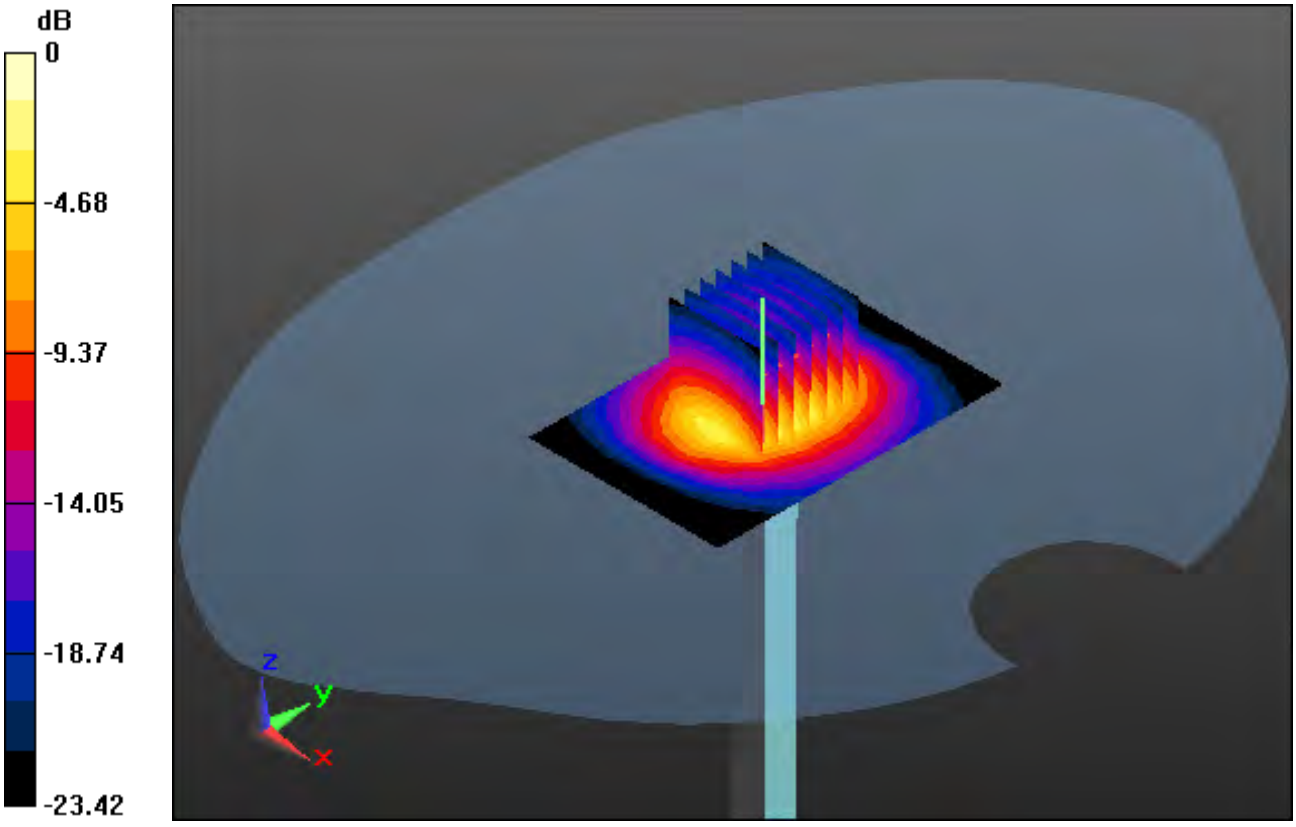
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.153 S/m; ε_r = 51.285; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-16; Ambient Temp: 21.3; Tissue Temp: 21.0

2600 MHz System Body Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 12.3 W/kg
SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.38 W/kg



0 dB = 8.14 W/kg

DT&C Co., Ltd.

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

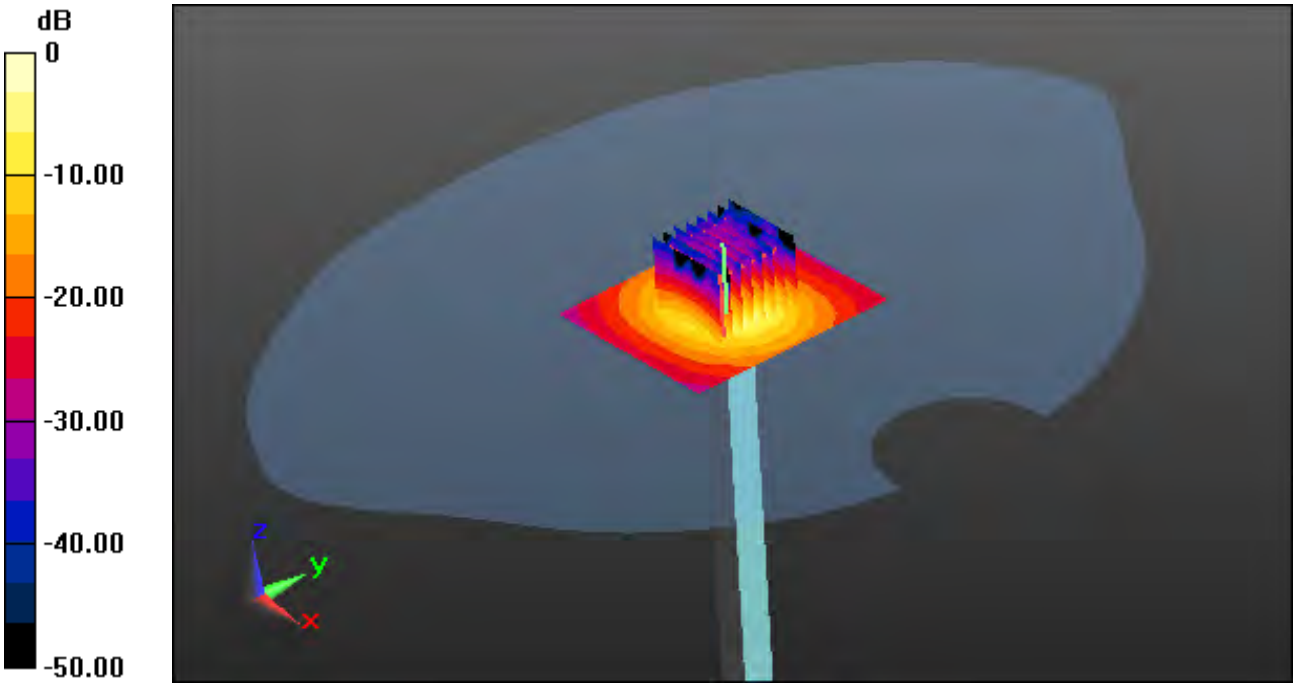
Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.128 S/m; ε_r = 49.895; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-27; Ambient Temp: 20.9; Tissue Temp: 20.9

5200 MHz System Body Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 30.05 W/kg
SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.15 W/kg



0 dB = 17.93 W/kg

DT&C Co., Ltd.

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

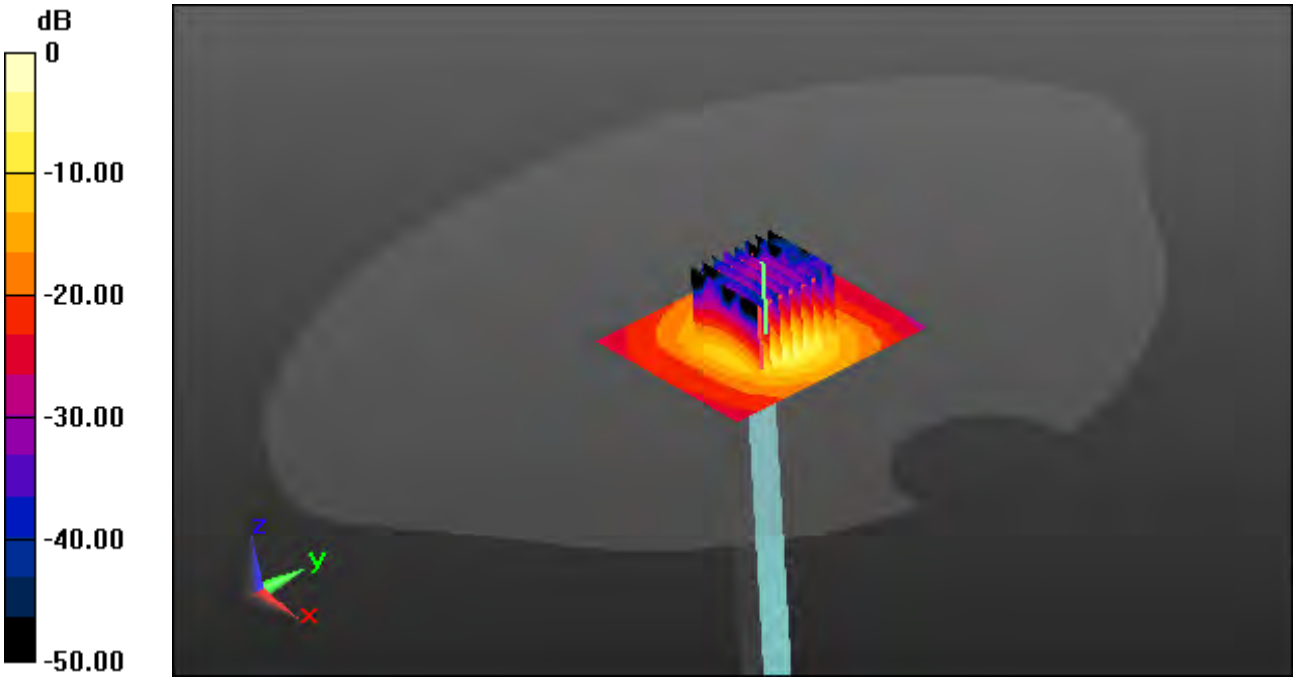
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.664 S/m; ε_r = 36.909; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.13, 5.13, 5.13); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-29; Ambient Temp: 21.1; Tissue Temp: 21.4

5300 MHz System Head Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graeded Ratio: 1.4
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 37.5 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.22 W/kg



0 dB = 17.4 W/kg

DT&C Co., Ltd.

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

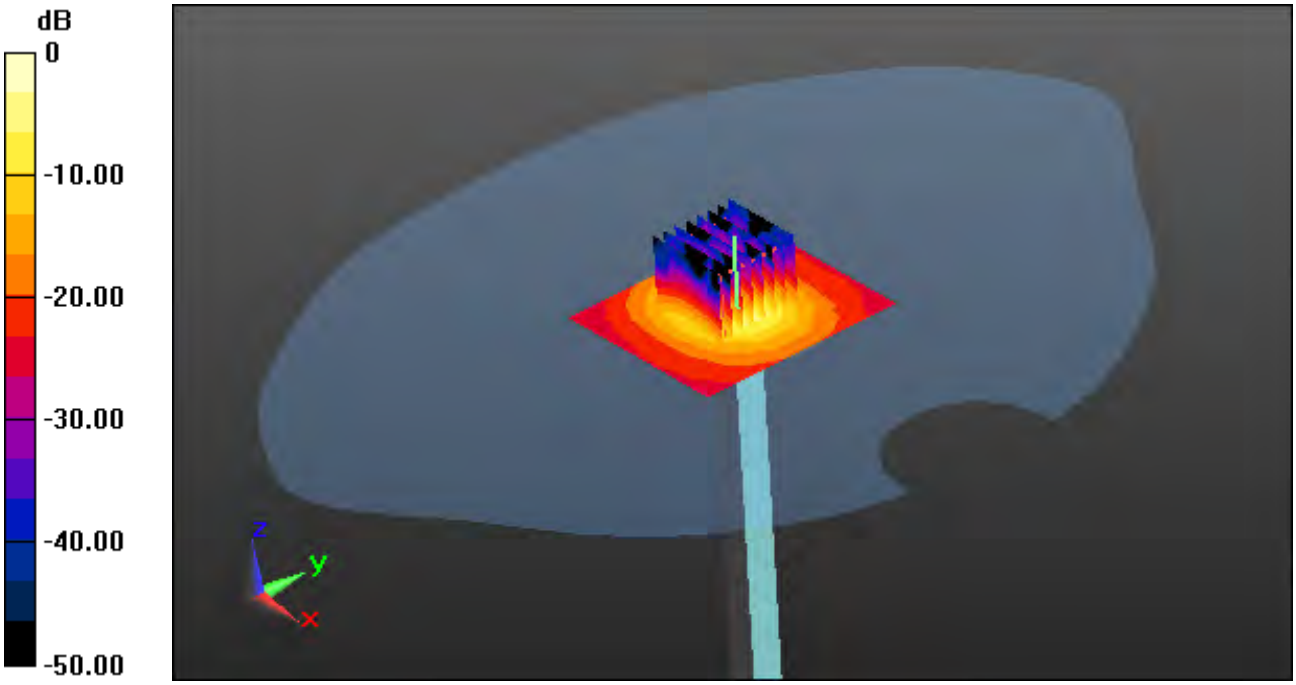
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.249 S/m; ε_r = 49.614; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-28; Ambient Temp: 21.1; Tissue Temp: 20.7

5300 MHz System Body Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 31.28 W/kg
SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.05 W/kg



0 dB = 18.69 W/kg

DT&C Co., Ltd.

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

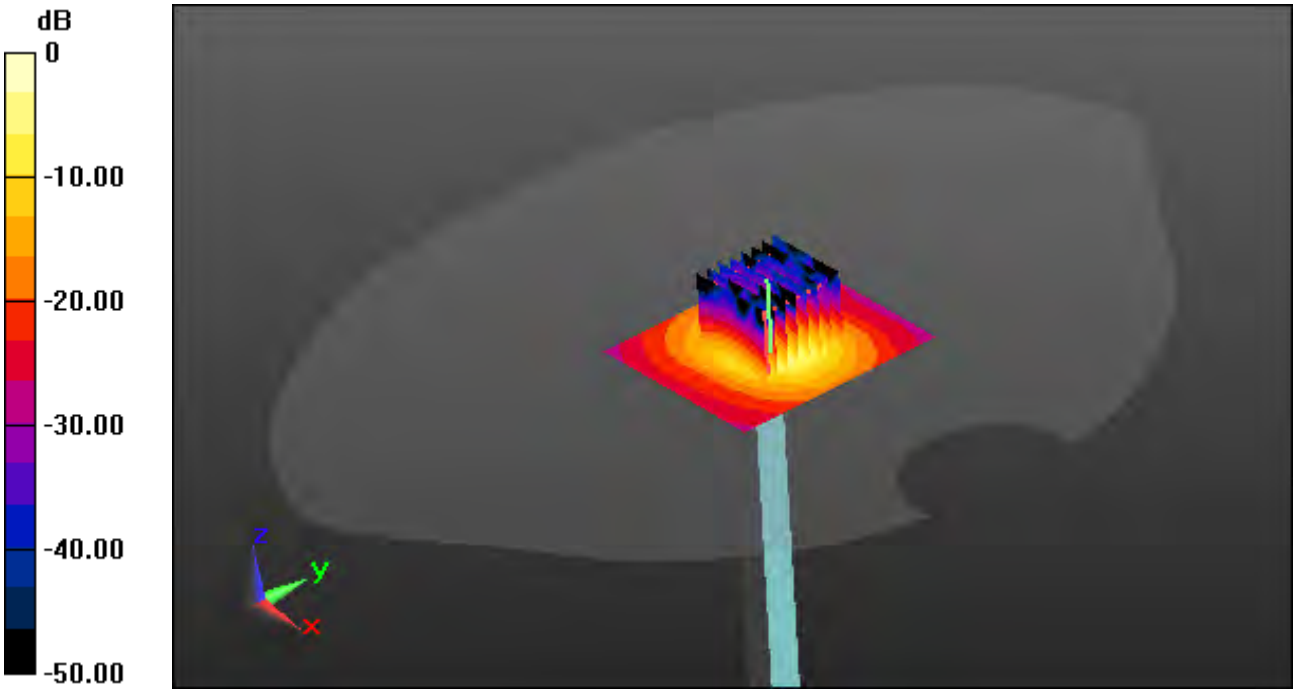
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.88 S/m; ε_r = 36.009; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.98, 4.98, 4.98); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-30; Ambient Temp: 21.5; Tissue Temp: 21.1

5500 MHz System Head Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.17 dB
Peak SAR (extrapolated) = 40.3 W/kg
SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.32 W/kg



0 dB = 21.7 W/kg

DT&C Co., Ltd.

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

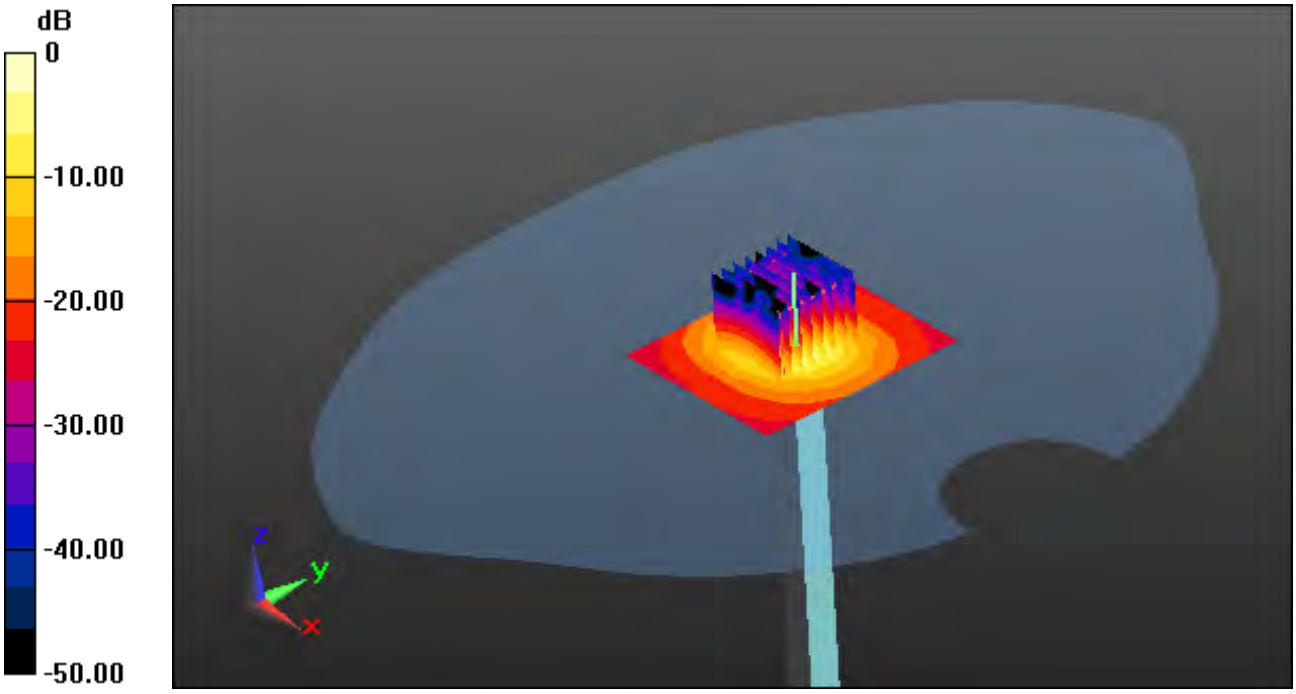
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.577 S/m; ε_r = 48.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(3.93, 3.93, 3.93); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-29; Ambient Temp: 21.2; Tissue Temp: 21.0

5500 MHz System Body Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 34.8 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.23 W/kg



0 dB = 19.26 W/kg

DT&C Co., Ltd.

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

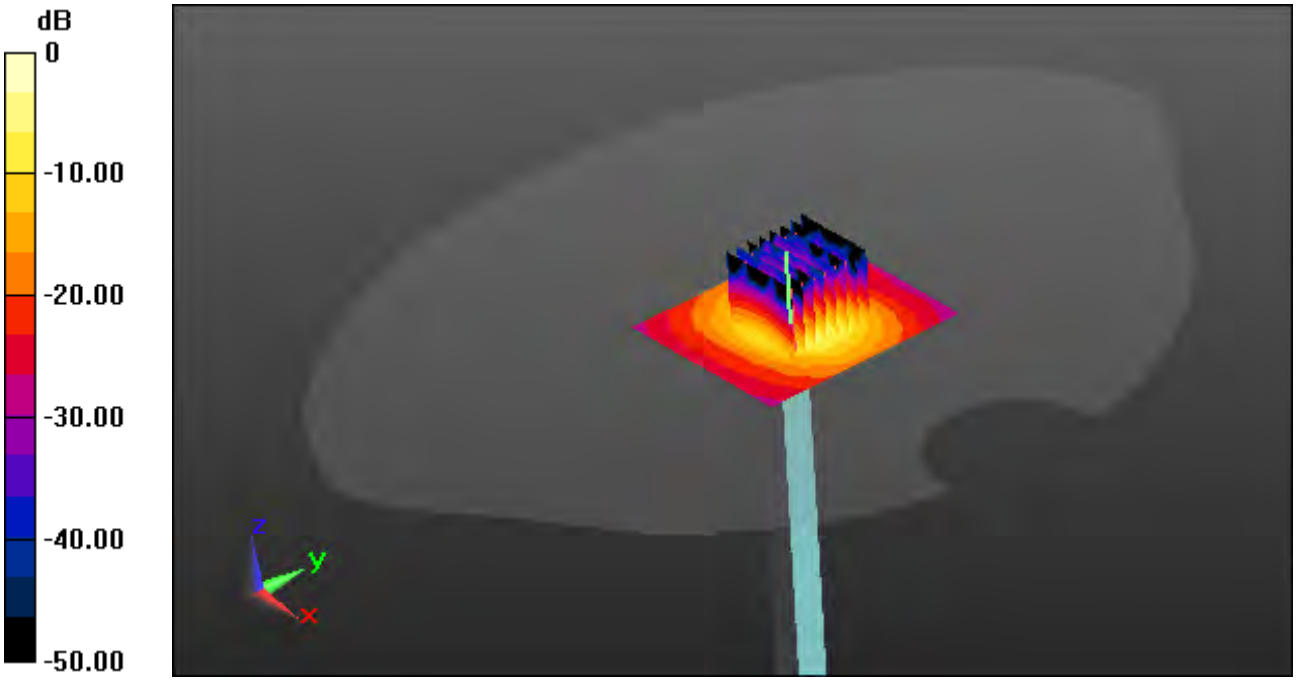
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.996 S/m; ε_r = 35.833; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.91, 4.91, 4.91); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-30; Ambient Temp: 21.5; Tissue Temp: 21.1

5600 MHz System Head Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 41.5 W/kg
SAR(1 g) = 8.41 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 22.3 W/kg

DT&C Co., Ltd.

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

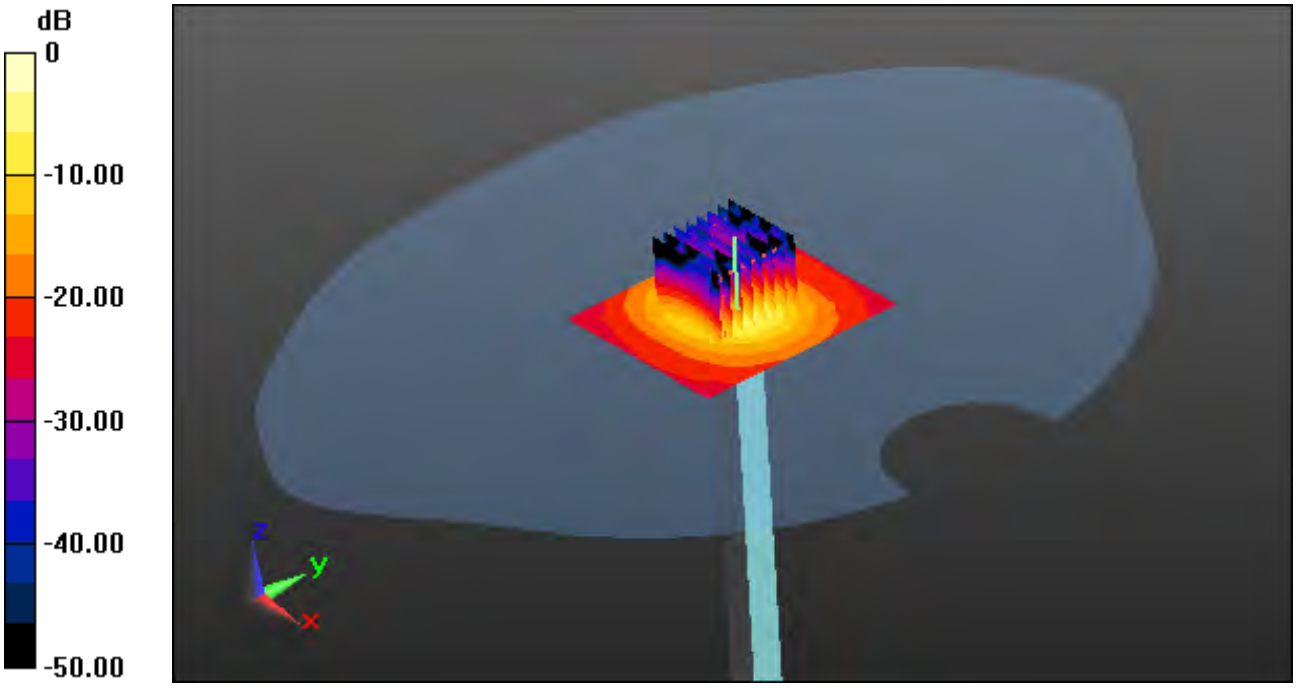
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.719 S/m; ε_r = 48.812; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-29; Ambient Temp: 21.2; Tissue Temp: 21.0

5600 MHz System Body Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
ReferPower Drift = 0.07 dB
Peak SAR (extrapolated) = 34.43 W/kg
SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.17 W/kg



0 dB = 19.31 W/kg

DT&C Co., Ltd.

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

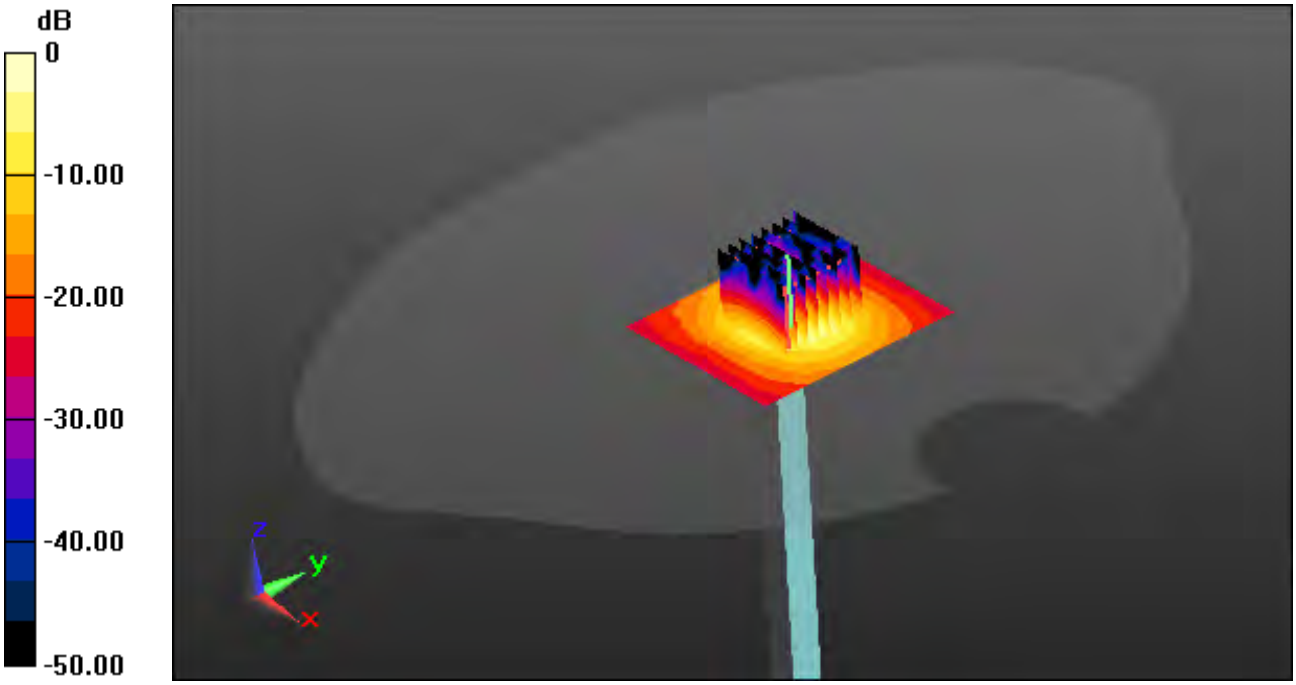
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.19 S/m; ε_r = 35.841; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-02; Ambient Temp: 21.8; Tissue Temp: 22.0

5800 MHz System Head Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 37.63 W/kg
SAR(1 g) = 8.16 W/kg; SAR(10 g) = 2.31 W/kg



0 dB = 17.04 W/kg

DT&C Co., Ltd.

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

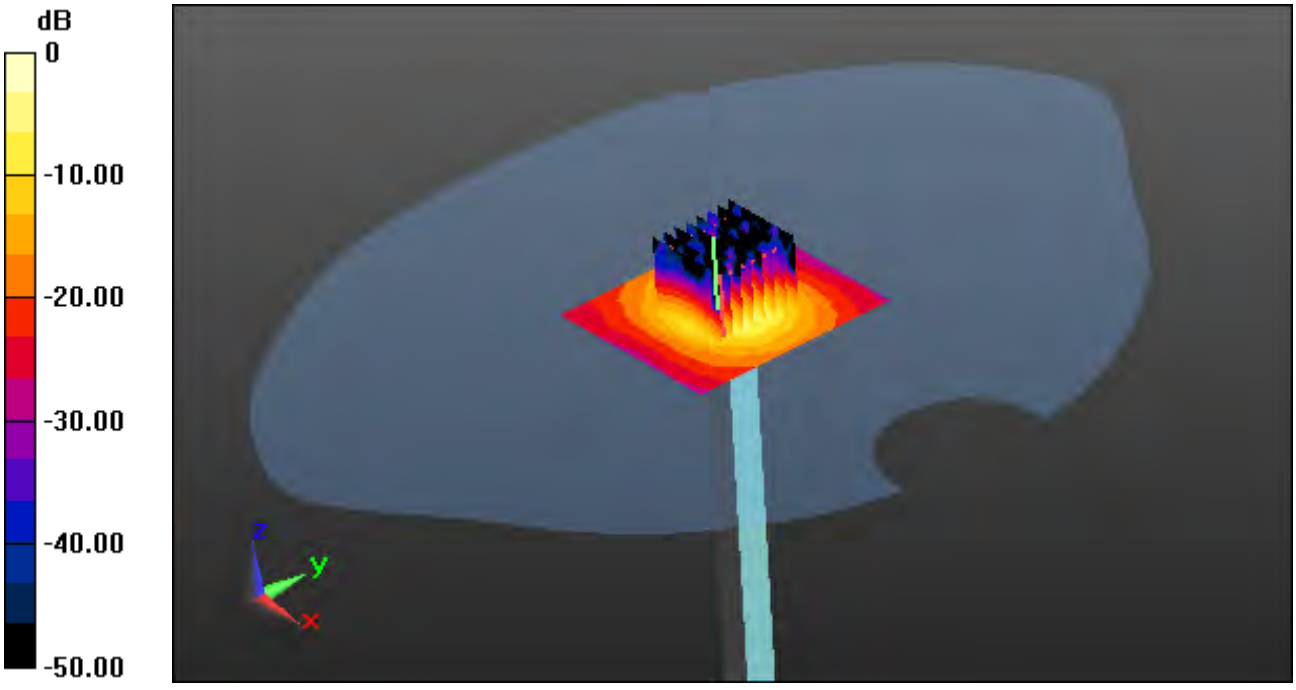
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.035 S/m; ε_r = 48.814; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-30; Ambient Temp: 21.0; Tissue Temp: 20.6

5800 MHz System Body Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 34.6 W/kg
SAR(1 g) = 7.44 W/kg; SAR(10 g) = 2.12 W/kg



0 dB = 18.61 W/kg

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

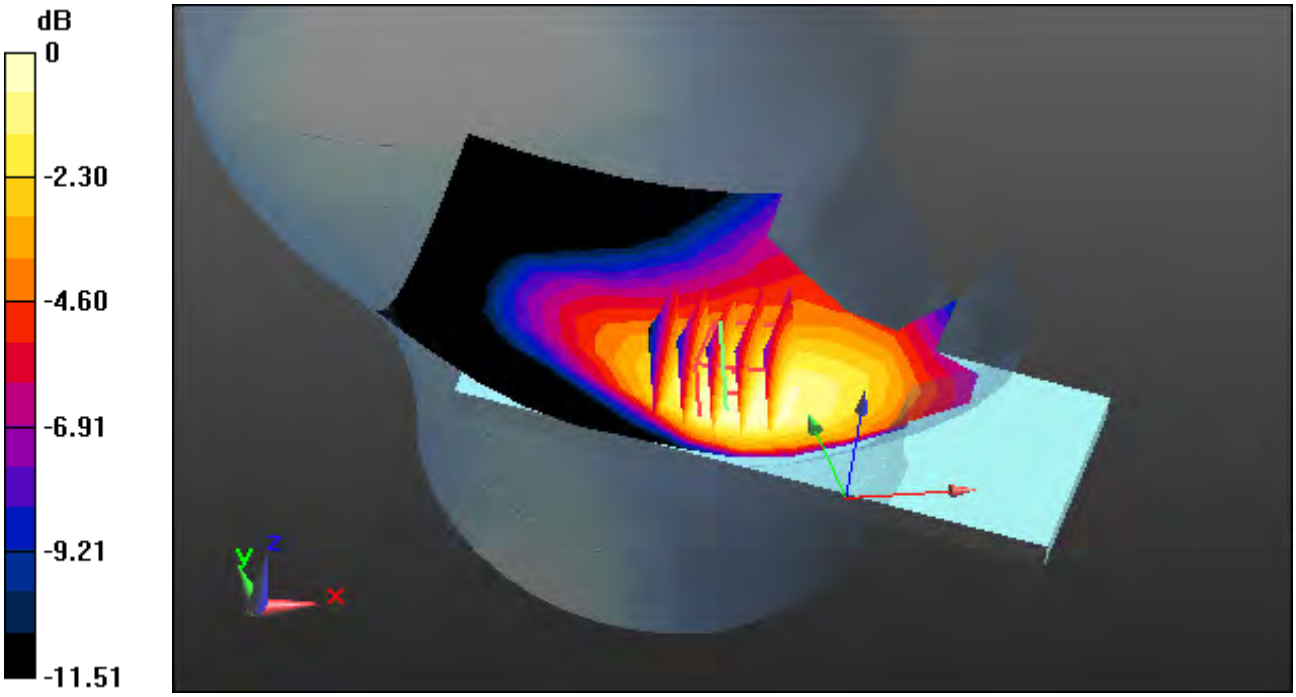
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.881 S/m; ε_r = 40.716; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.46, 6.46, 6.46); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

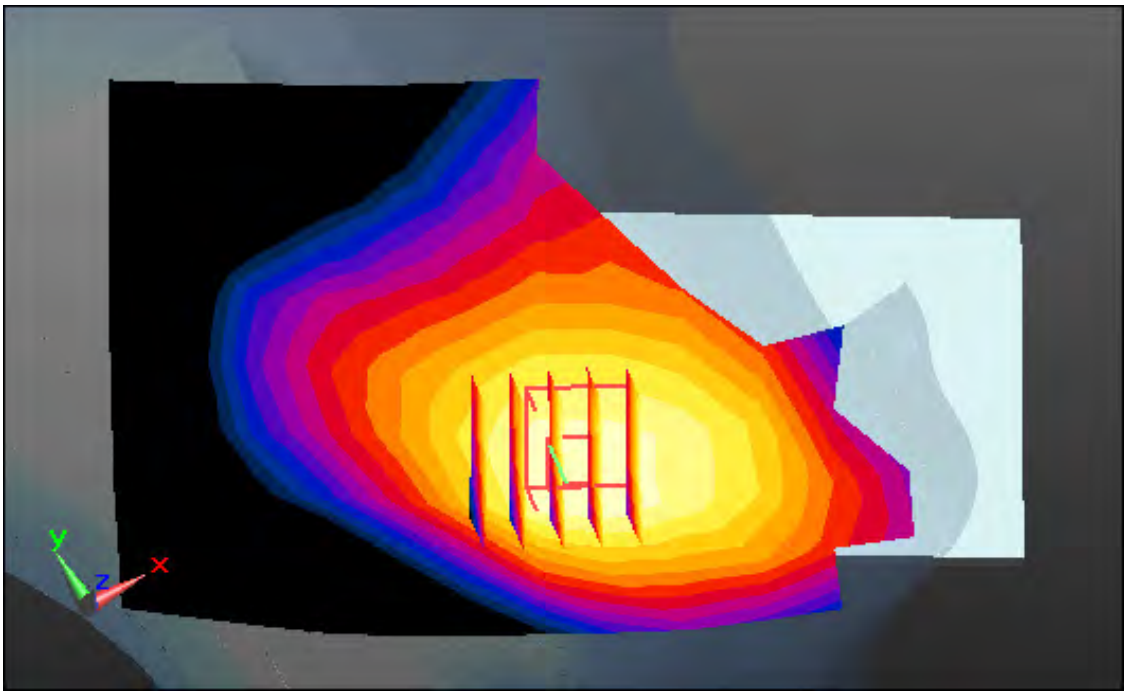
Test Date: 2019-09-04; Ambient Temp: 20.9; Tissue Temp: 21.4

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

Area Scan (9x15x1): Measurement 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) = 0.192 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.114 W/kg



0 dB = 0.164 W/kg



Enlarged Plot for A1

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

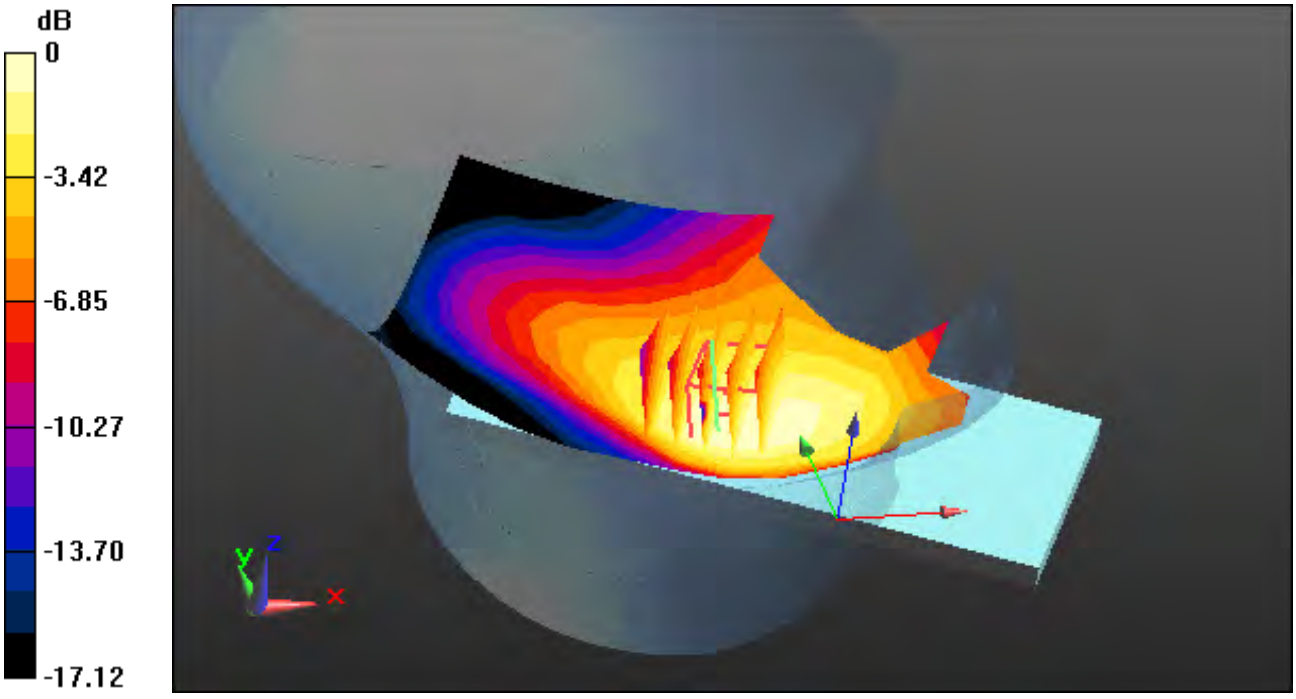
Communication System: UID 0, GSM 850_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.881 S/m; ε_r = 40.716; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.46, 6.46, 6.46); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

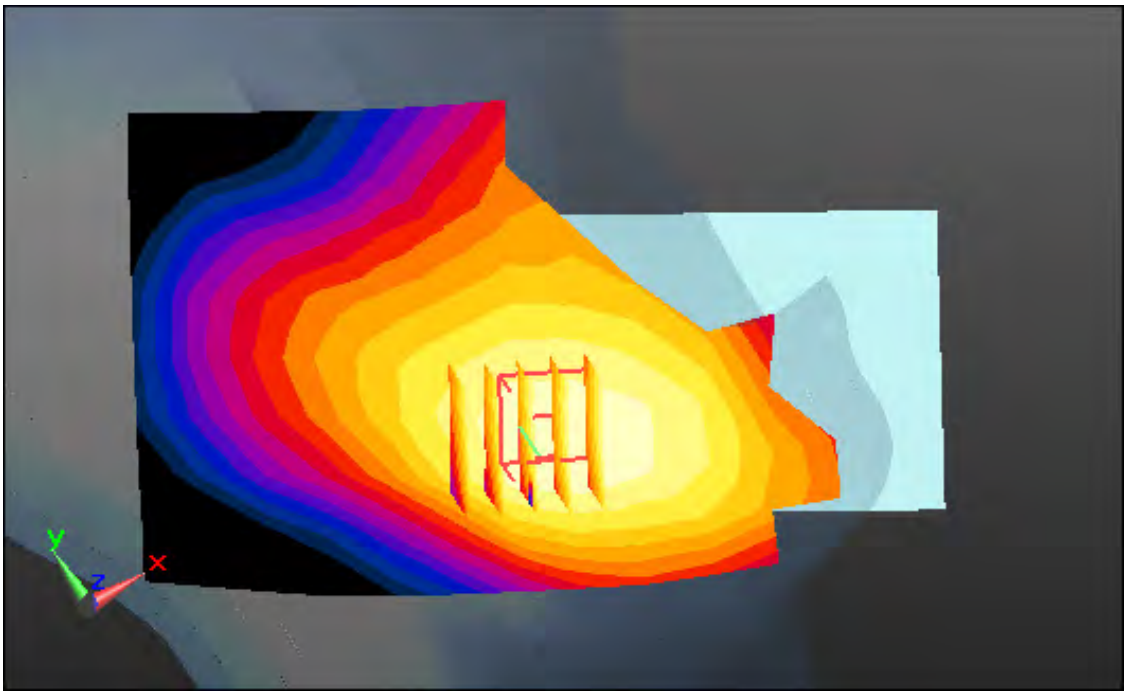
Test Date: 2019-09-04; Ambient Temp: 20.9; Tissue Temp: 21.4

Left Touch, GSM850 GPRS 3Tx Ch. 661, Ant Internal, Standard Battery

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.118 W/kg



0 dB = 0.169 W/kg



Enlarged Plot for A2

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

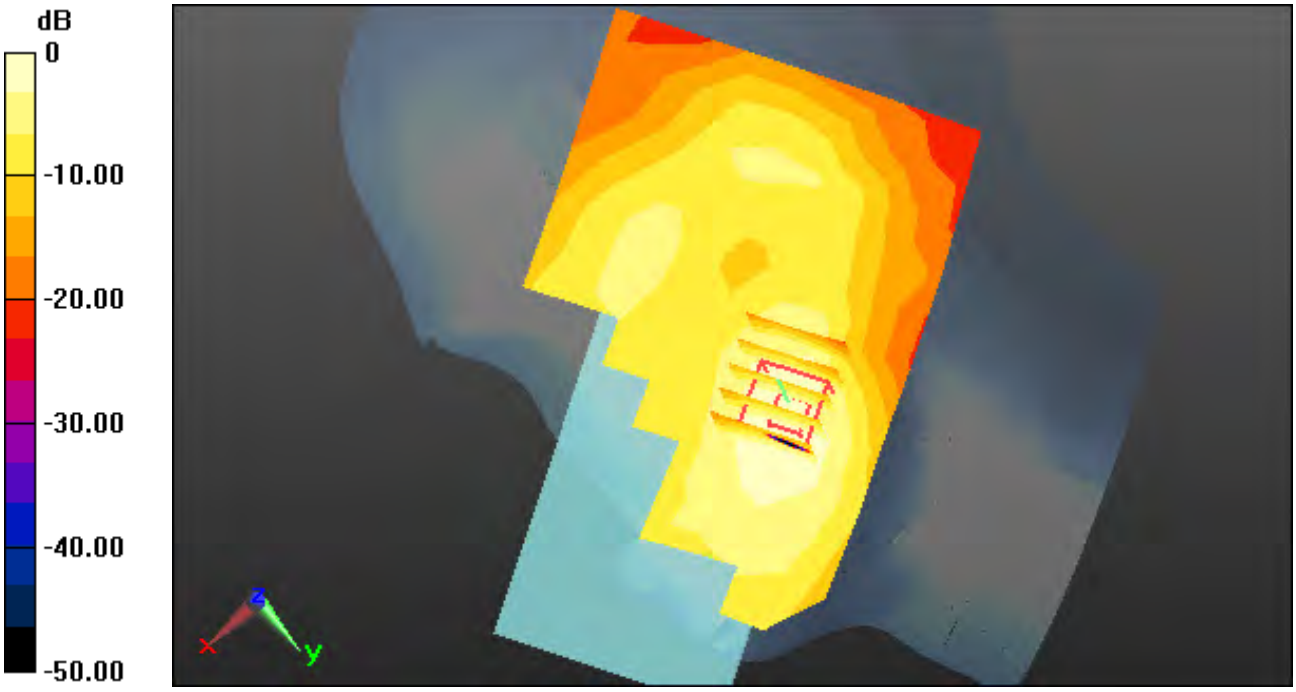
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.404 S/m; ε_r = 40.173; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

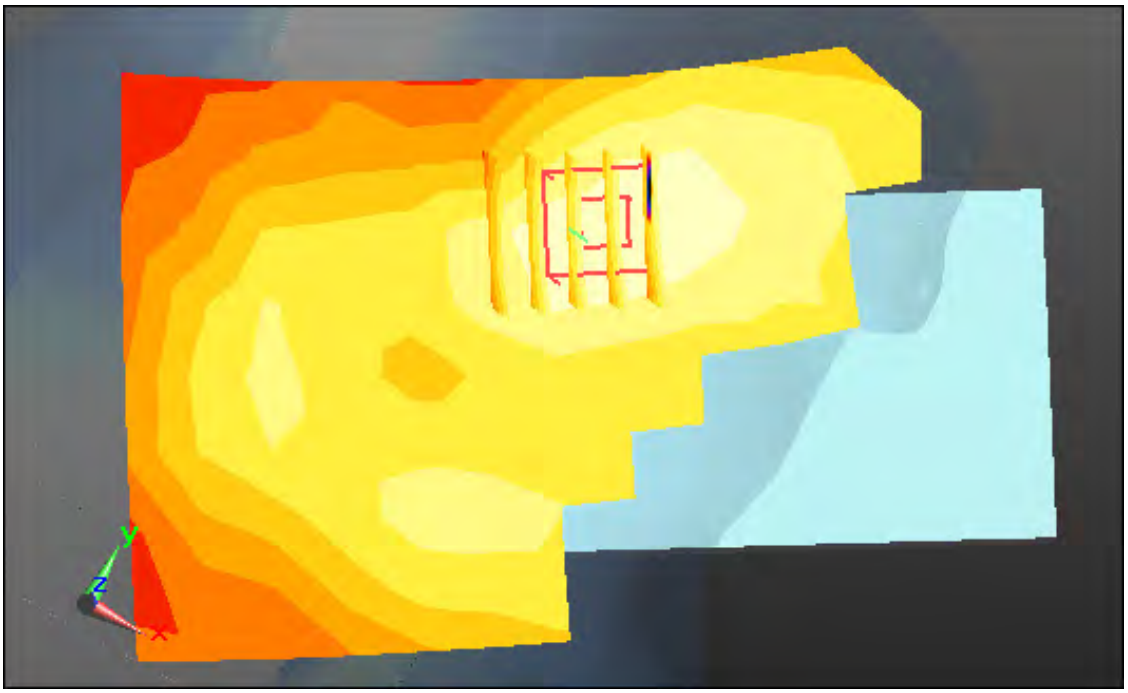
Test Date: 2019-09-05; Ambient Temp: 21.3; Tissue Temp: 21.6

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

Area Scan (9x15x1): Measurement 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) = 0.193 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.072 W/kg



0 dB = 0.143 W/kg



Enlarged Plot for A3

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

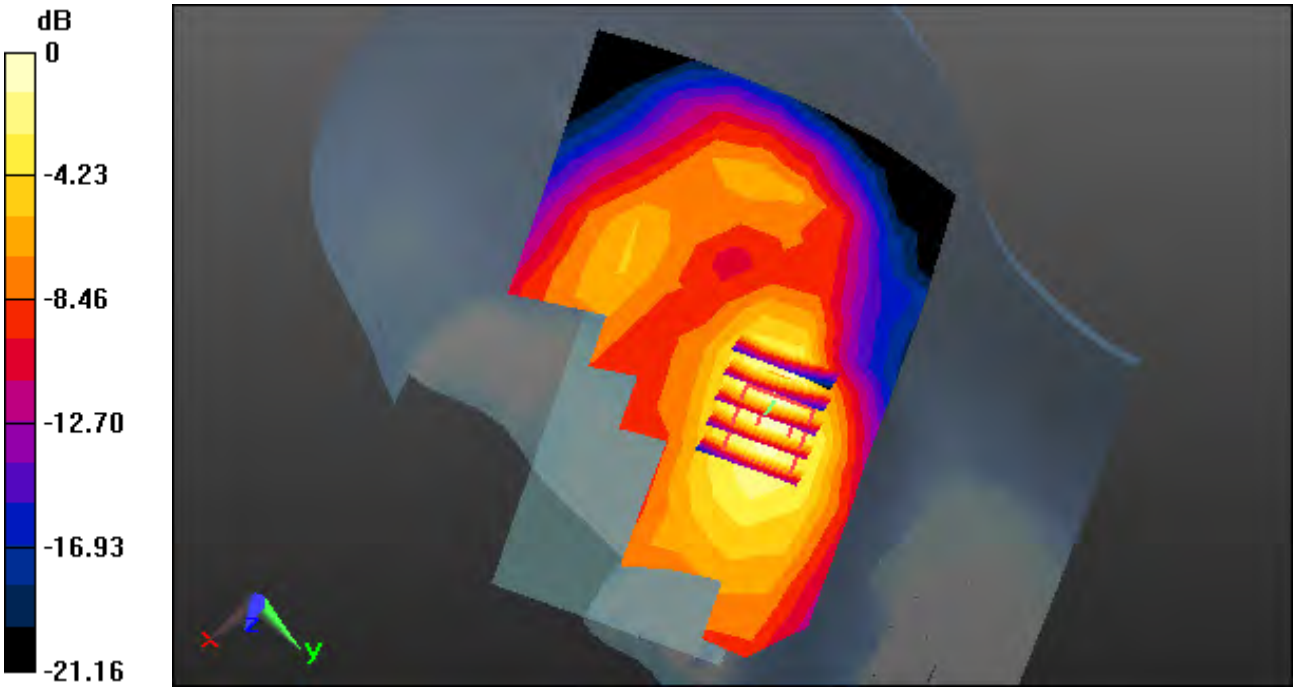
Communication System: UID 0, PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.404 S/m; ε_r = 40.173; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

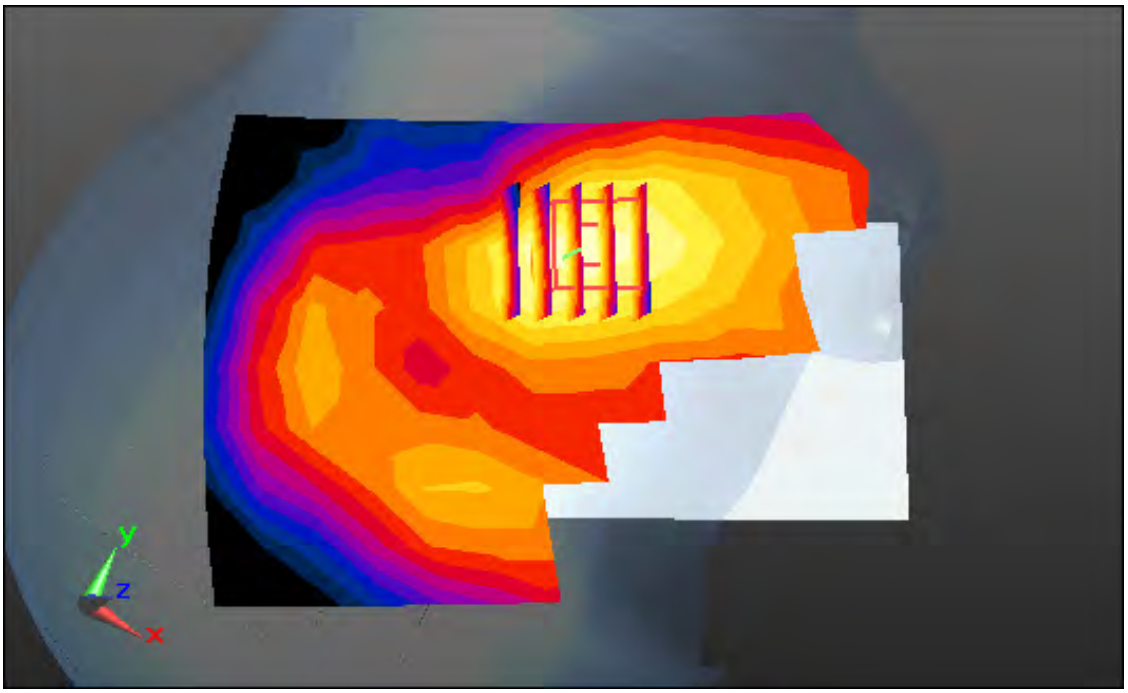
Test Date: 2019-09-05; Ambient Temp: 21.3; Tissue Temp: 21.6

Right Touch, PCS1900 GPRS 3Tx Ch. 661, Ant Internal, Standard Battery

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.121 W/kg



0 dB = 0.251 W/kg



Enlarged Plot for A4

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

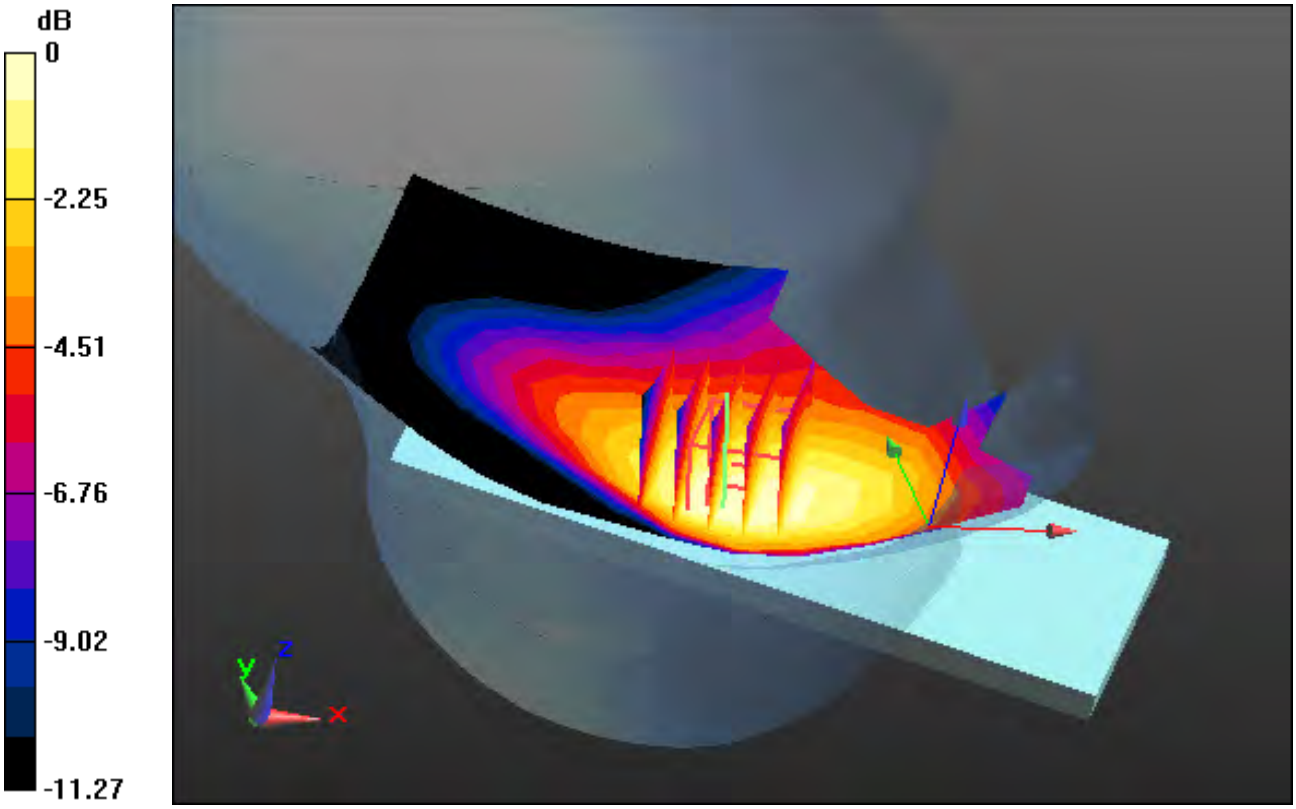
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.881 S/m; ε_r = 40.716; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.46, 6.46, 6.46); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

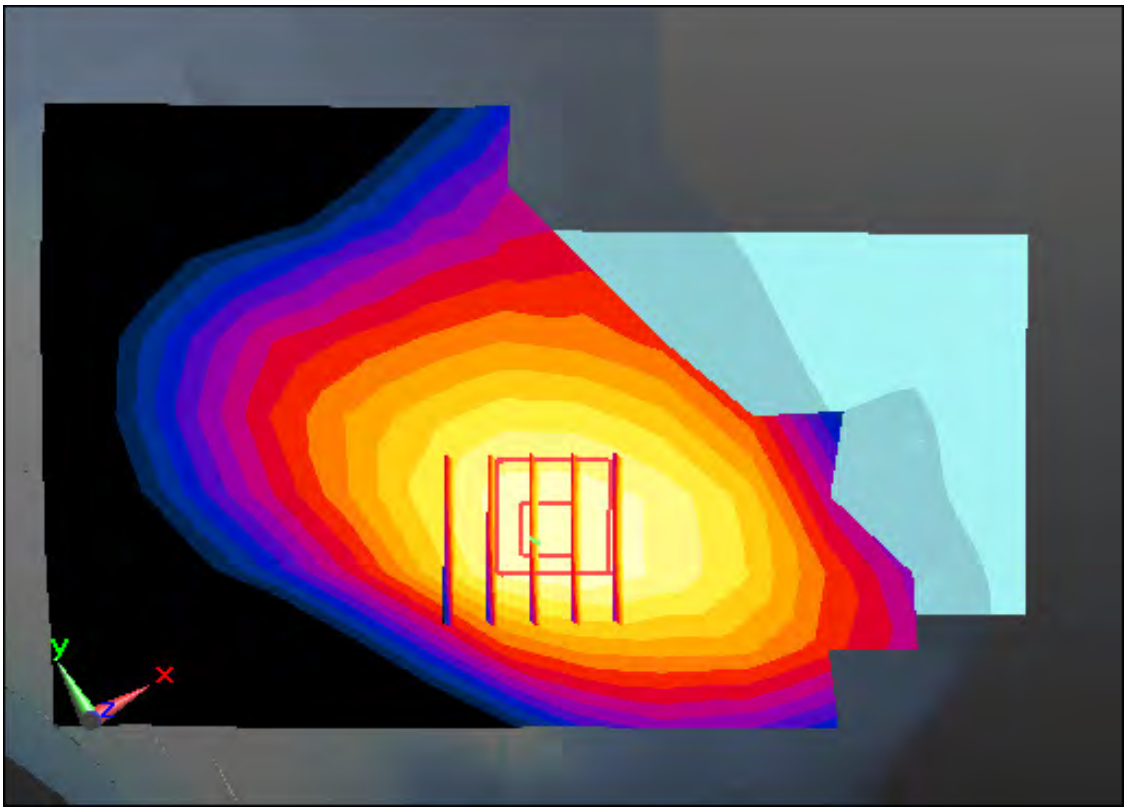
Test Date: 2019-09-04; Ambient Temp: 20.9; Tissue Temp: 21.4

Left Touch, WCDMA Band 5 Ch. 4183, Ant Internal, Standard Battery

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.145 W/kg



0 dB = 0.208 W/kg



Enlarged Plot for A5

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

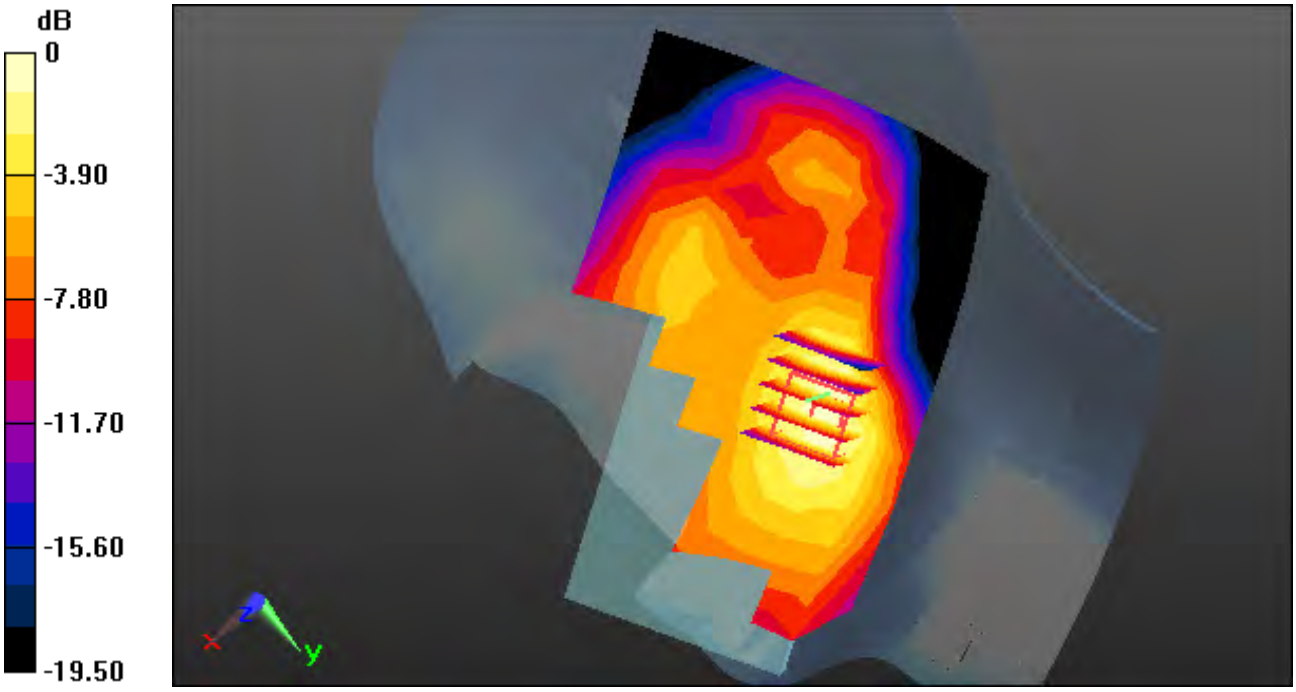
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.332 S/m; ε_r = 39.849; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.59, 5.59, 5.59); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

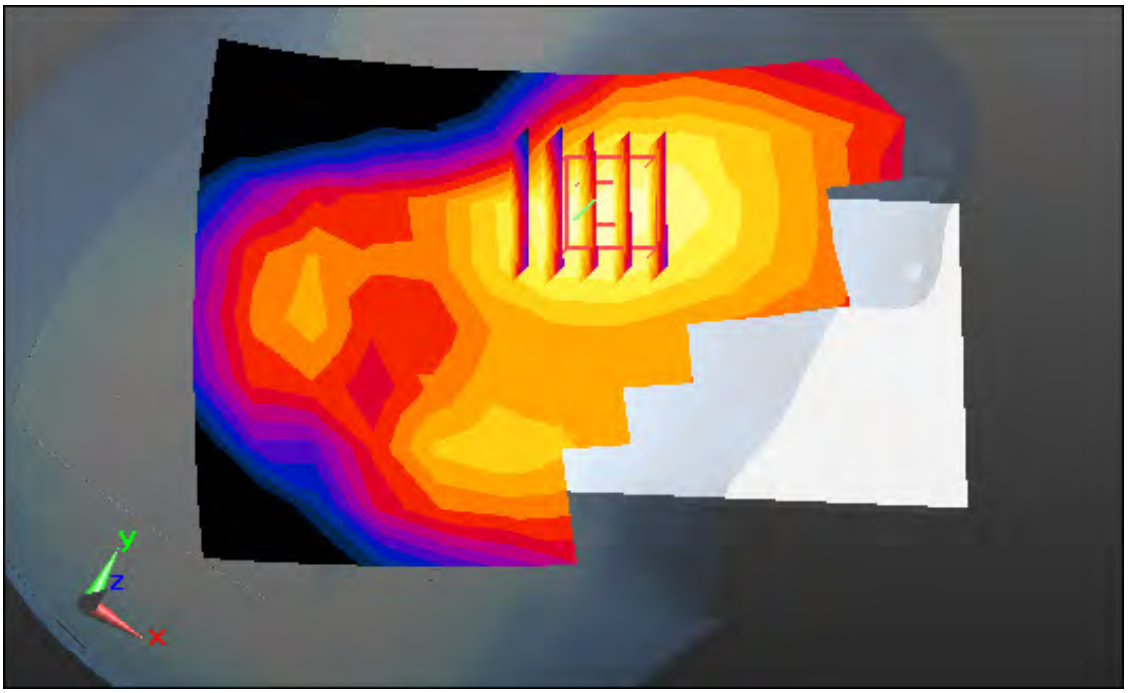
Test Date: 2019-09-10; Ambient Temp: 22.0; Tissue Temp: 21.7

Right Touch, WCDMA Band 4 Ch. 1412, Ant Internal, Standard Battery

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.083 W/kg



0 dB = 0.151 W/kg



Enlarged Plot for A6

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

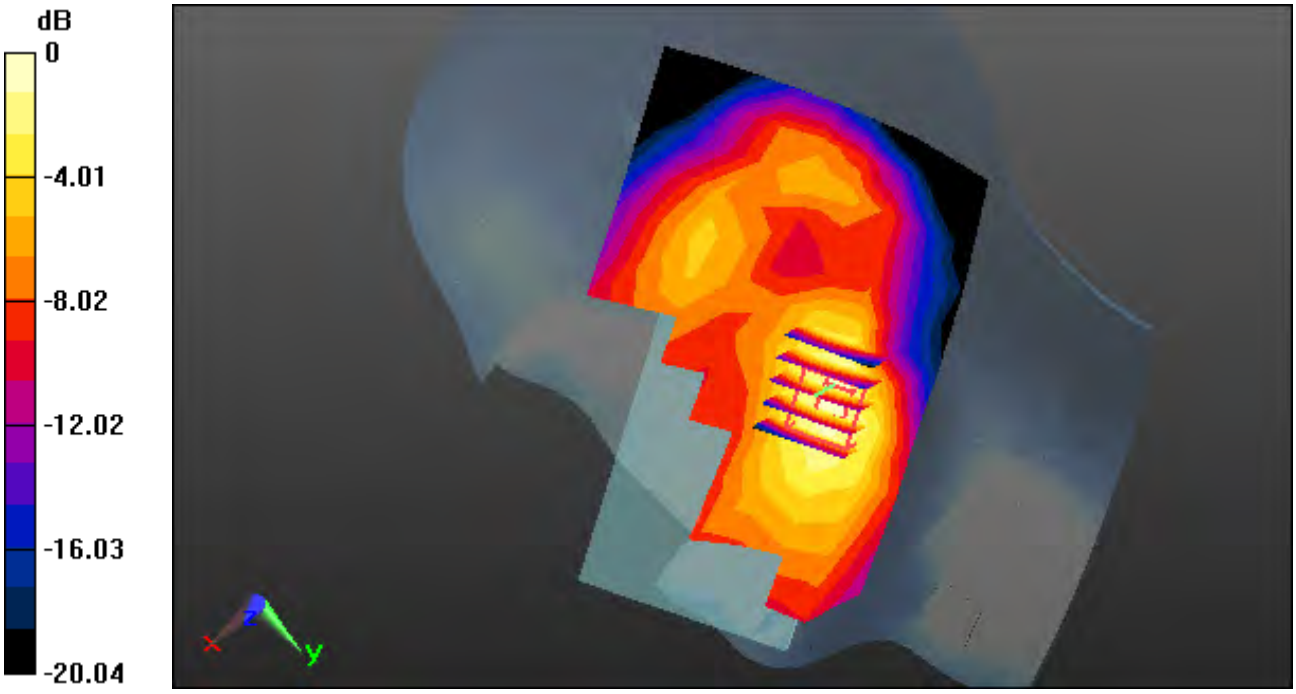
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.404 S/m; ε_r = 39.84; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

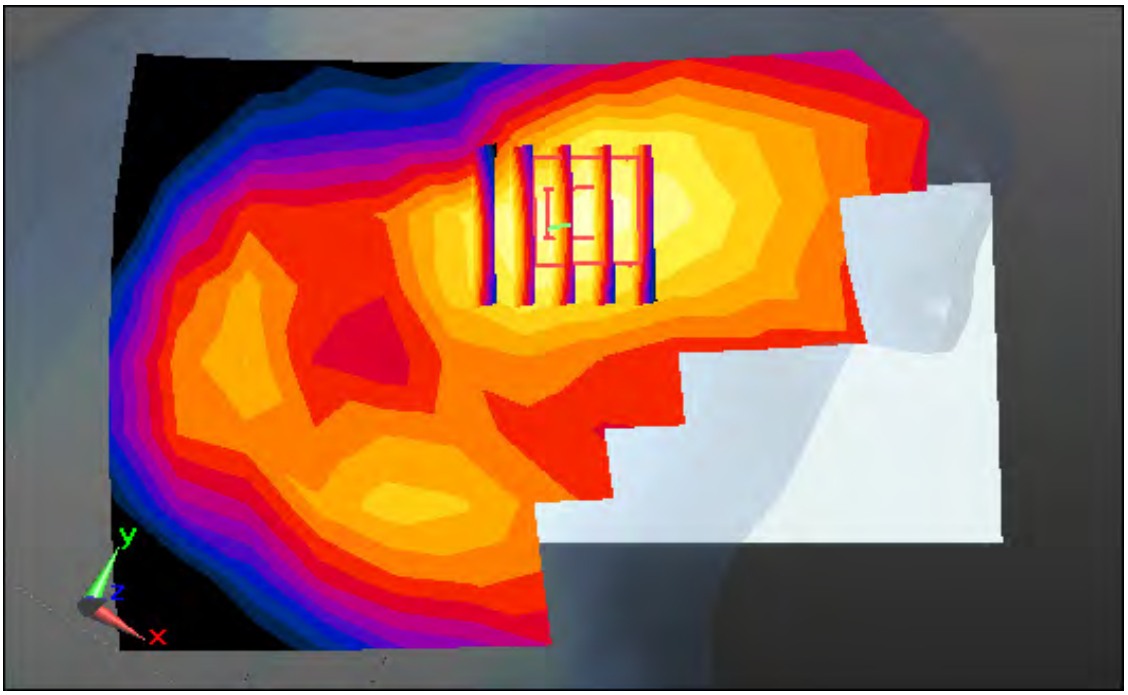
Test Date: 2019-09-09; Ambient Temp: 21.8; Tissue Temp: 21.6

Right Touch, WCDMA Band 2 Ch. 9400, Ant Internal, Standard Battery

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.097 W/kg



0 dB = 0.195 W/kg



Enlarged Plot for A7

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 12 (FCC) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.892 S/m; ε_r = 41.709; ρ = 1000 kg/m^3
Phantom section: Left Section

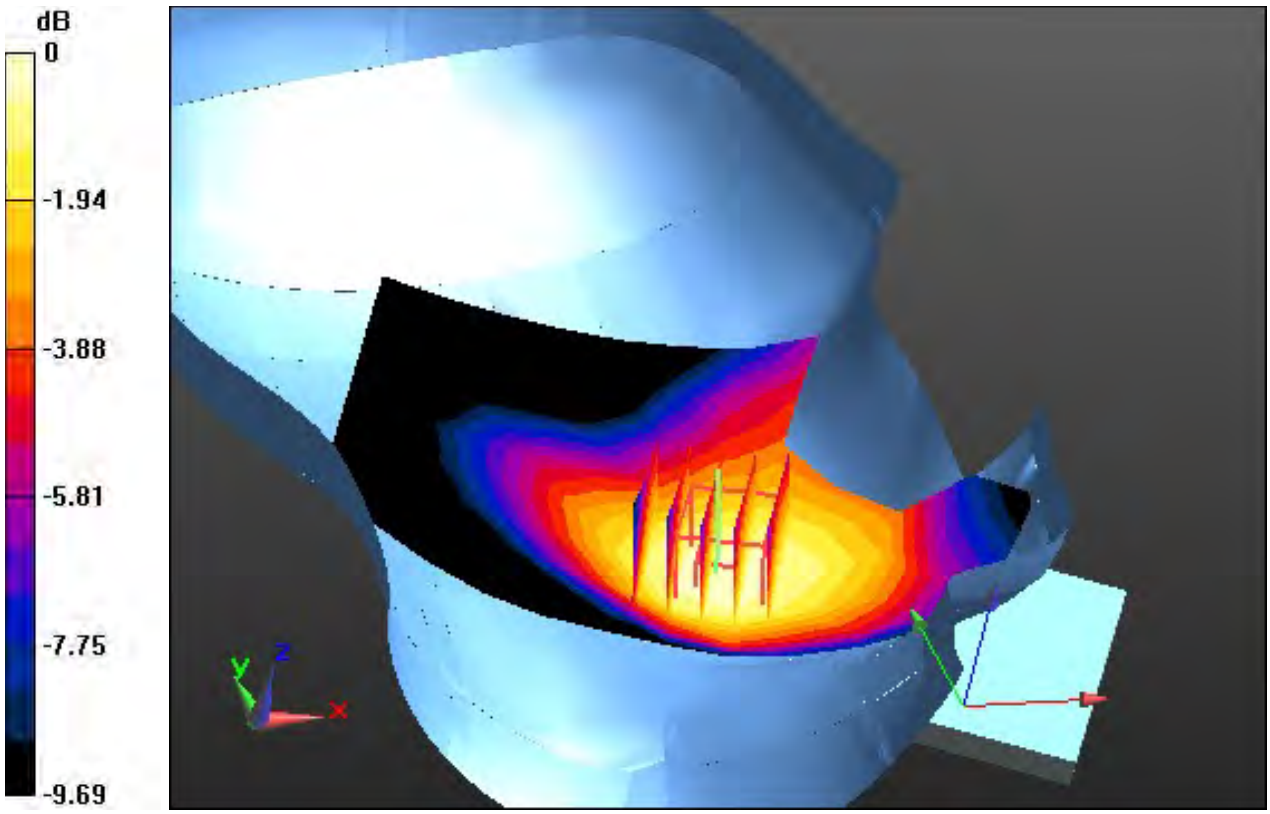
DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.53, 6.53, 6.53) @ 707.5 MHz; Calibrated: 2019-03-28
Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-09-19; Ambient Temp: 22.4; Tissue Temp: 22.2

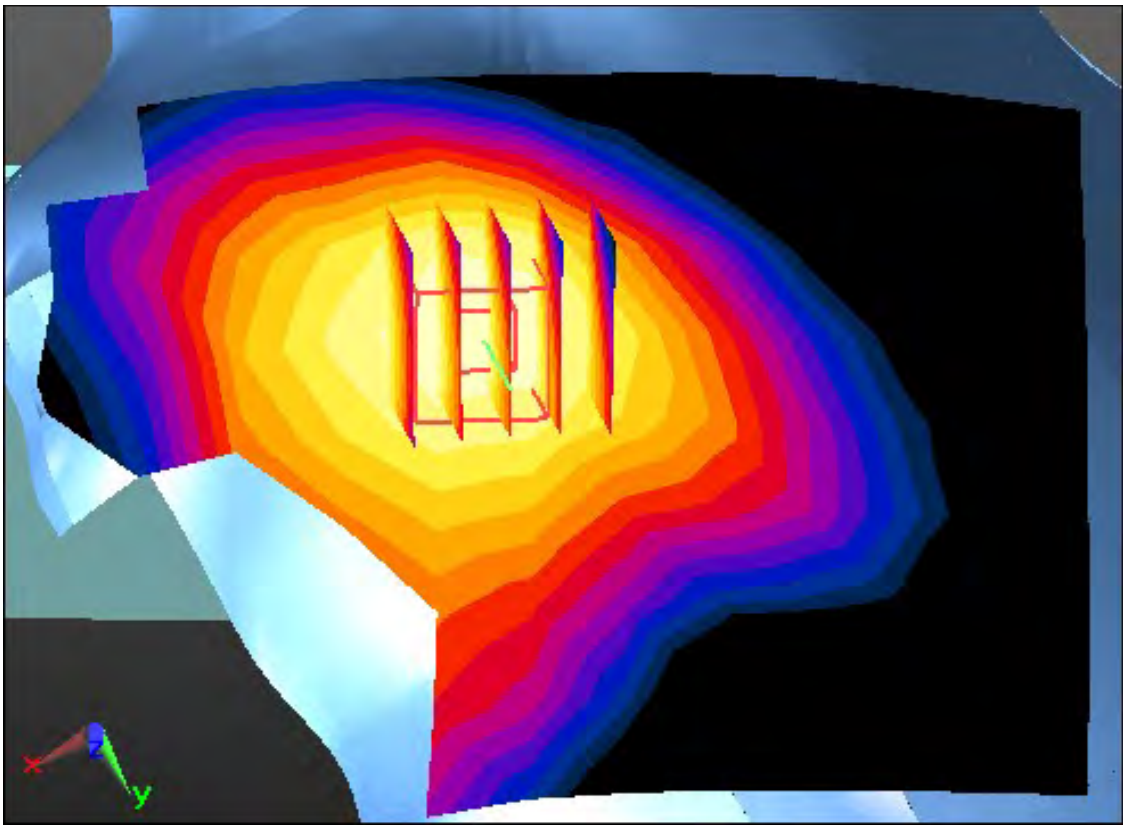
Left Touch, LTE Band 12 Ch. 23095, Ant Internal, Standard Battery

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.072 W/kg



0 dB = 0.0949 W/kg



Enlarged Plot for A8

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.906 S/m; ε_r = 42.413; ρ = 1000 kg/m^3
Phantom section: Left Section

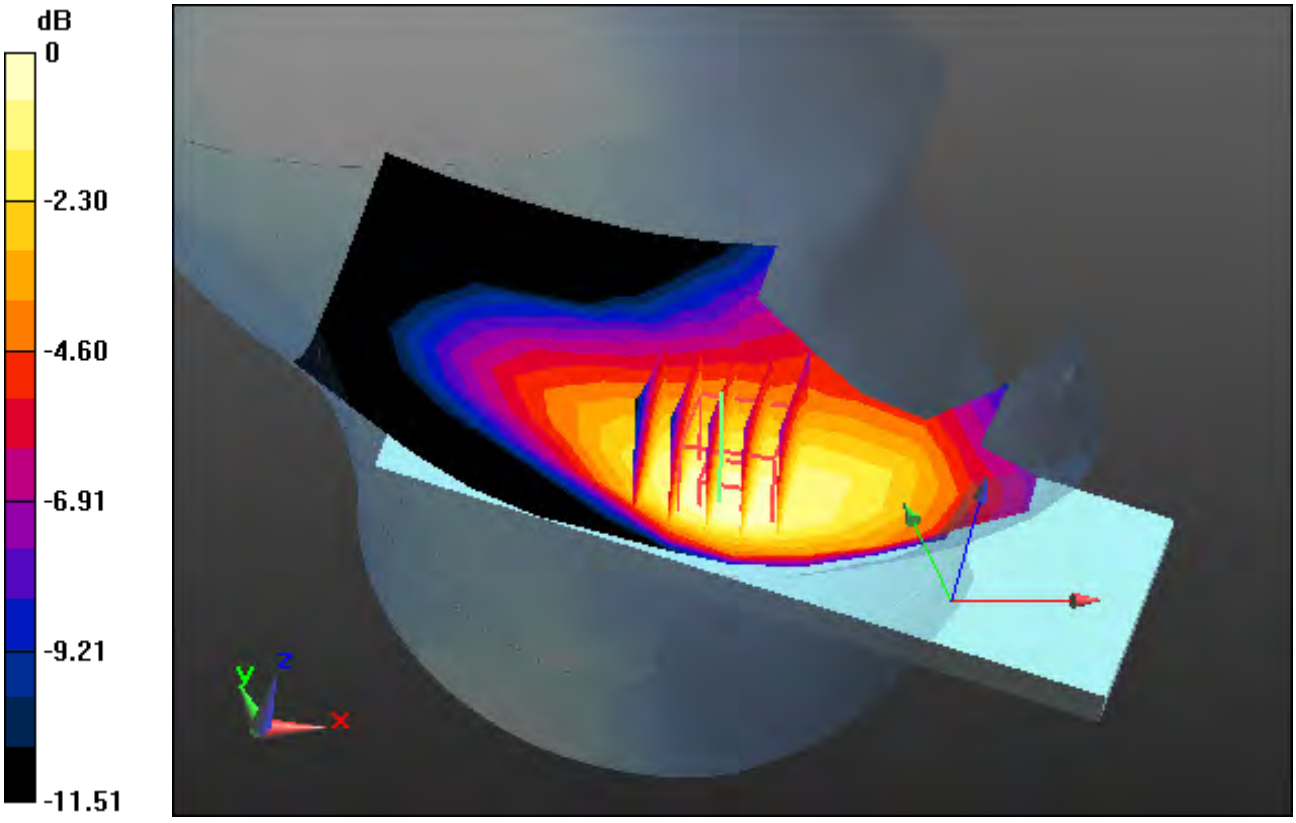
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.46, 6.46, 6.46); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-13; Ambient Temp: 21.8; Tissue Temp: 21.7

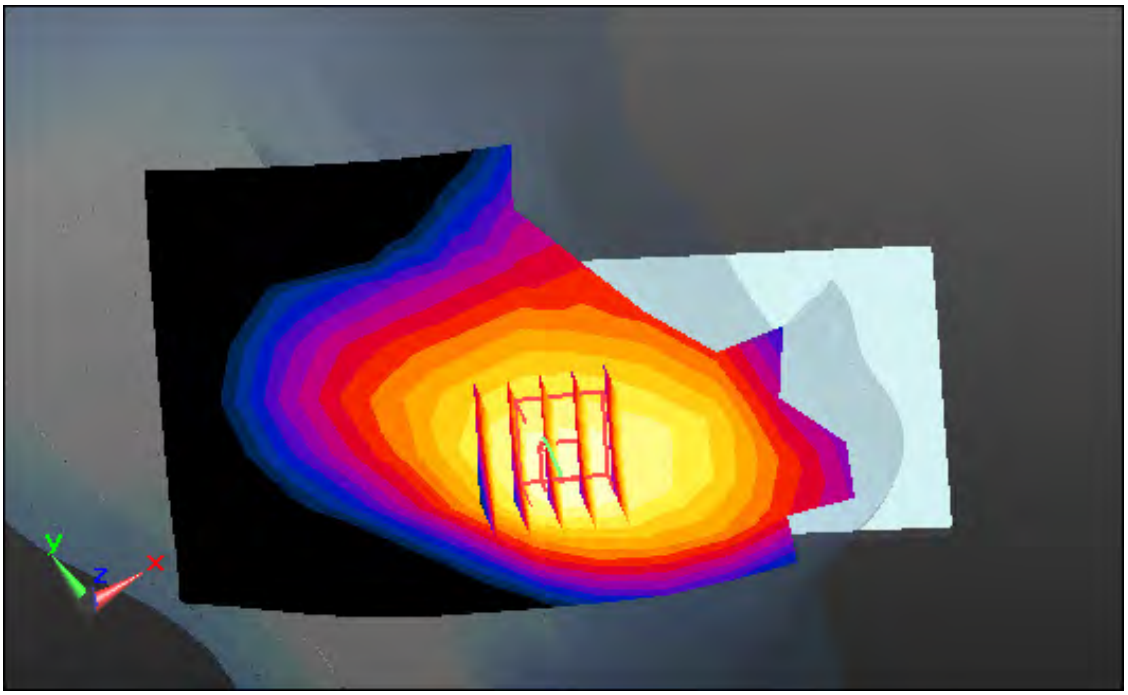
Left Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.142 W/kg



0 dB = 0.204 W/kg



Enlarged Plot for A9

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.327 S/m; ε_r = 39.567; ρ = 1000 kg/m^3
Phantom section: Right Section

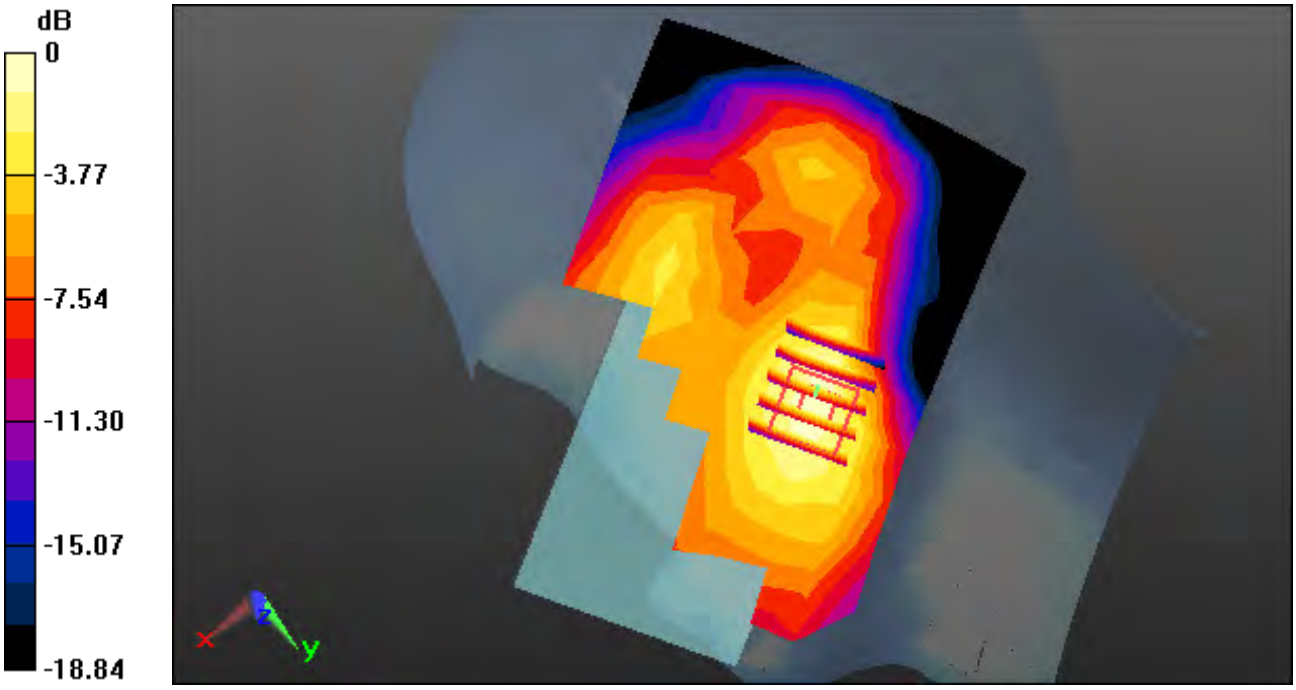
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.59, 5.59, 5.59); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-12; Ambient Temp: 21.6; Tissue Temp: 21.4

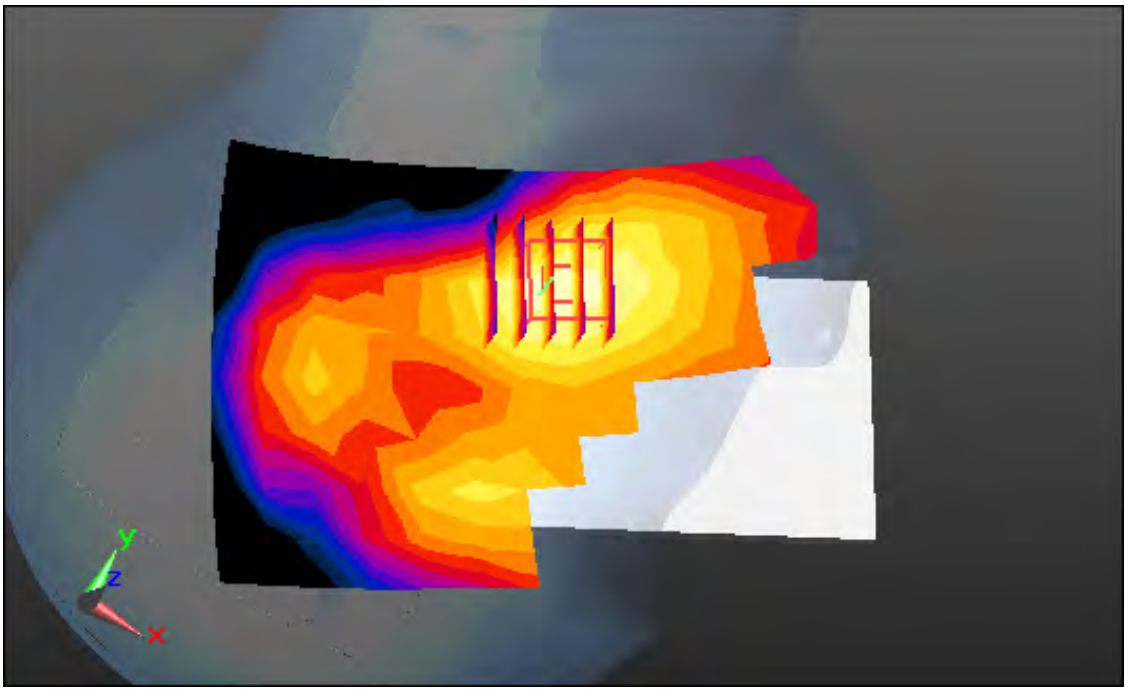
Right Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery

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

Area Scan (9x15x1): Measurement 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) = 0.188 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.078 W/kg



0 dB = 0.142 W/kg



Enlarged Plot for A10

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.385 S/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Right Section

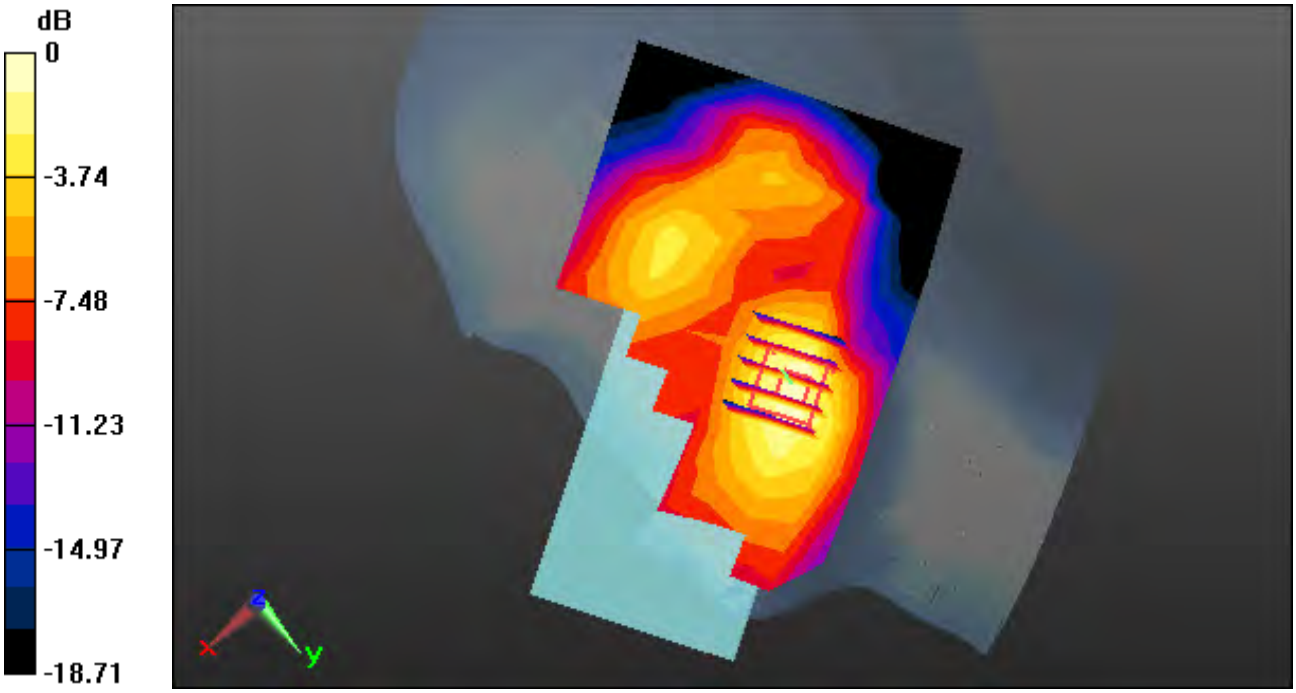
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-11; Ambient Temp: 21.8; Tissue Temp: 22.2

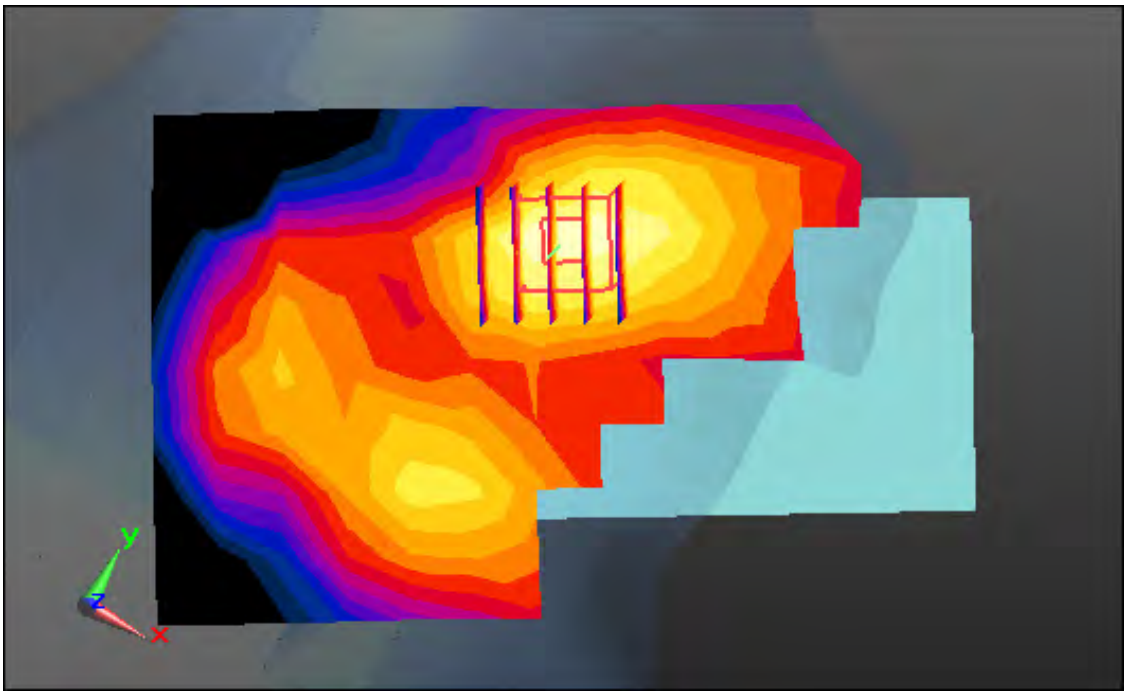
Right Touch, LTE Band 2 Ch. 18700, Ant Internal, Standard Battery

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.092 W/kg



0 dB = 0.183 W/kg



Enlarged Plot for A11

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.948 S/m; ε_r = 39.756; ρ = 1000 kg/m^3
Phantom section: Left Section

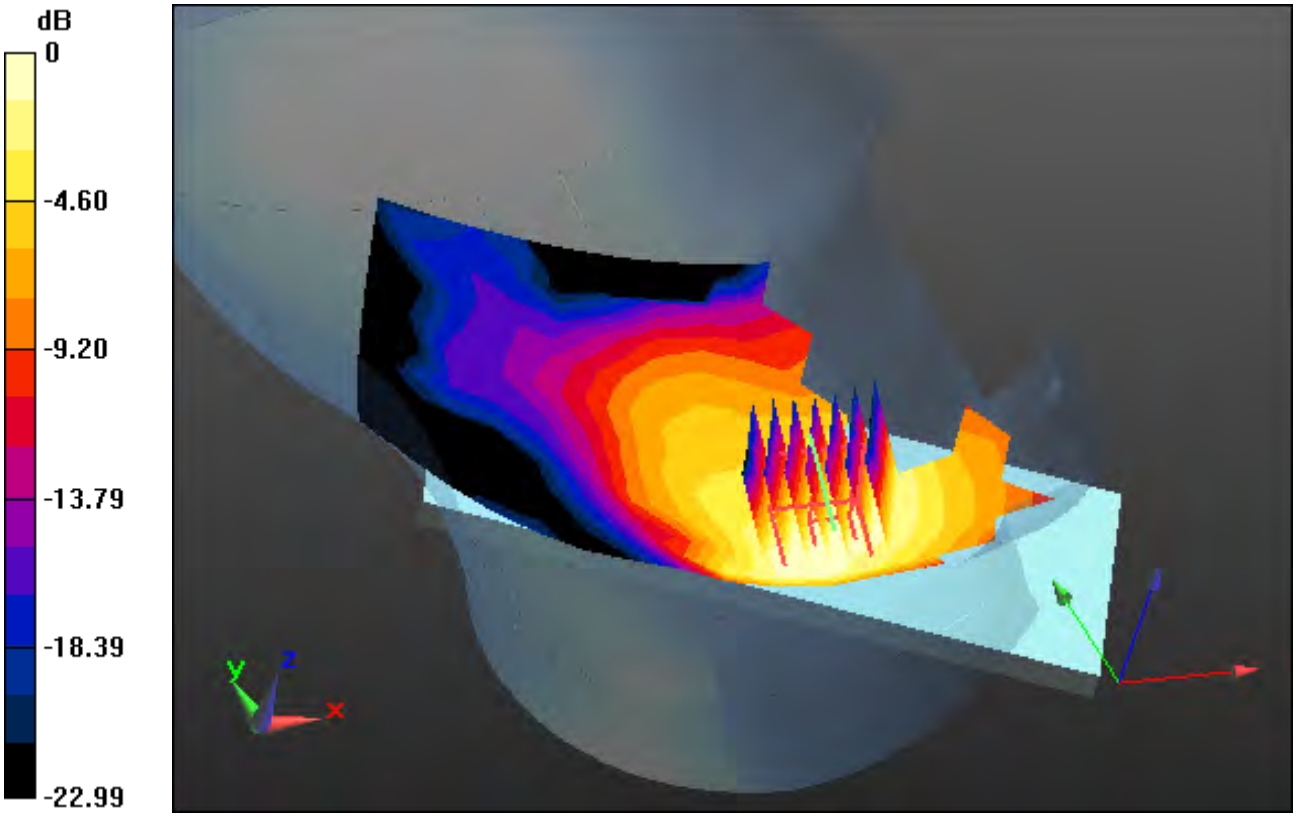
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.58, 4.58, 4.58); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-02; Ambient Temp: 21.1; Tissue Temp: 20.8

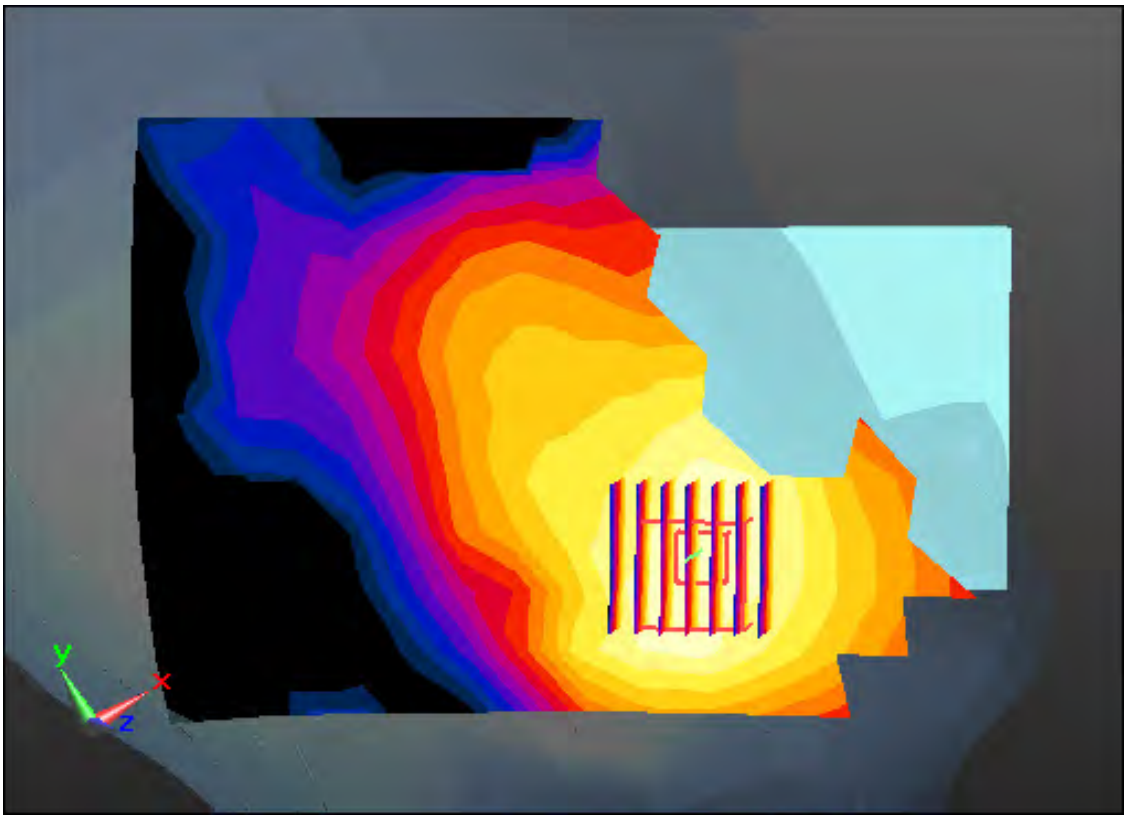
Left Touch, LTE Band 7 Ch. 21100, Ant Internal, Standard Battery

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

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.176 W/kg



Enlarged Plot for A12

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 2680 MHz; σ = 2.12 S/m; ε_r = 39.27; ρ = 1000 kg/m^3
Phantom section: Left Section

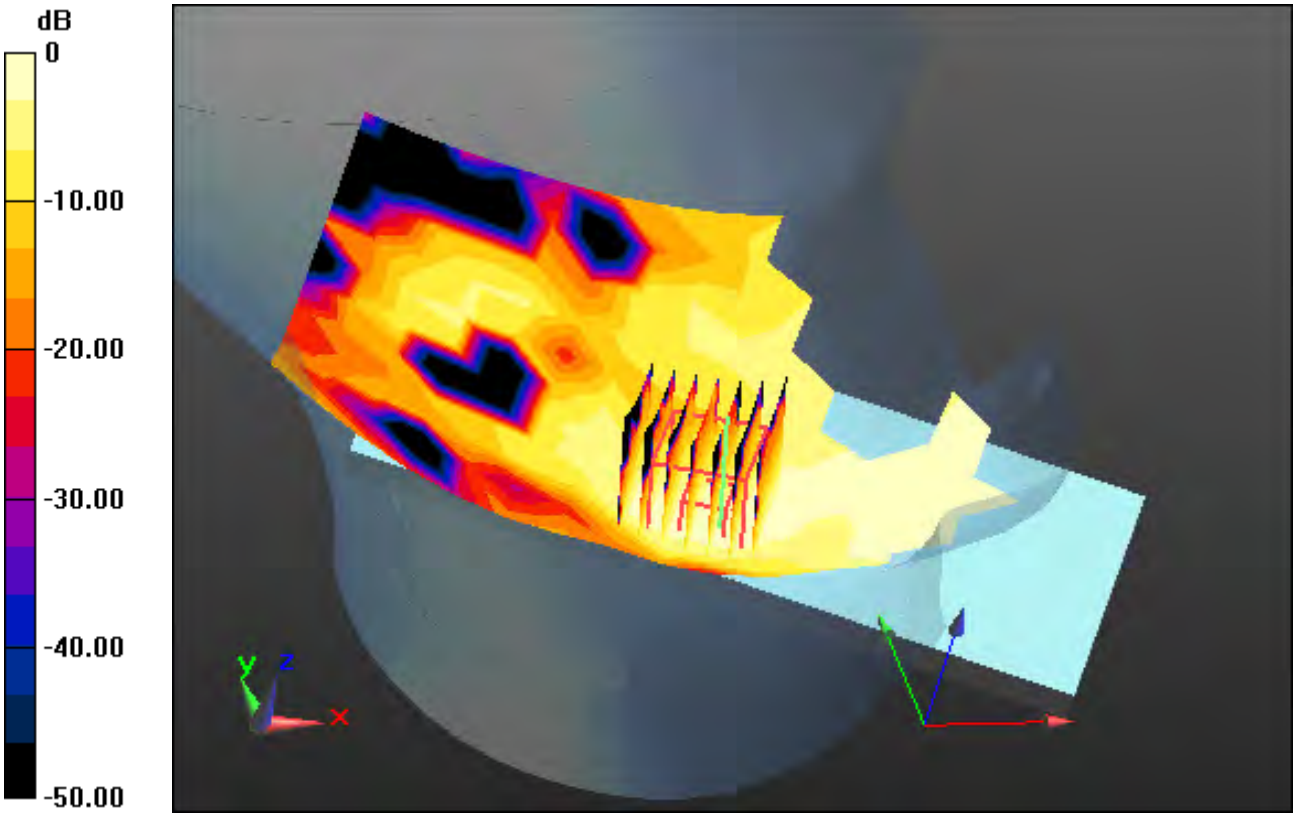
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.58, 4.58, 4.58); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-02; Ambient Temp: 21.1; Tissue Temp: 20.8

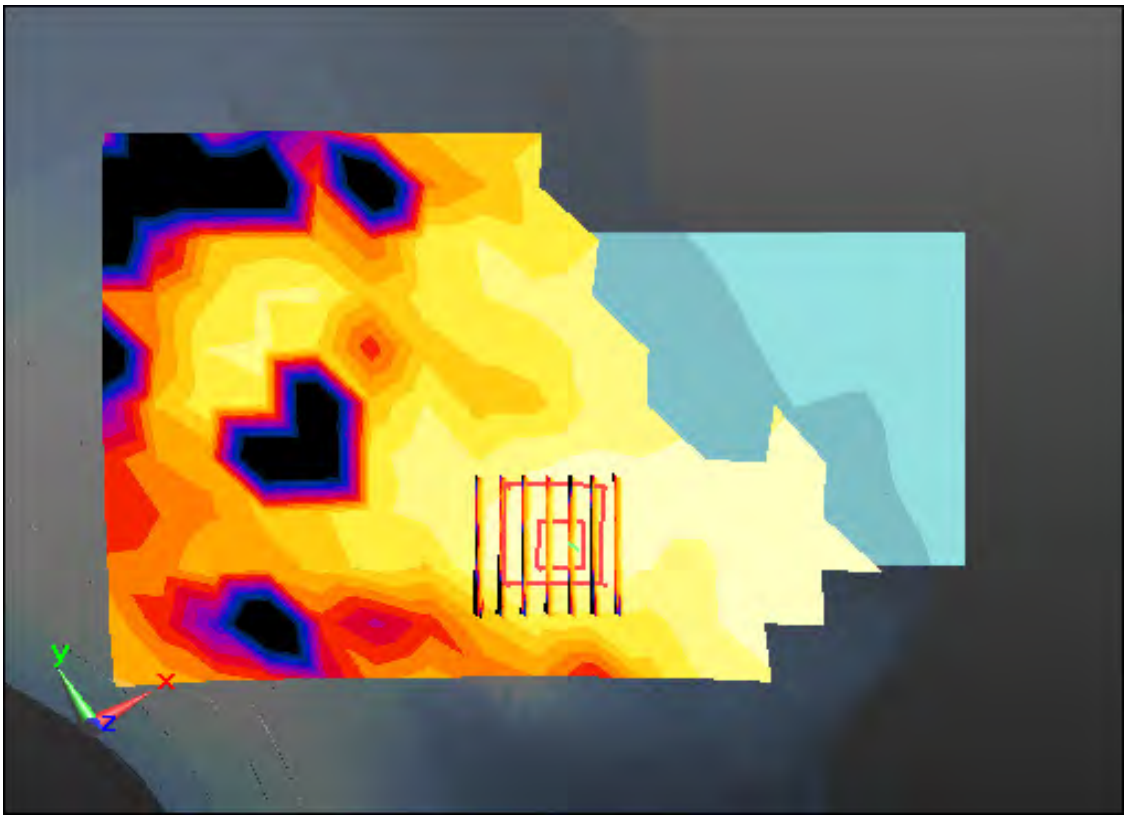
Left Touch, LTE Band 41 Ch. 41490, Ant Internal, Standard Battery

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

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.0450 W/kg



Enlarged Plot for A13

DUT: LM-G850EMW; Type: Bar

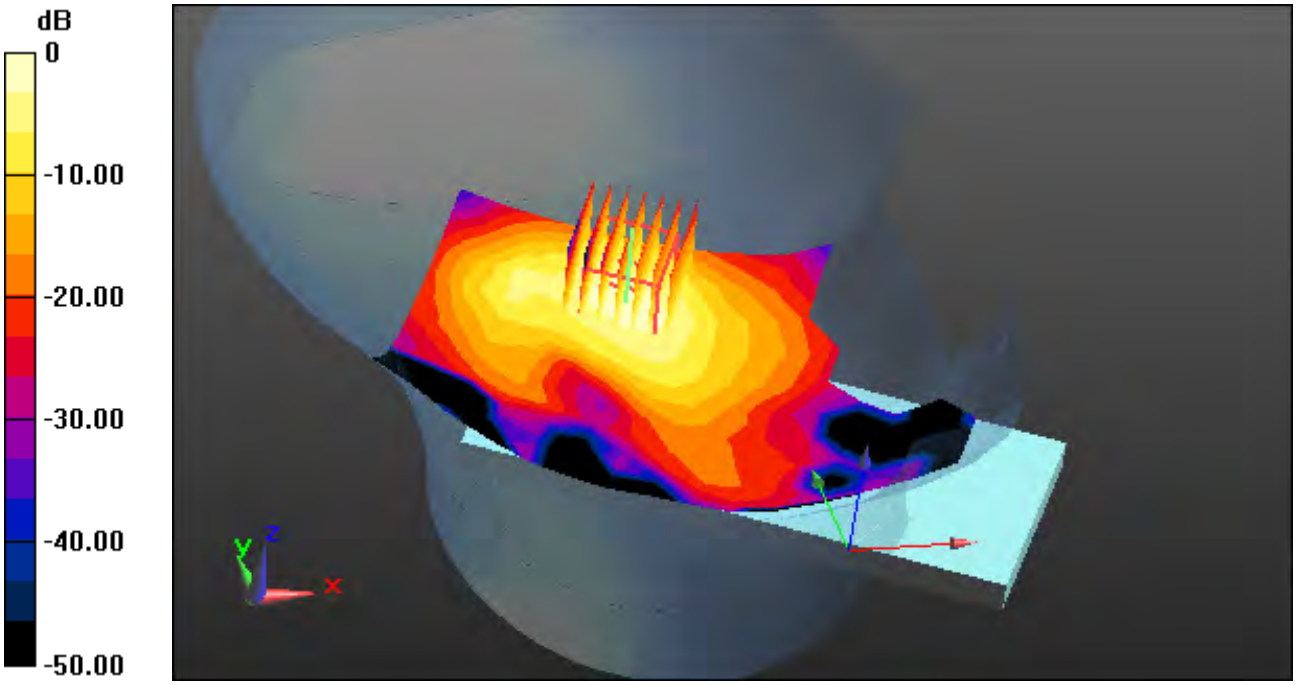
Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.718 S/m; ε_r = 38.713; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

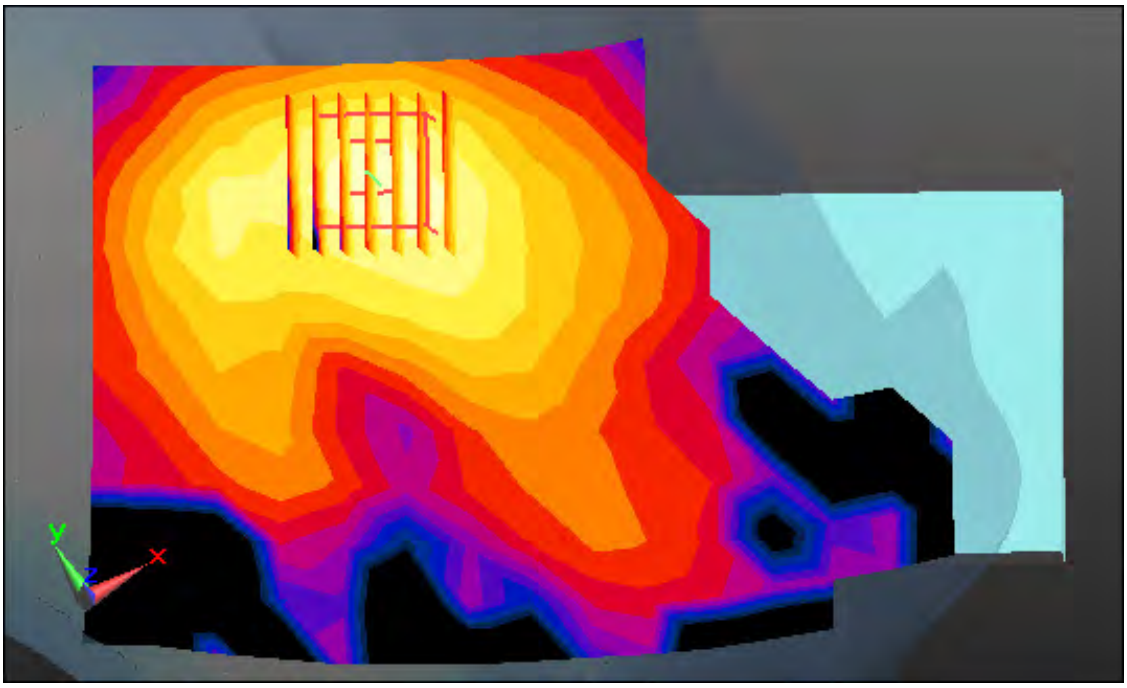
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

Left Touch, WLAN(802.11b) Ch. 1, Ant Internal, Standard Battery, Ant.1

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.182 W/kg



0 dB = 0.699 W/kg



Enlarged Plot for A14

DUT: LM-G850EMW; Type: Bar

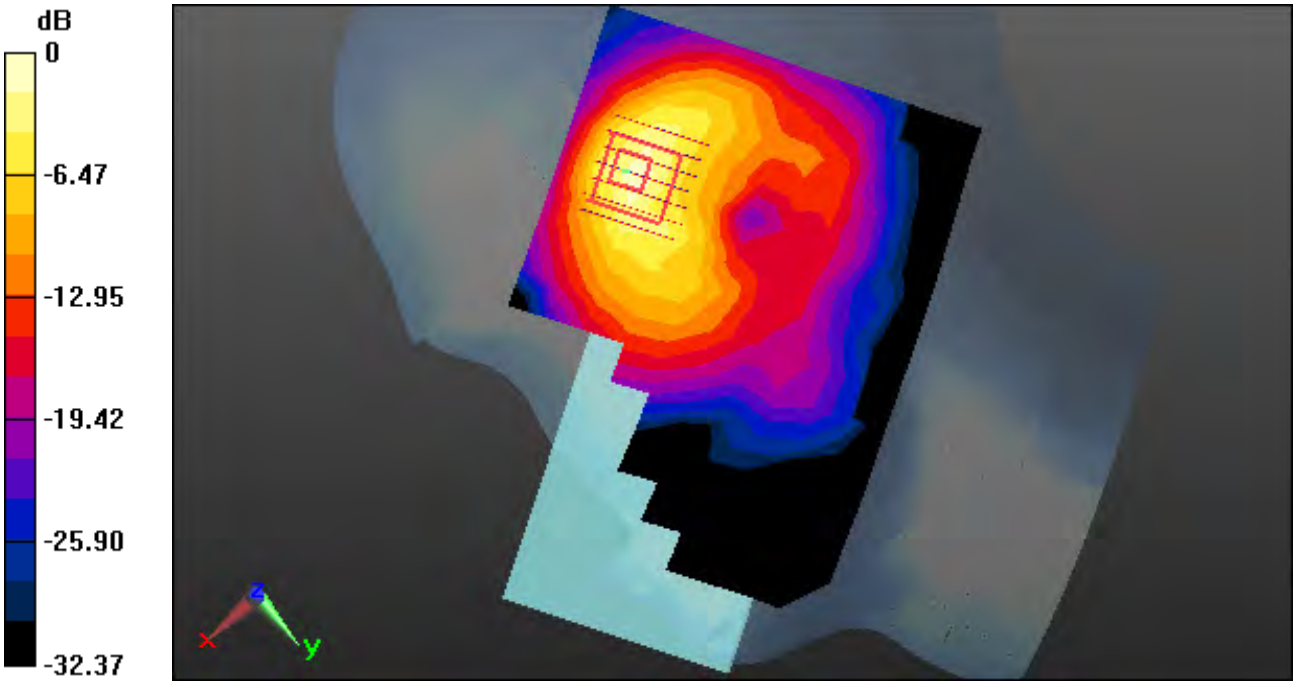
Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.718 S/m; ε_r = 38.713; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

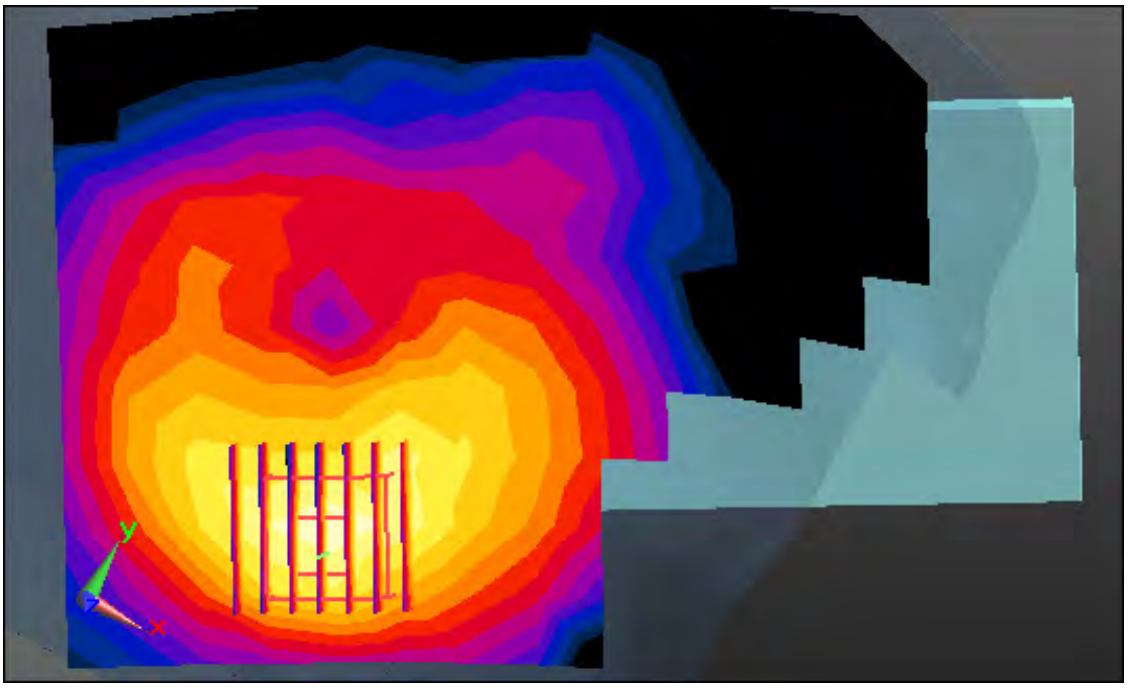
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

Right Touch, WLAN(802.11b) Ch. 1, Ant Internal, Standard Battery, Ant.2

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.238 W/kg



0 dB = 0.989 W/kg



Enlarged Plot for A15

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

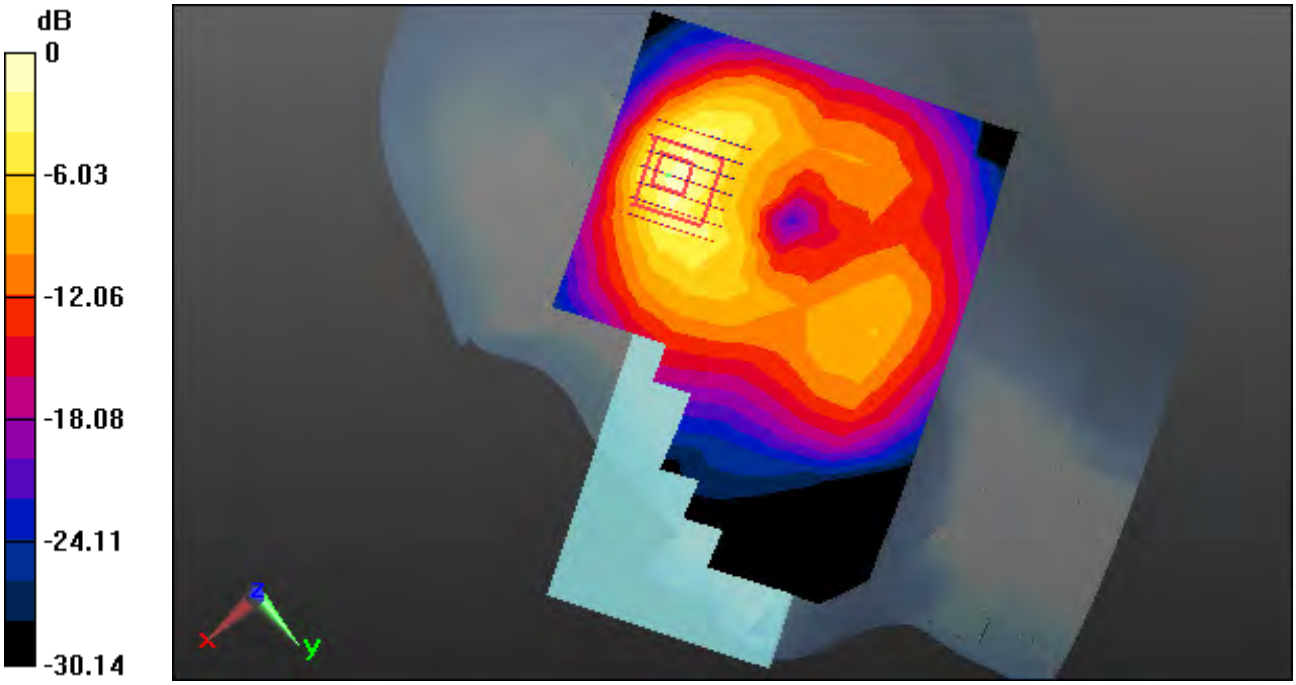
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.747 S/m; ε_r = 38.634; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

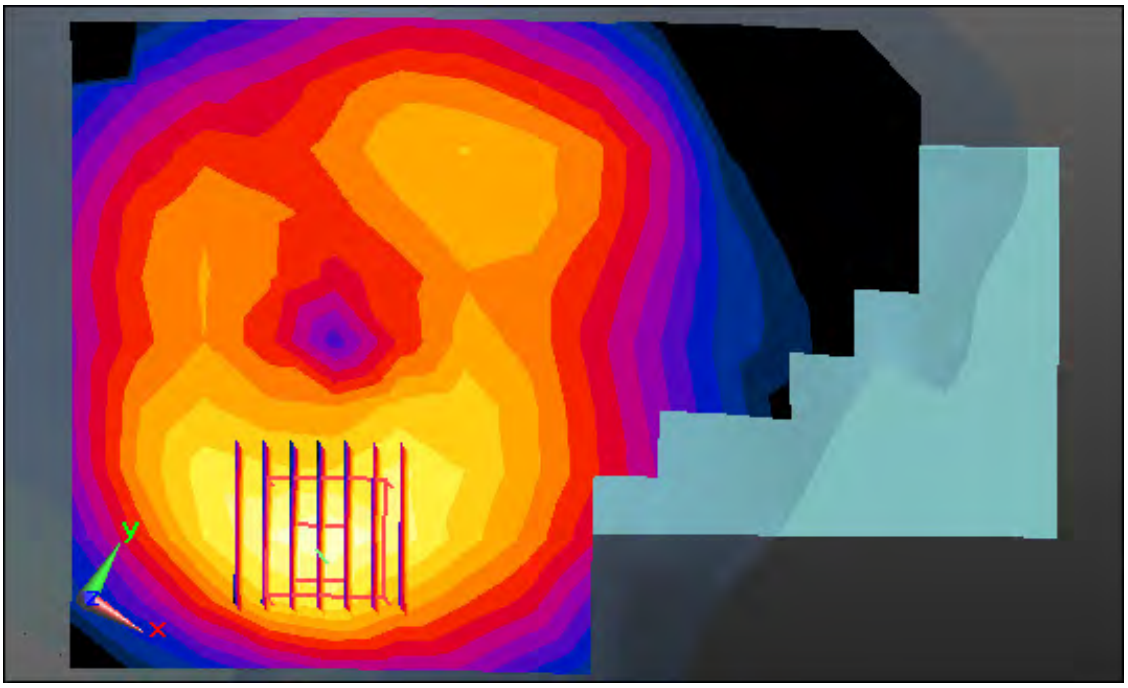
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

Right Touch, WLAN(802.11g) Ch. 6, Ant Internal, Standard Battery, MIMO

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.231 W/kg



0 dB = 0.952 W/kg



Enlarged Plot for A16

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

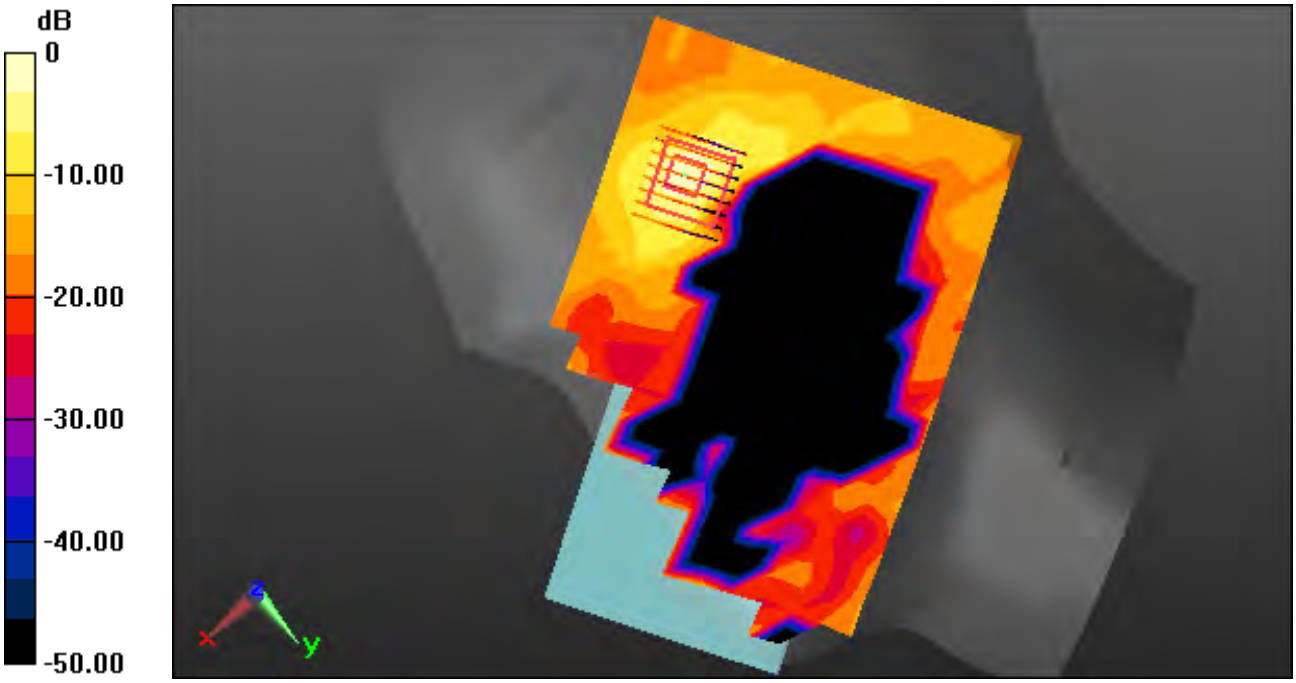
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.63 S/m; ε_r = 36.955; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.13, 5.13, 5.13); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

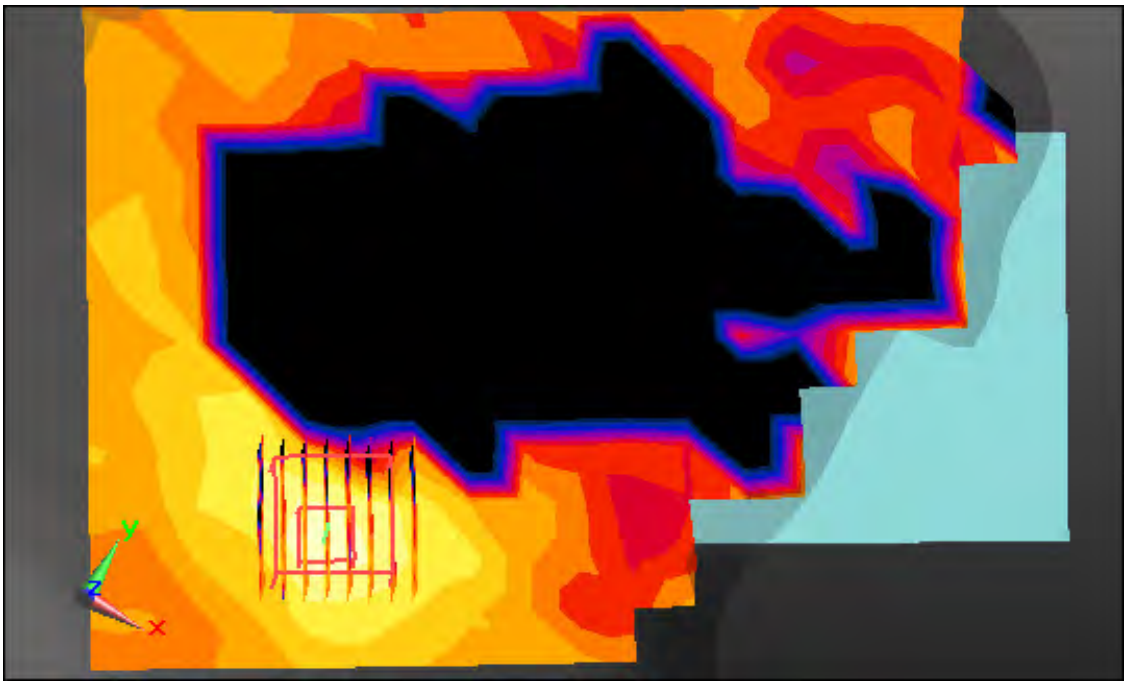
Test Date: 2019-08-29; Ambient Temp: 21.1; Tissue Temp: 21.4

Right Touch, WLAN(802.11a) Ch. 52, Ant Internal, Standard Battery, Ant.1

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.222 W/kg



Enlarged Plot for A17

DUT: LM-G850EMW; Type: Bar

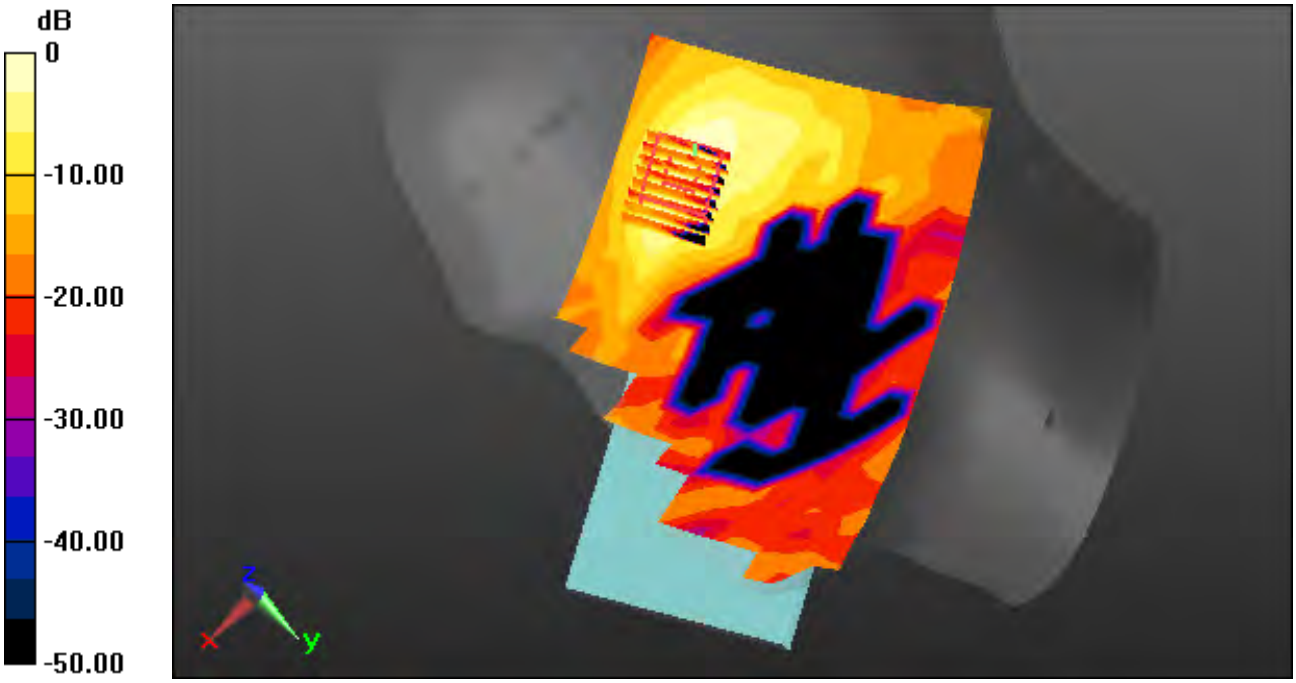
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.664 S/m; ε_r = 36.909; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.13, 5.13, 5.13); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

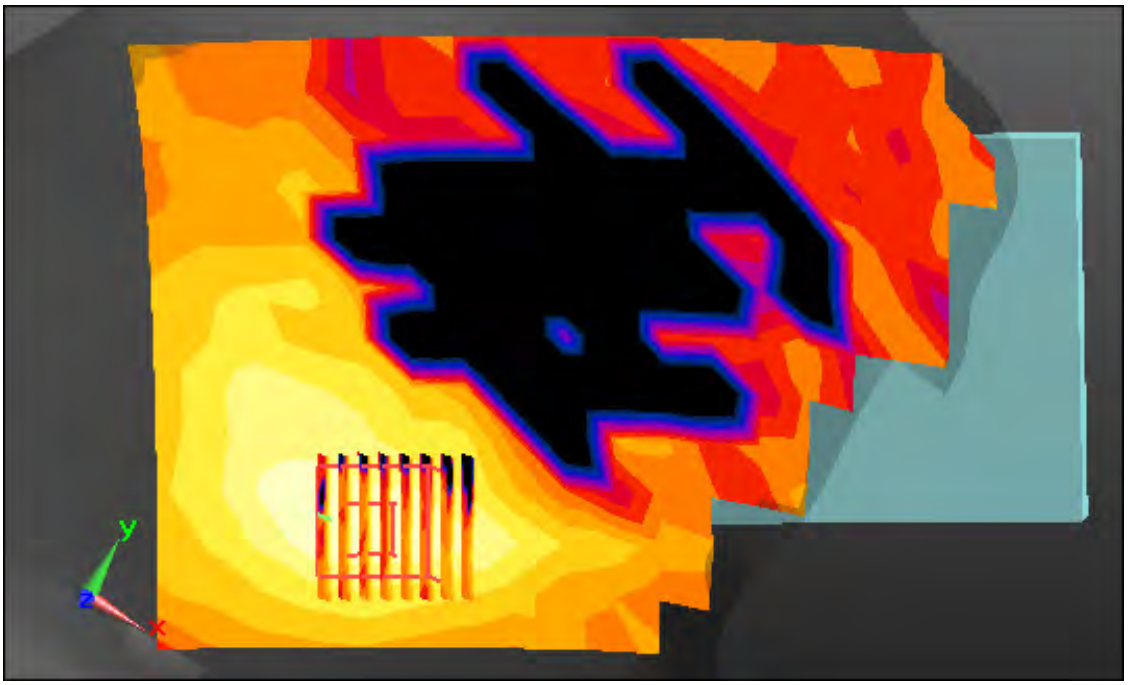
Test Date: 2019-08-29; Ambient Temp: 21.1; Tissue Temp: 21.4

Right Touch, WLAN(802.11a) Ch. 60, Ant Internal, Standard Battery, Ant.2

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.595 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.367 W/kg



Enlarged Plot for A18

DUT: LM-G850EMW; Type: Bar

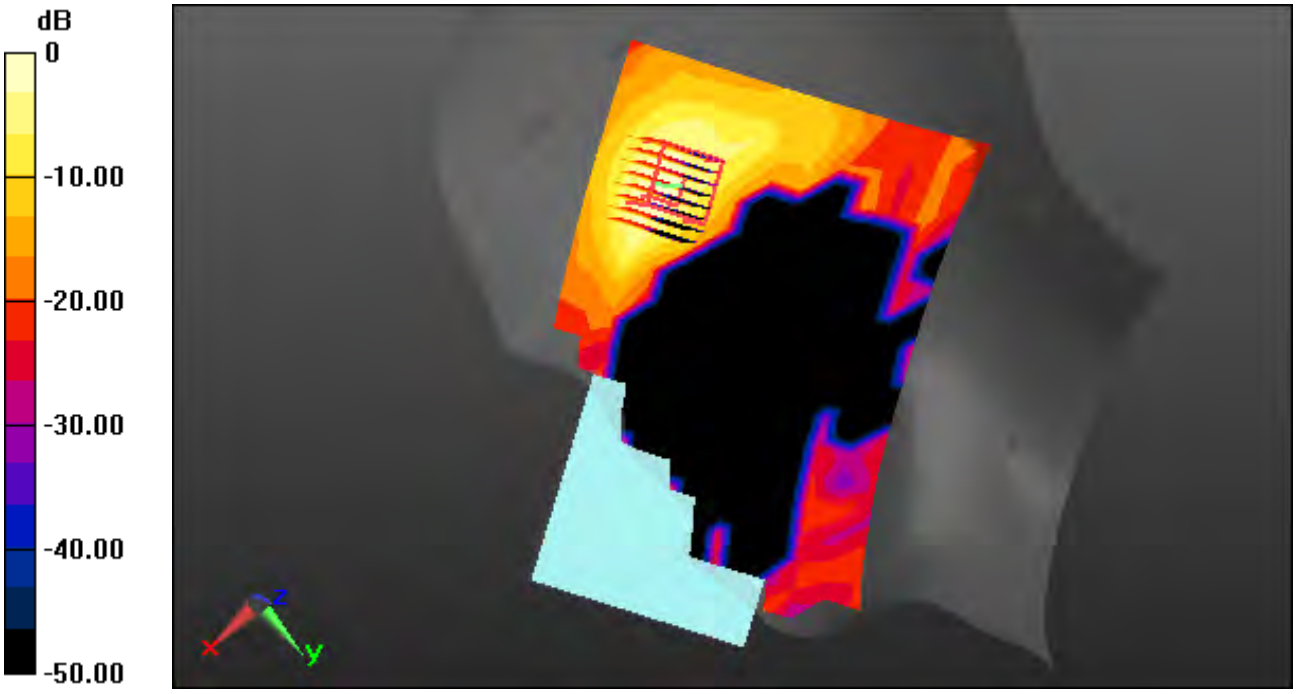
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.664 S/m; ε_r = 36.909; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.13, 5.13, 5.13); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

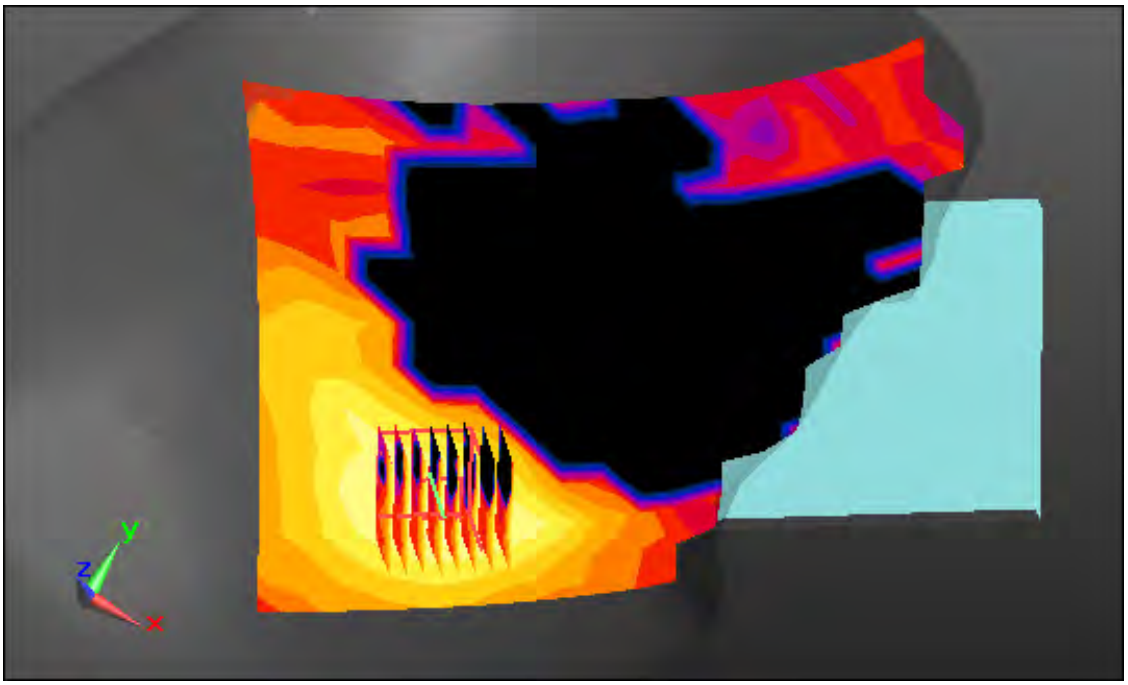
Test Date: 2019-08-29; Ambient Temp: 21.1; Tissue Temp: 21.4

Right Touch, WLAN(802.11a) Ch. 60, Ant Internal, Standard Battery, MIMO

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.672 W/kg



Enlarged Plot for A19

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

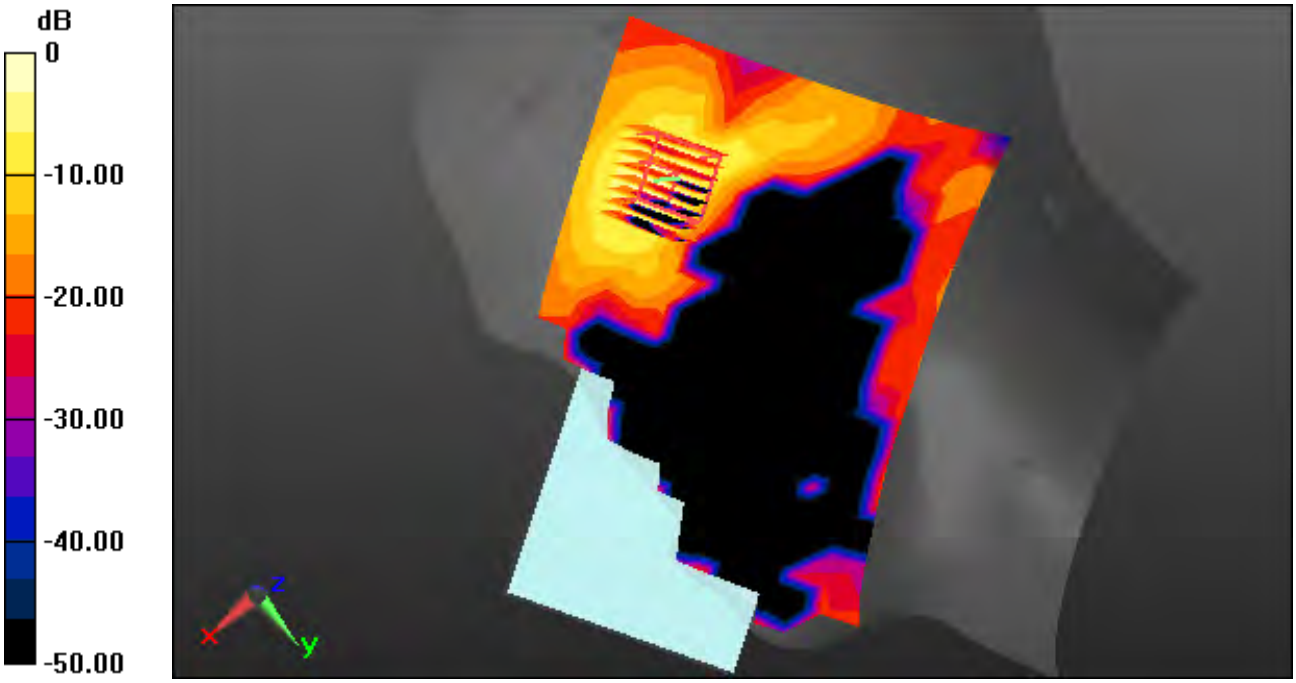
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.054 S/m; ε_r = 35.726; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.91, 4.91, 4.91); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

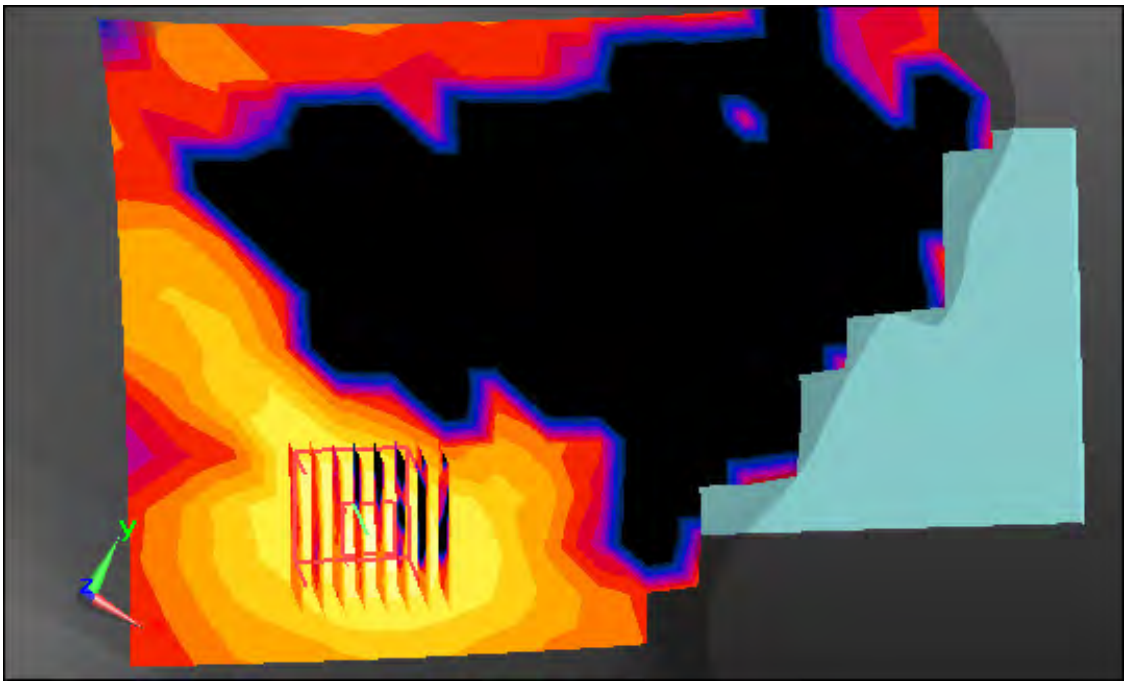
Test Date: 2019-08-30; Ambient Temp: 21.5; Tissue Temp: 21.1

Right Touch, WLAN(802.11a) Ch. 132, Ant Internal, Standard Battery, Ant.1

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.058 W/kg



0 dB = 0.606 W/kg



Enlarged Plot for A20

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

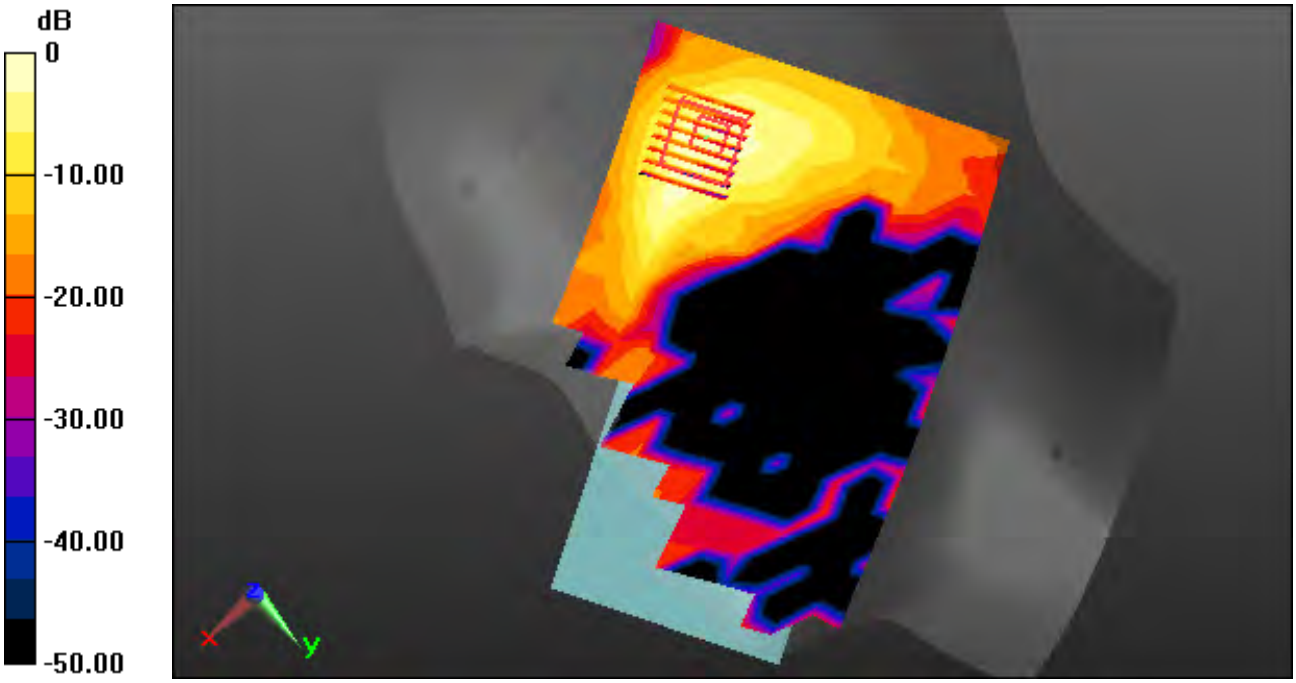
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.88 S/m; ε_r = 36.009; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.98, 4.98, 4.98); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

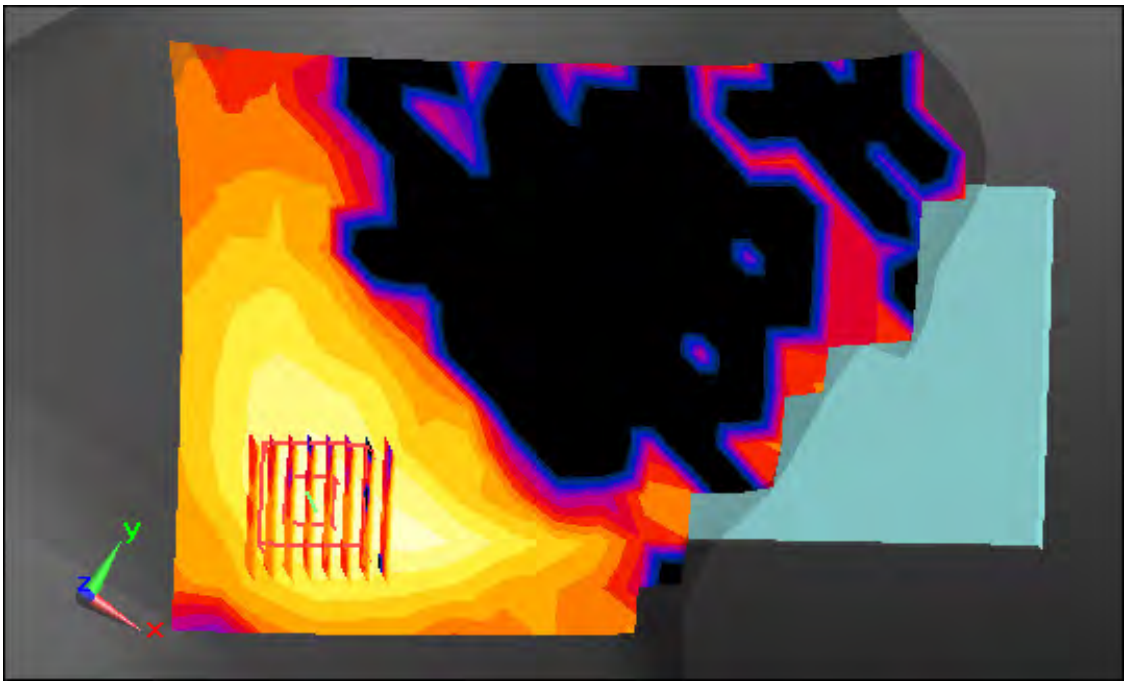
Test Date: 2019-08-30; Ambient Temp: 21.5; Tissue Temp: 21.1

Right Touch, WLAN(802.11a) Ch. 100, Ant Internal, Standard Battery, Ant.2

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.972 W/kg
SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.077 W/kg



0 dB = 0.554 W/kg



Enlarged Plot for A21

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

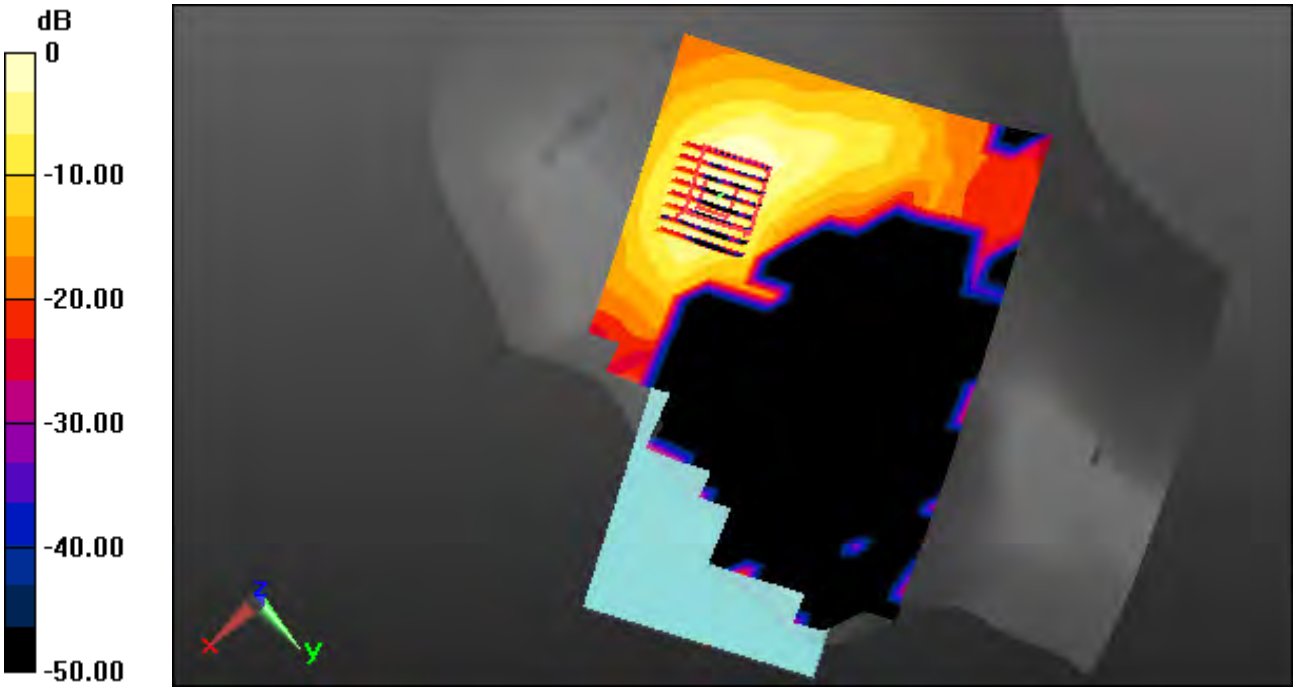
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.054 S/m; ε_r = 35.726; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.91, 4.91, 4.91); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

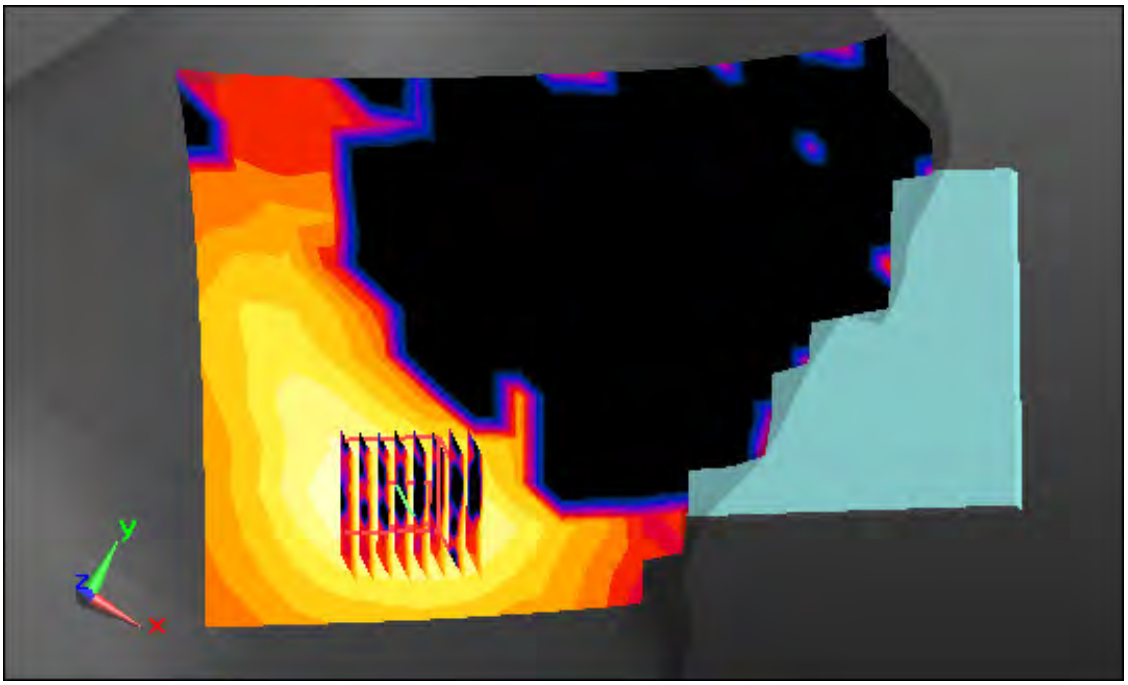
Test Date: 2019-08-30; Ambient Temp: 21.5; Tissue Temp: 21.1

Right Touch, WLAN(802.11a) Ch. 132, Ant Internal, Standard Battery, MIMO

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.096 W/kg



0 dB = 0.750 W/kg



Enlarged Plot for A22

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

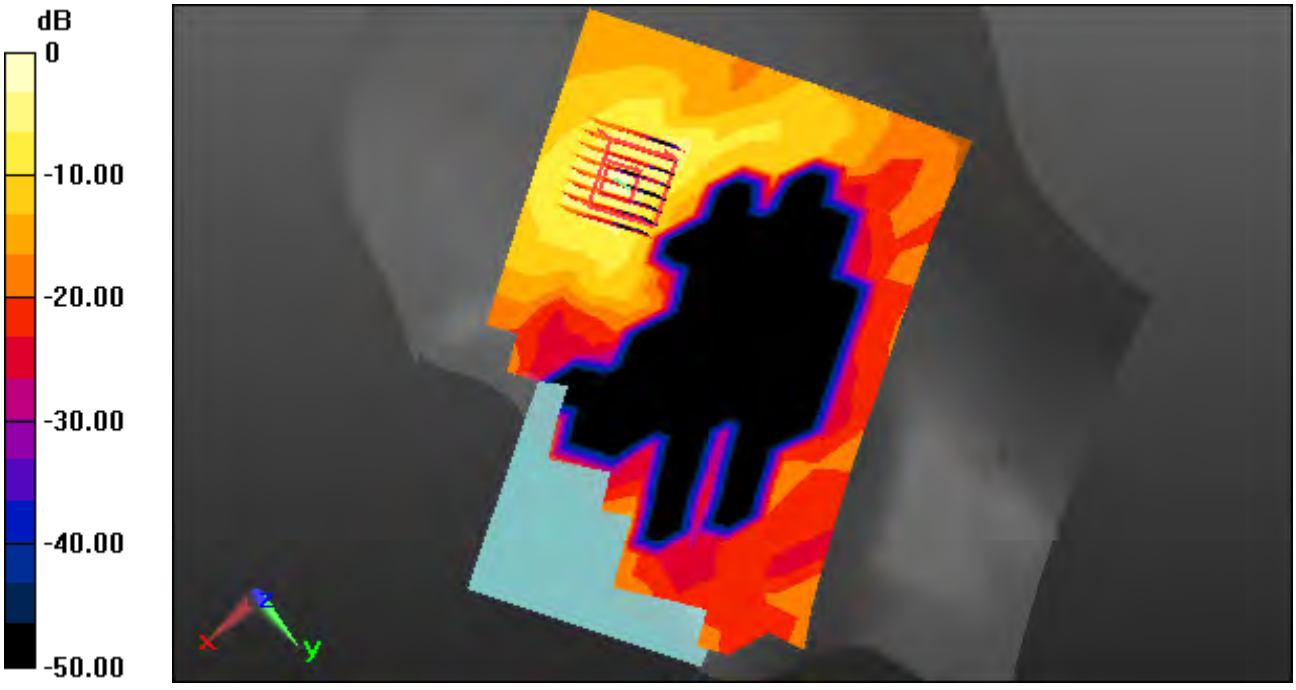
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.162 S/m; ε_r = 35.875; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

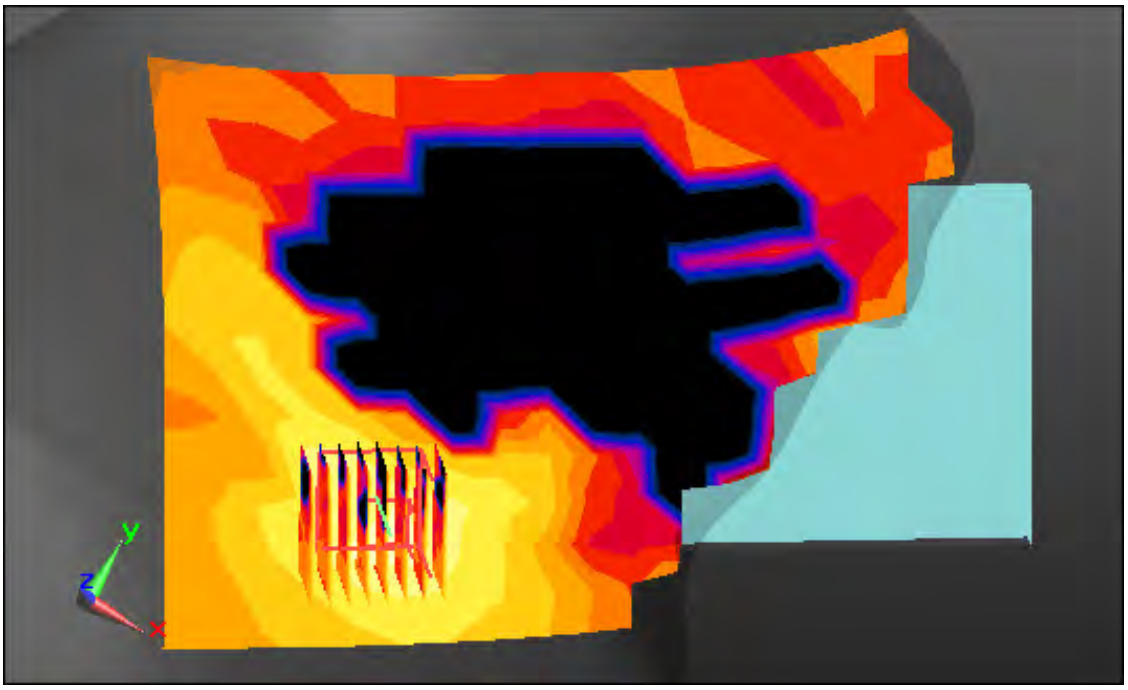
Test Date: 2019-09-02; Ambient Temp: 21.8; Tissue Temp: 22.0

Right Touch, WLAN(802.11a) Ch. 157, Ant Internal, Standard Battery, Ant.1

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.970 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.521 W/kg



Enlarged Plot for A23

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

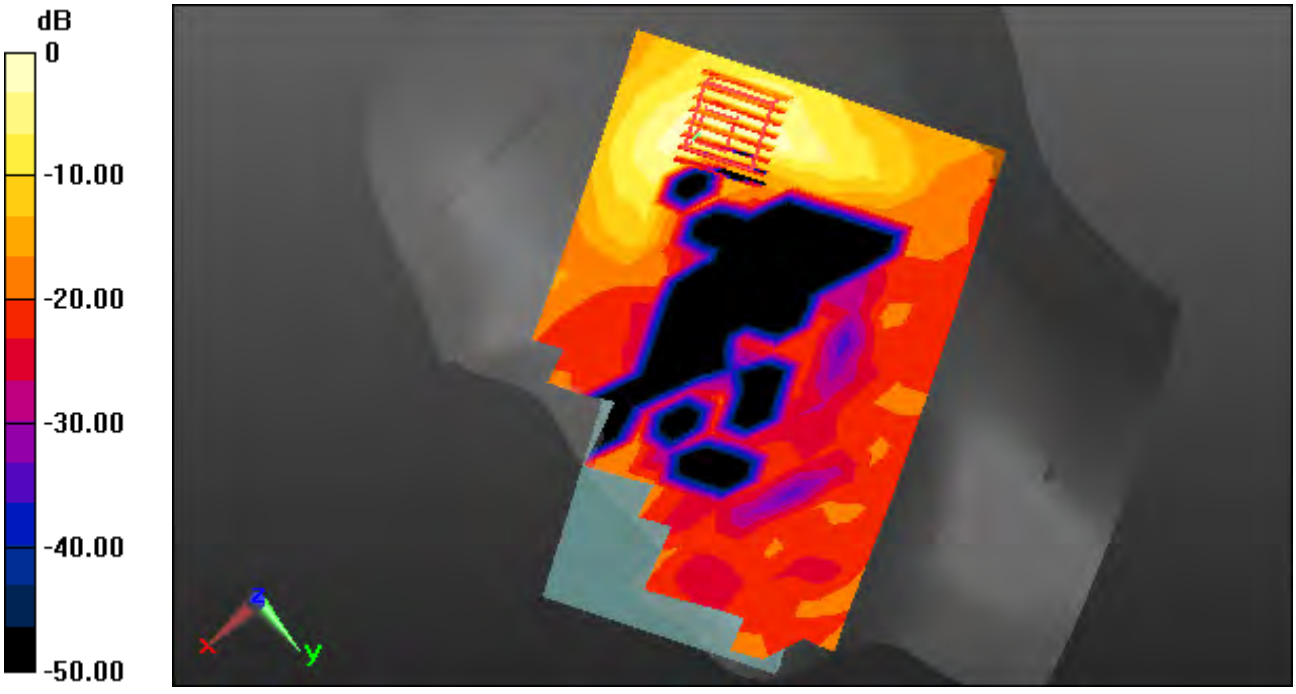
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.13 S/m; ε_r = 35.982; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

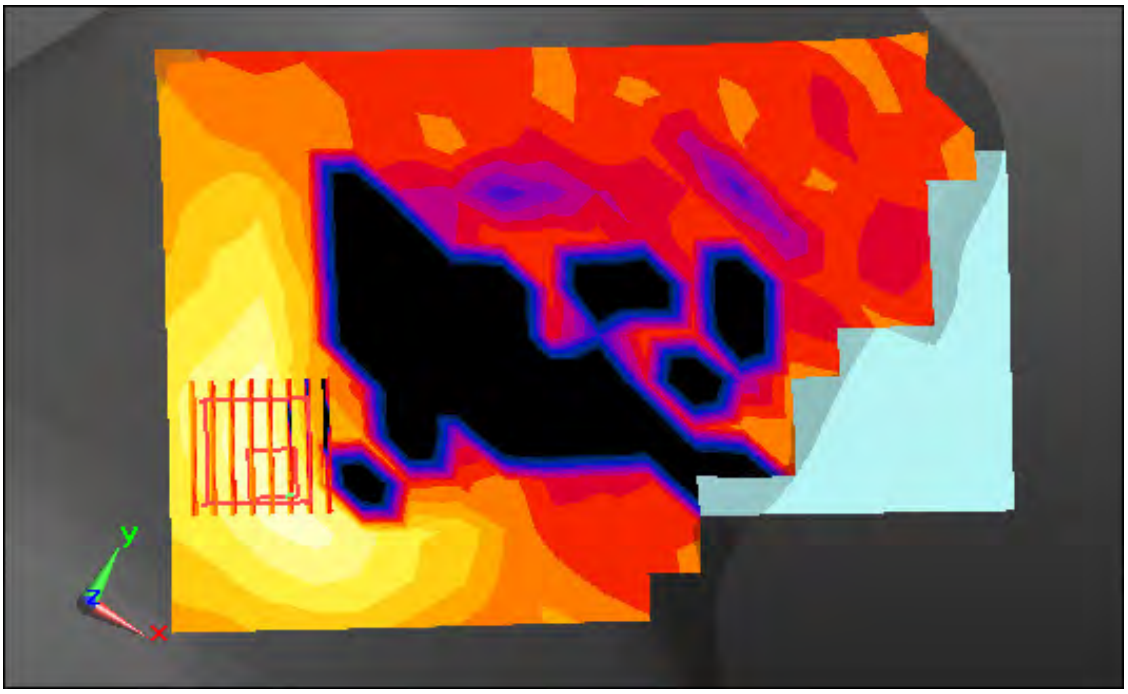
Test Date: 2019-09-02; Ambient Temp: 21.8; Tissue Temp: 22.0

Right Tilt, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, Ant.2

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.844 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.497 W/kg



Enlarged Plot for A24

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

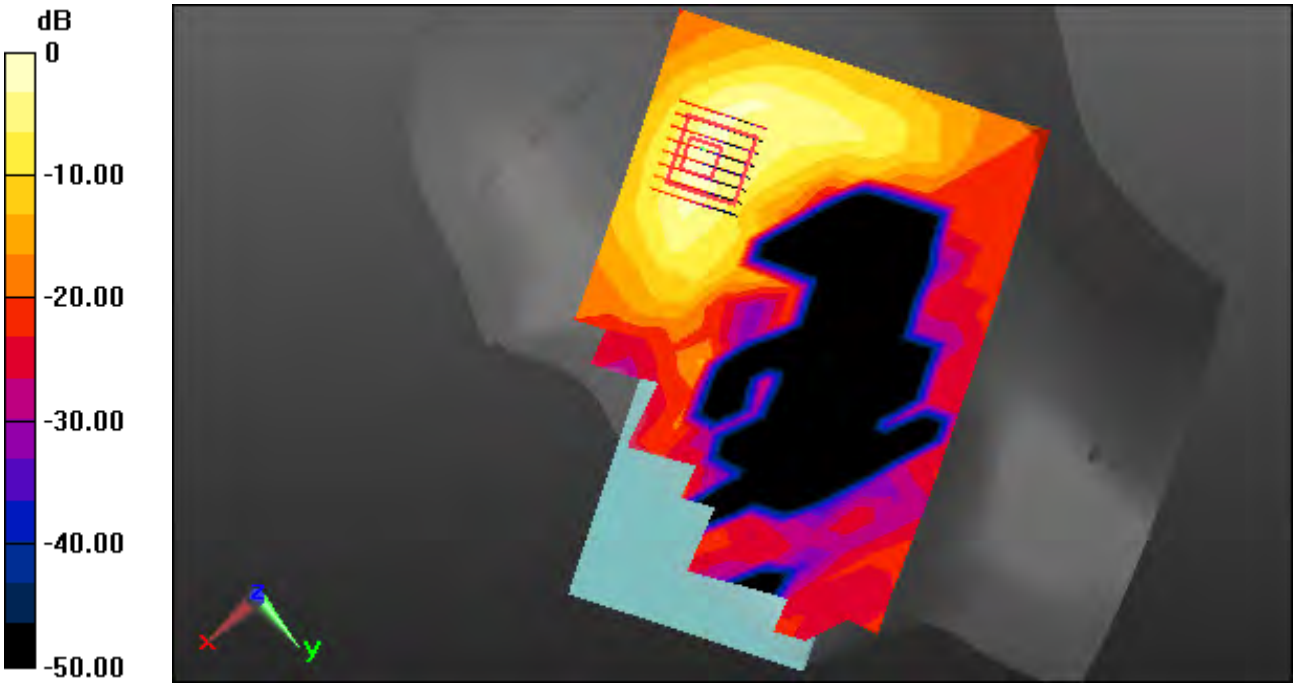
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.13 S/m; ε_r = 35.982; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

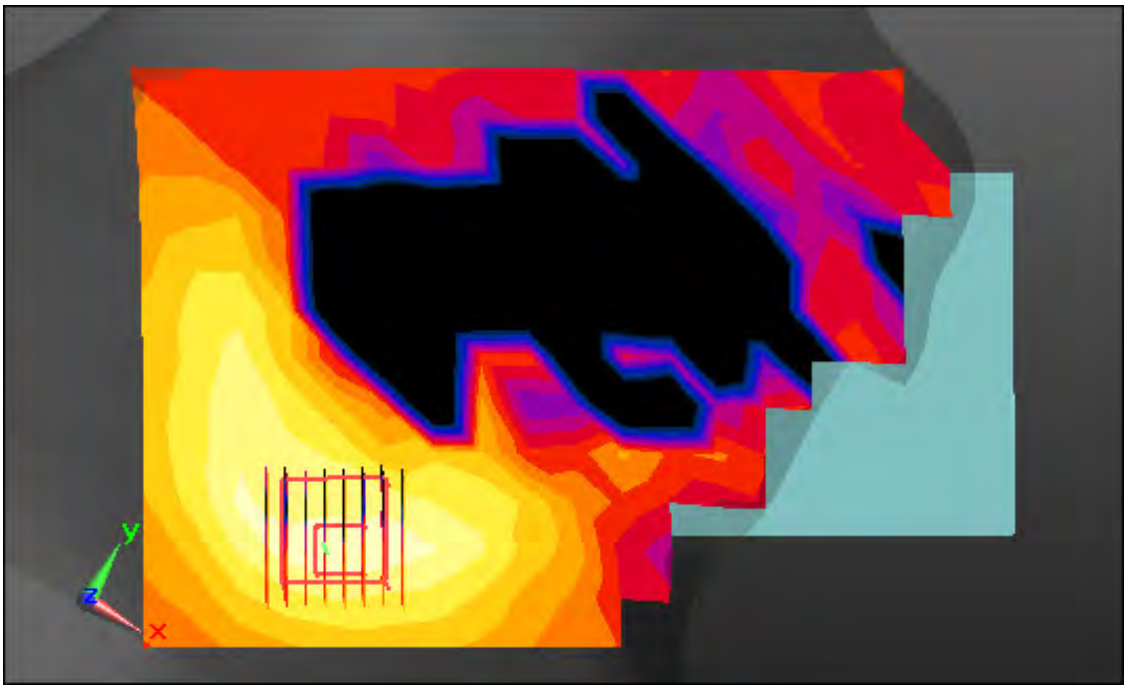
Test Date: 2019-09-02; Ambient Temp: 21.8; Tissue Temp: 22.0

Right Touch, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, MIMO

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.940 W/kg



Enlarged Plot for A25

DUT: LM-G850EMW; Type: Bar

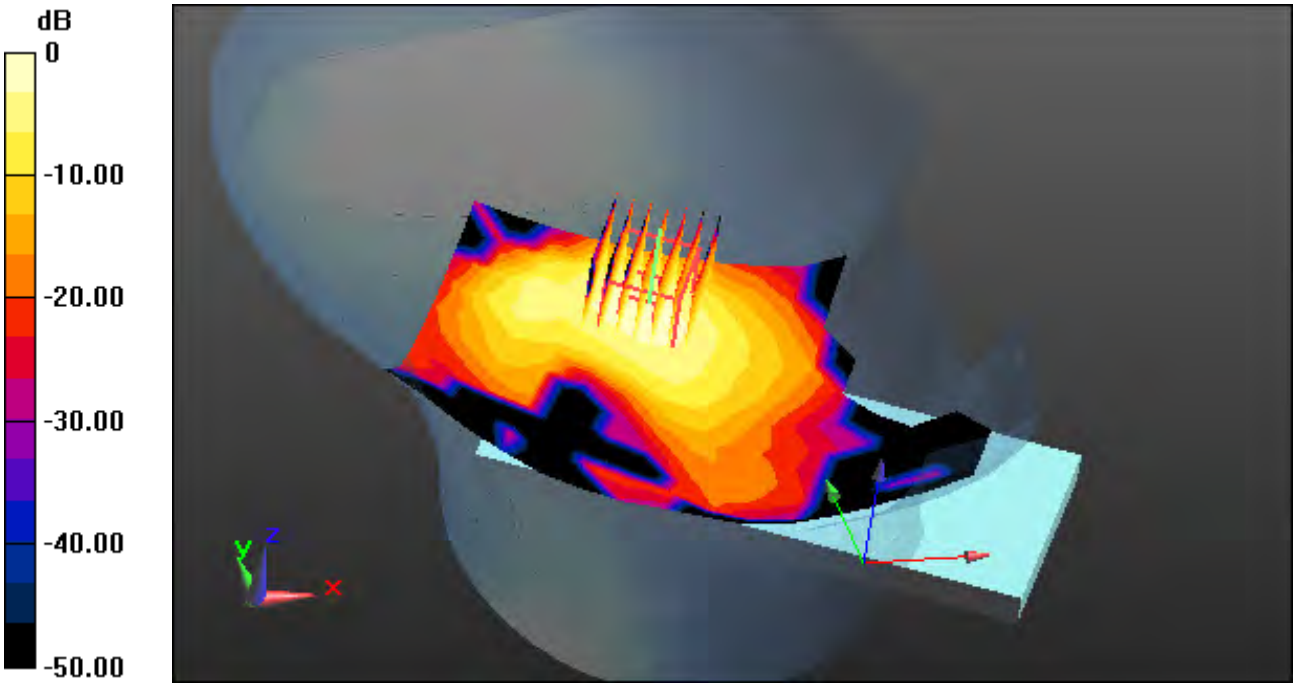
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.752 S/m; ε_r = 38.623; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

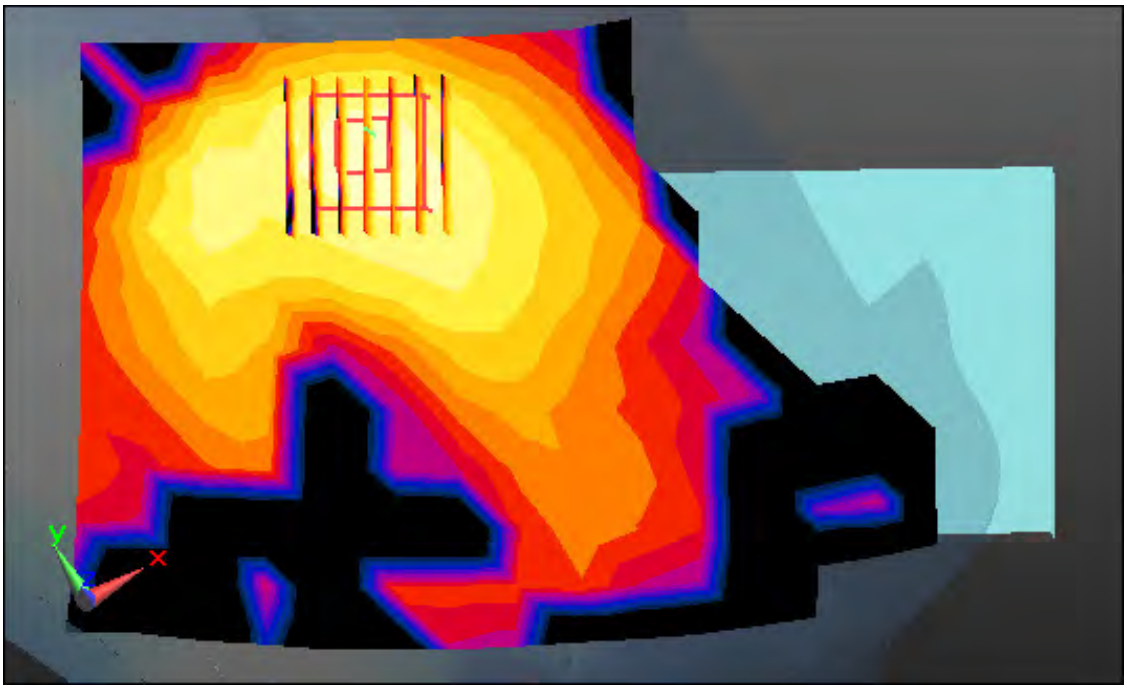
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

Left Touch, Bluetooth 1Mbps Ch. 39, Ant Internal, Standard Battery

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.037 W/kg



0 dB = 0.138 W/kg



Enlarged Plot for A26

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

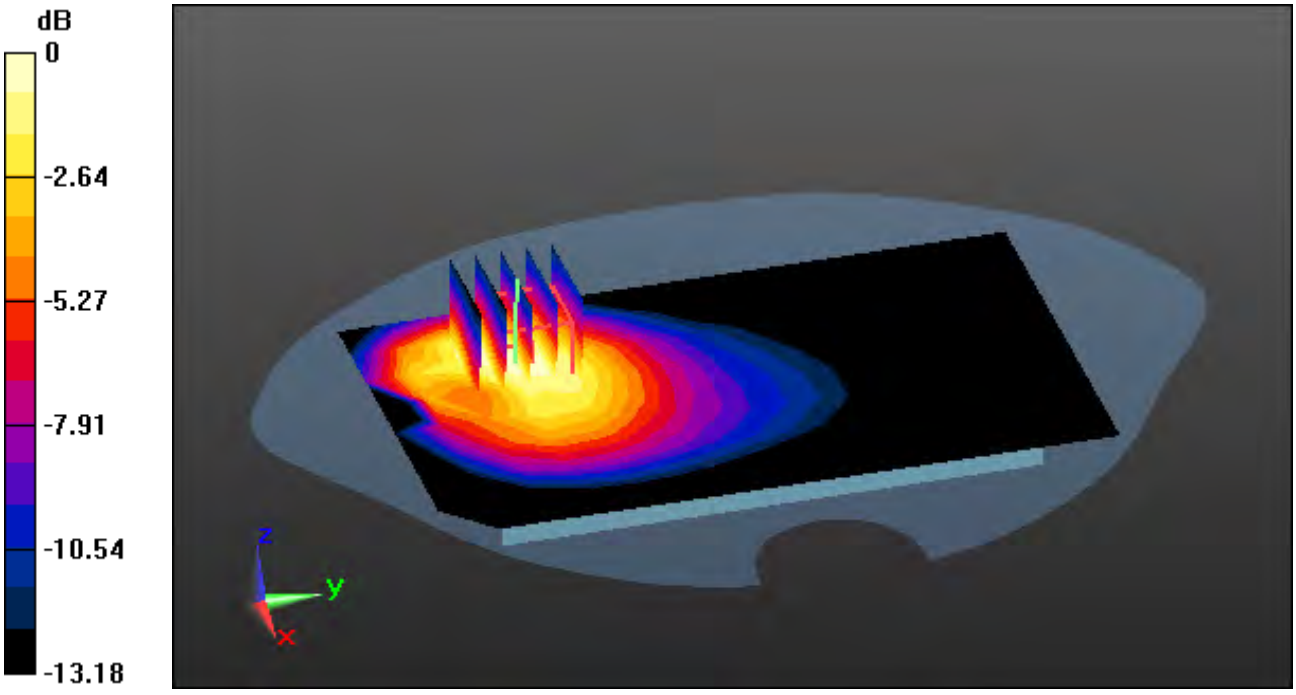
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.988 S/m; ε_r = 53.266; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.38, 6.38, 6.38); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

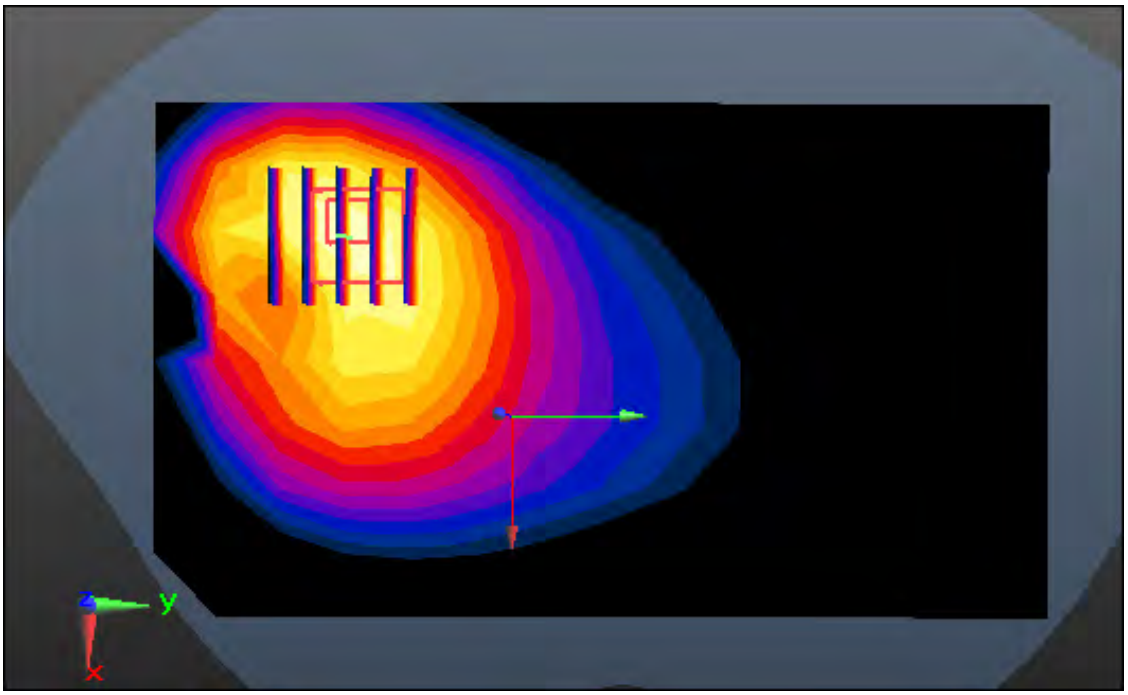
Test Date: 2019-09-04; Ambient Temp: 20.9; Tissue Temp: 21.6

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

Area Scan (9x15x1): Measurement 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) = 1.74 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.598 W/kg



0 dB = 1.19 W/kg



Enlarged Plot for A27

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

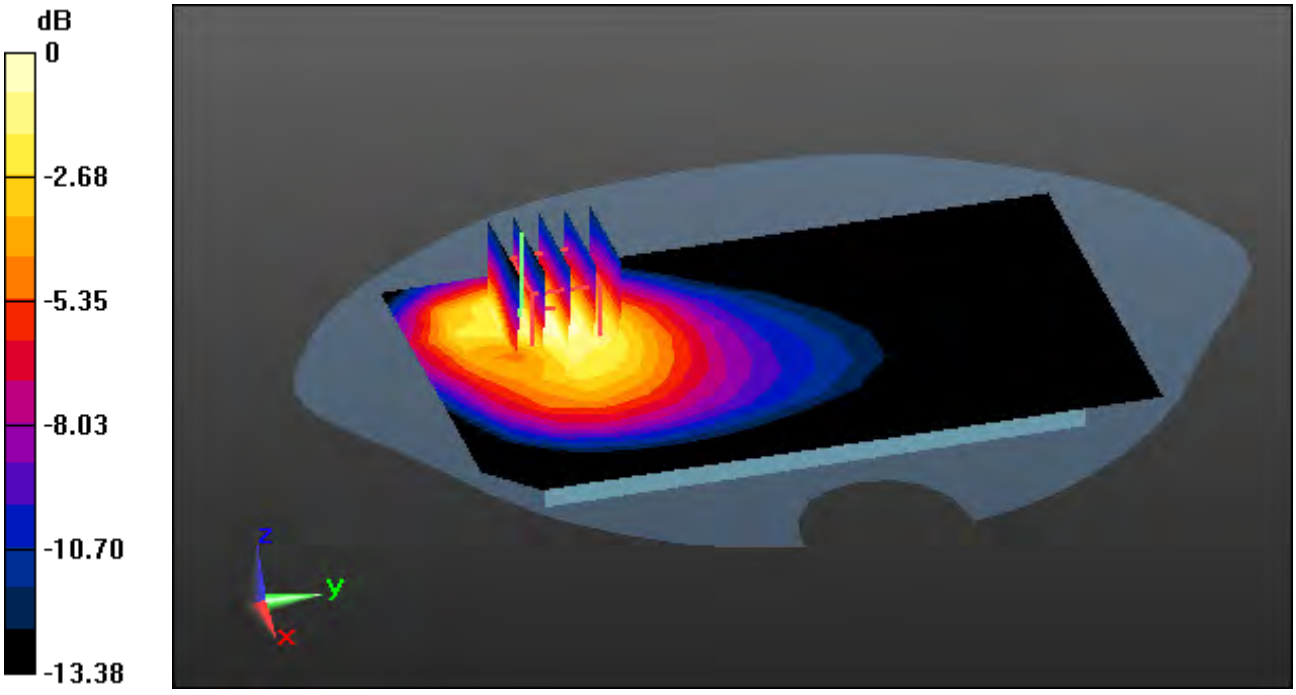
Communication System: UID 0, GSM 850_11 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.999 S/m; ε_r = 53.142; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.38, 6.38, 6.38); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

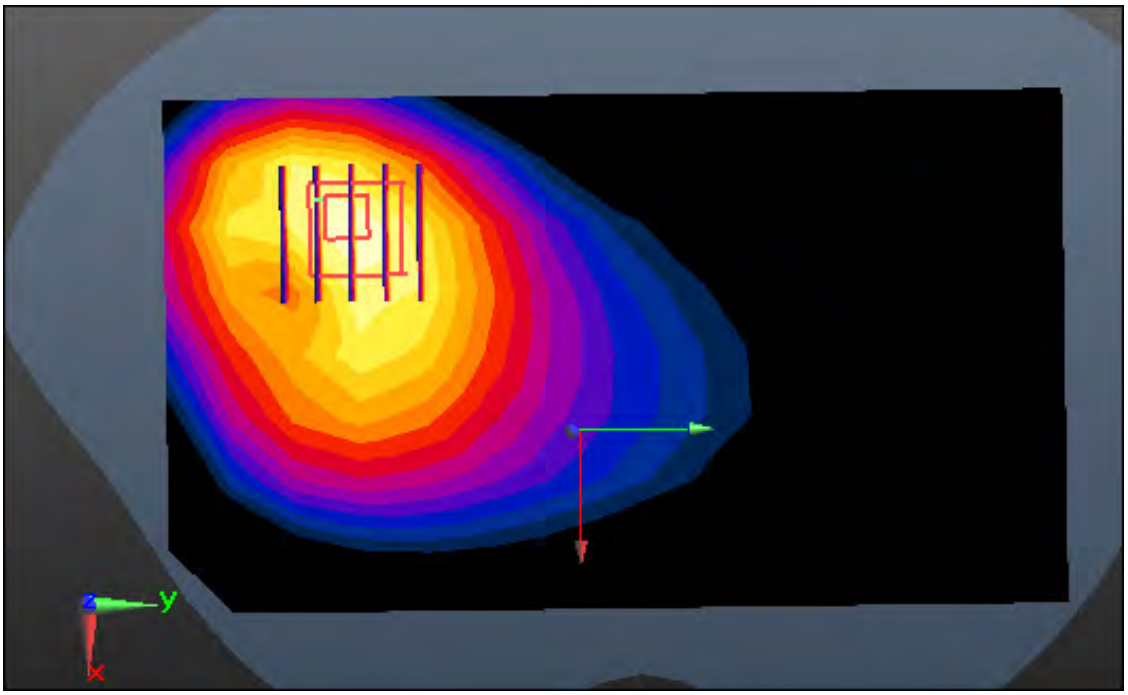
Test Date: 2019-09-04; Ambient Temp: 20.9; Tissue Temp: 21.6

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 251, Ant Internal

Area Scan (9x15x1): Measurement 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) = 2.07 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.705 W/kg



0 dB = 1.43 W/kg



Enlarged Plot for A28

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

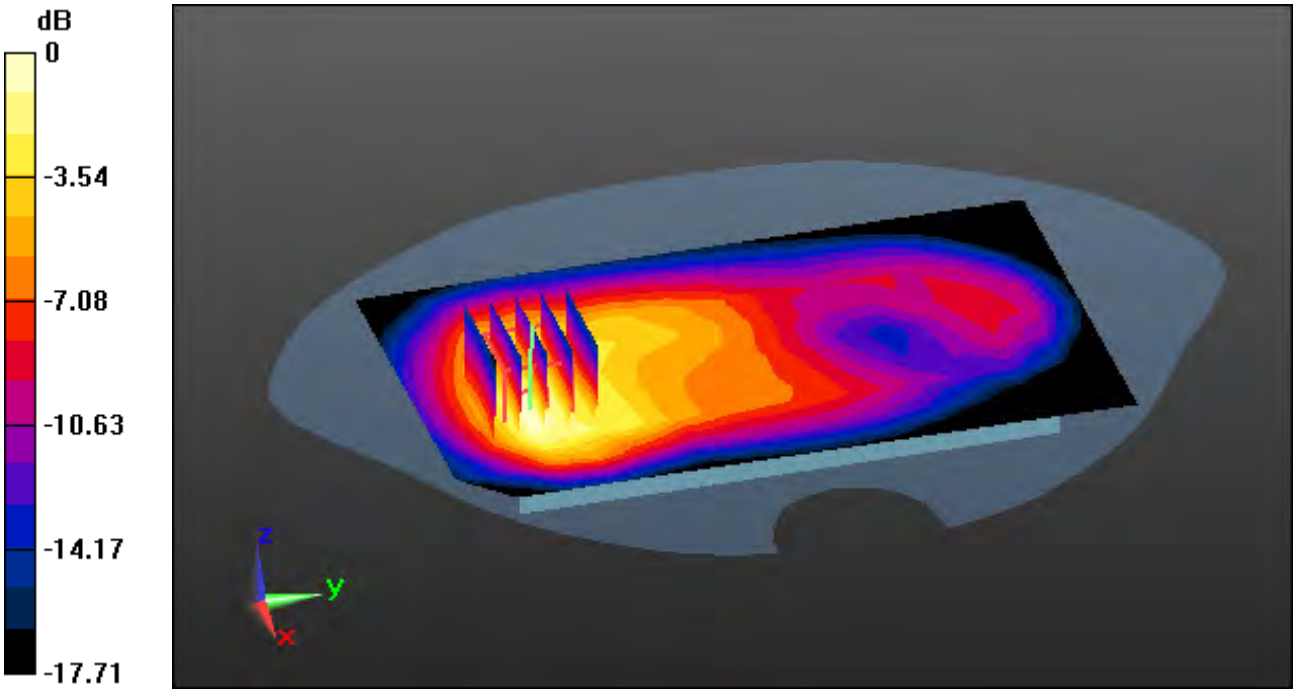
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.523 S/m; ε_r = 53.832; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

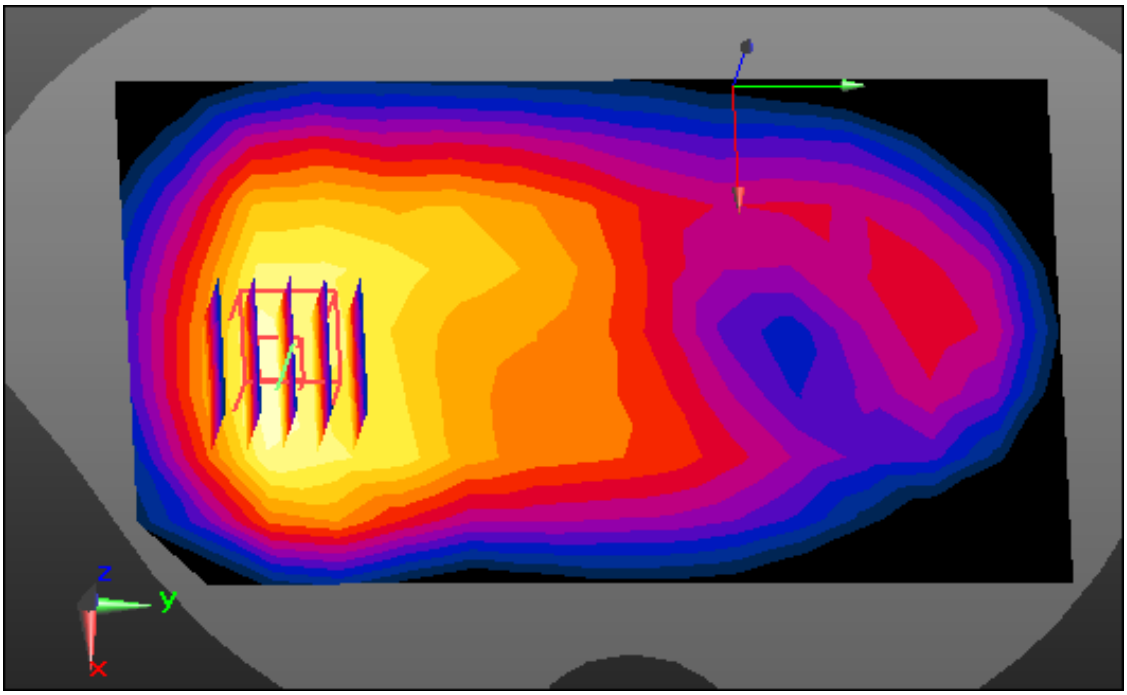
Test Date: 2019-09-05; Ambient Temp: 21.3; Tissue Temp: 21.1

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

Area Scan (9x15x1): Measurement 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) = 0.821 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.289 W/kg



0 dB = 0.619 W/kg



Enlarged Plot for A29

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

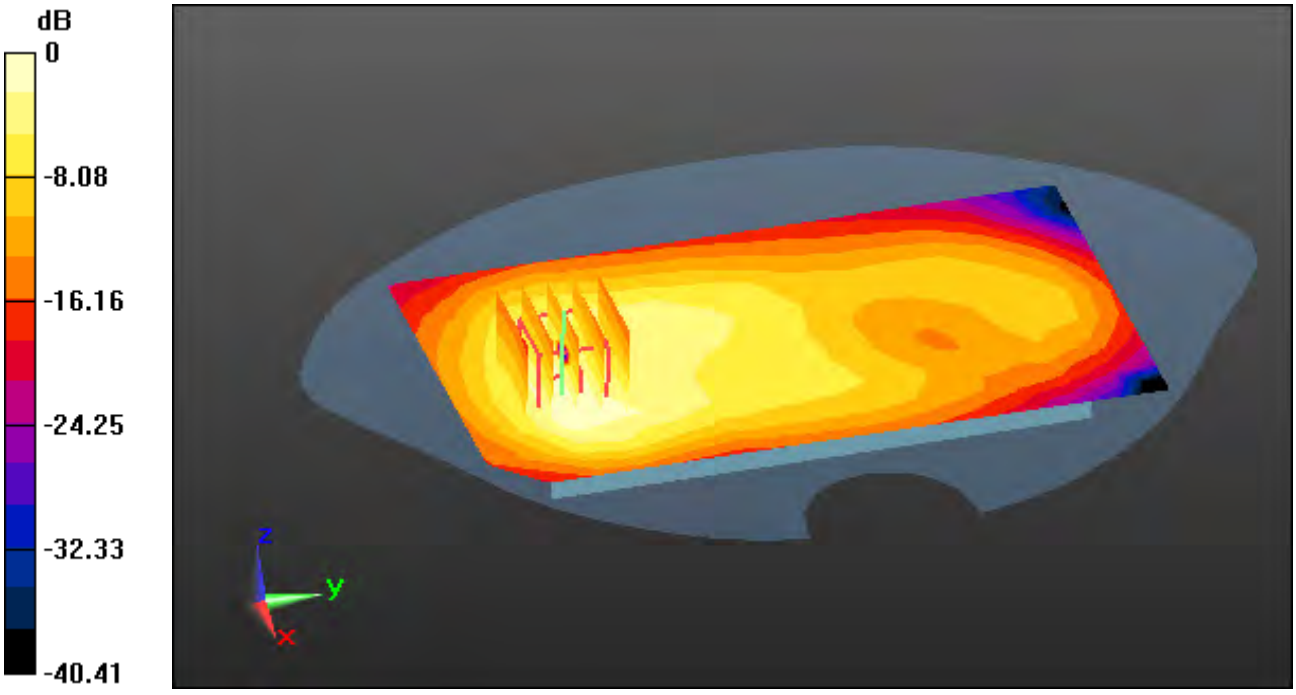
Communication System: UID 0, PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.523 S/m; ε_r = 53.832; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

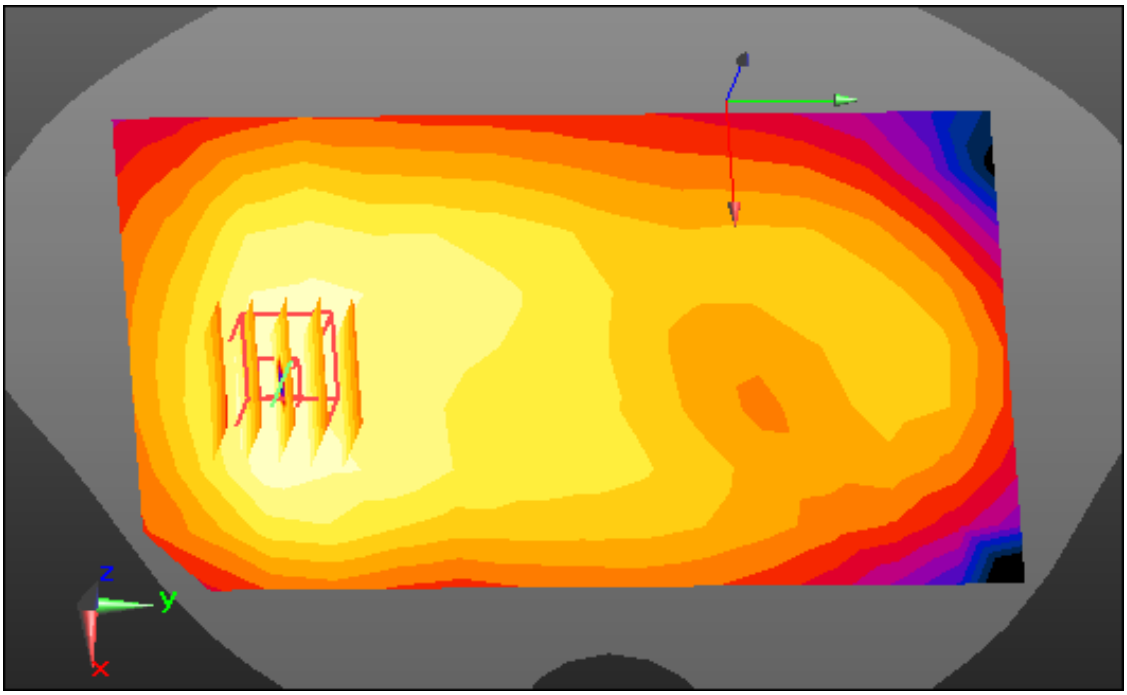
Test Date: 2019-09-05; Ambient Temp: 21.3; Tissue Temp: 21.1

1 cm space from Body, Rear, PCS1900 GPRS 3Tx Ch. 661, Ant Internal

Area Scan (9x15x1): Measurement 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) = 1.28 W/kg
SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.431 W/kg



0 dB = 0.960 W/kg



Enlarged Plot for A30

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

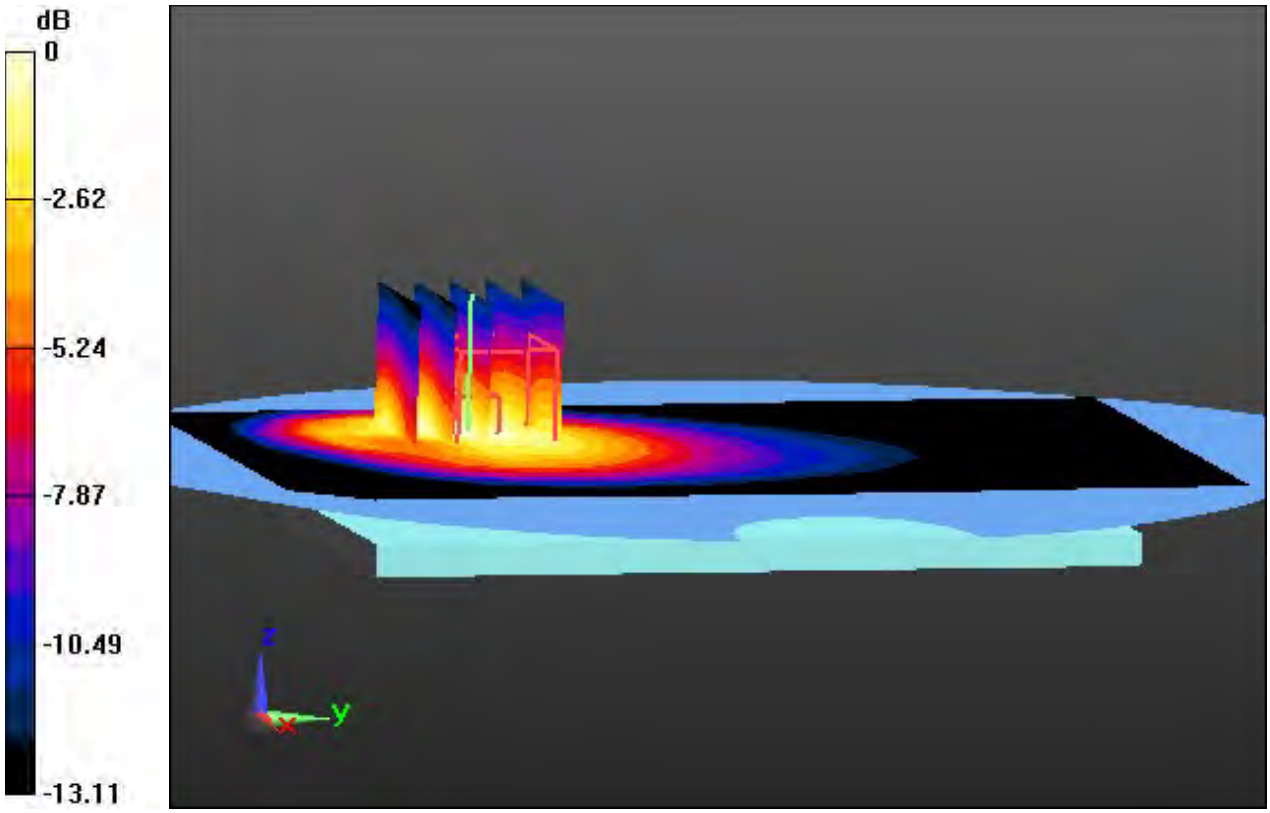
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 1.006 S/m; ε_r = 57.213; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.23, 10.23, 10.23) @ 836.6 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

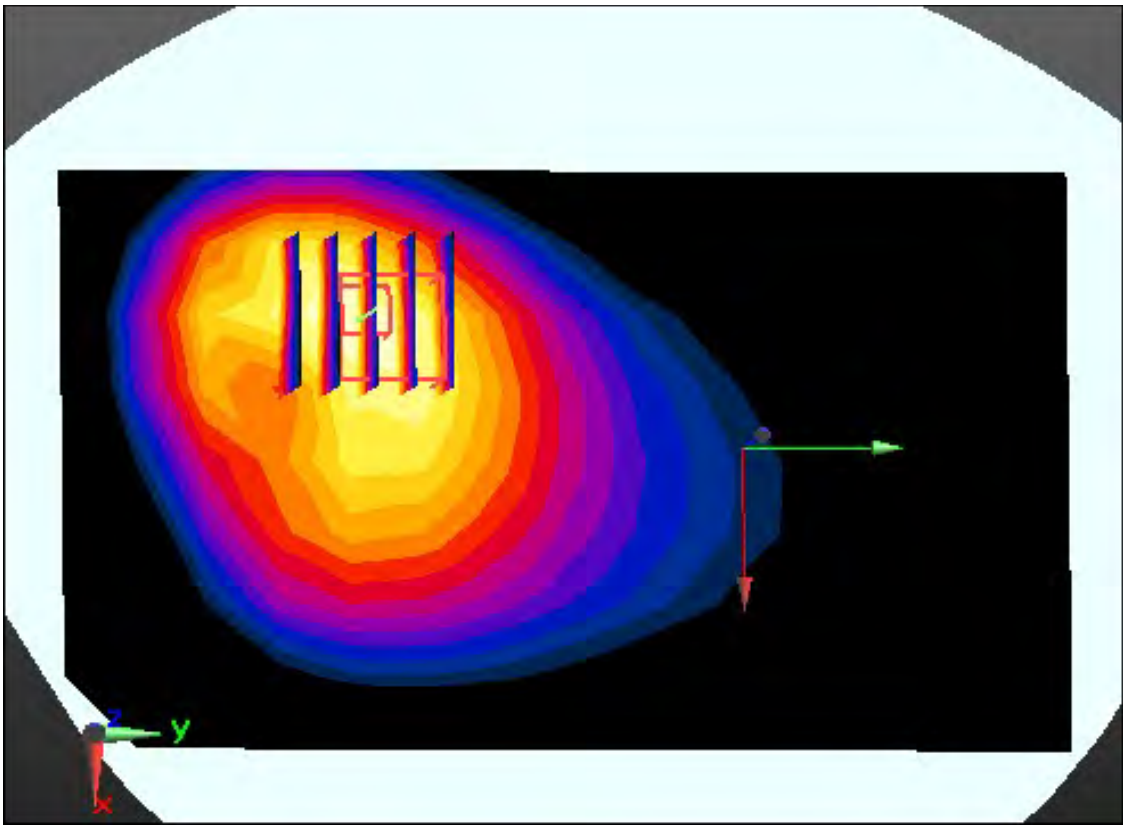
Test Date: 2019-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

1 cm space from Body, Rear, WCDMA Band 5 Ch. 4183, Ant. Internal

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.663 W/kg



0 dB = 1.44 W/kg



Enlarged Plot for A31

DUT: LM-G850EMW; Type: Bar

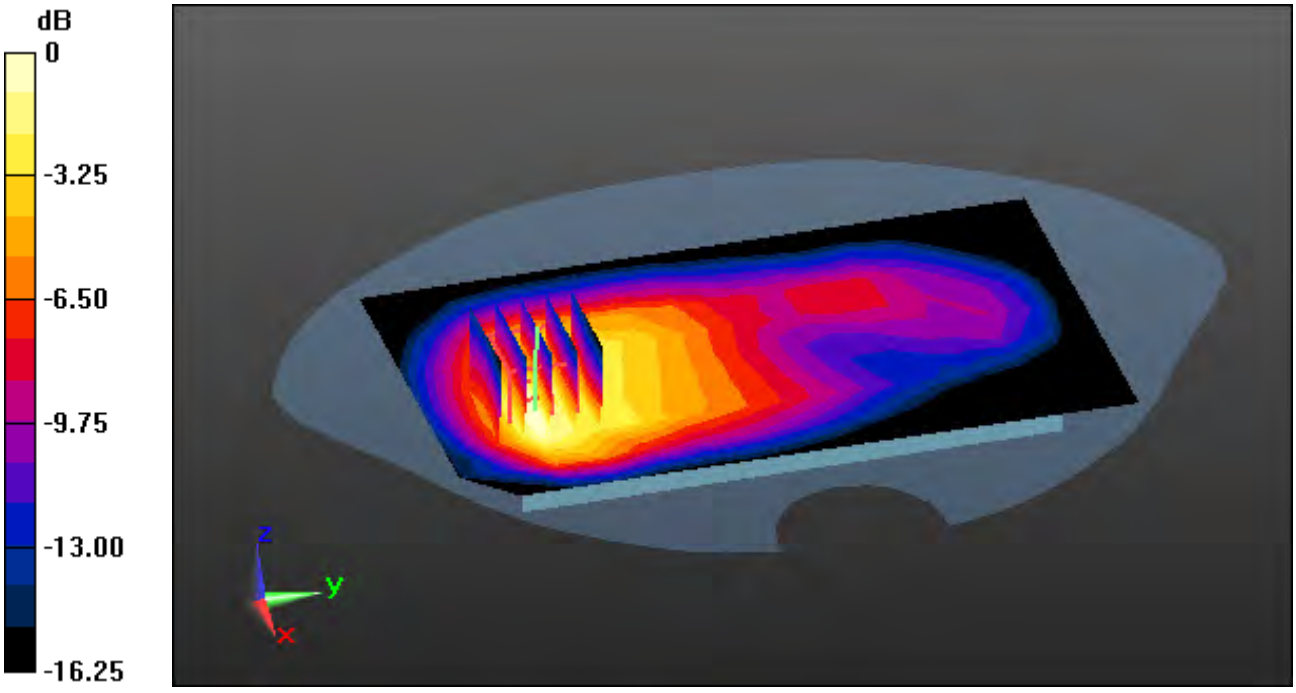
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.514 S/m; ε_r = 52.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

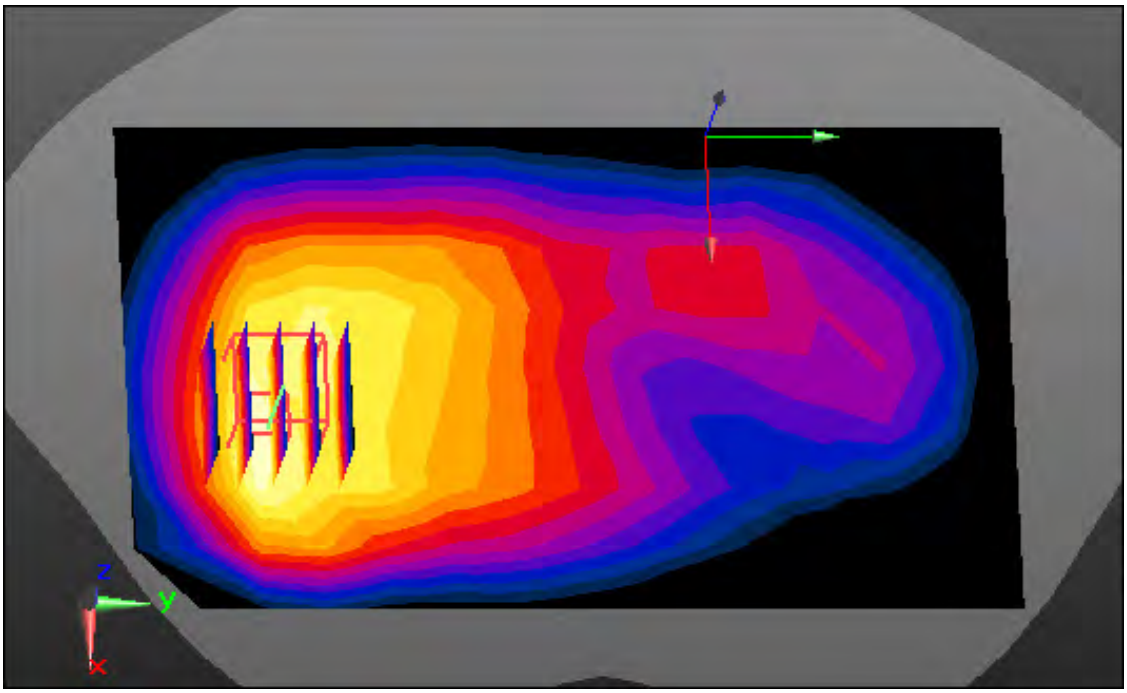
Test Date: 2019-09-10; Ambient Temp: 22.0; Tissue Temp: 21.4

1 cm space from Body, Rear, WCDMA Band 4 Ch. 1412, Ant Internal

Area Scan (9x15x1): Measurement 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) = 0.831 W/kg
SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.293 W/kg



0 dB = 0.633 W/kg



Enlarged Plot for A32

DUT: LM-G850EMW; Type: Bar

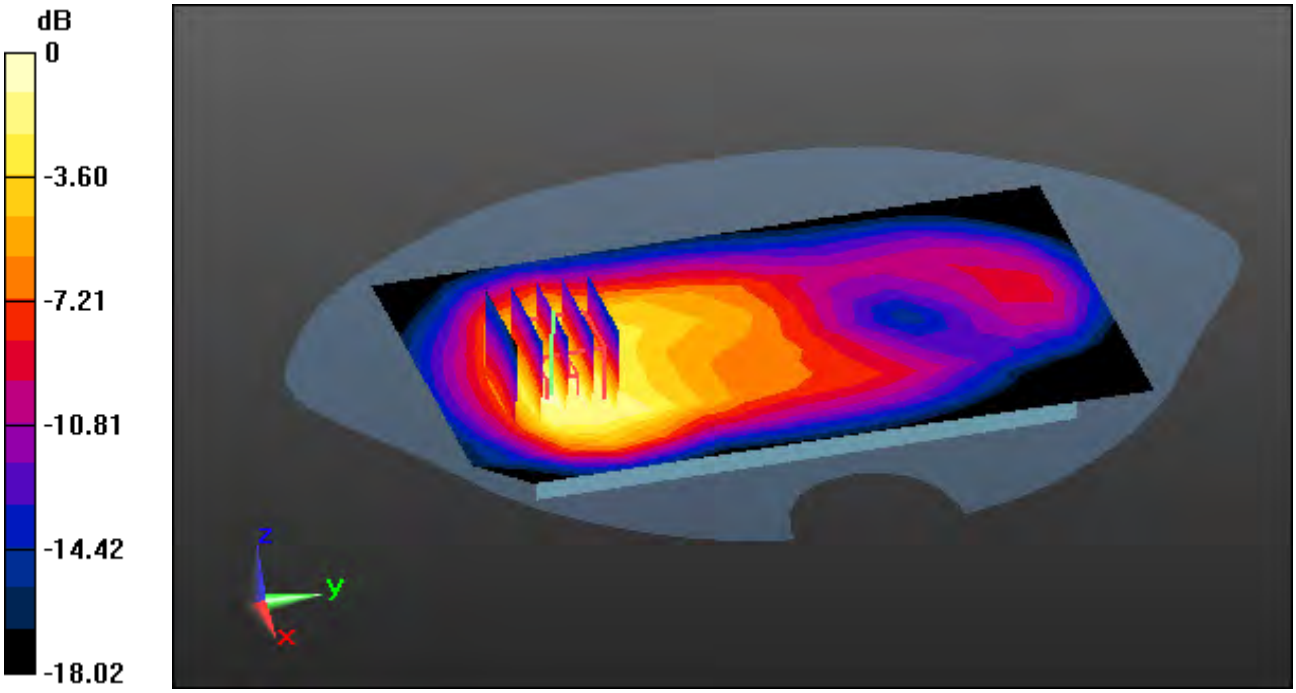
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.52 S/m; ε_r = 53.255; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

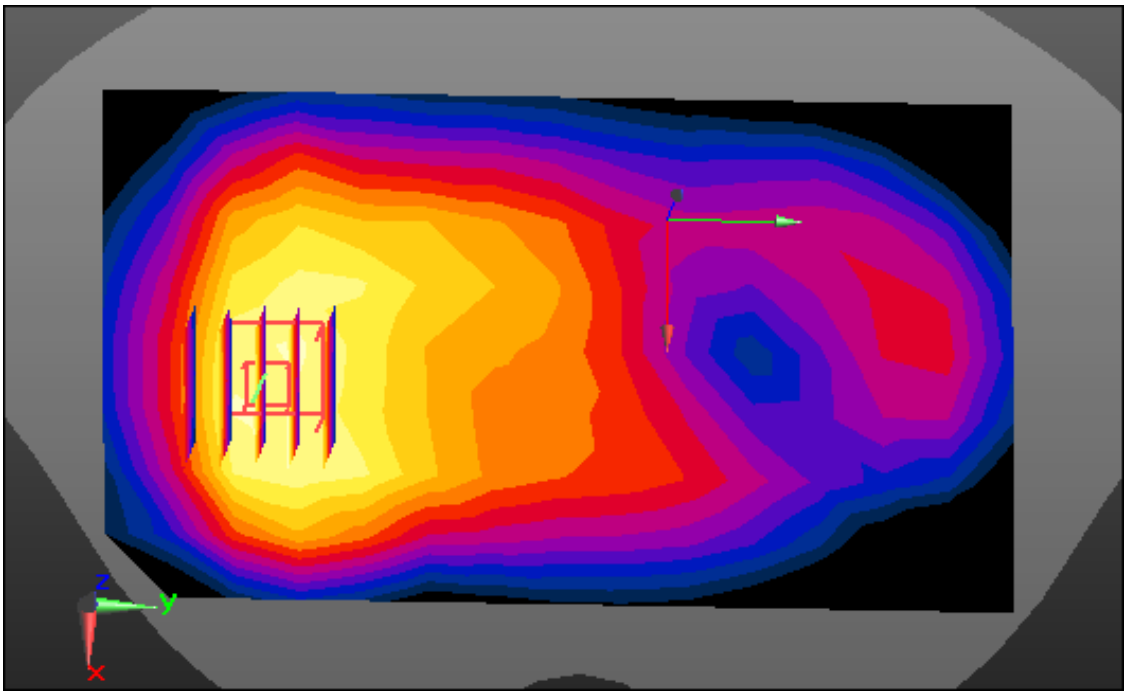
Test Date: 2019-09-09; Ambient Temp: 21.8; Tissue Temp: 21.5

1 cm space from Body, Rear, WCDMA Band 2 Ch. 9400, Ant Internal

Area Scan (9x15x1): Measurement 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) = 0.978 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.343 W/kg



0 dB = 0.717 W/kg



Enlarged Plot for A33

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 12 (FCC) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.942 S/m; ε_r = 54.203; ρ = 1000 kg/m^3
Phantom section: Flat Section

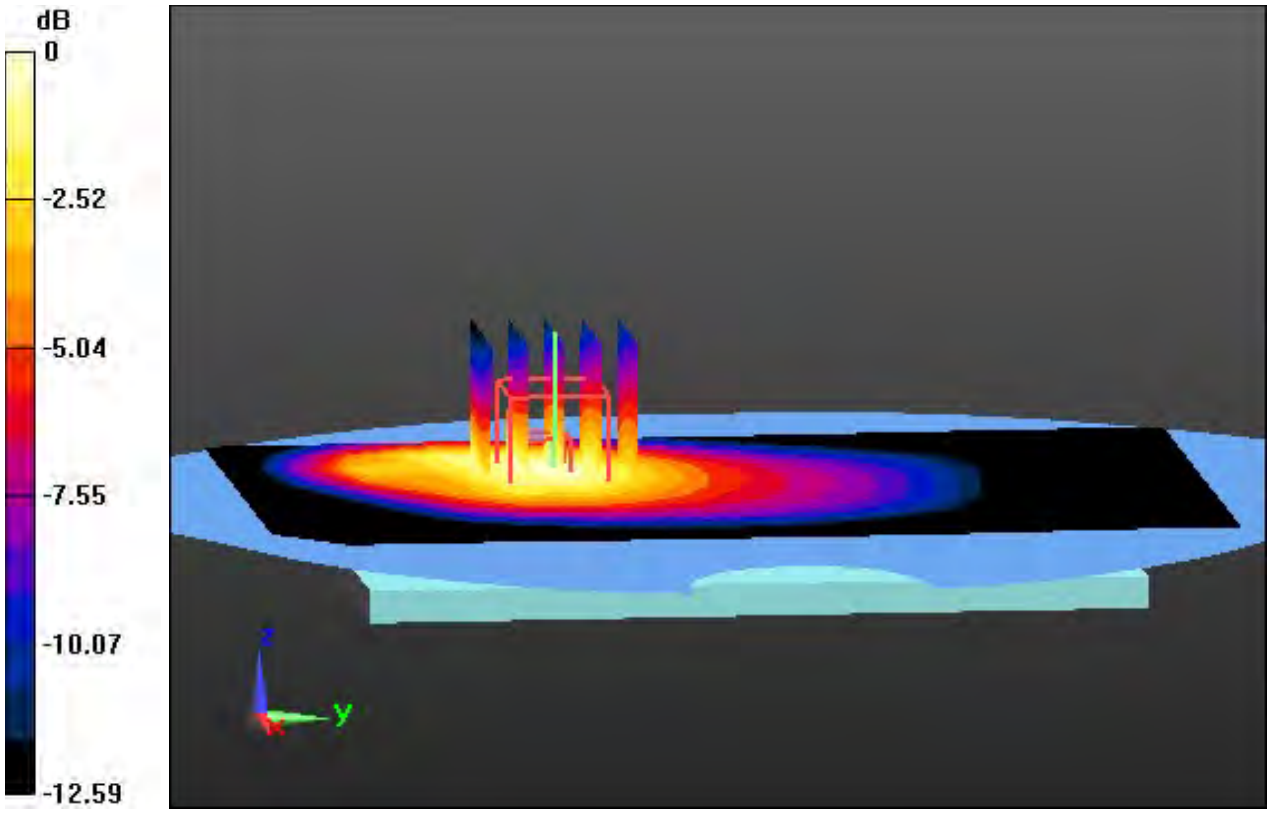
DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.26, 6.26, 6.26) @ 707.5 MHz; Calibrated: 2019-03-28
Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-09-19; Ambient Temp: 22.4; Tissue Temp: 22.3

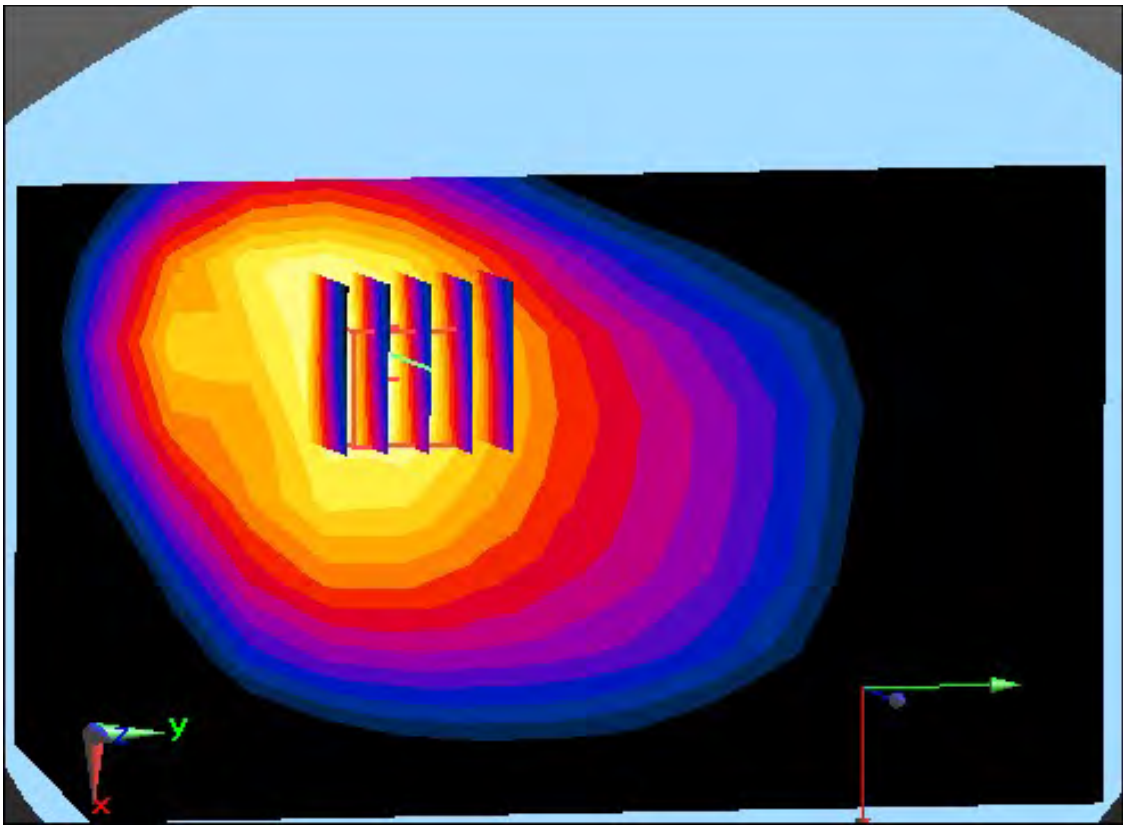
1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.905 W/kg
SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.355 W/kg



0 dB = 0.653 W/kg



Enlarged Plot for A34

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1.002 S/m; ε_r = 54.353; ρ = 1000 kg/m^3
Phantom section: Flat Section

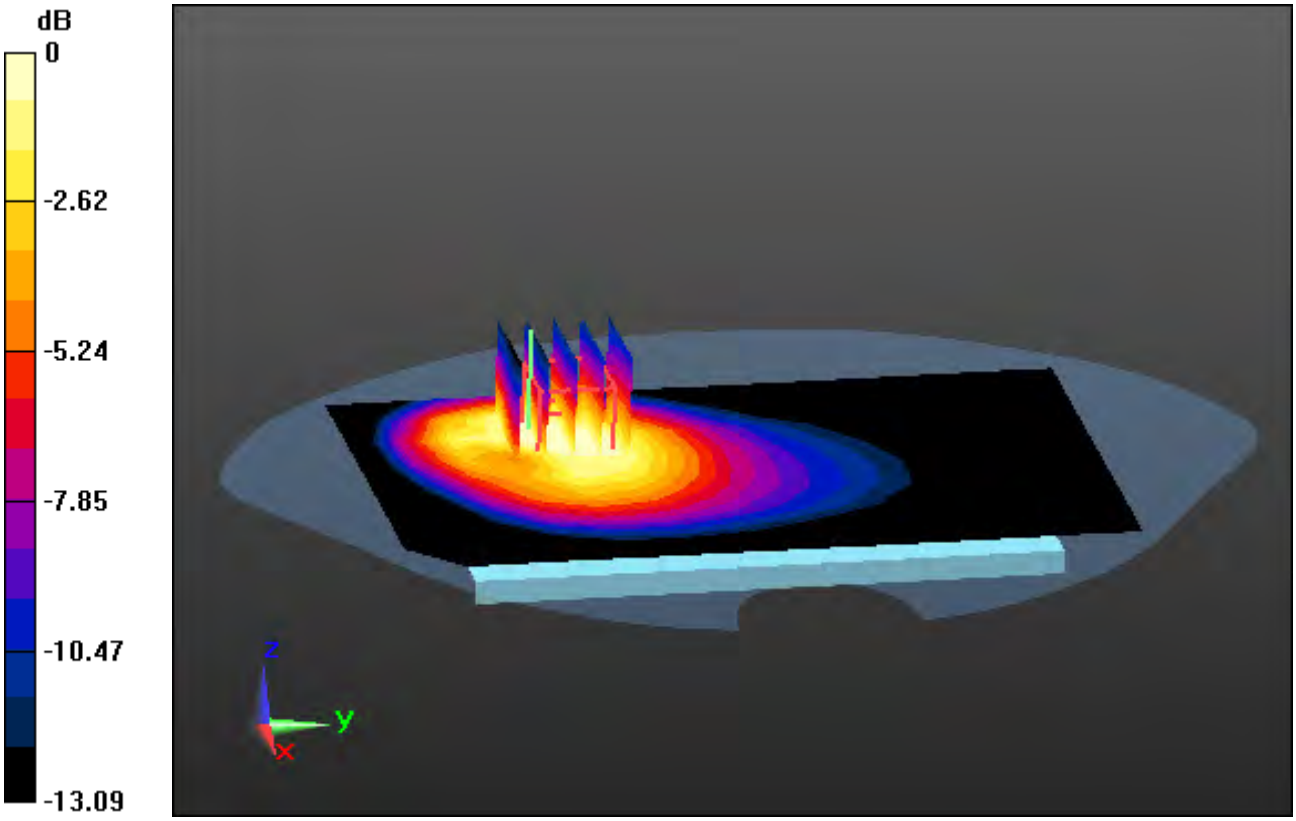
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.38, 6.38, 6.38); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-13; Ambient Temp: 21.8; Tissue Temp: 21.1

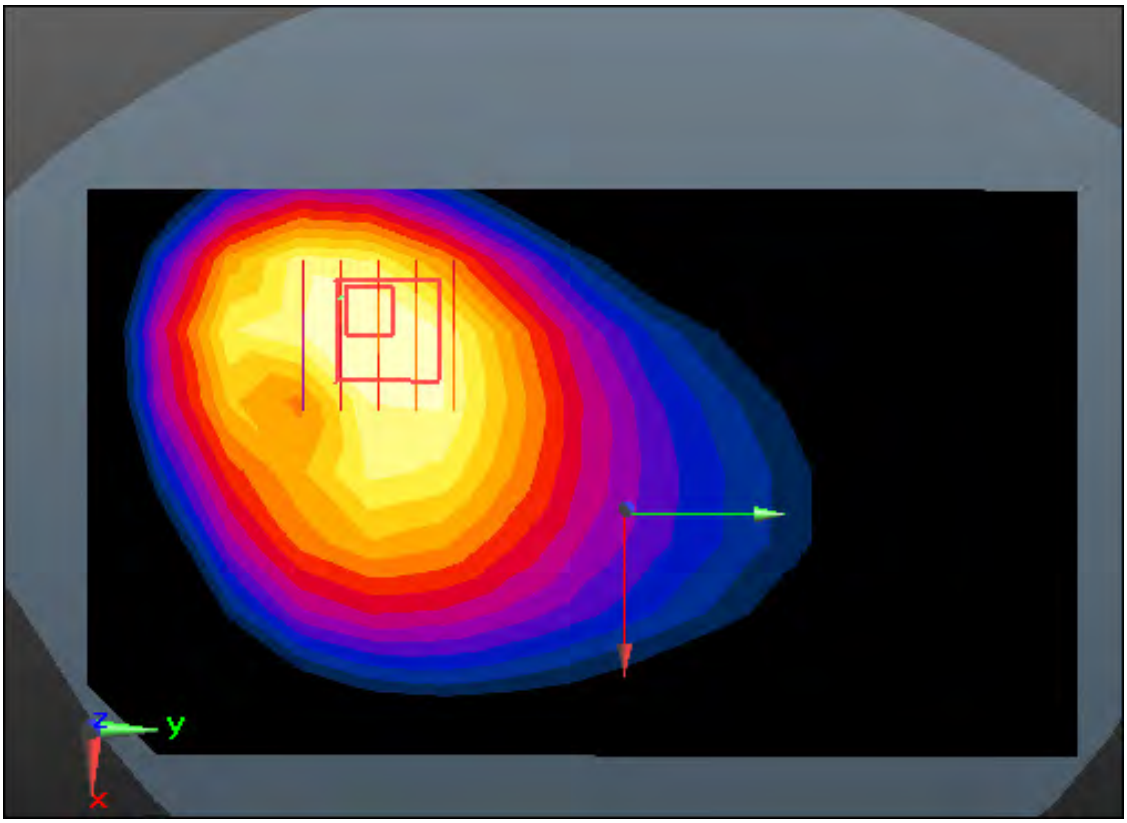
1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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

Area Scan (9x15x1): Measurement 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) = 1.63 W/kg
SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.585 W/kg



0 dB = 1.14 W/kg



Enlarged Plot for A35

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.513 S/m; ε_r = 52.084; ρ = 1000 kg/m^3
Phantom section: Flat Section

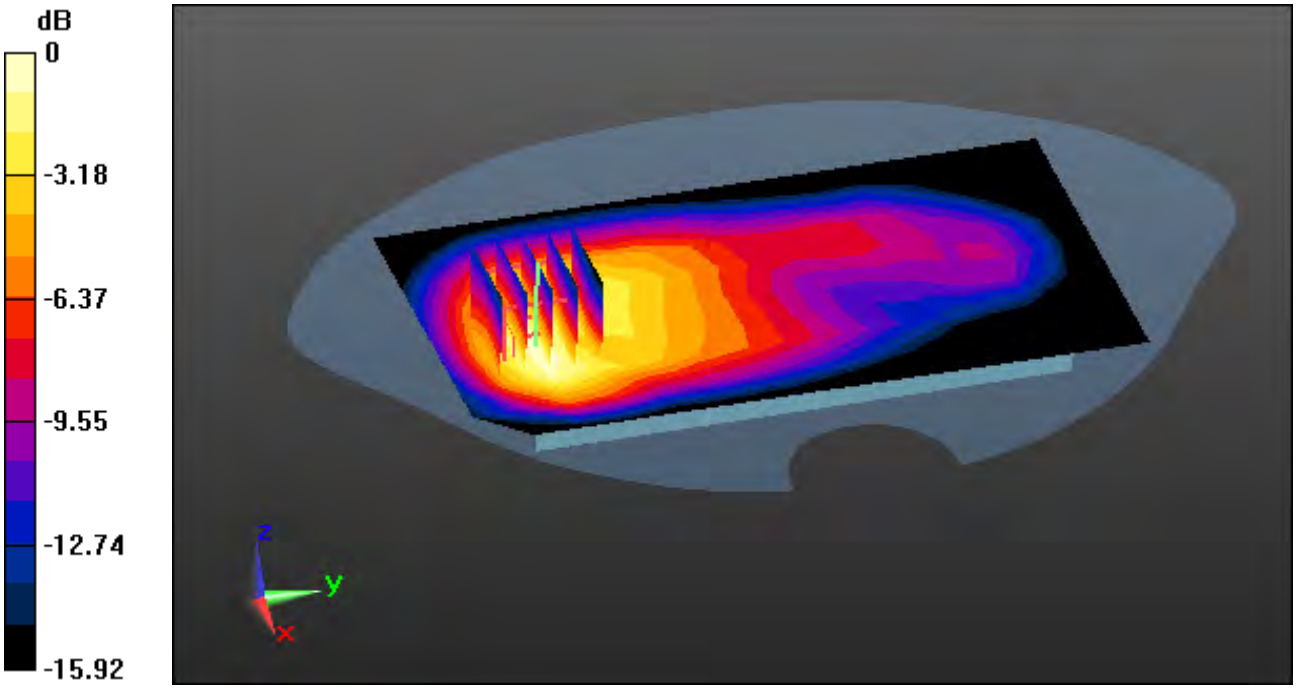
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-12; Ambient Temp: 21.6; Tissue Temp: 20.4

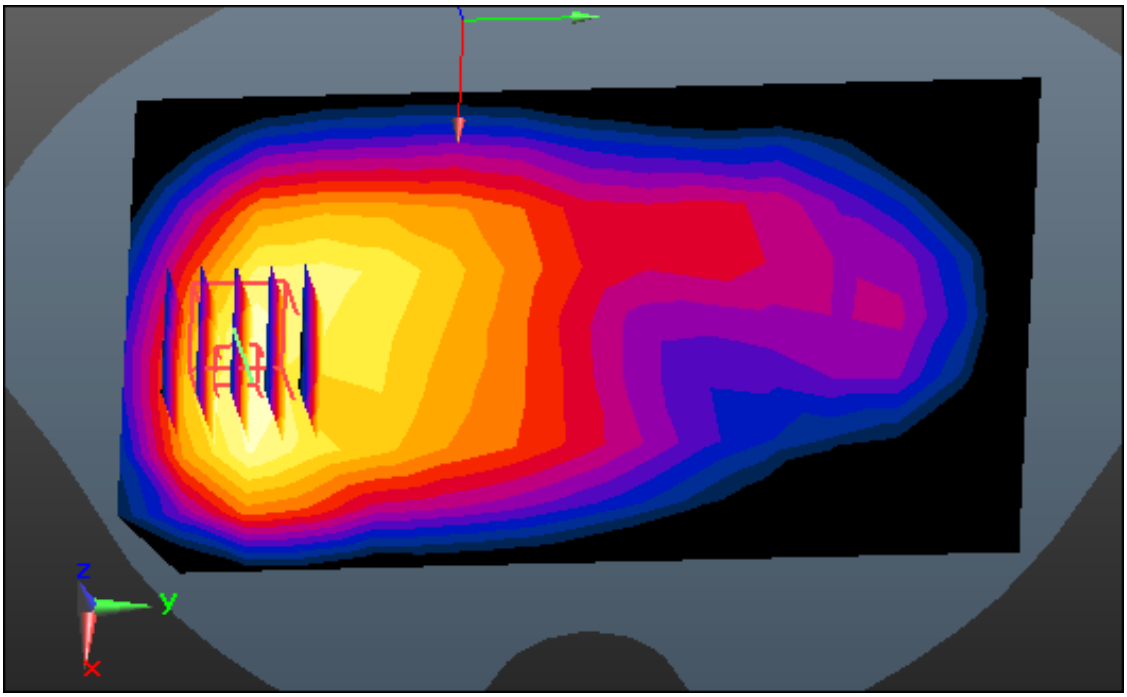
1 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal

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

Area Scan (9x15x1): Measurement 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) = 0.934 W/kg
SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.328 W/kg



0 dB = 0.678 W/kg



Enlarged Plot for A36

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.504 S/m; ε_r = 53.971; ρ = 1000 kg/m^3
Phantom section: Flat Section

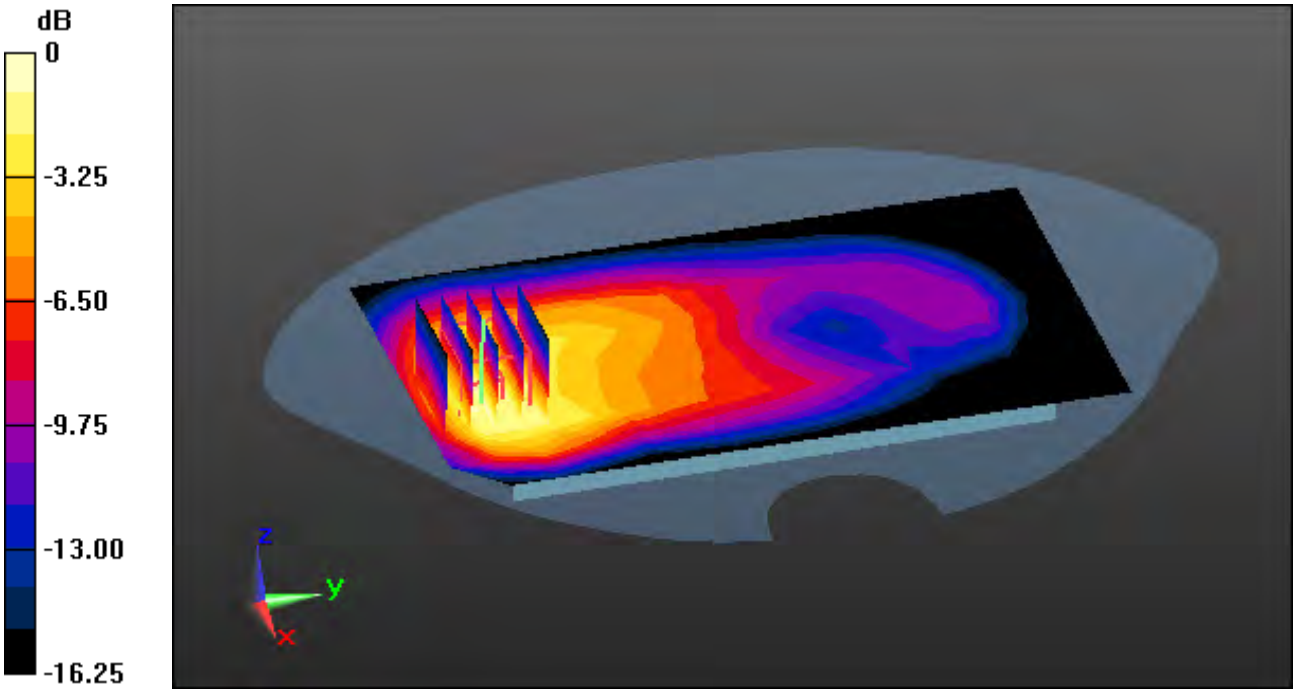
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-11; Ambient Temp: 21.8; Tissue Temp: 22.4

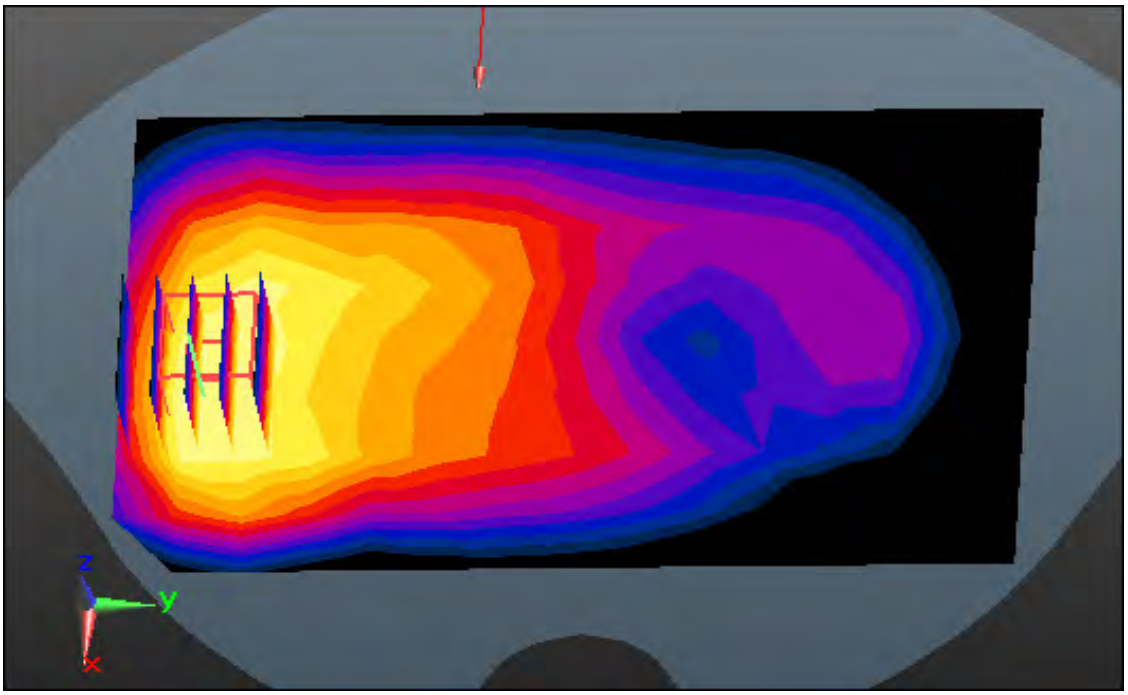
1 cm space from Body, Rear, LTE Band 2 Ch. 18700, Ant Internal

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

Area Scan (9x15x1): Measurement 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) = 0.878 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.318 W/kg



0 dB = 0.662 W/kg



Enlarged Plot for A37

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.08 S/m; ε_r = 51.609; ρ = 1000 kg/m^3
Phantom section: Flat Section

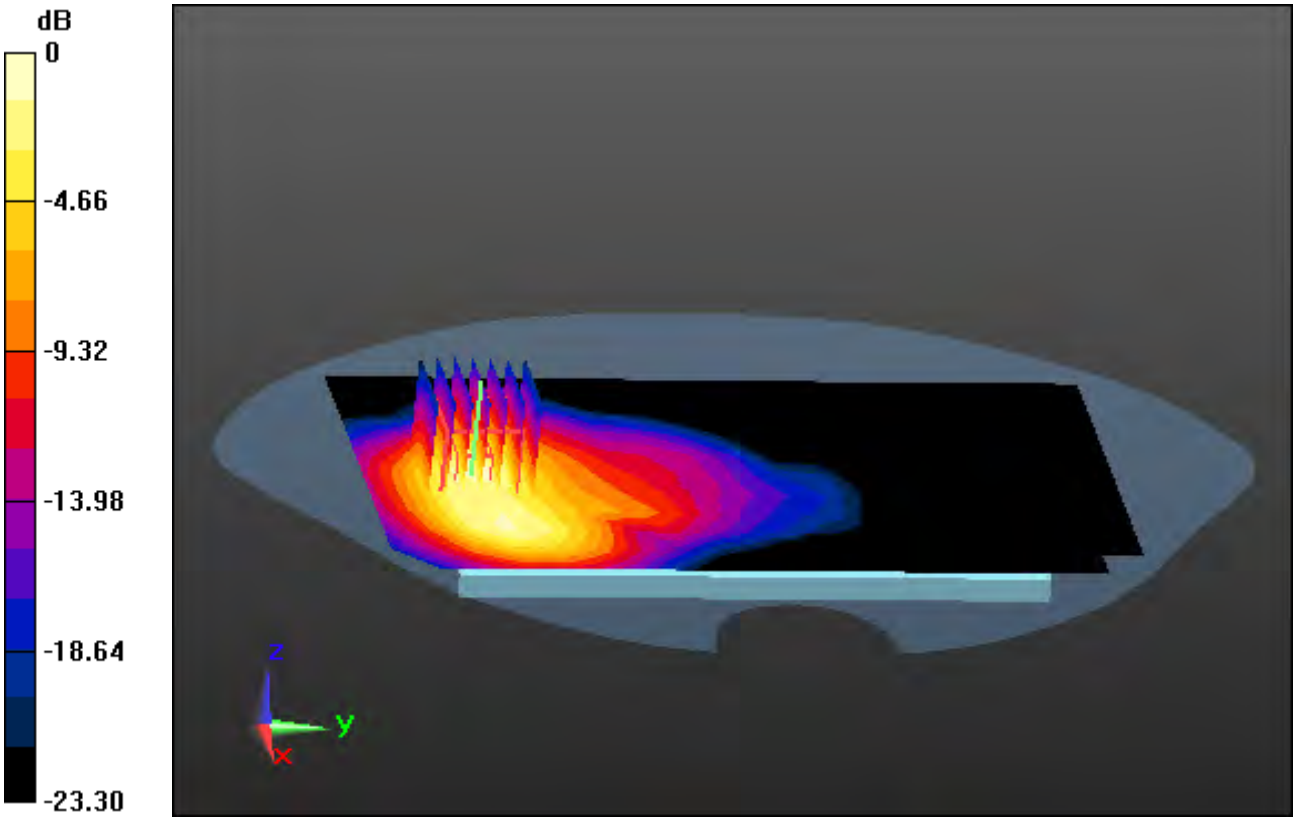
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-03; Ambient Temp: 21.3; Tissue Temp: 21.6

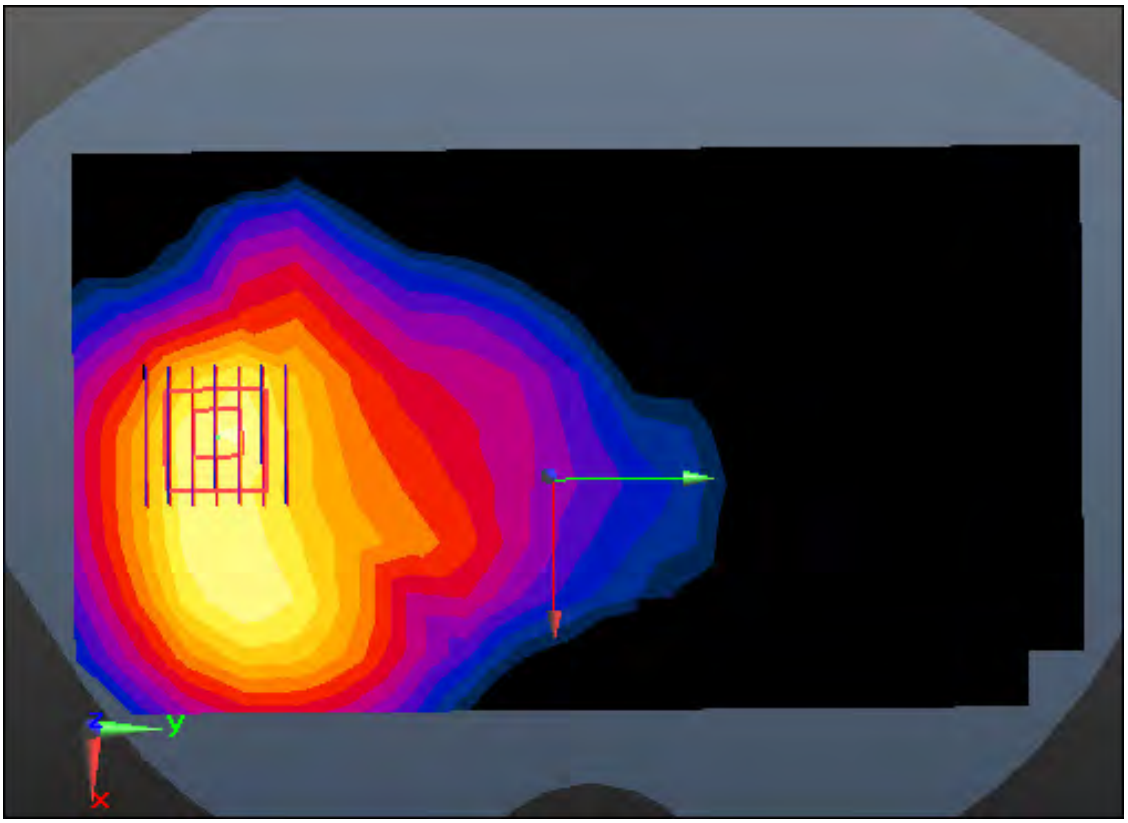
1 cm space from Body, Rear, LTE Band 7 Ch. 21100, Ant Internal

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

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.329 W/kg



0 dB = 0.996 W/kg



Enlarged Plot for A38

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 2680 MHz; σ = 2.252 S/m; ε_r = 51.044; ρ = 1000 kg/m^3
Phantom section: Flat Section

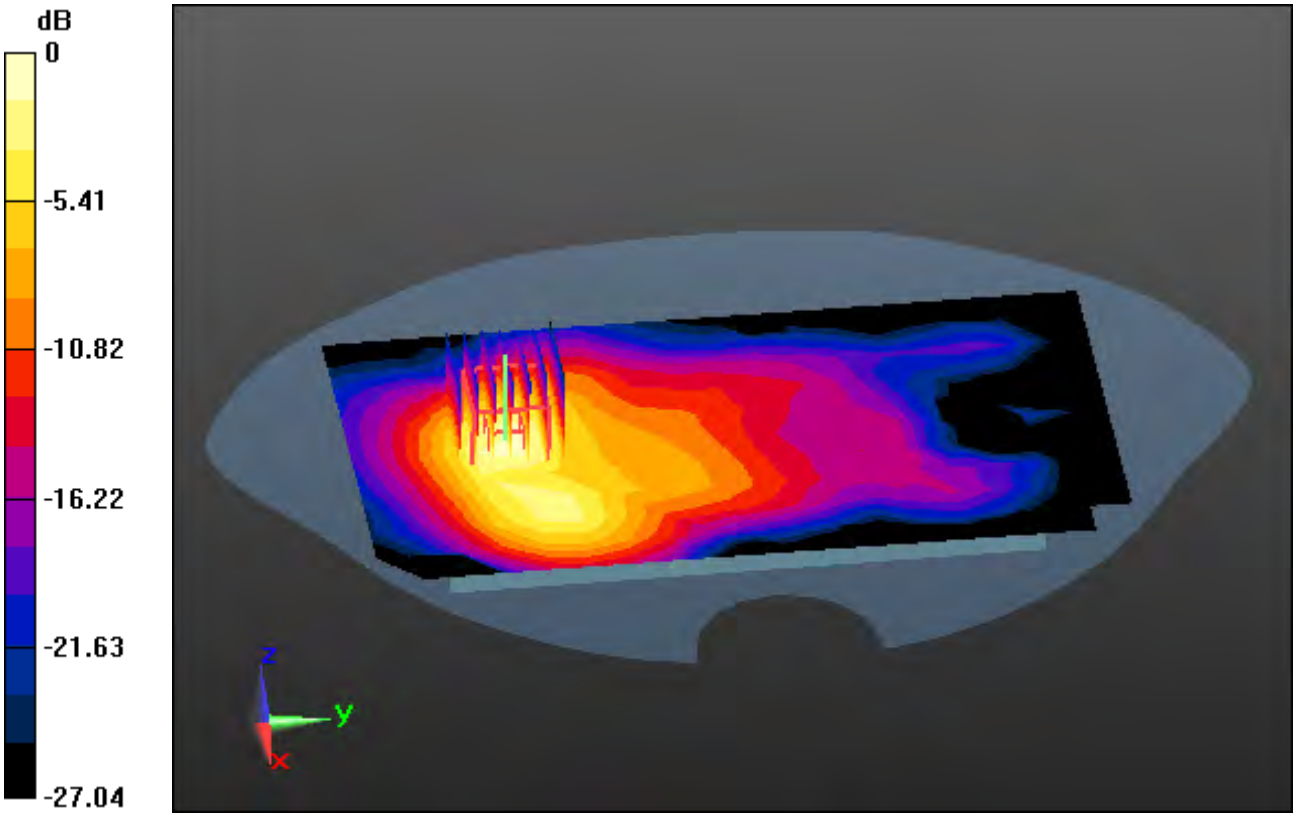
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-16; Ambient Temp: 21.3; Tissue Temp: 21.0

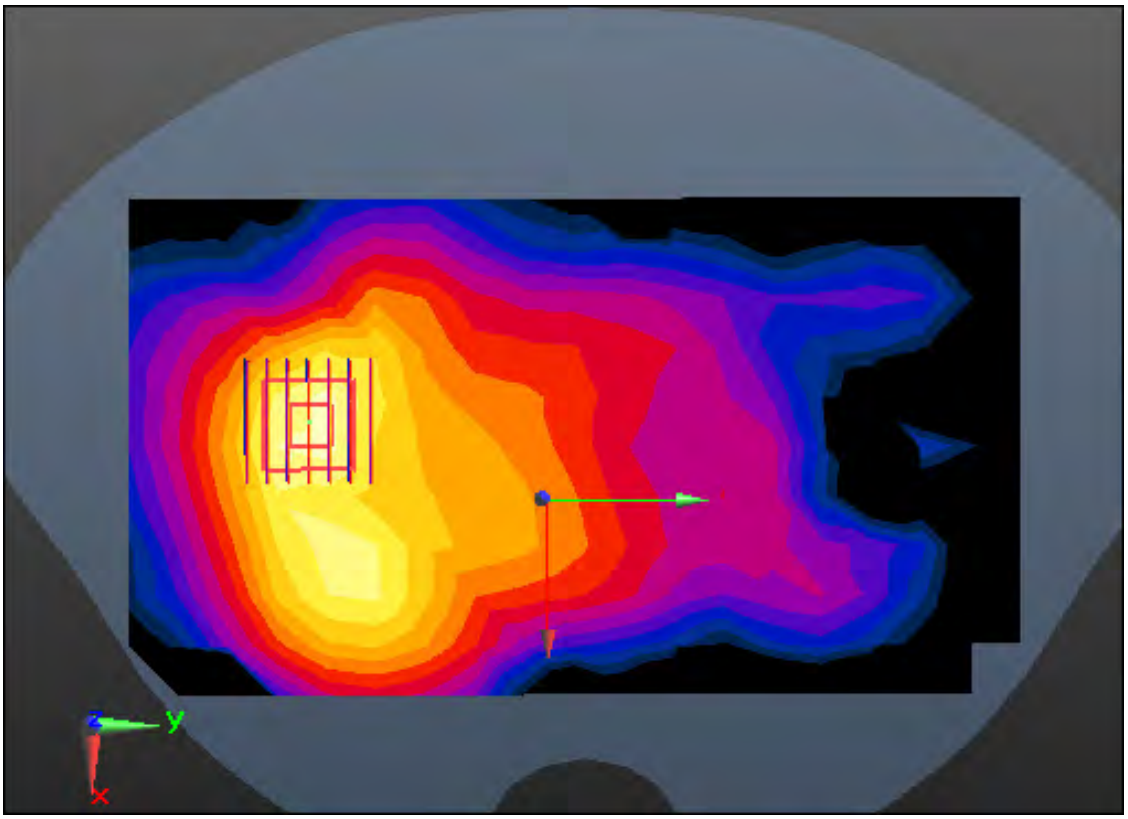
1 cm space from Body, Rear, LTE Band 41 Ch. 41490, Ant Internal

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

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.811 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.178 W/kg



0 dB = 0.515 W/kg



Enlarged Plot for A39

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

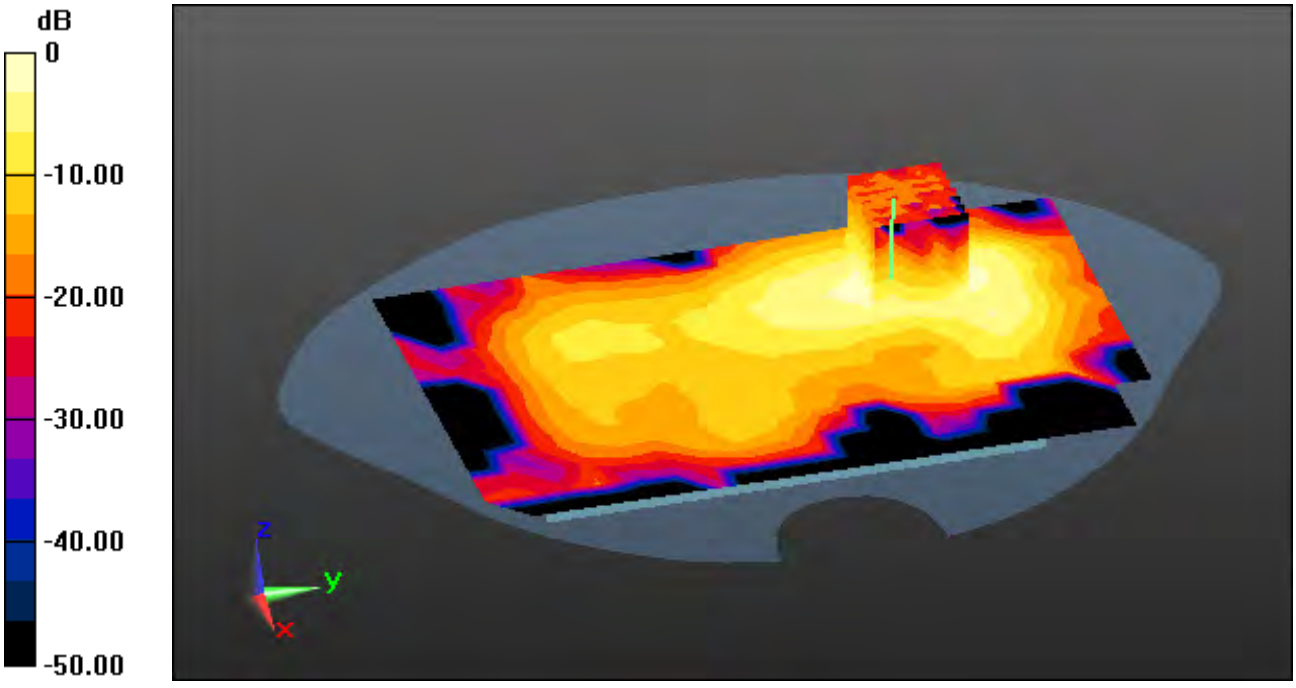
Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.851 S/m; ε_r = 50.928; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

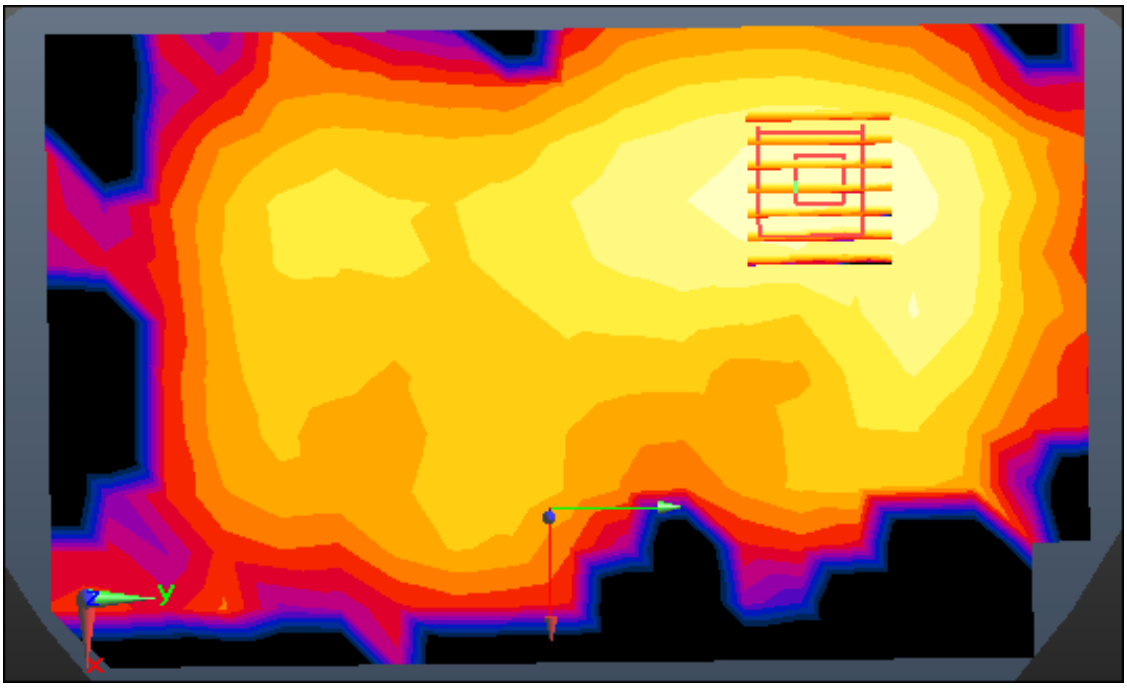
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

1 cm space from Body, Rear, WLAN(802.11b) Ch. 1, Ant Internal, Ant.1

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.176 W/kg



Enlarged Plot for A40

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

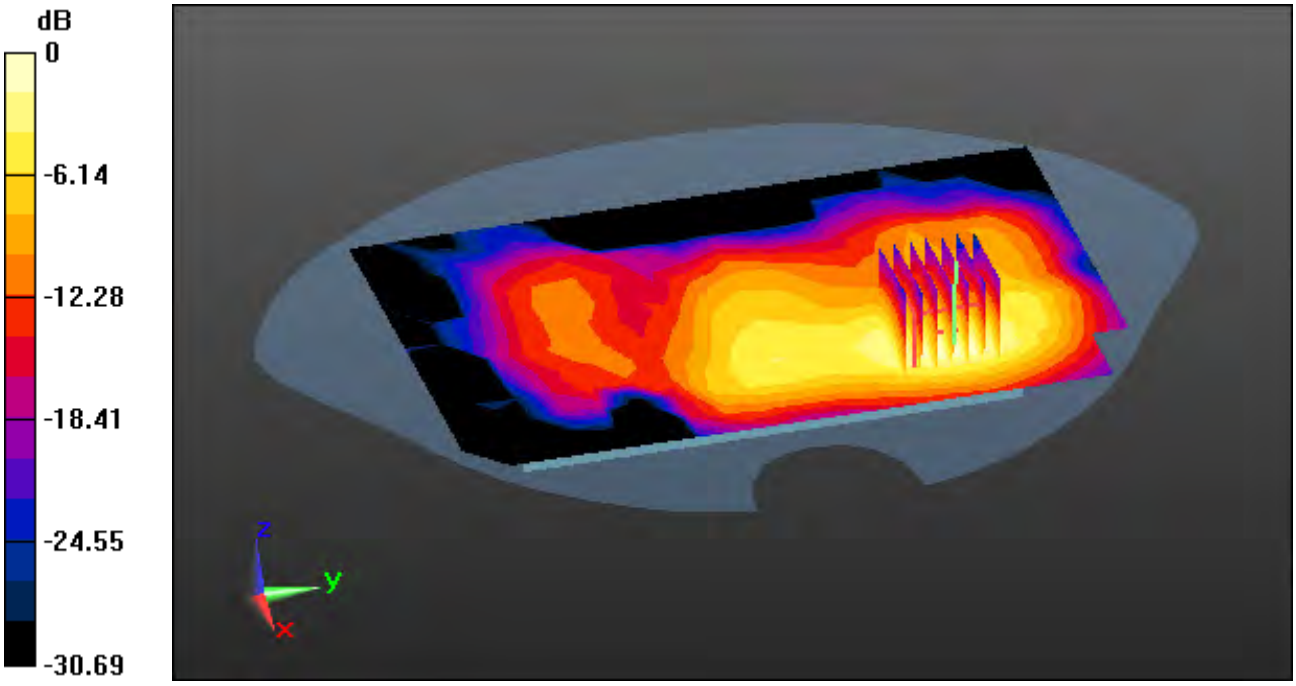
Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.851 S/m; ε_r = 50.928; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

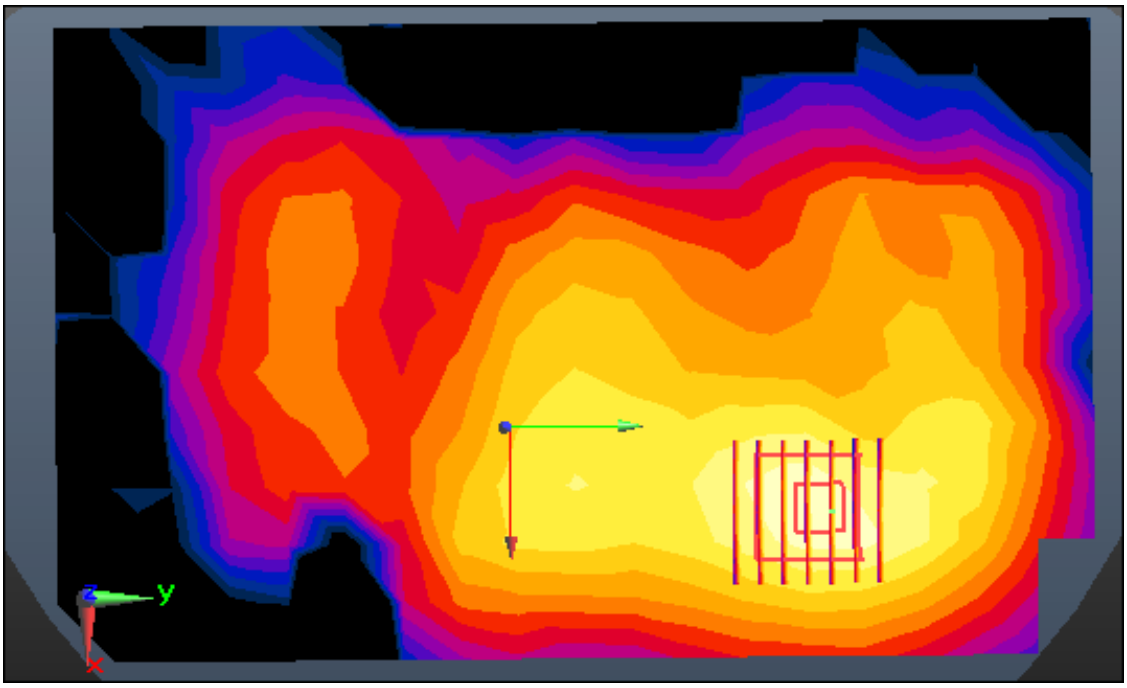
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

1 cm space from Body, Rear, WLAN(802.11b) Ch. 1, Ant Internal, Ant.2

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.085 W/kg



0 dB = 0.255 W/kg



Enlarged Plot for A41

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

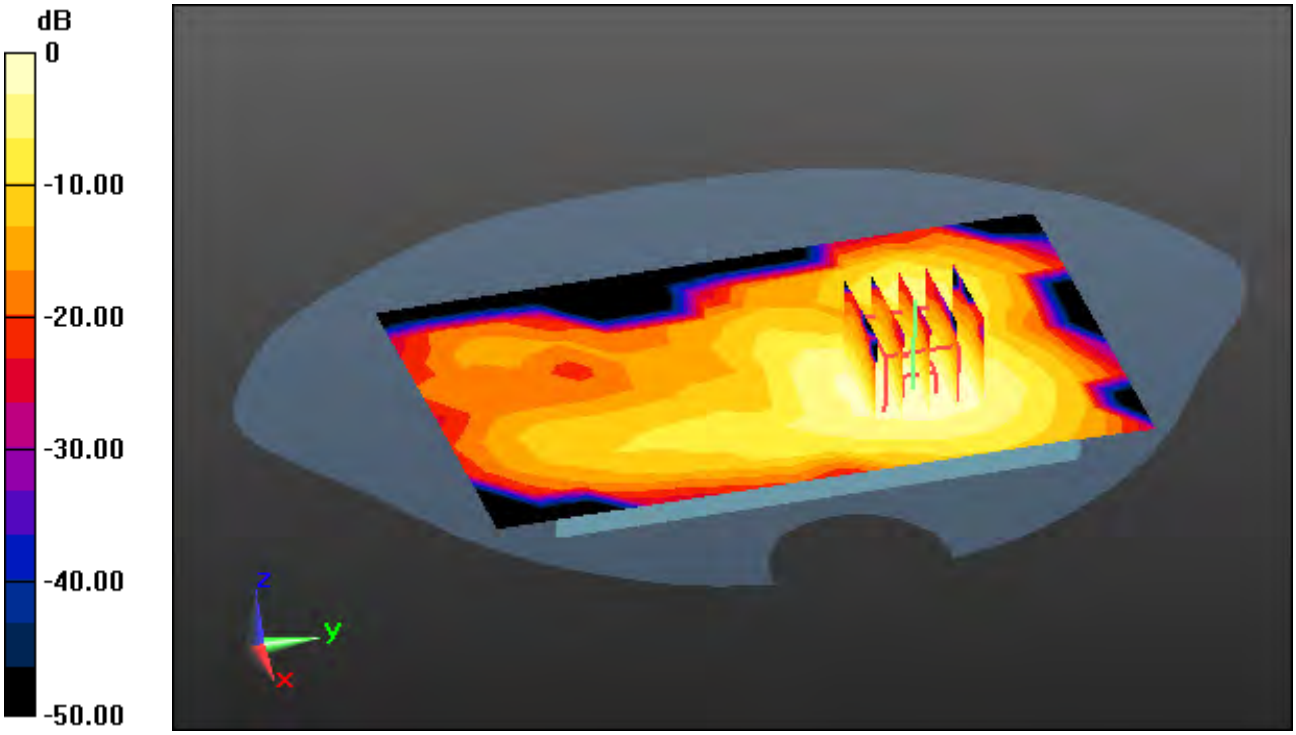
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.881 S/m; ε_r = 50.862; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

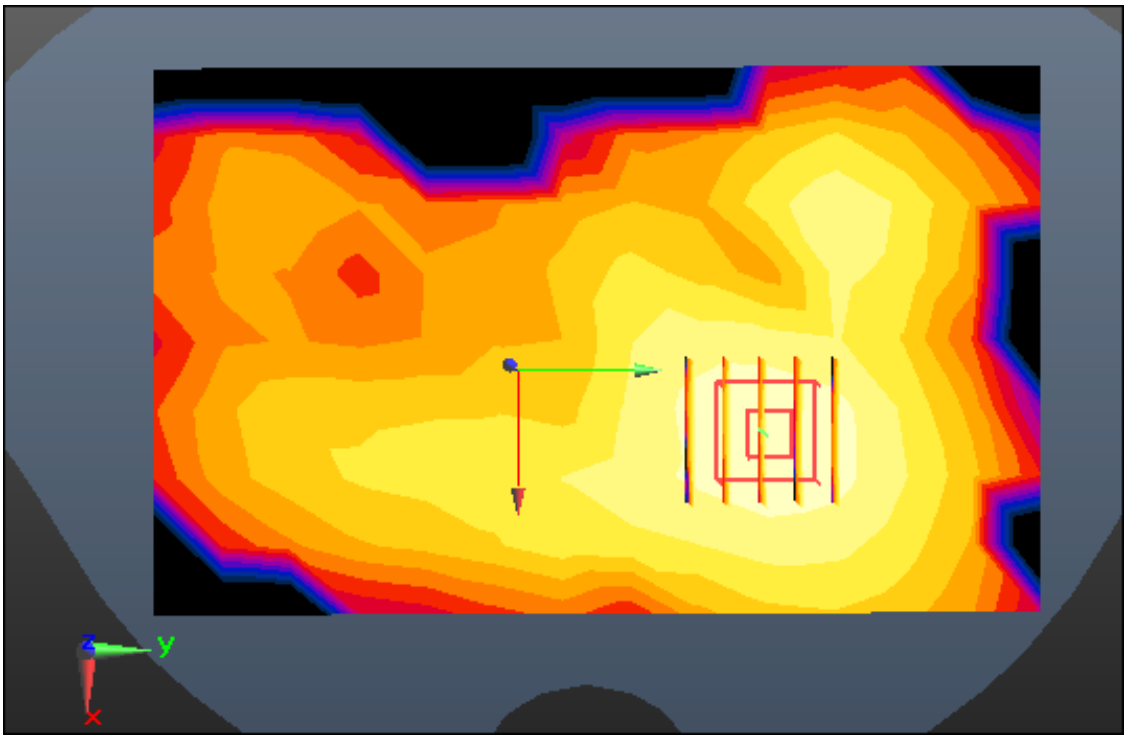
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

1 cm space from Body, Rear, WLAN(802.11g) Ch. 6, Ant Internal, MIMO

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.076 W/kg



0 dB = 0.229 W/kg



Enlarged Plot for A42

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

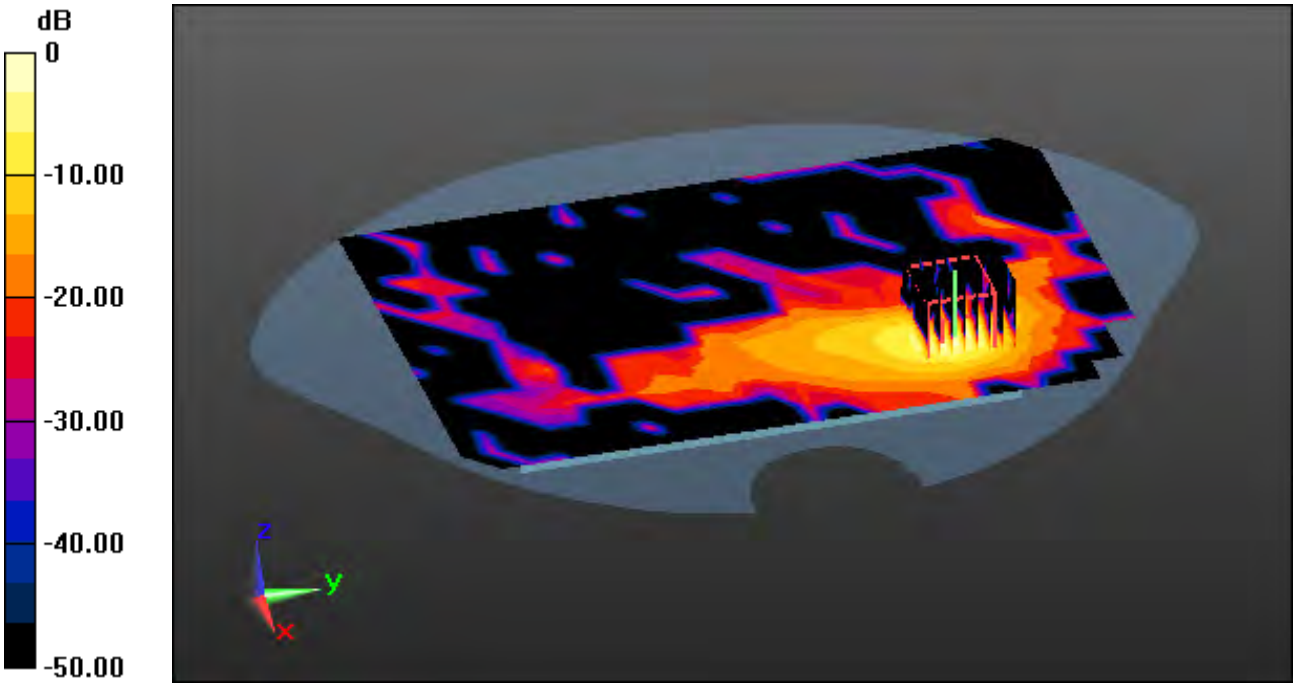
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.201 S/m; ε_r = 49.69; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

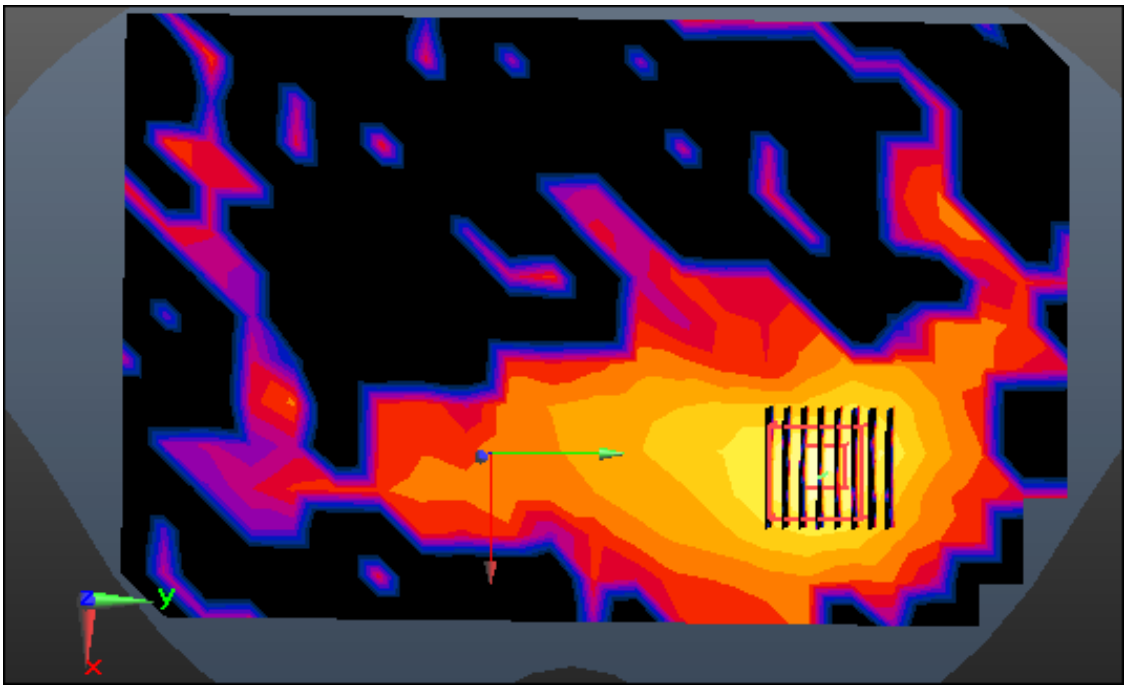
Test Date: 2019-08-28; Ambient Temp: 21.1; Tissue Temp: 20.7

1 cm space from Body, Rear, WLAN(802.11a) Ch. 52, Ant Internal, Ant.1

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.480 W/kg



Enlarged Plot for A43

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

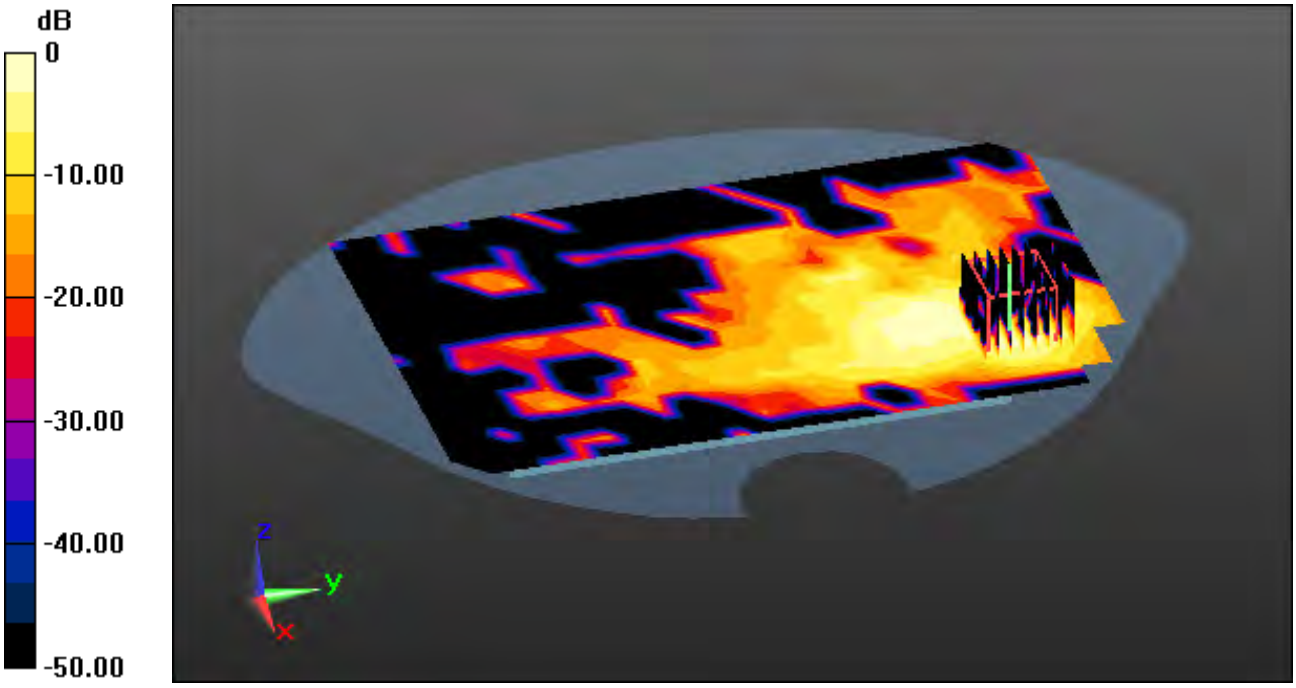
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.249 S/m; ε_r = 49.614; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

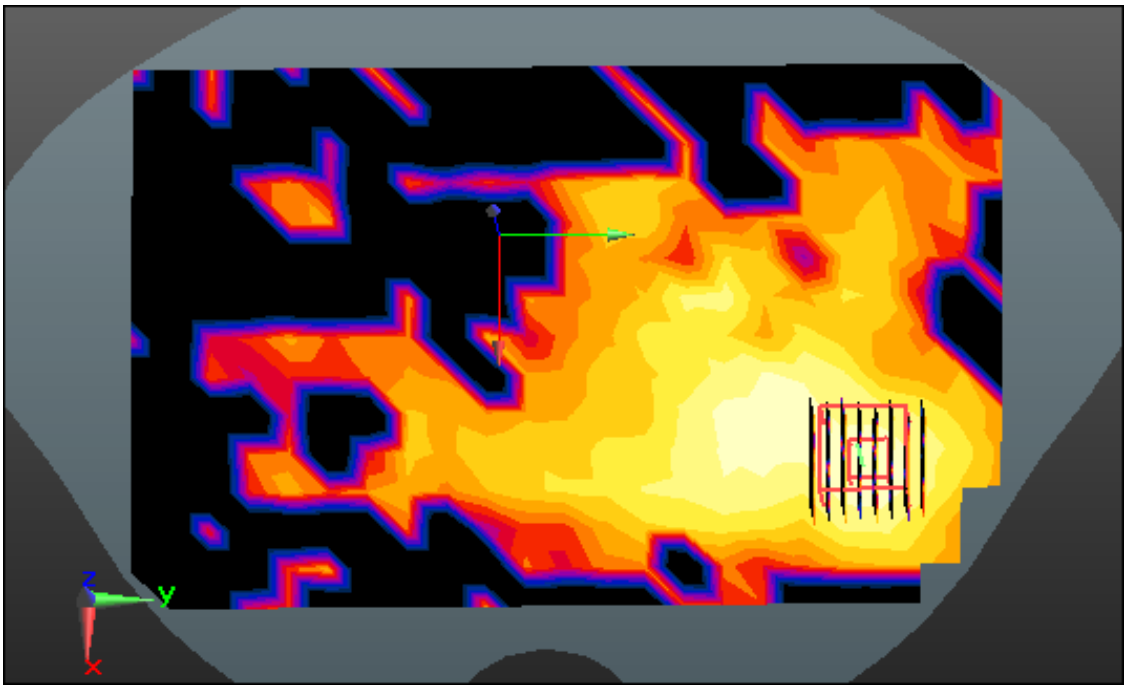
Test Date: 2019-08-28; Ambient Temp: 21.1; Tissue Temp: 20.7

1 cm space from Body, Rear, WLAN(802.11a) Ch. 60, Ant Internal, Ant.2

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.110 W/kg



Enlarged Plot for A44

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

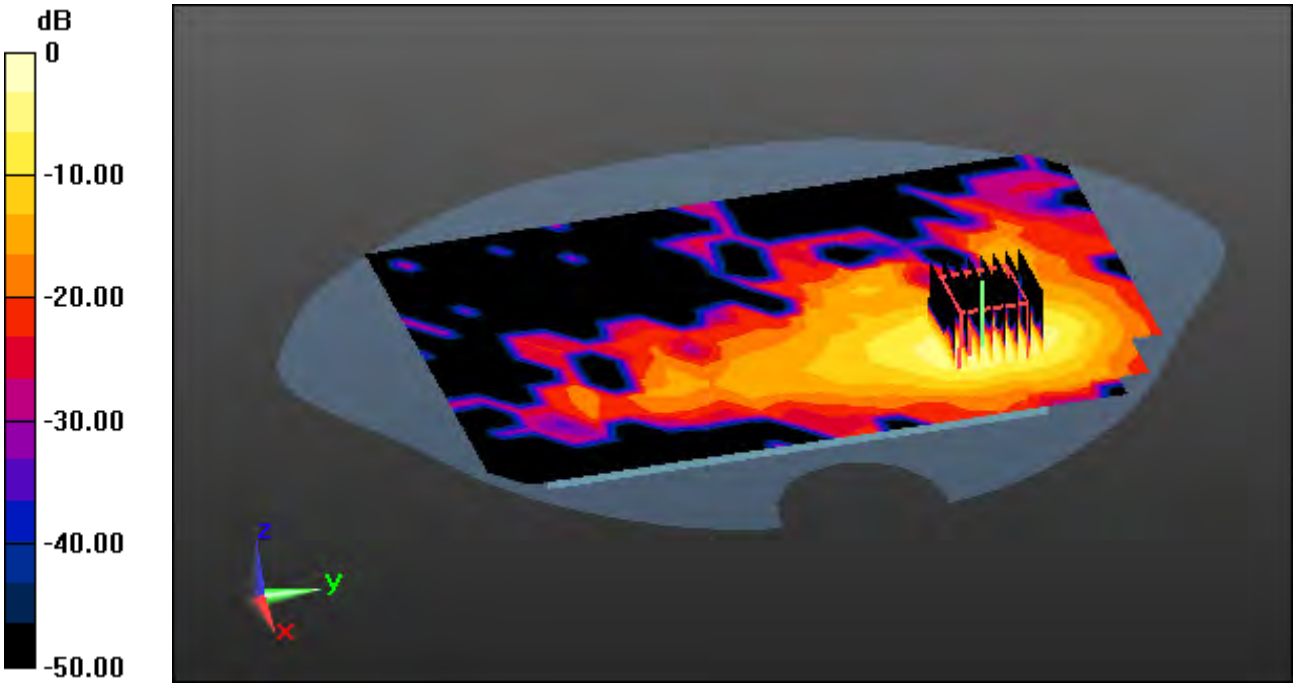
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.249 S/m; ε_r = 49.614; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

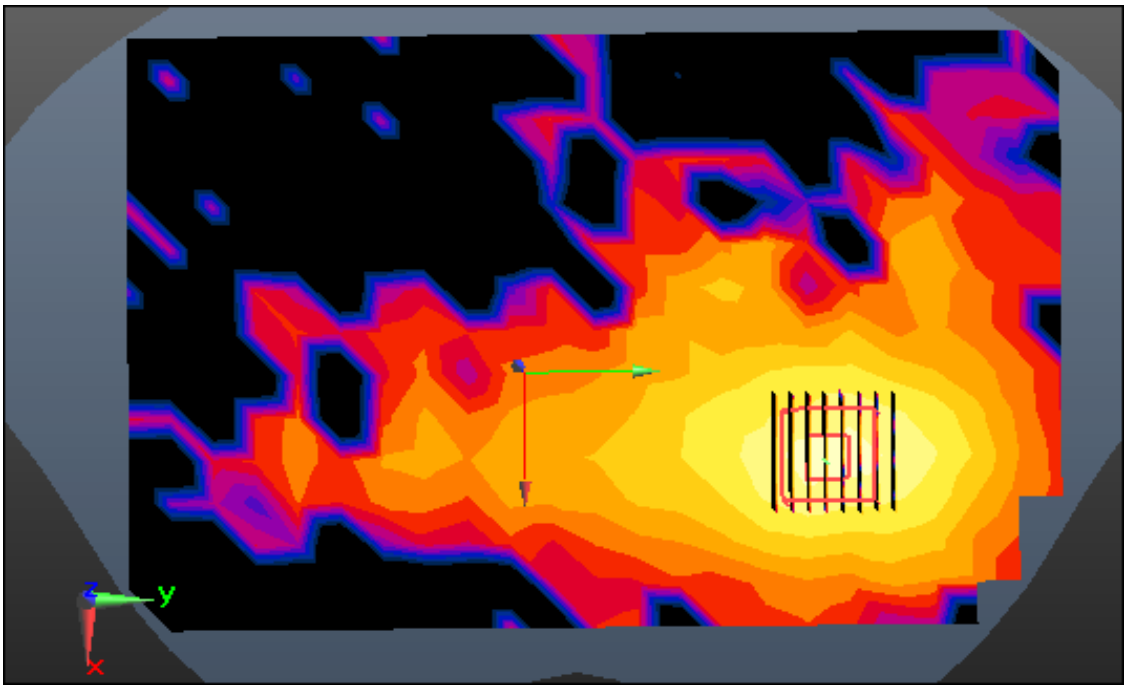
Test Date: 2019-08-28; Ambient Temp: 21.1; Tissue Temp: 20.7

1 cm space from Body, Rear, WLAN(802.11a) Ch. 60, Ant Internal, MIMO

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.933 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.065 W/kg



0 dB = 0.586 W/kg



Enlarged Plot for A45

DUT: LM-G850EMW; Type: Bar

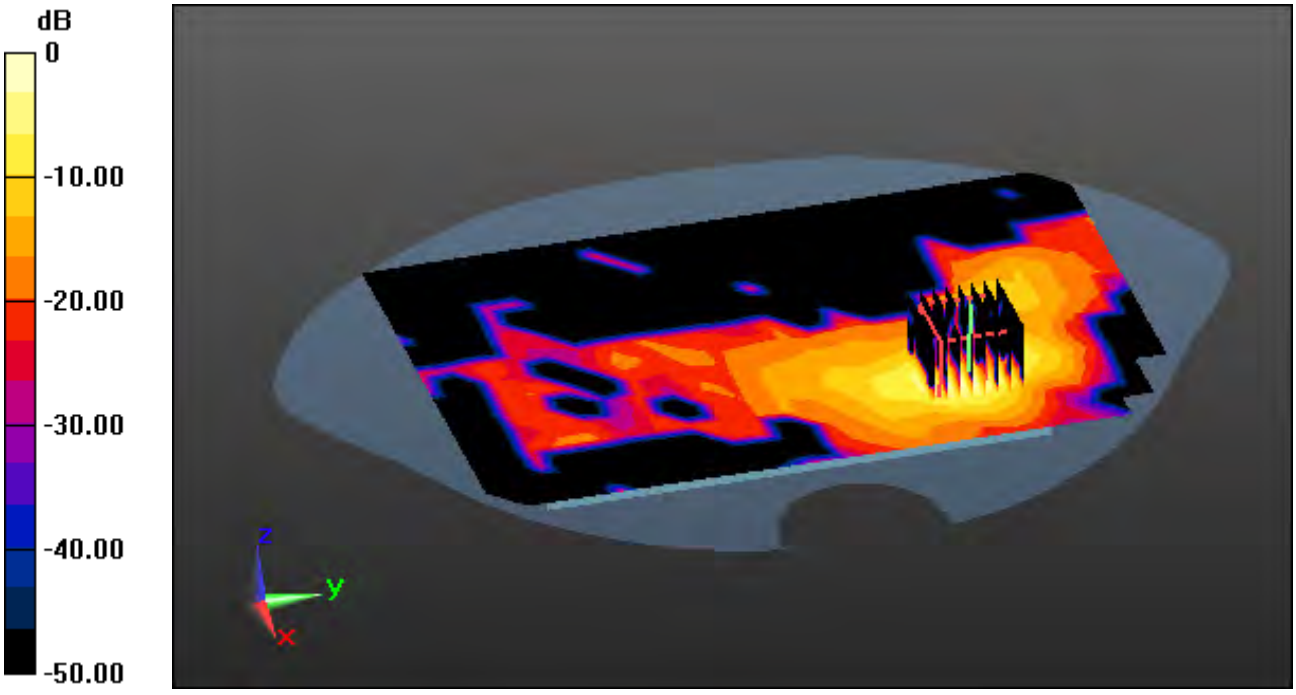
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.799 S/m; ε_r = 48.716; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

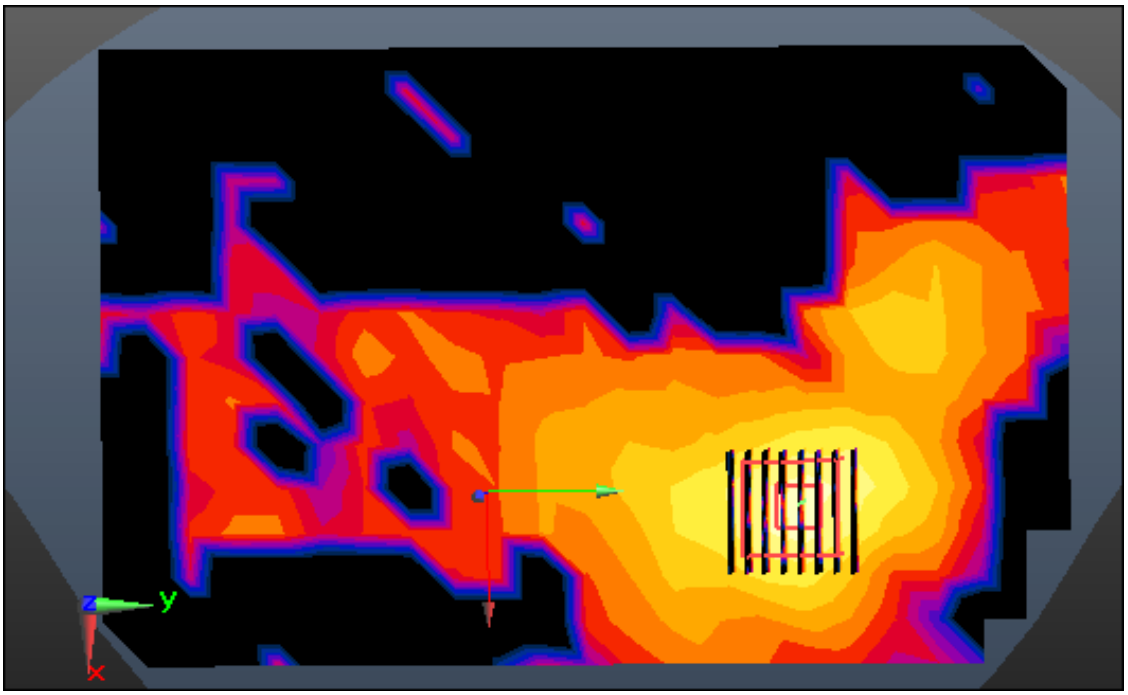
Test Date: 2019-08-29; Ambient Temp: 21.2; Tissue Temp: 21.0

1 cm space from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, Ant.1

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.85 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.051 W/kg



0 dB = 0.487 W/kg



Enlarged Plot for A46

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

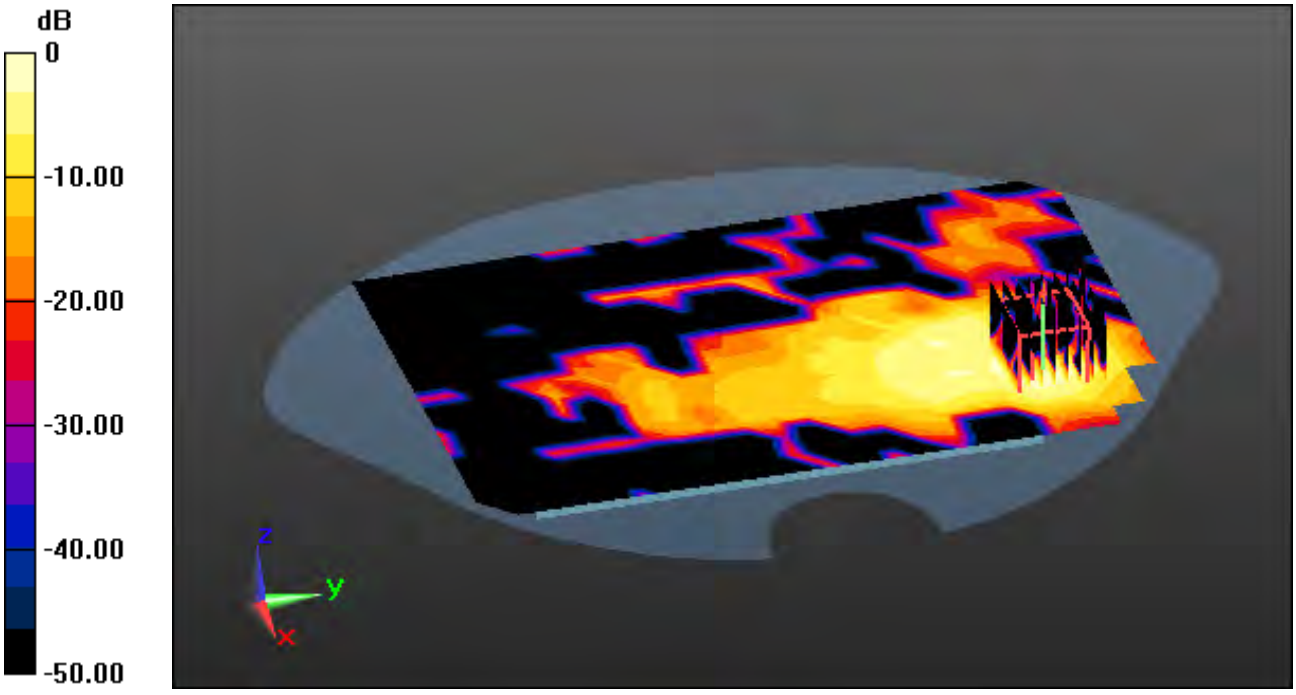
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.577 S/m; ε_r = 48.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(3.93, 3.93, 3.93); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

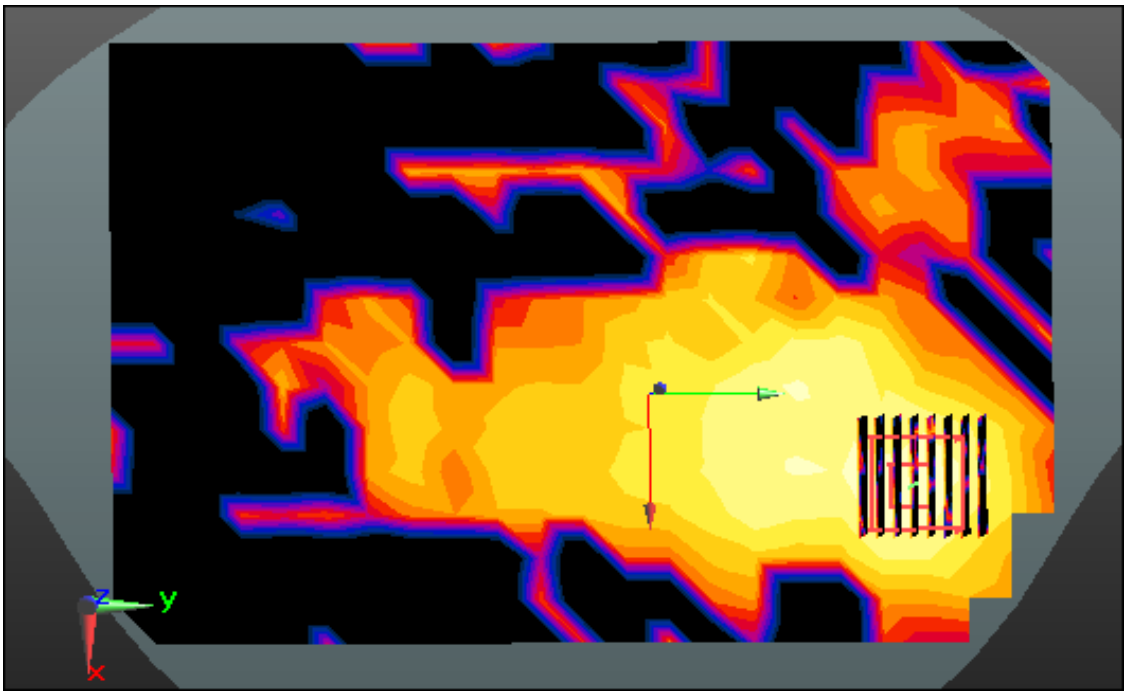
Test Date: 2019-08-29; Ambient Temp: 21.2; Tissue Temp: 21.0

1 cm space from Body, Rear, WLAN(802.11a) Ch. 100, Ant Internal, Ant.2

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.023 W/kg



0 dB = 0.186 W/kg



Enlarged Plot for A47

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

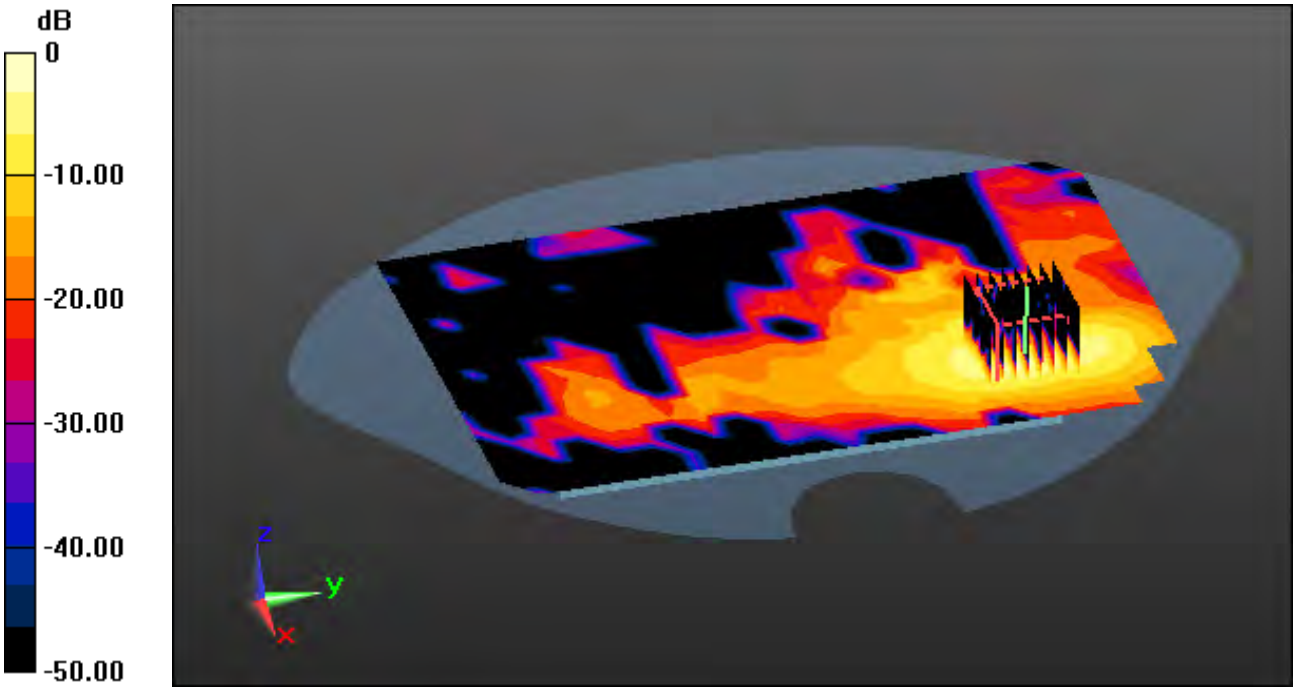
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.799 S/m; ε_r = 48.716; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

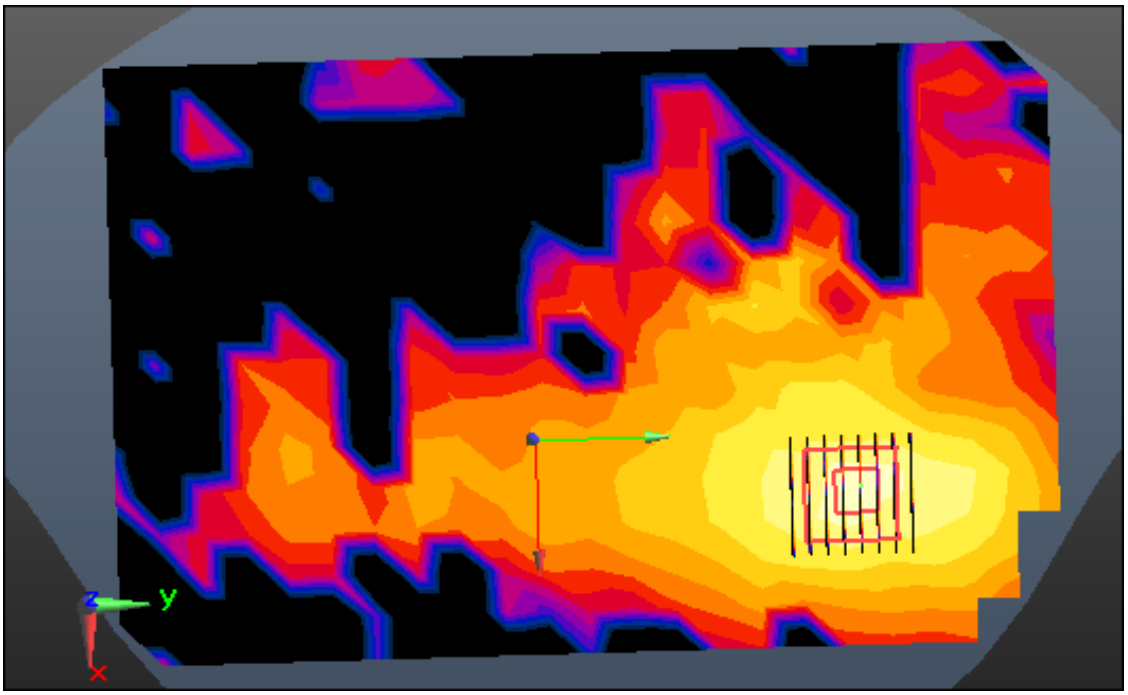
Test Date: 2019-08-29; Ambient Temp: 21.2; Tissue Temp: 21.0

1 cm space from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, MIMO

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.84 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.49 W/kg



Enlarged Plot for A48

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

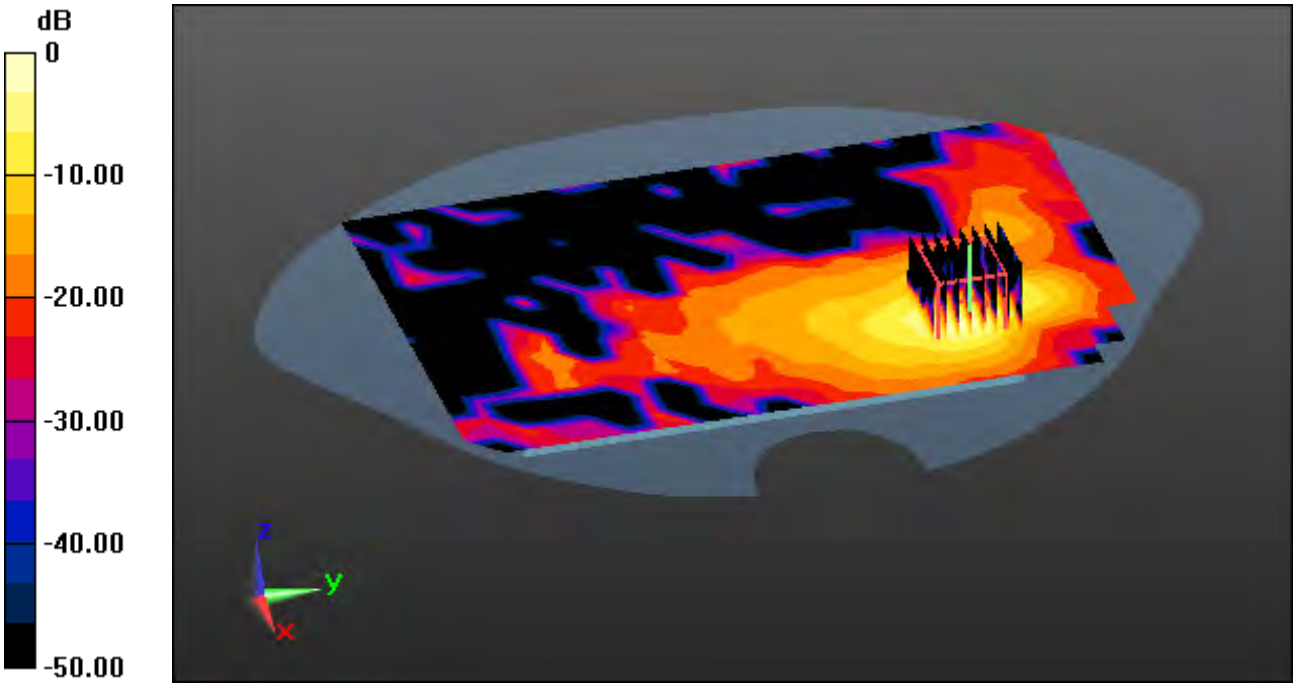
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.014 S/m; ε_r = 48.85; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

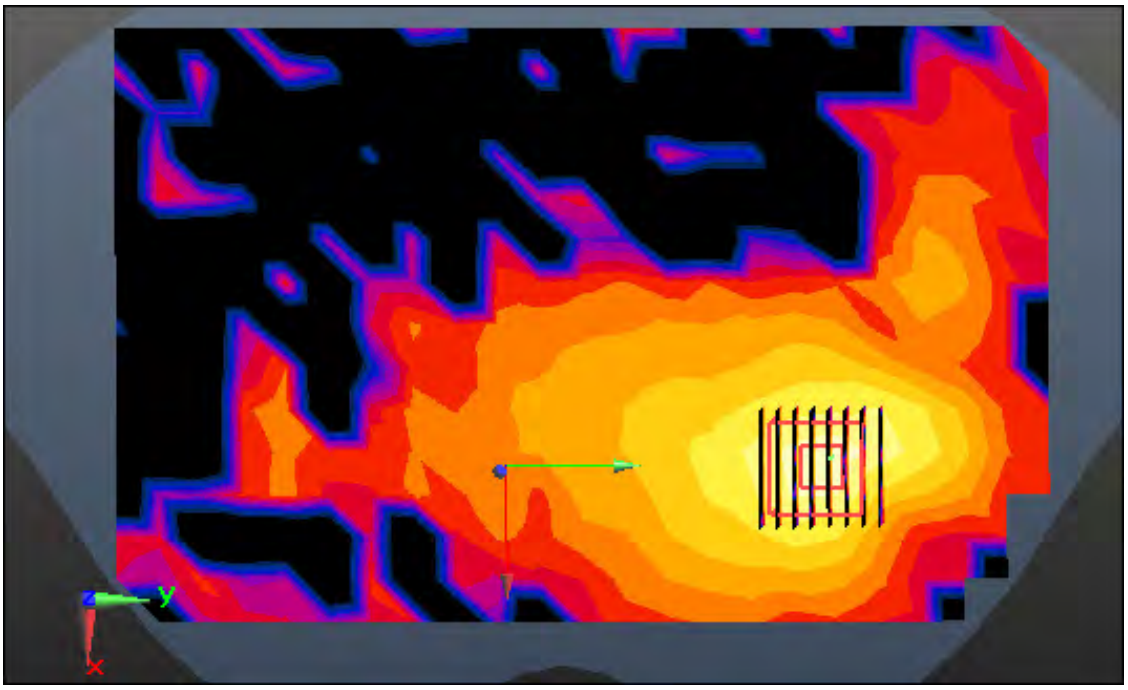
Test Date: 2019-08-30; Ambient Temp: 21.0; Tissue Temp: 20.6

1 cm space from Body, Rear, WLAN(802.11a) Ch. 157, Ant Internal, Ant.1

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.91 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.050 W/kg



0 dB = 0.435 W/kg



Enlarged Plot for A49

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

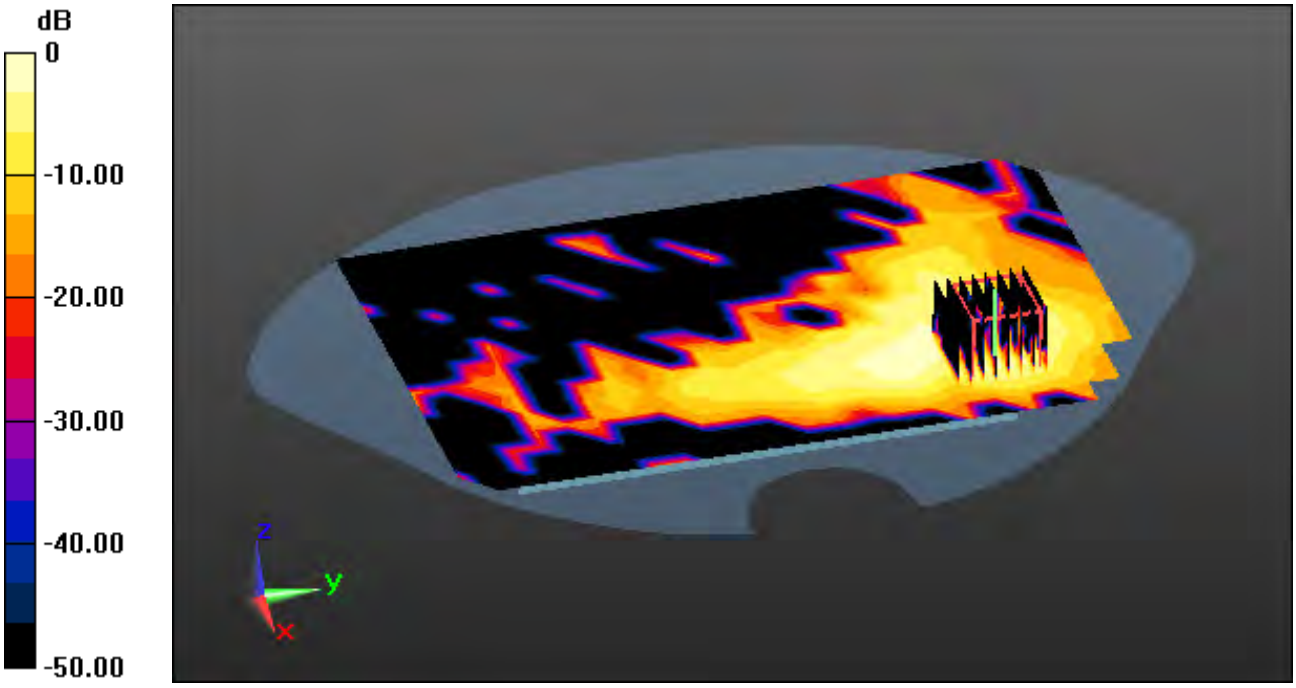
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.965 S/m; ε_r = 48.931; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

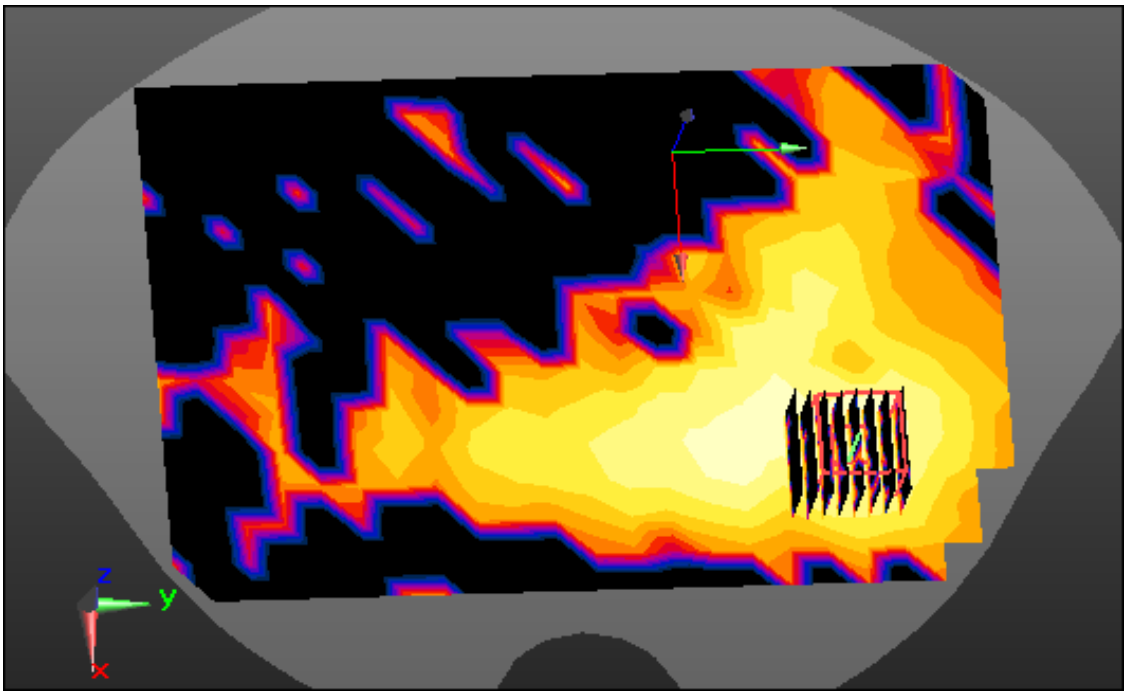
Test Date: 2019-08-30; Ambient Temp: 21.0; Tissue Temp: 20.6

1 cm space from Body, Rear, WLAN(802.11a) Ch. 149, Ant Internal, Ant.2

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.018 W/kg



0 dB = 0.144 W/kg



Enlarged Plot for A50

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

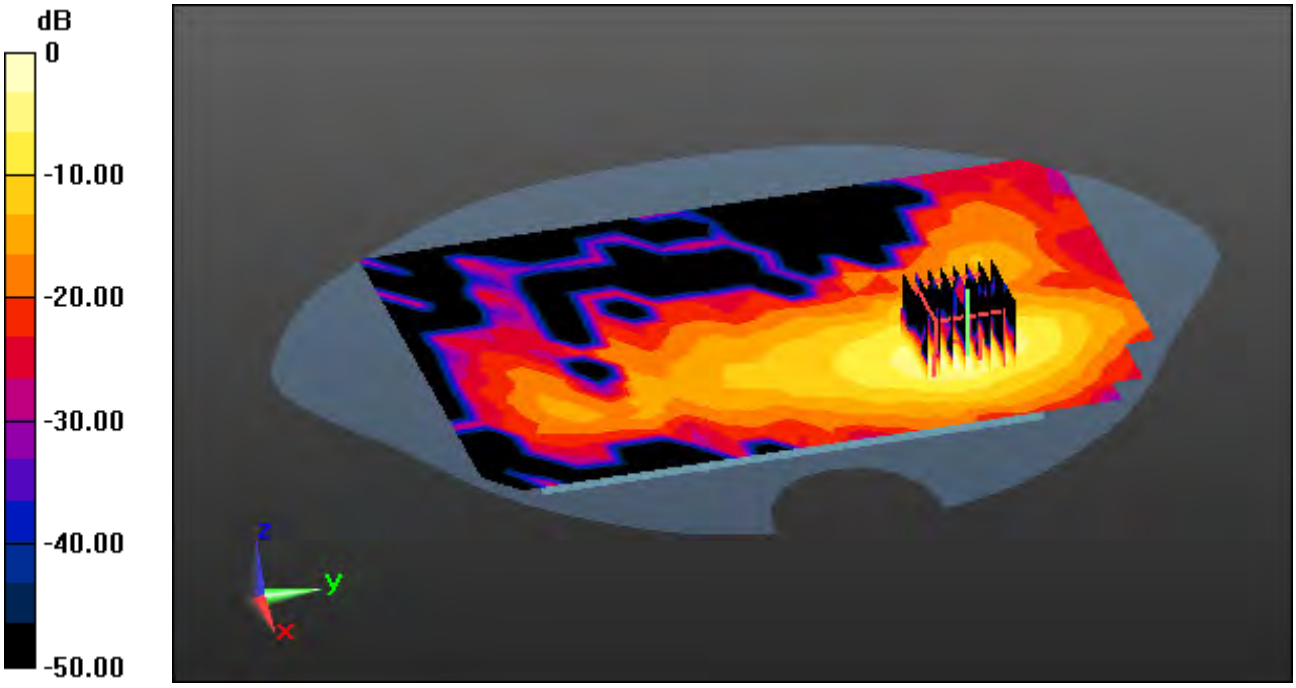
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.965 S/m; ε_r = 48.931; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

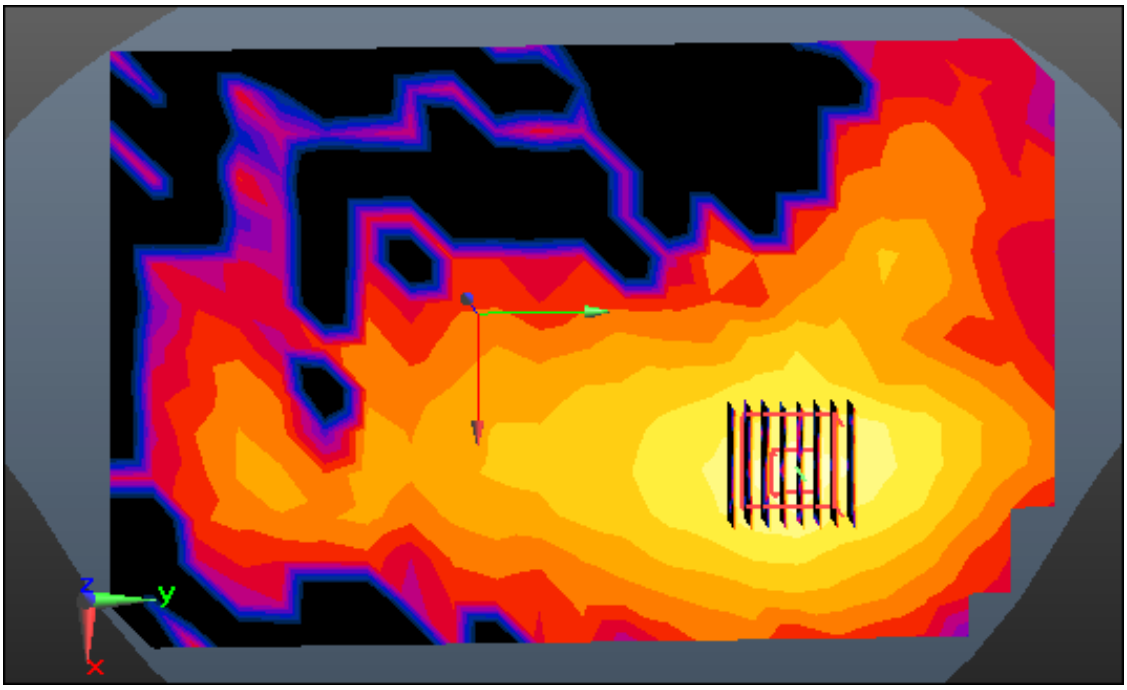
Test Date: 2019-08-30; Ambient Temp: 21.0; Tissue Temp: 20.6

1 cm space from Body, Rear, WLAN(802.11a) Ch. 149, Ant Internal, MIMO

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.85 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.059 W/kg



0 dB = 0.479 W/kg



Enlarged Plot for A51

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

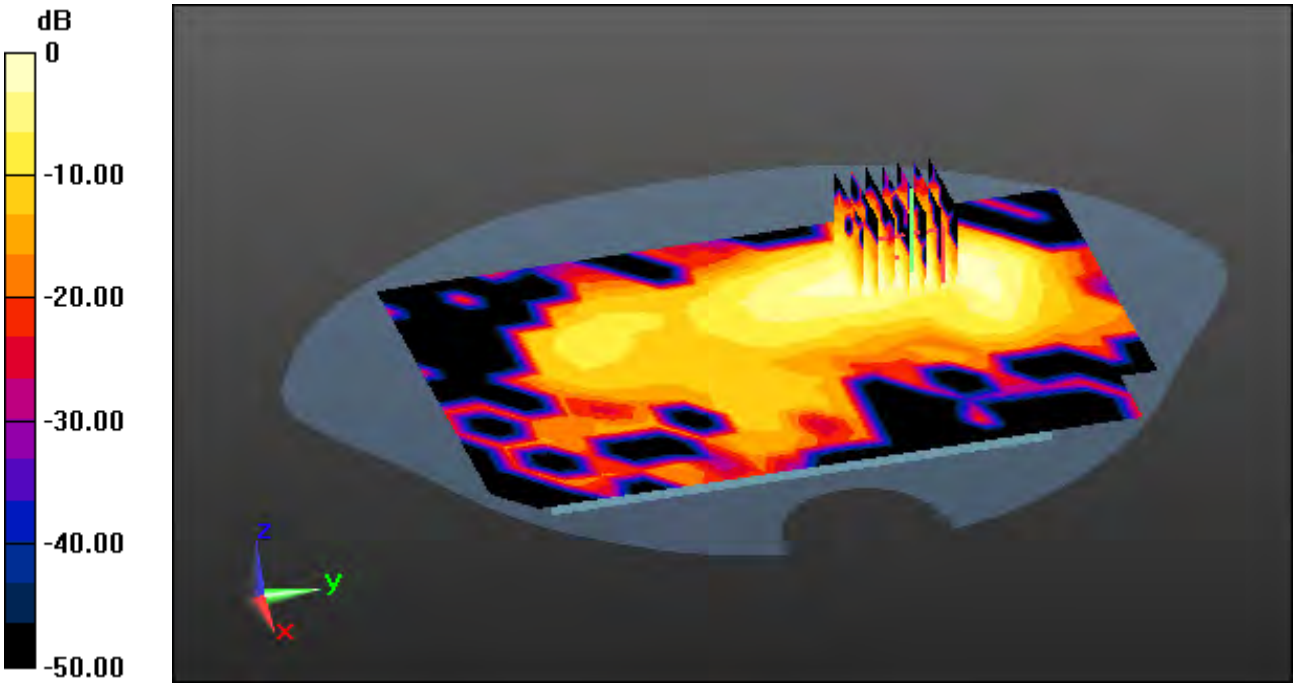
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.886 S/m; ε_r = 50.852; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

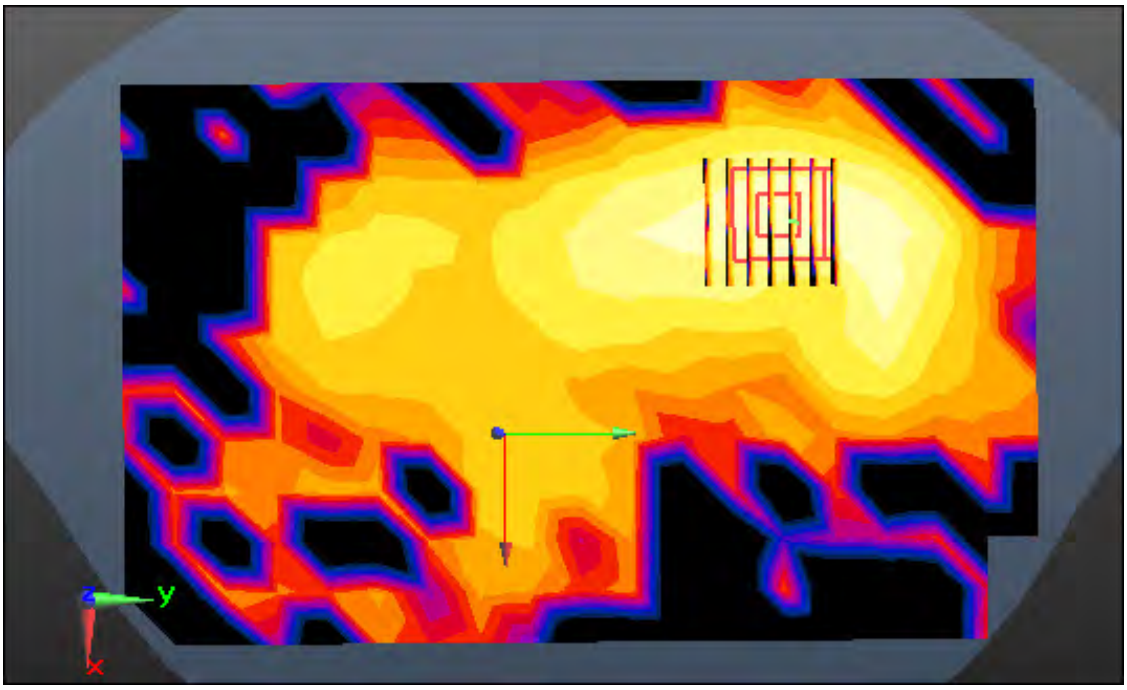
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

1 cm space from Body, Rear, Bluetooth 1Mbps Ch. 39, Ant Internal

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0760 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.013 W/kg



0 dB = 0.0446 W/kg



Enlarged Plot for A52

DUT: LM-G850EMW; Type: Bar

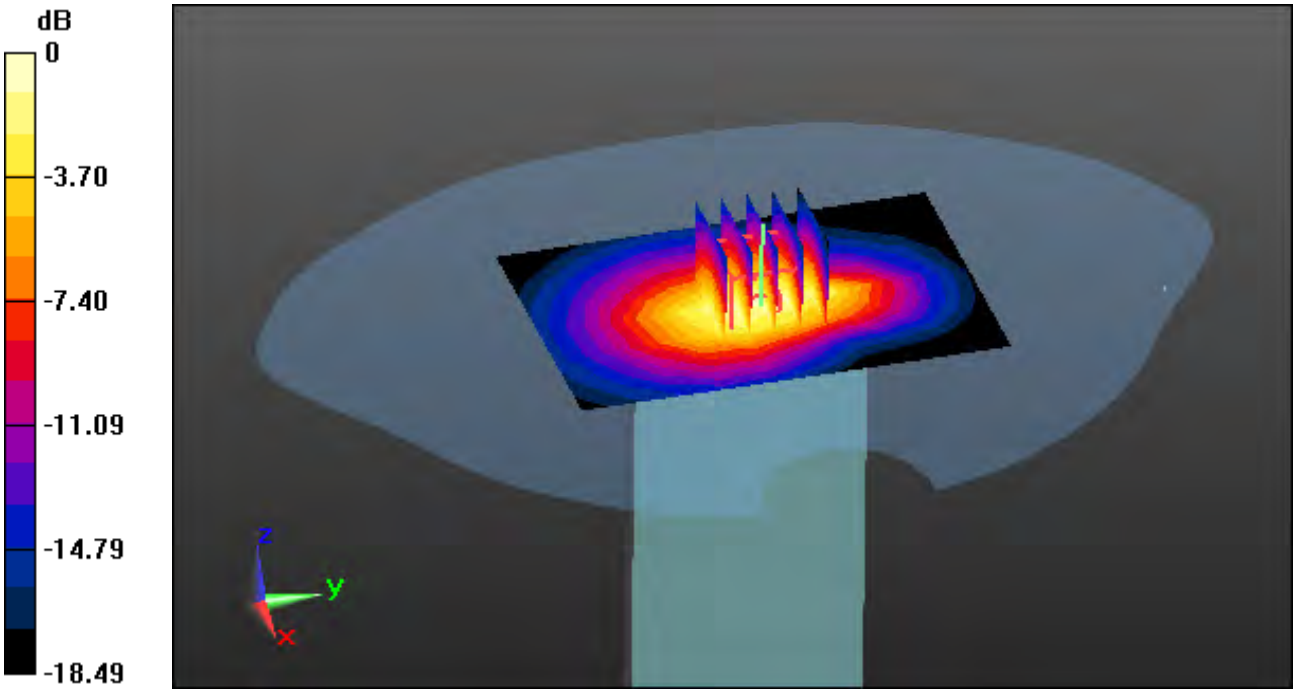
Communication System: UID 0, PCS1900_Class 11 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1850.2 MHz; σ = 1.494 S/m; ε_r = 53.915; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

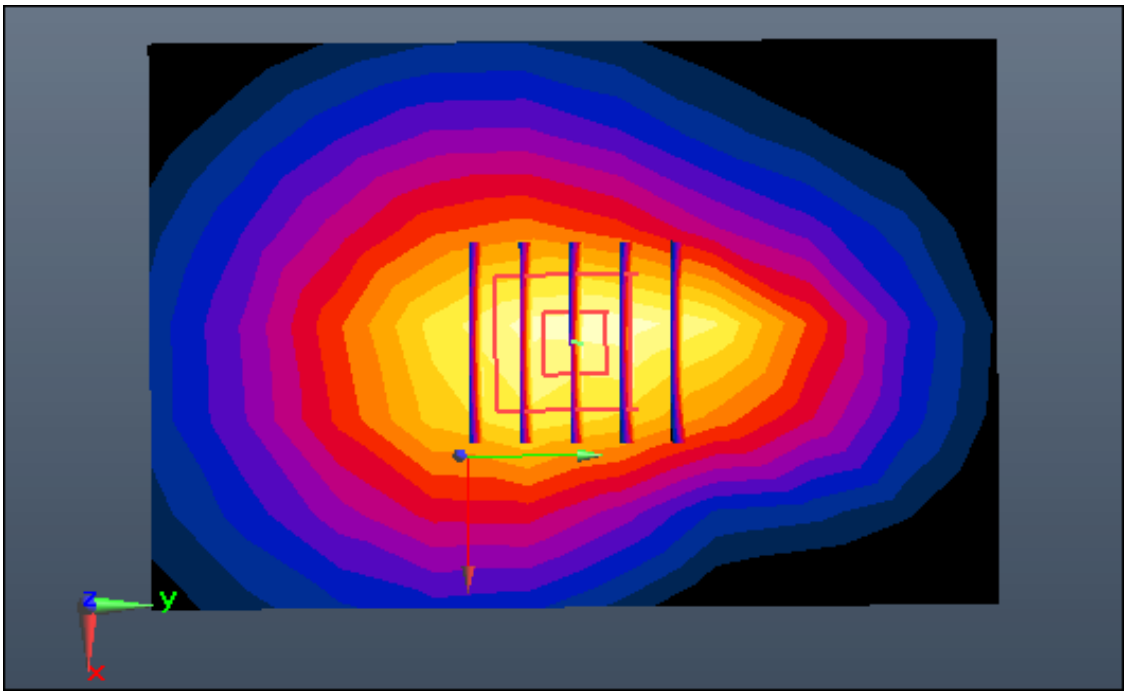
Test Date: 2019-09-05; Ambient Temp: 21.3; Tissue Temp: 21.1

1 cm space from Body, Bottom, PCS1900 GPRS 3Tx Ch. 512, Ant Internal

Area Scan (7x10x1): Measurement 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) = 1.74 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.554 W/kg



0 dB = 1.26 W/kg



Enlarged Plot for A53

DUT: LM-G850EMW; Type: Bar

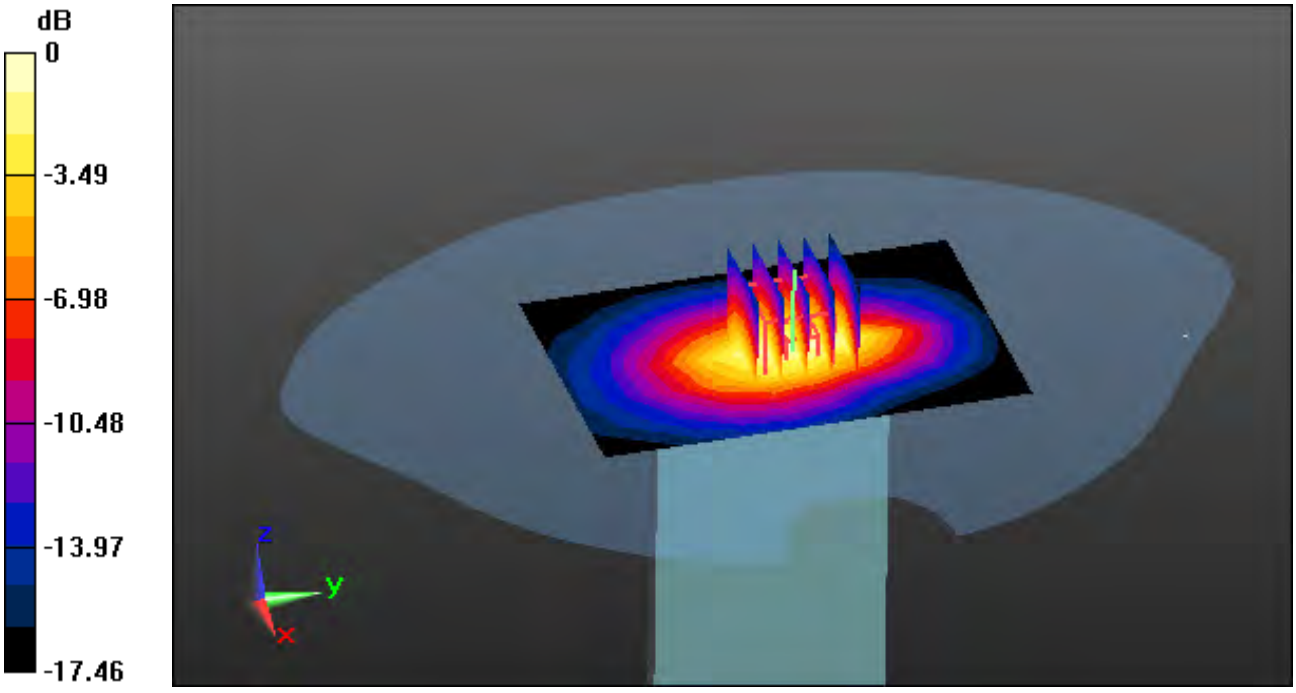
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1752.6 MHz; σ = 1.529 S/m; ε_r = 52.036; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

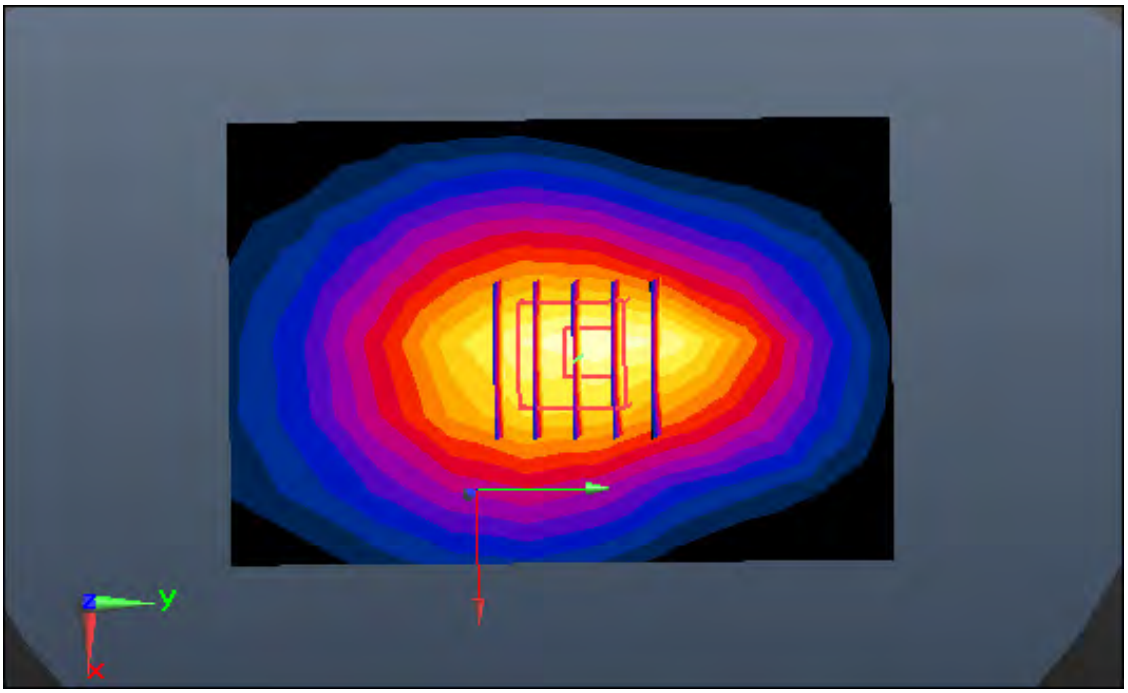
Test Date: 2019-09-10; Ambient Temp: 22.0; Tissue Temp: 21.4

1 cm space from Body, Bottom, WCDMA Band 4 Ch. 1513, Ant Internal

Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.428 W/kg



0 dB = 0.942 W/kg



Enlarged Plot for A54

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

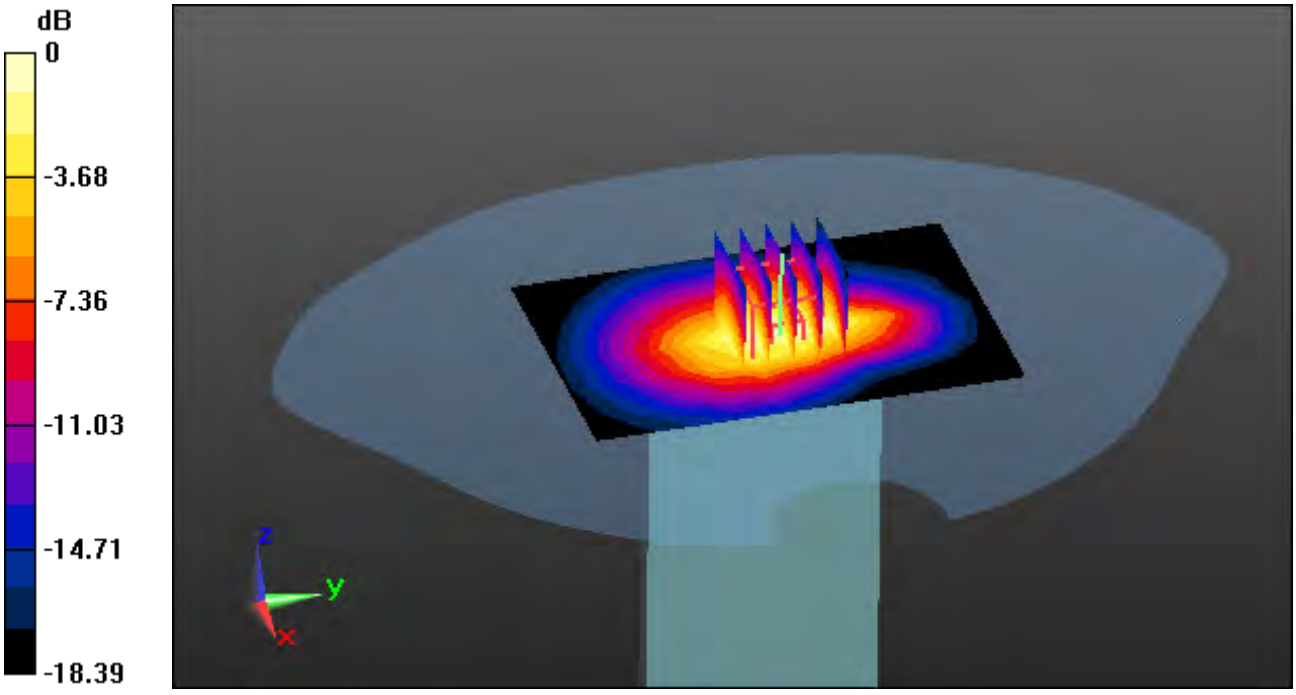
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.495 S/m; ε_r = 53.315; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

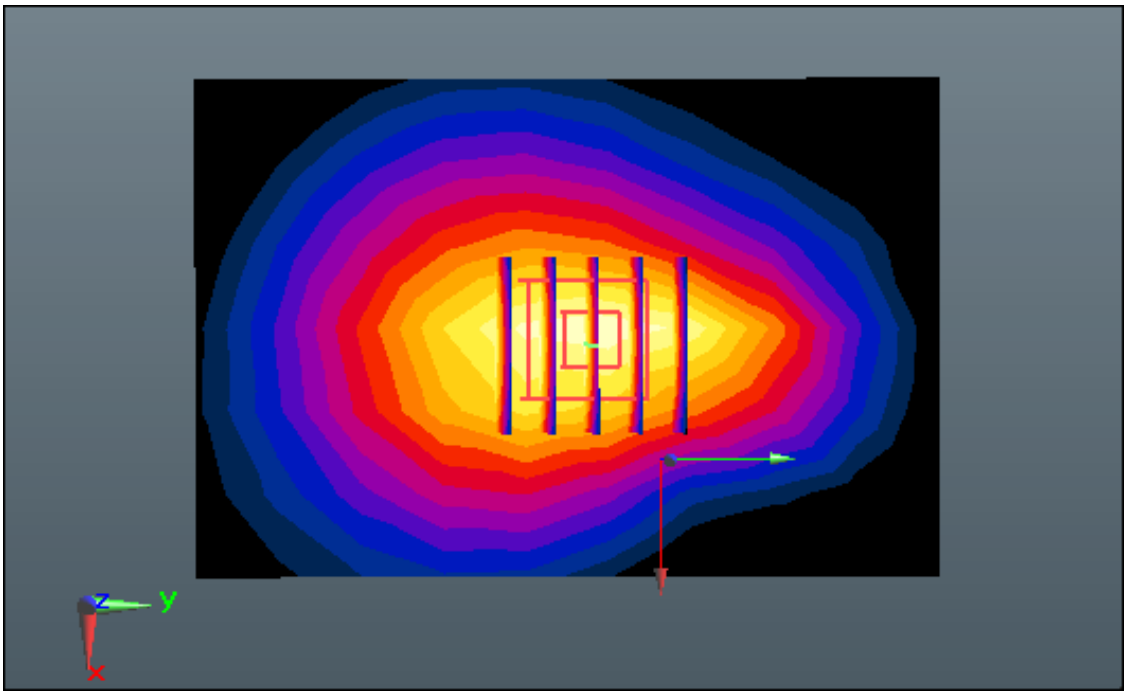
Test Date: 2019-09-09; Ambient Temp: 21.8; Tissue Temp: 21.5

1 cm space from Body, Bottom, WCDMA Band 2 Ch. 9262, Ant Internal

Area Scan (7x10x1): Measurement 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) = 1.54 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.500 W/kg



0 dB = 1.13 W/kg



Enlarged Plot for A55

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.513 S/m; ε_r = 52.084; ρ = 1000 kg/m^3
Phantom section: Flat Section

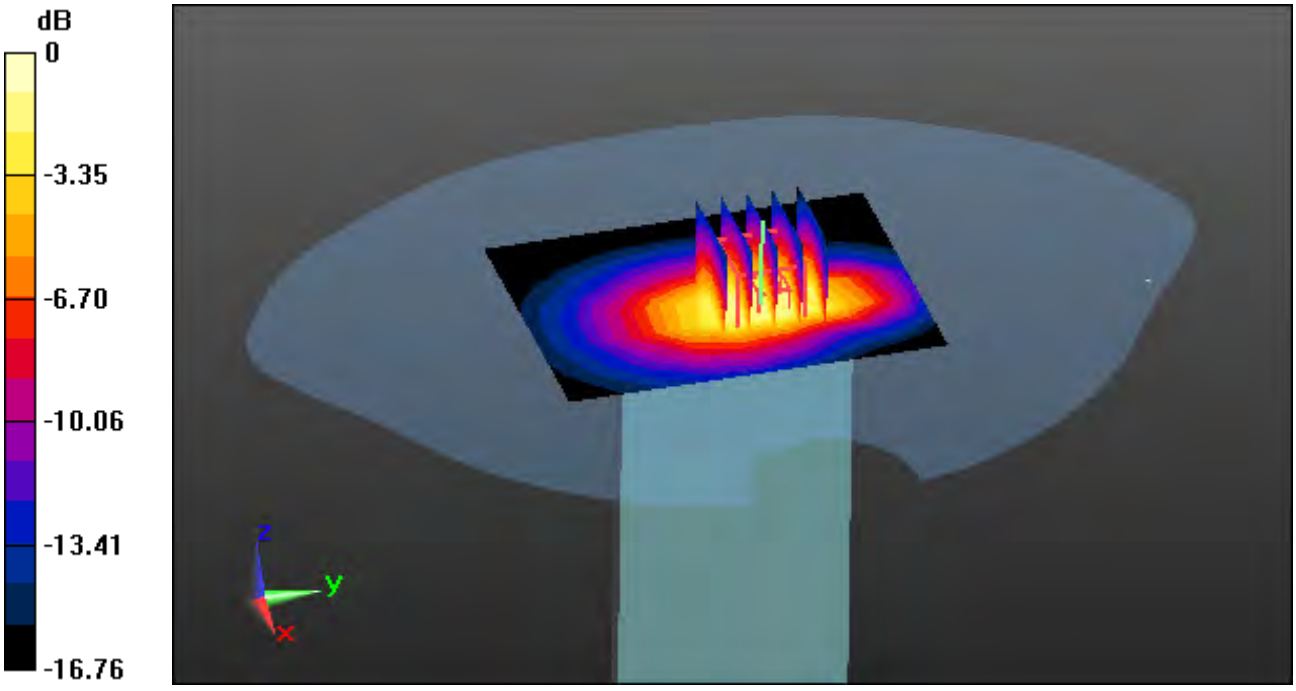
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-12; Ambient Temp: 21.6; Tissue Temp: 20.4

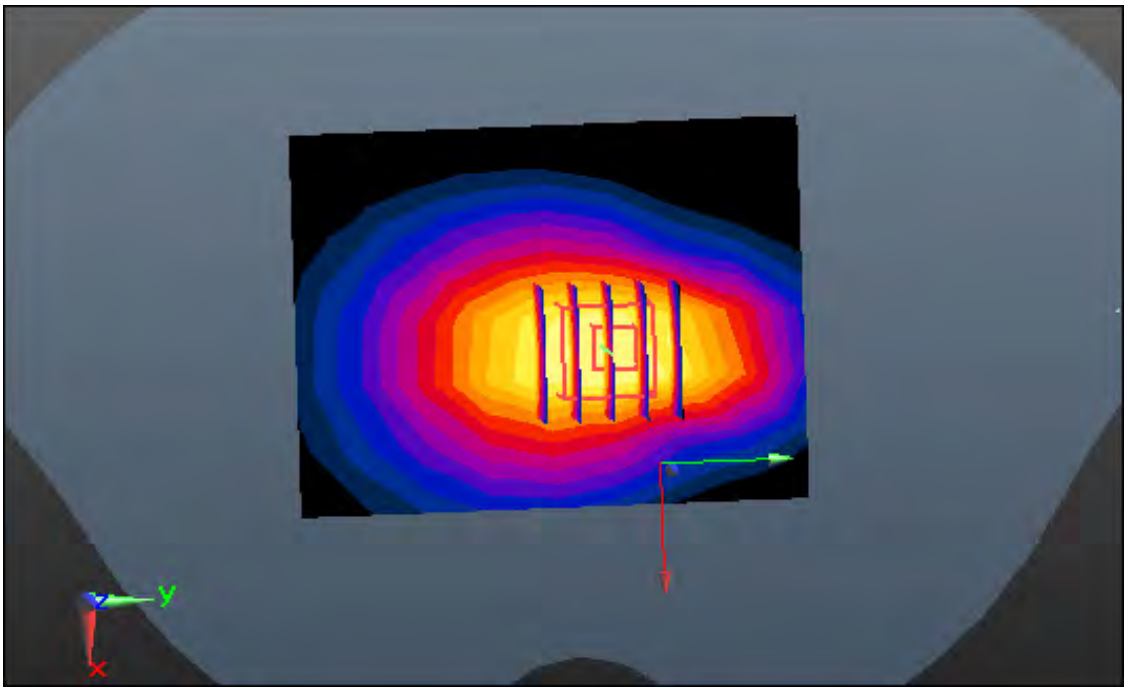
1 cm space from Body, Bottom, LTE Band 4 Ch. 20175, Ant Internal

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

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.472 W/kg



0 dB = 1.04 W/kg



Enlarged Plot for A56

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.504 S/m; ε_r = 53.971; ρ = 1000 kg/m^3
Phantom section: Flat Section

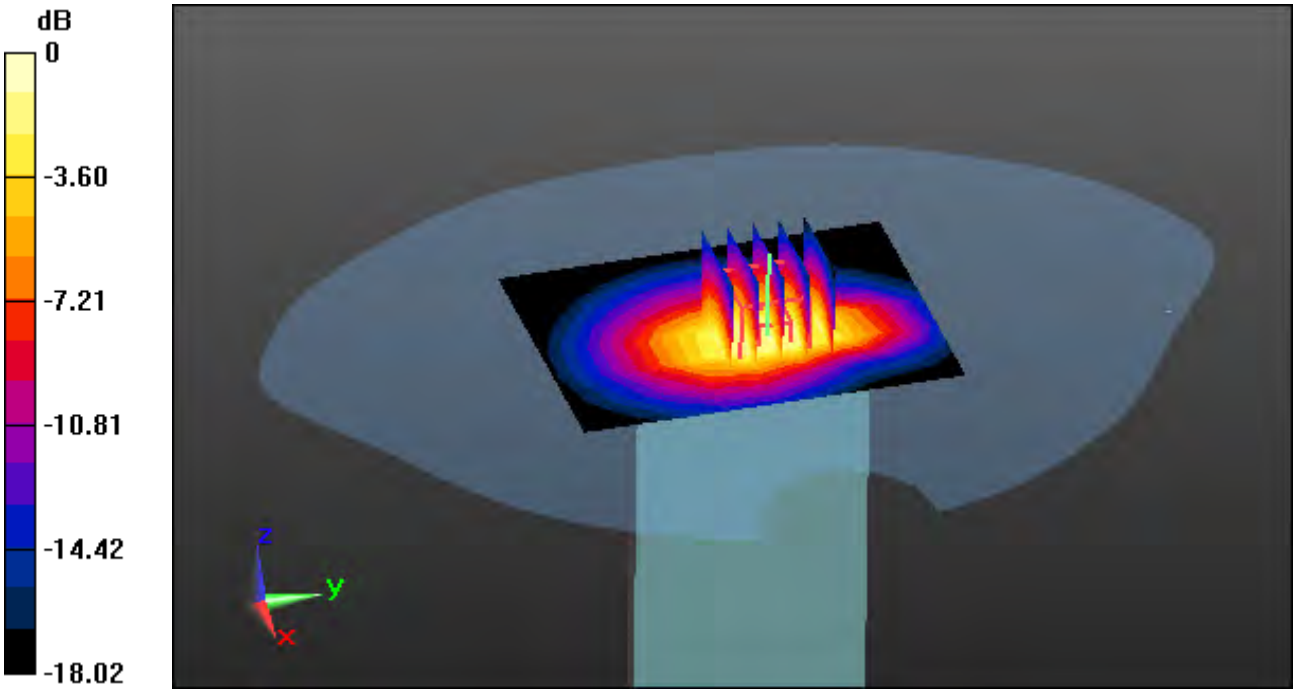
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-11; Ambient Temp: 21.8; Tissue Temp: 22.4

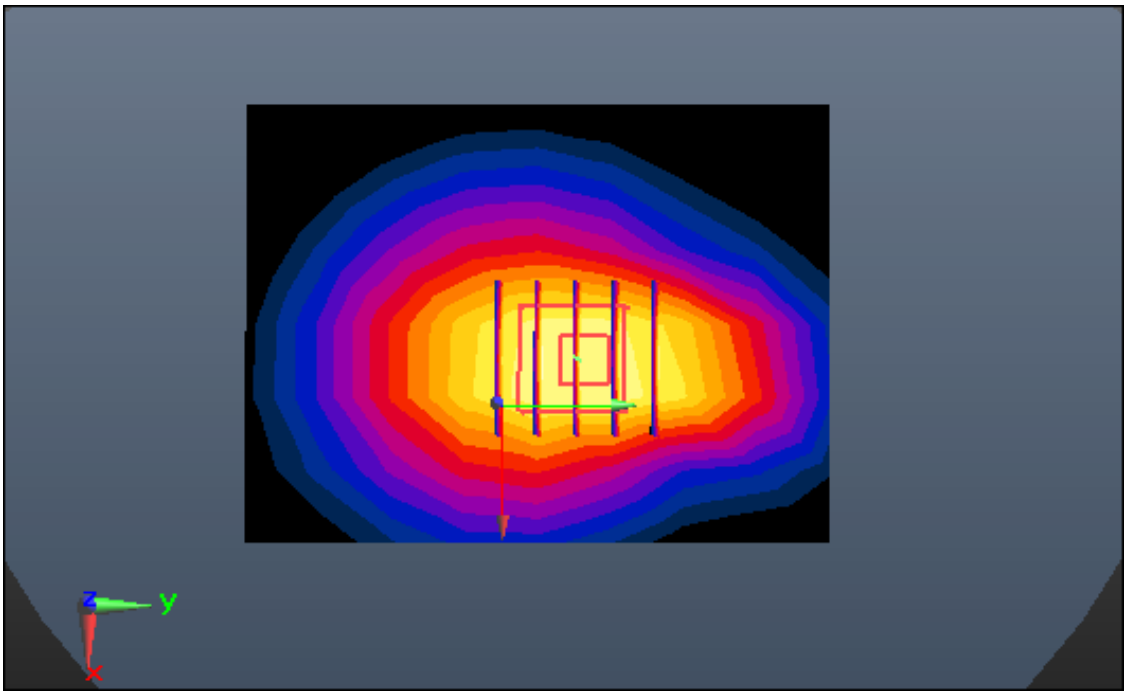
1 cm space from Body, Bottom, LTE Band 2 Ch. 18700, Ant Internal

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

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.477 W/kg



0 dB = 1.08 W/kg



Enlarged Plot for A57

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.111 S/m; ε_r = 51.54; ρ = 1000 kg/m^3
Phantom section: Flat Section

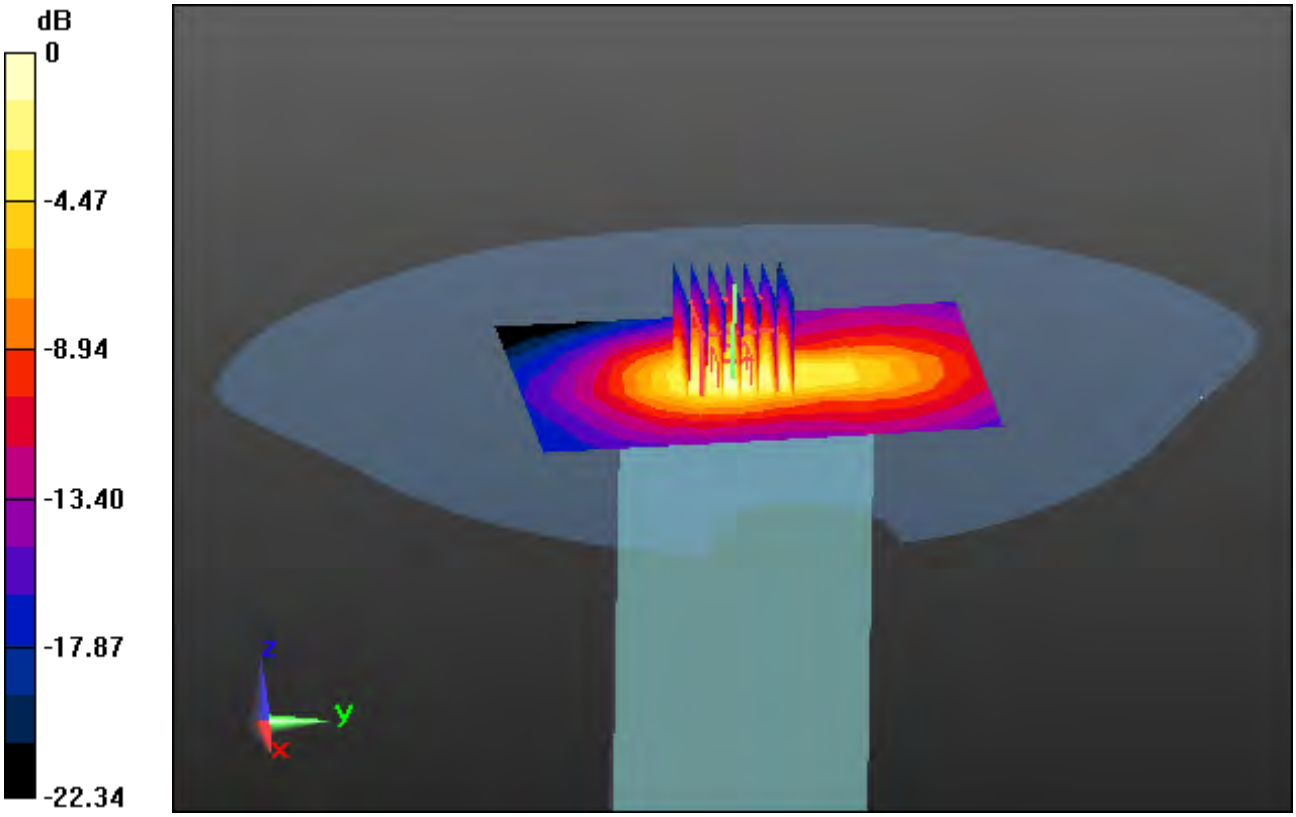
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-03; Ambient Temp: 21.3; Tissue Temp: 21.6

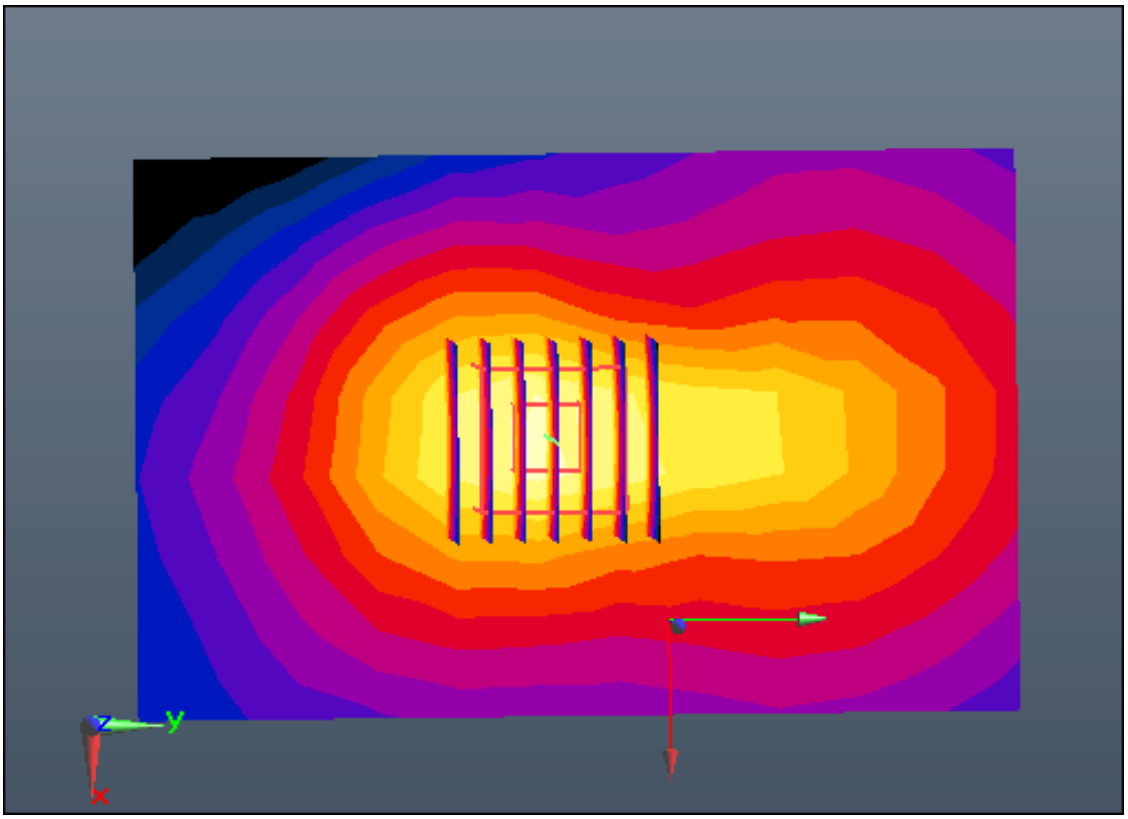
1 cm space from Body, Bottom, LTE Band 7 Ch. 21350, Ant Internal

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

Area Scan (8x12x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.385 W/kg



0 dB = 1.19 W/kg



Enlarged Plot for A58

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 2593 MHz; σ = 2.145 S/m; ε_r = 51.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

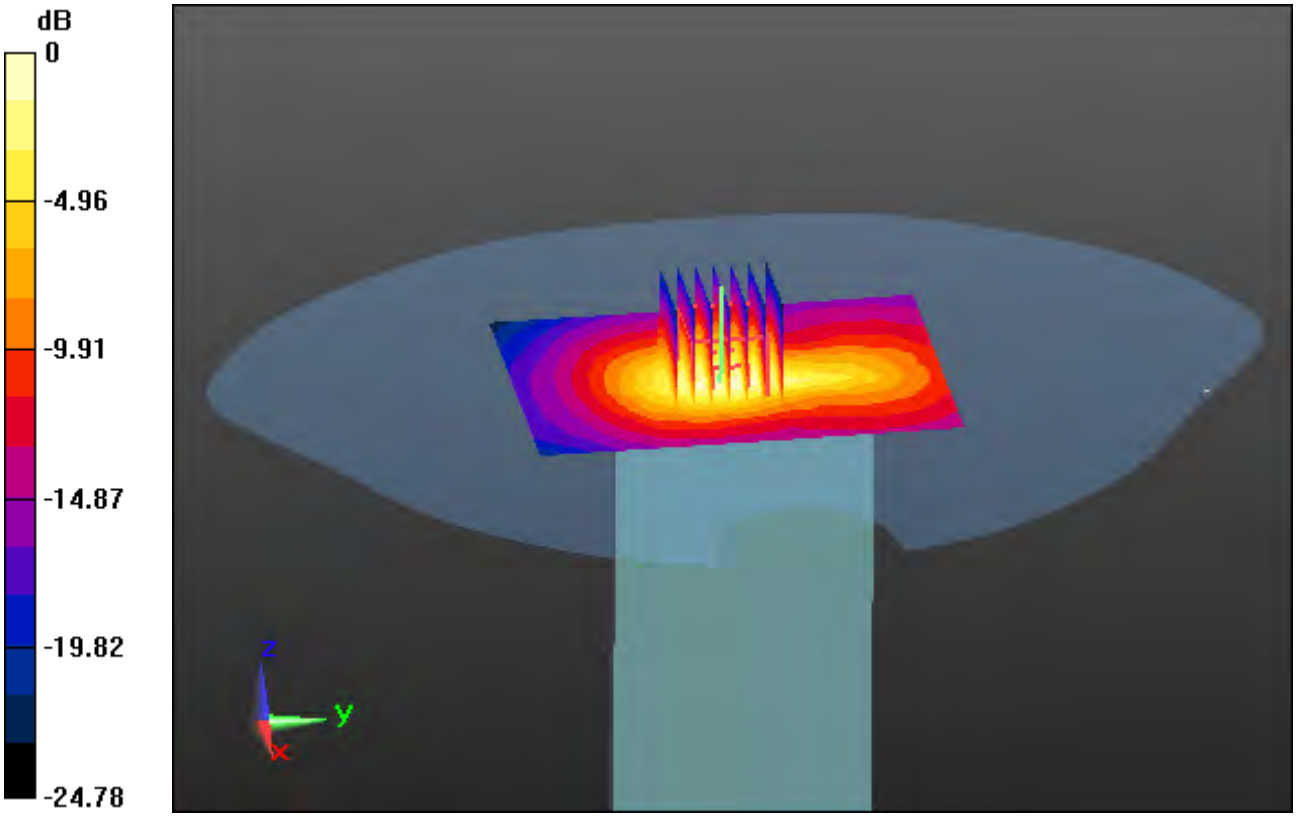
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-09-16; Ambient Temp: 21.3; Tissue Temp: 21.0

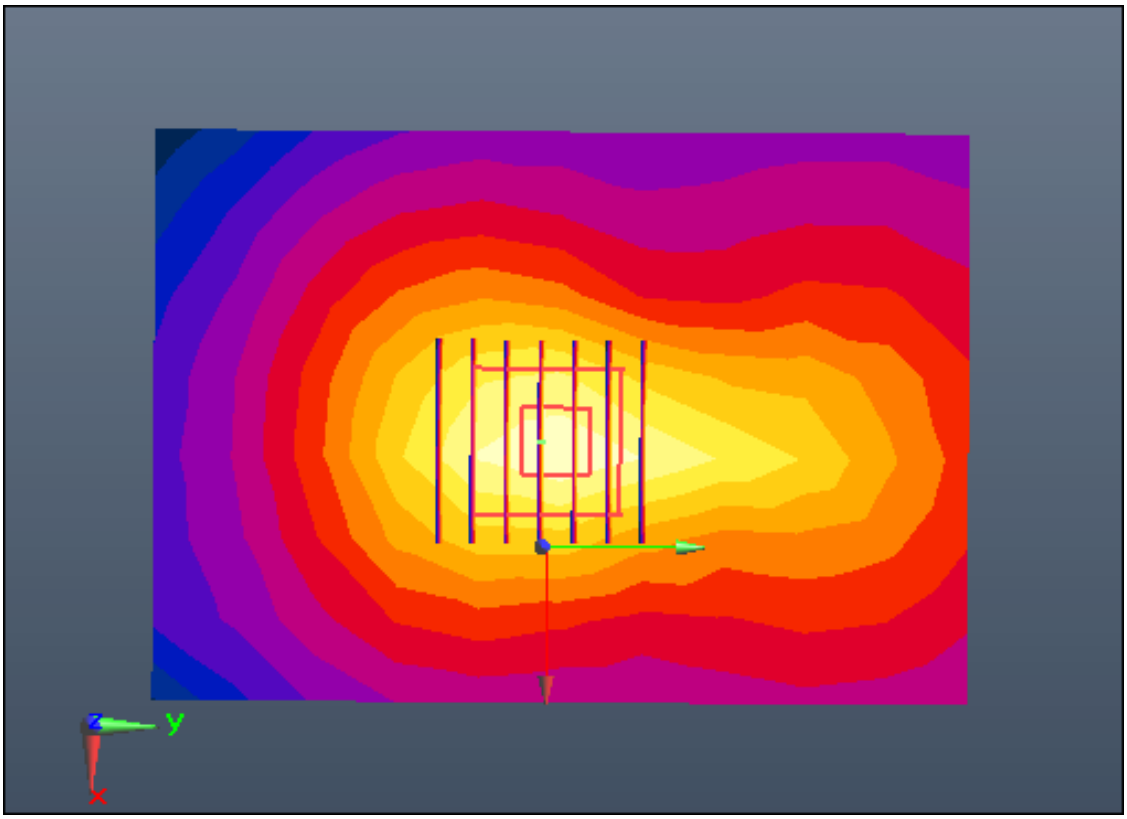
1 cm space from Body, Bottom, LTE Band 41 Ch. 40620, Ant Internal

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

Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.324 W/kg



0 dB = 0.909 W/kg



Enlarged Plot for A59

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

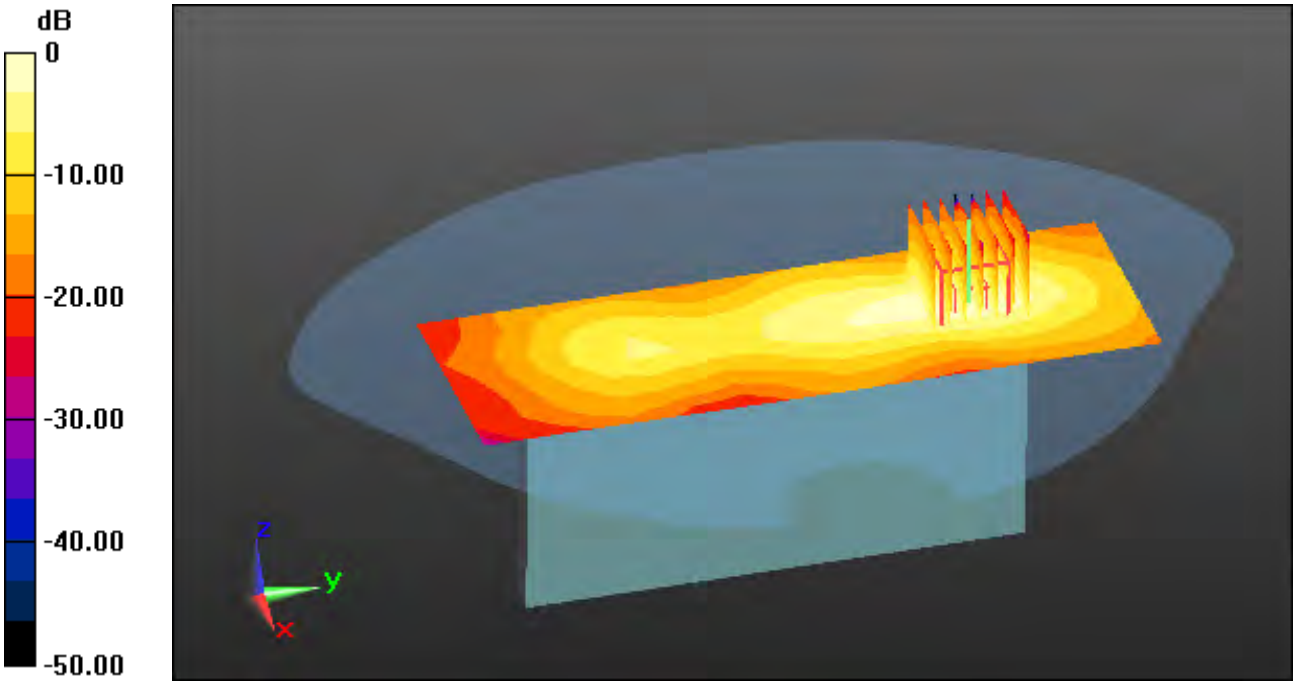
Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.851 S/m; ε_r = 50.928; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

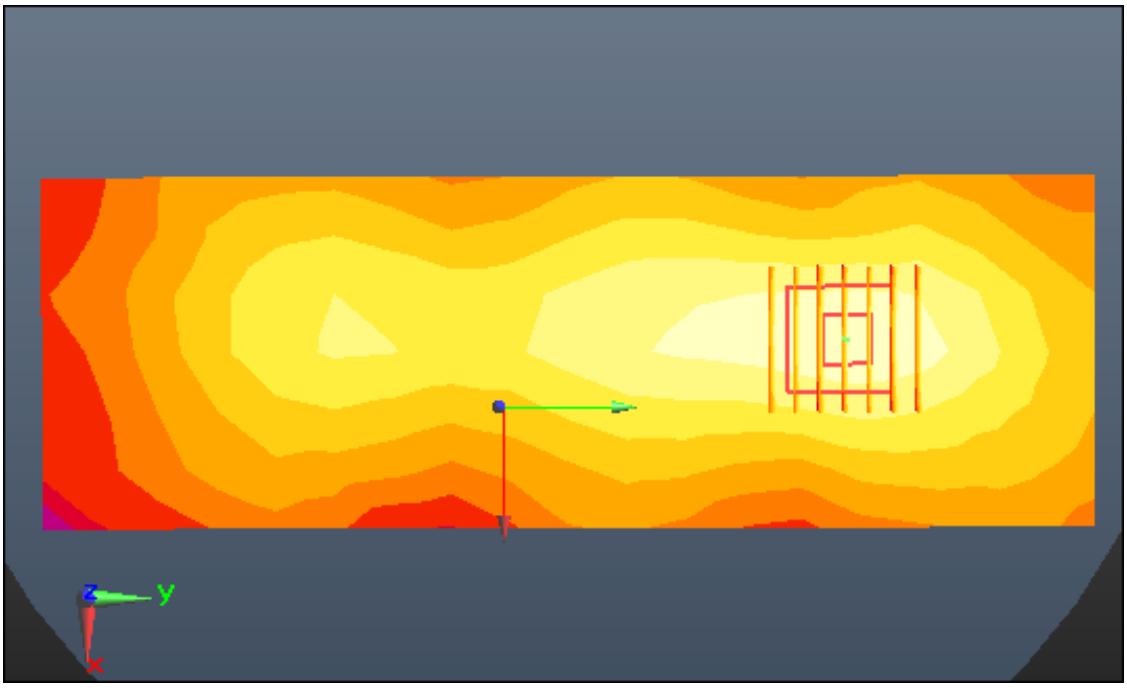
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

1 cm space from Body, Right, WLAN(802.11b) Ch. 1, Ant Internal, Ant.1

Area Scan (7x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.256 W/kg



Enlarged Plot for A60

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

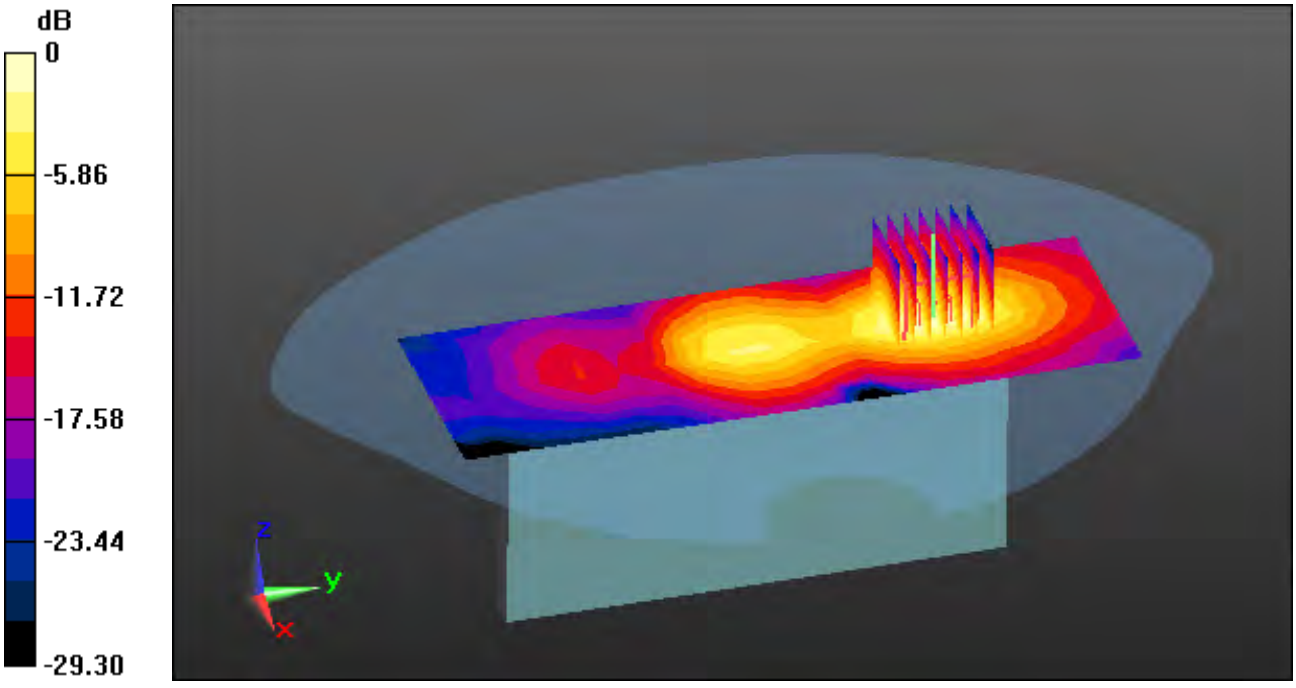
Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.851 S/m; ε_r = 50.928; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

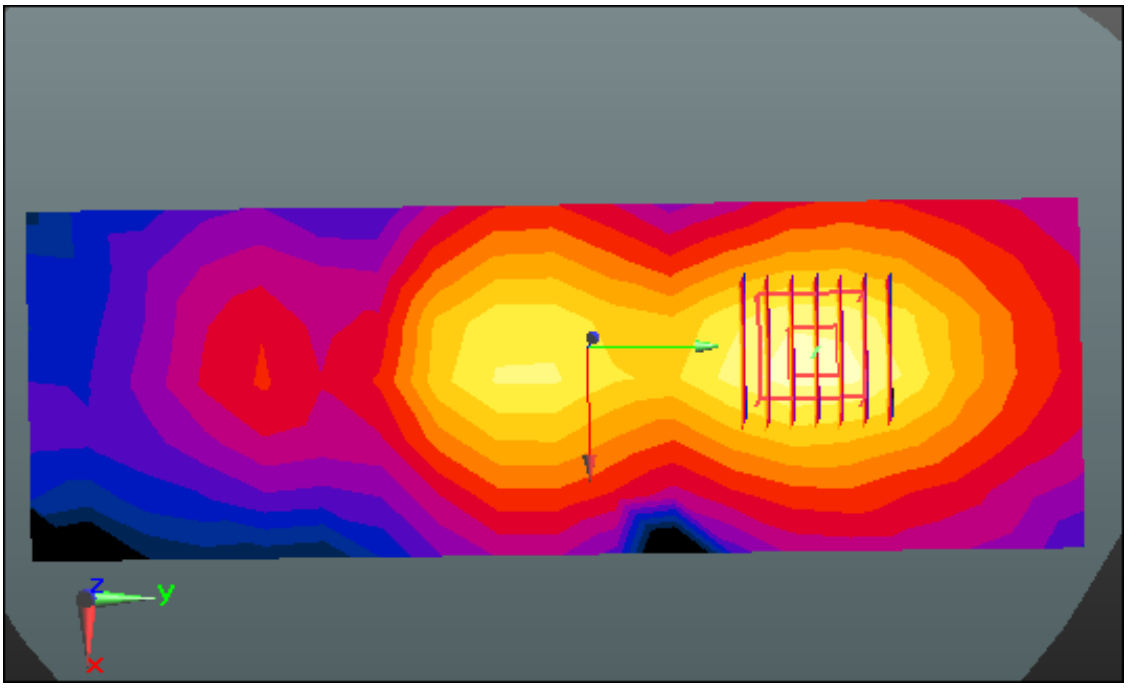
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

1 cm space from Body, Left, WLAN(802.11b) Ch. 1, Ant Internal, Ant.2

Area Scan (7x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.118 W/kg



0 dB = 0.381 W/kg



Enlarged Plot for A61

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

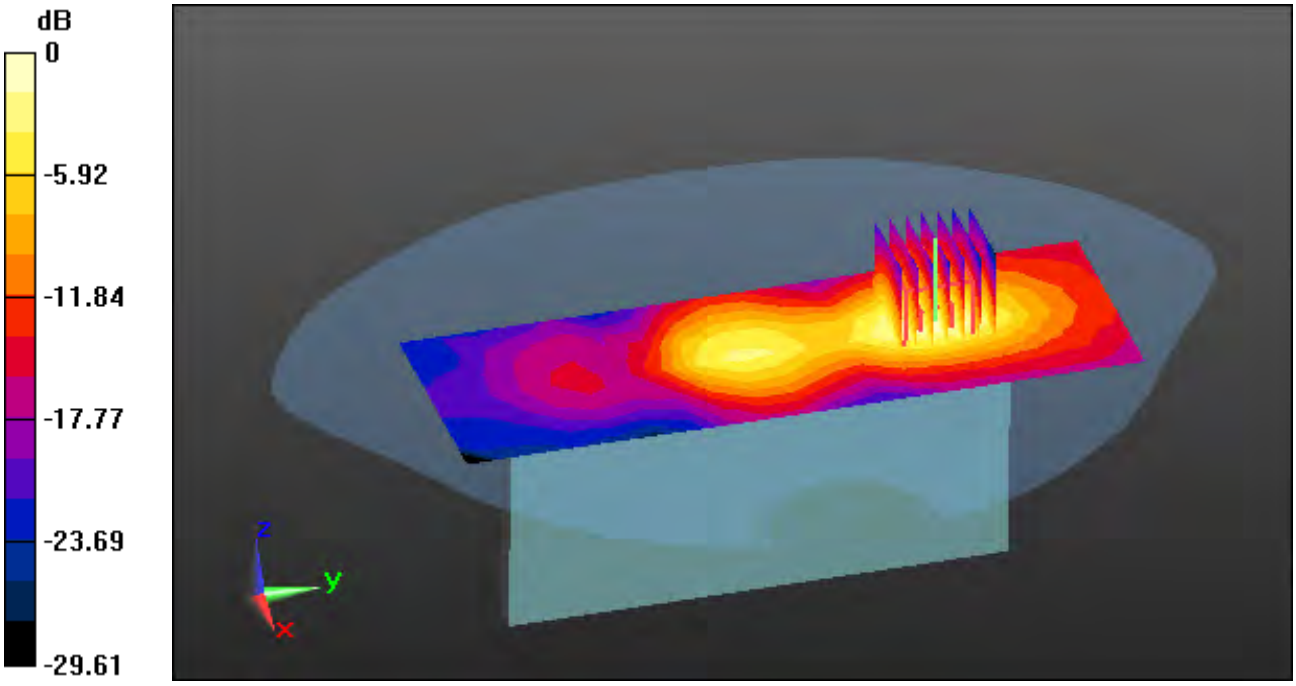
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.881 S/m; ε_r = 50.862; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

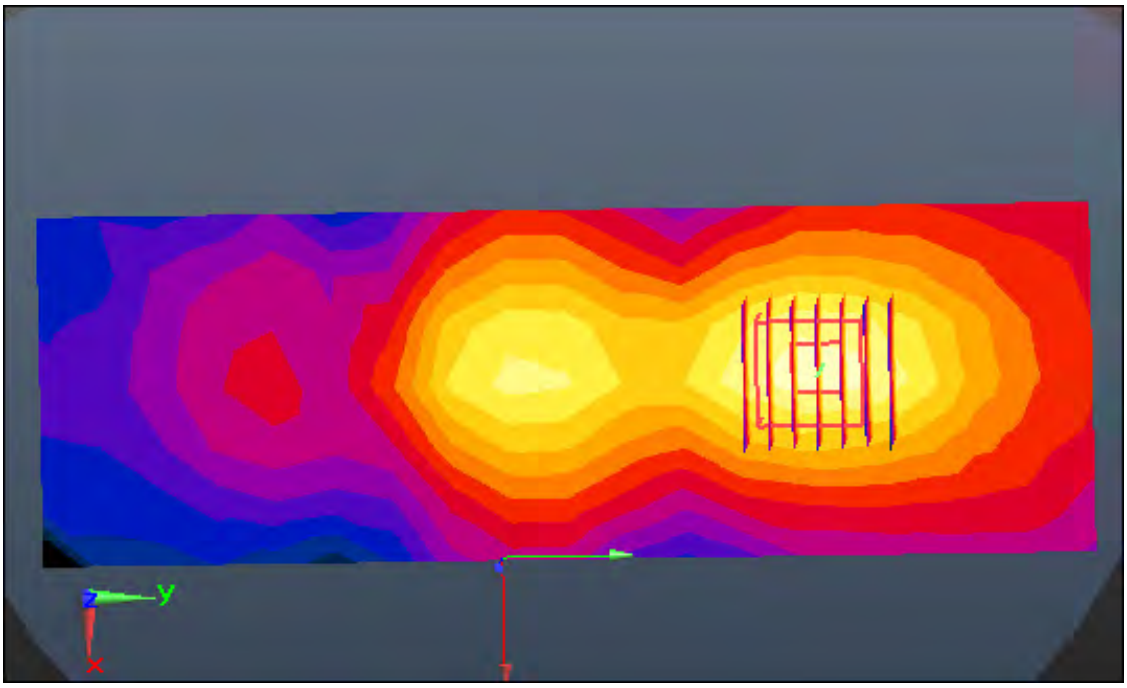
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

1 cm space from Body, Left, WLAN(802.11g) Ch. 6, Ant Internal, MIMO

Area Scan (7x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.119 W/kg



0 dB = 0.389 W/kg



Enlarged Plot for A62

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

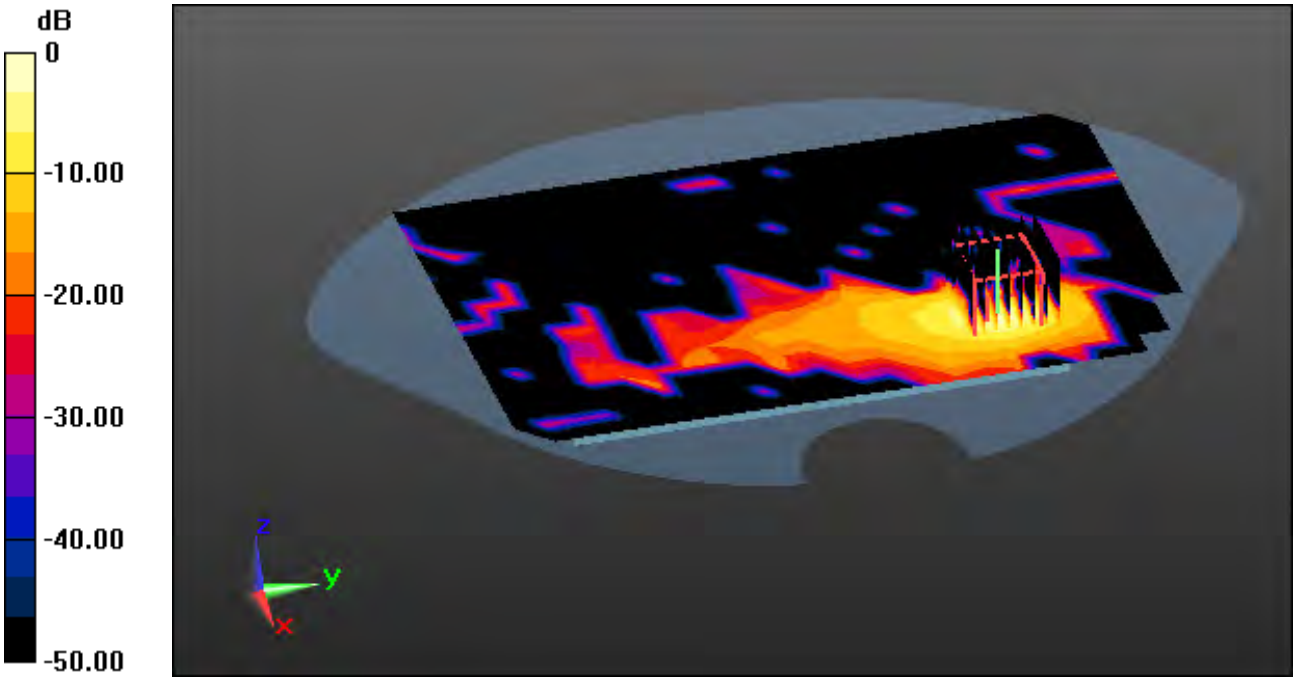
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 5.181 S/m; ε_r = 49.82; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

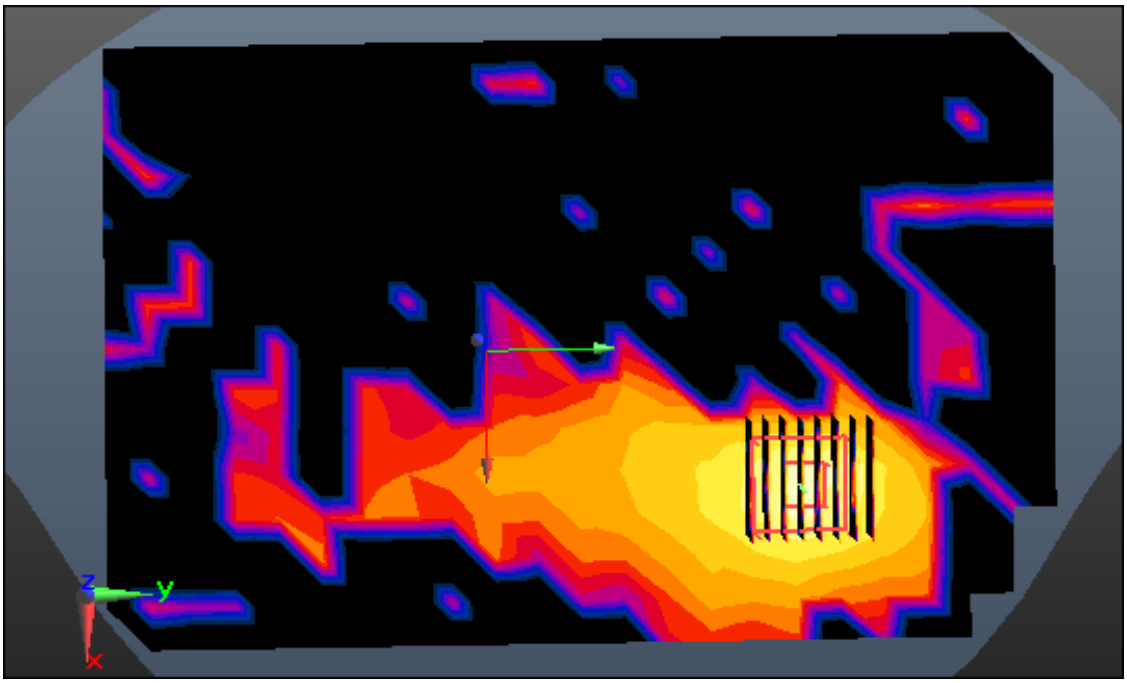
Test Date: 2019-08-27; Ambient Temp: 20.9; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 48, Ant Internal, Ant.1

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.033 W/kg



0 dB = 0.324 W/kg



Enlarged Plot for A63

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

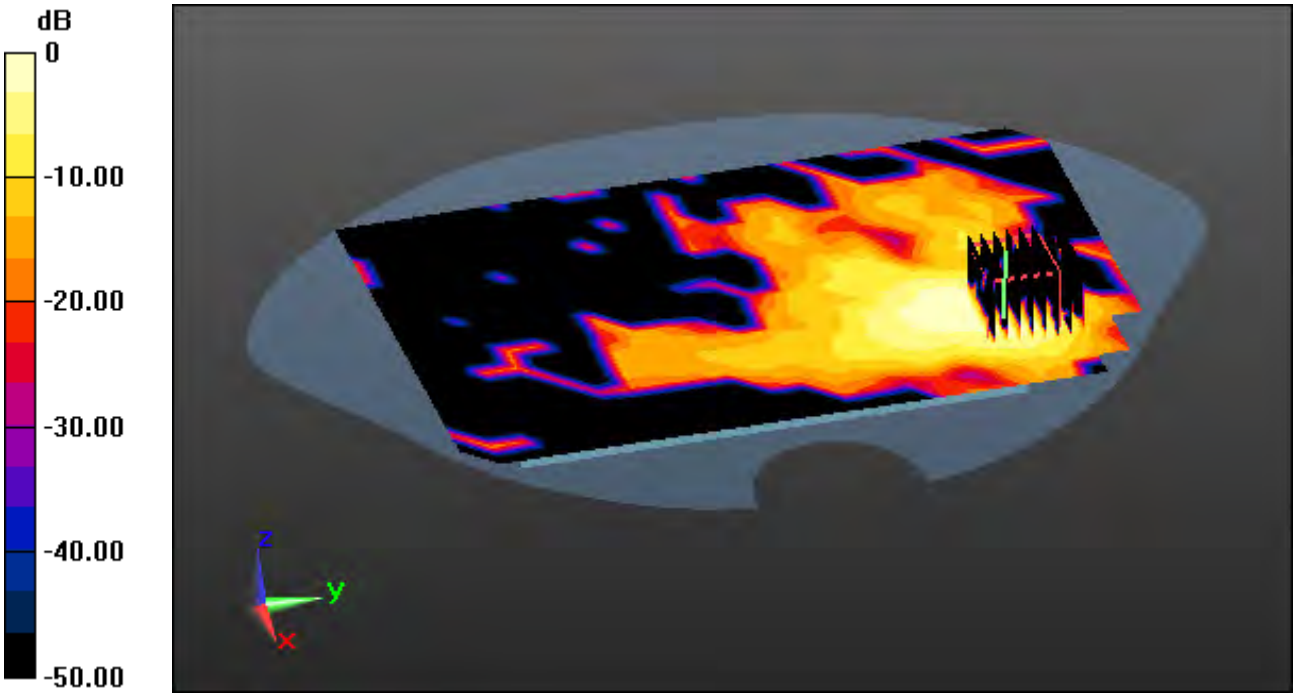
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.101 S/m; ε_r = 49.947; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

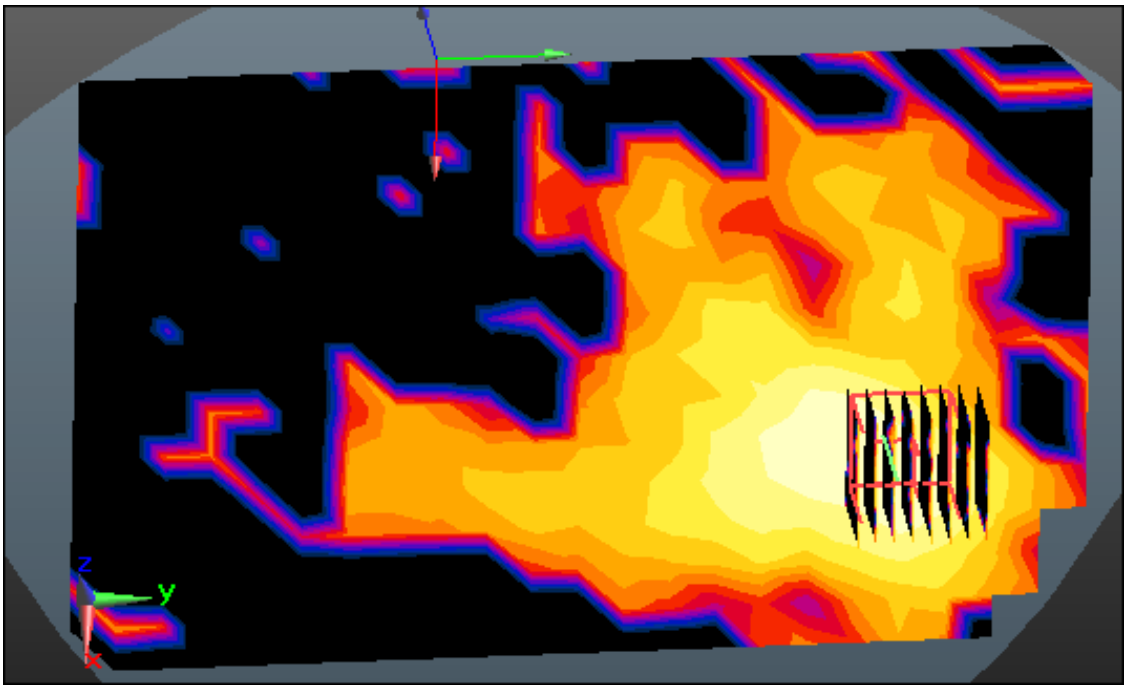
Test Date: 2019-08-27; Ambient Temp: 20.9; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 36, Ant Internal, Ant.2

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.121 W/kg



Enlarged Plot for A64

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

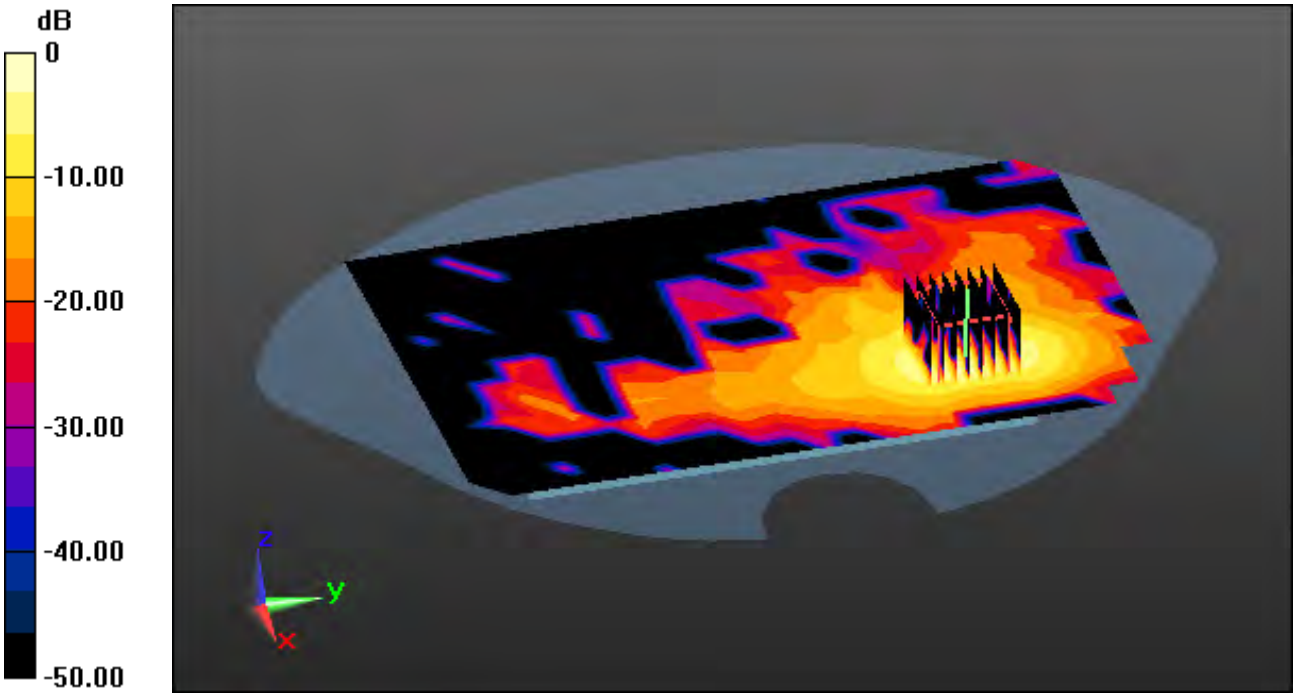
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 5.181 S/m; ε_r = 49.82; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

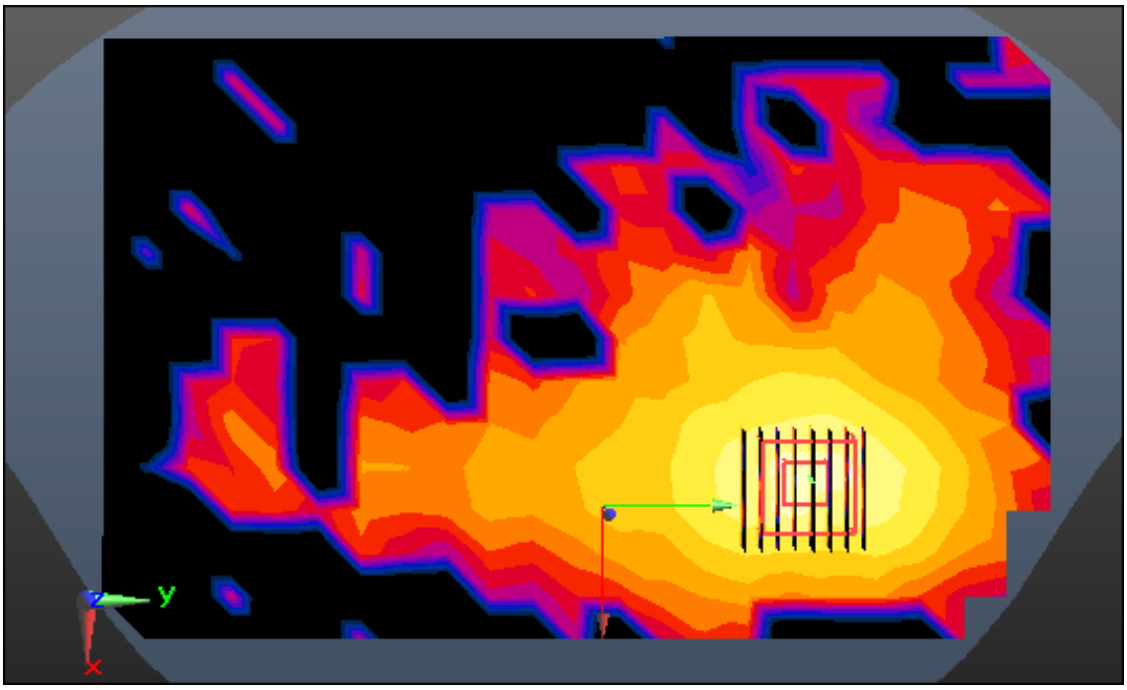
Test Date: 2019-08-27; Ambient Temp: 20.9; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 48, Ant Internal, MIMO

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.462 W/kg



Enlarged Plot for A65

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

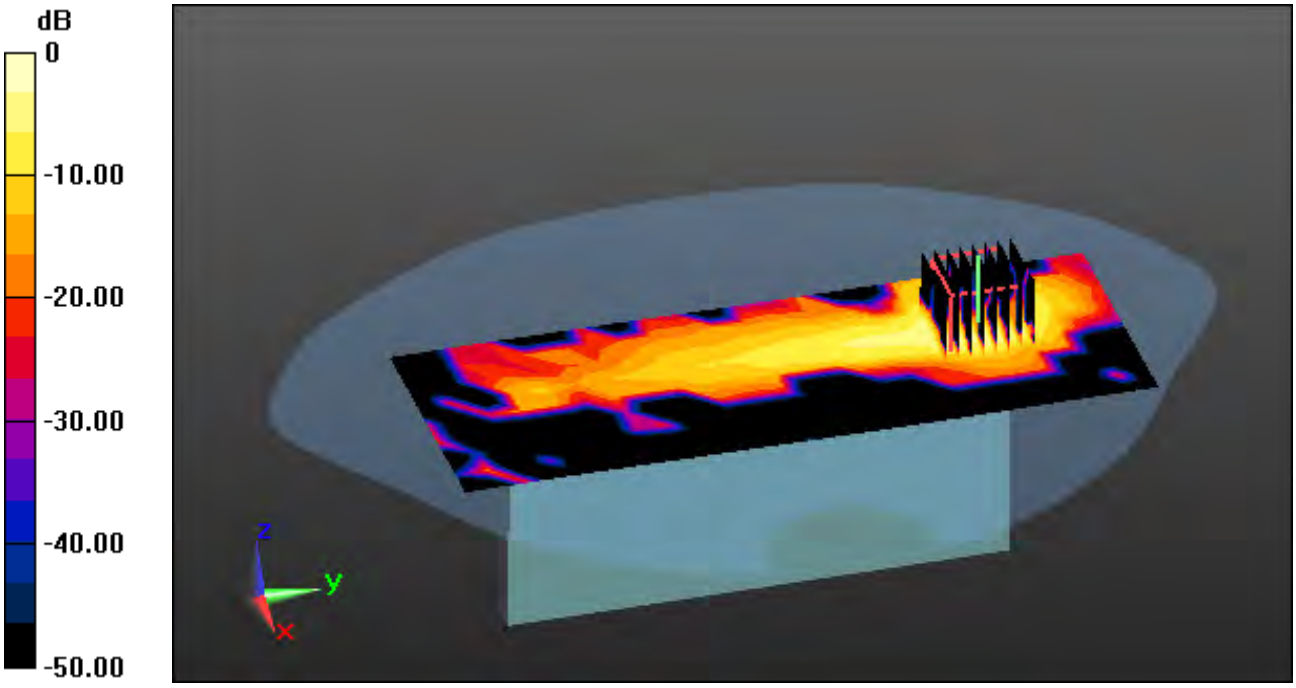
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.965 S/m; ε_r = 48.931; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

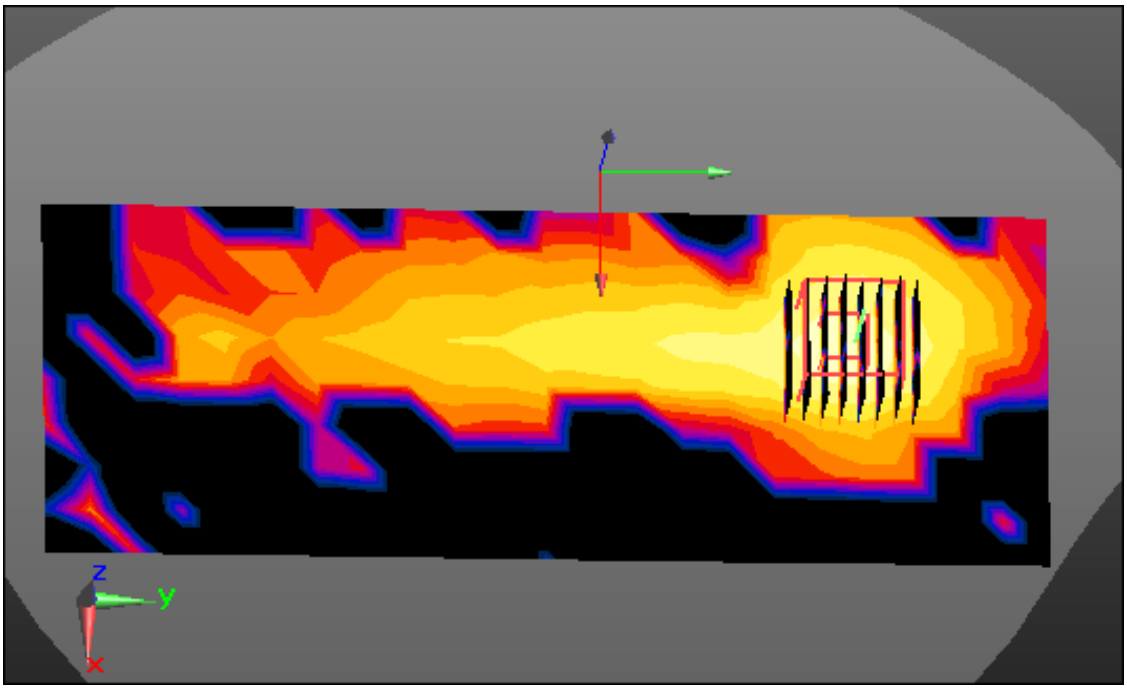
Test Date: 2019-08-30; Ambient Temp: 21.0; Tissue Temp: 20.6

1 cm space from Body, Left, WLAN(802.11a) Ch. 149, Ant Internal, Ant.2

Area Scan (9x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.031 W/kg



0 dB = 0.260 W/kg



Enlarged Plot for A66

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

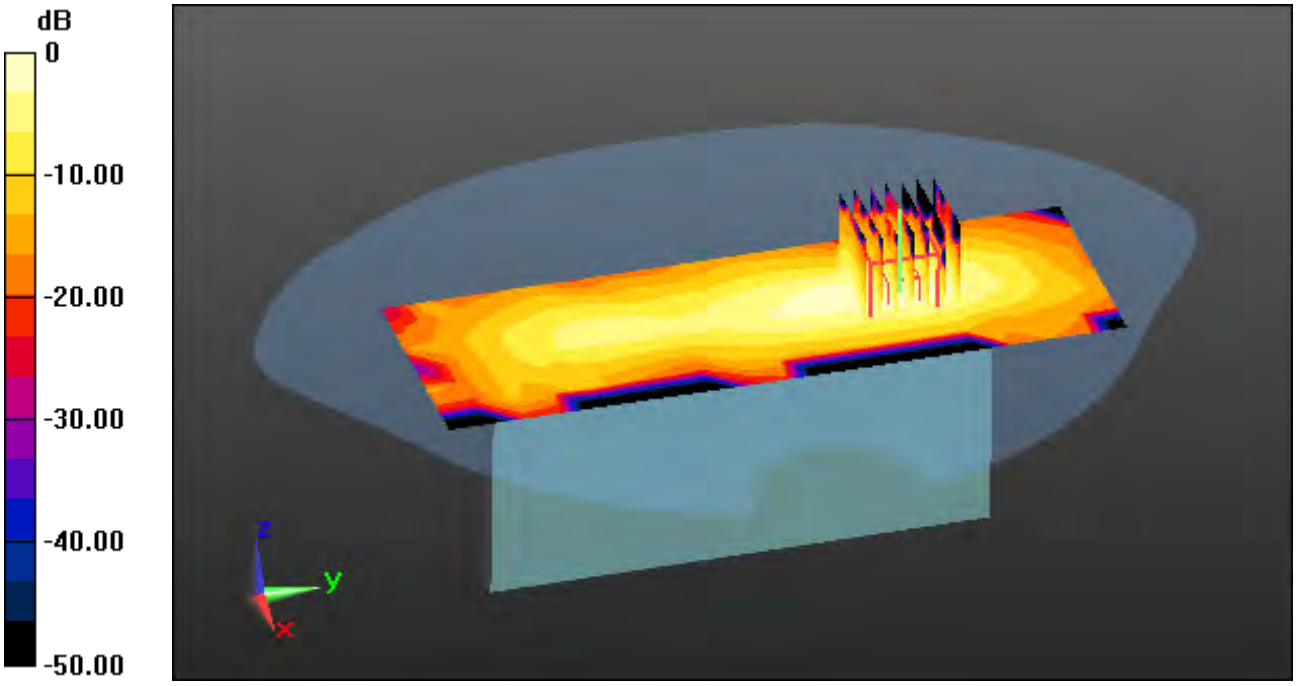
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.886 S/m; ε_r = 50.852; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

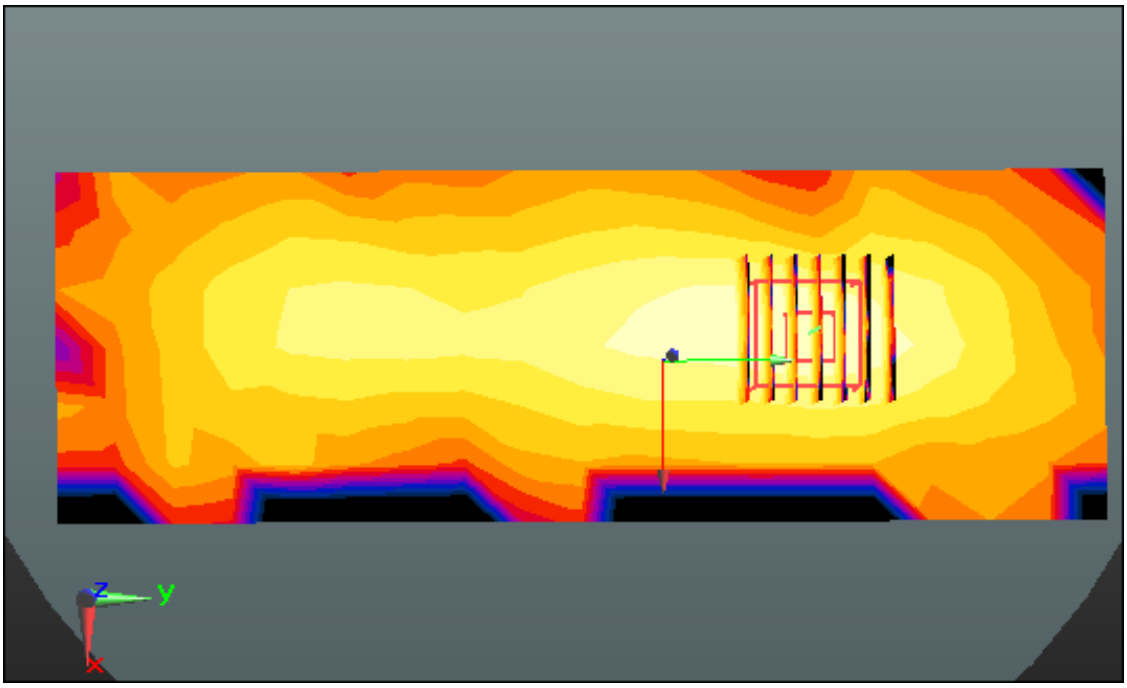
Test Date: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.8

1 cm space from Body, Right, Bluetooth 1Mbps Ch. 39, Ant Internal

Area Scan (7x19x1): Measurement 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) = 0.0790 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.0596 W/kg



Enlarged Plot for A67

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

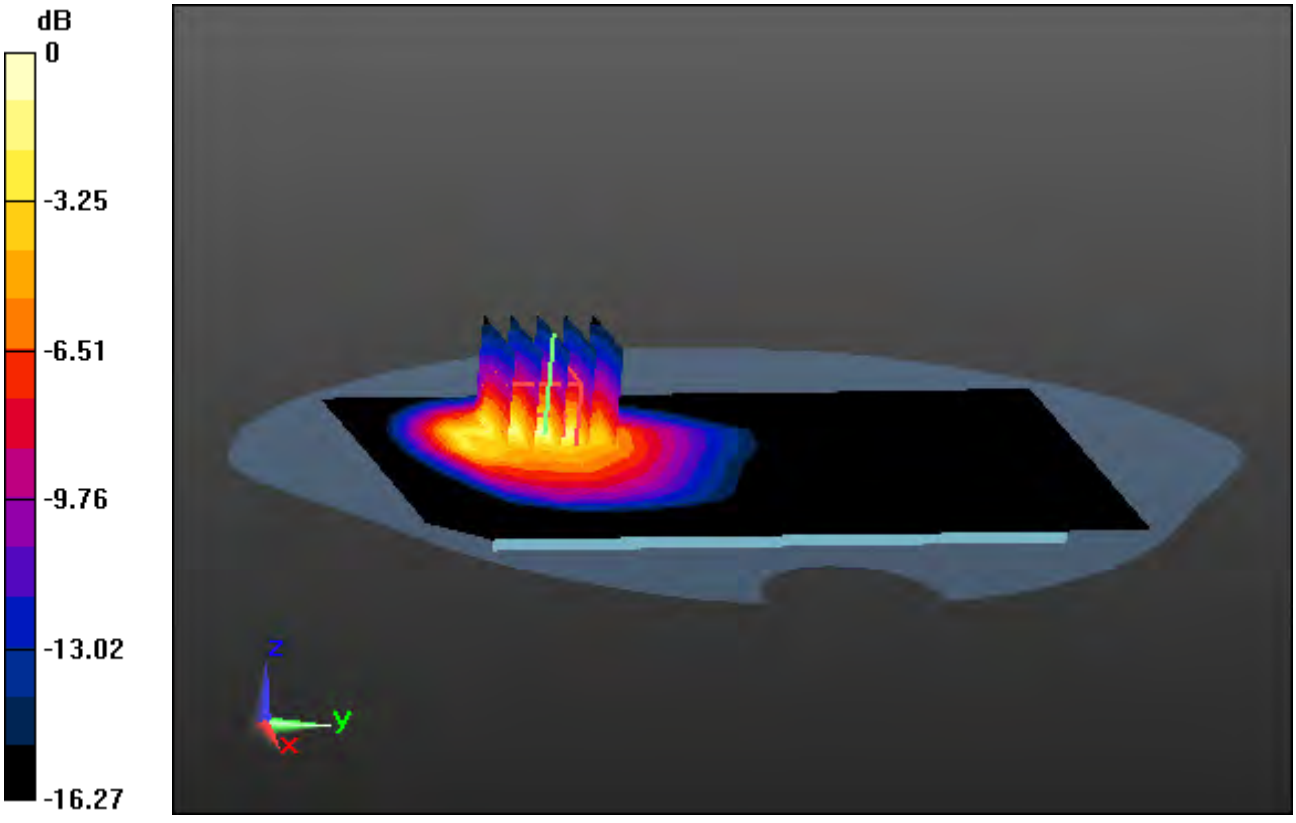
Communication System: UID 0, GSM 850_11 (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 0.999 S/m; ε_r = 53.142; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.38, 6.38, 6.38); Calibrated: 8/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

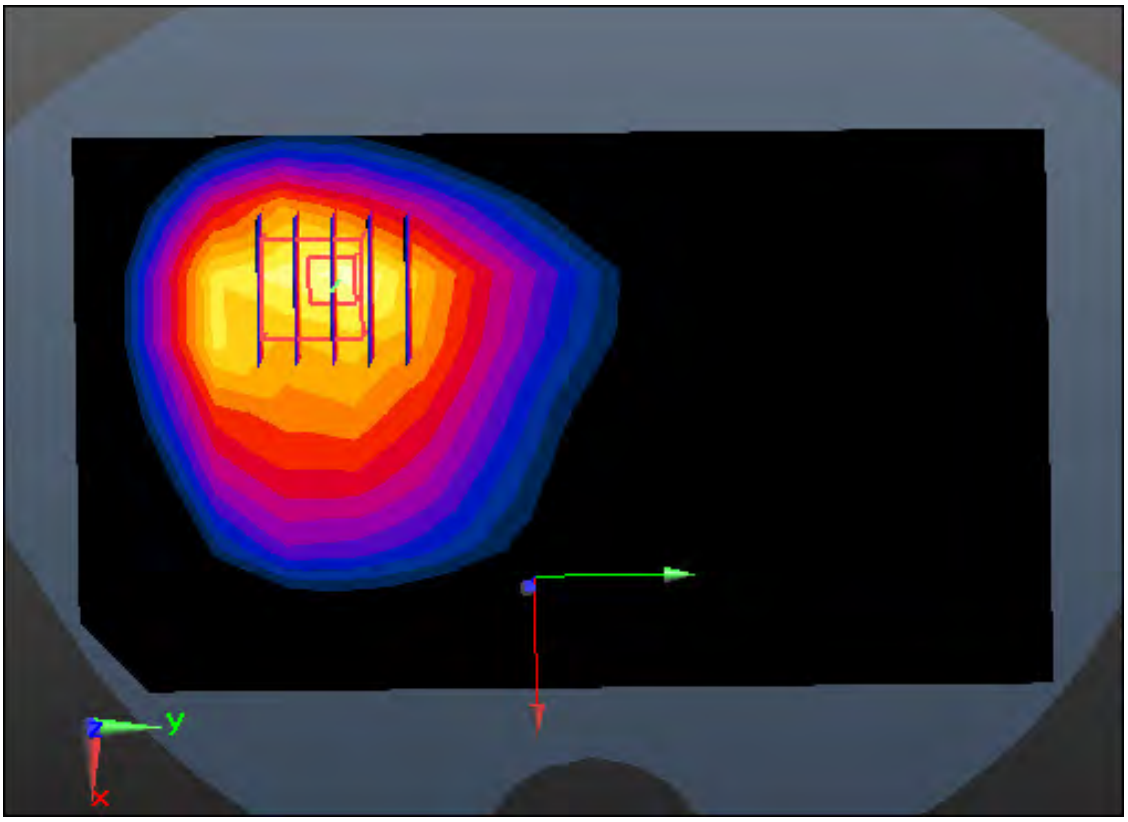
Test Date: 2019-09-04; Ambient Temp: 20.9; Tissue Temp: 21.6

Touch from Body, Rear, GSM850 GPRS 3 Tx Ch. 251, Ant Internal

Area Scan (9x15x1): Measurement 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) = 11.3 W/kg
SAR(1 g) = 5.03 W/kg; SAR(10 g) = 2.56 W/kg



0 dB = 7.29 W/kg



Enlarged Plot for A68

DUT: LM-G850EMW; Type: Bar

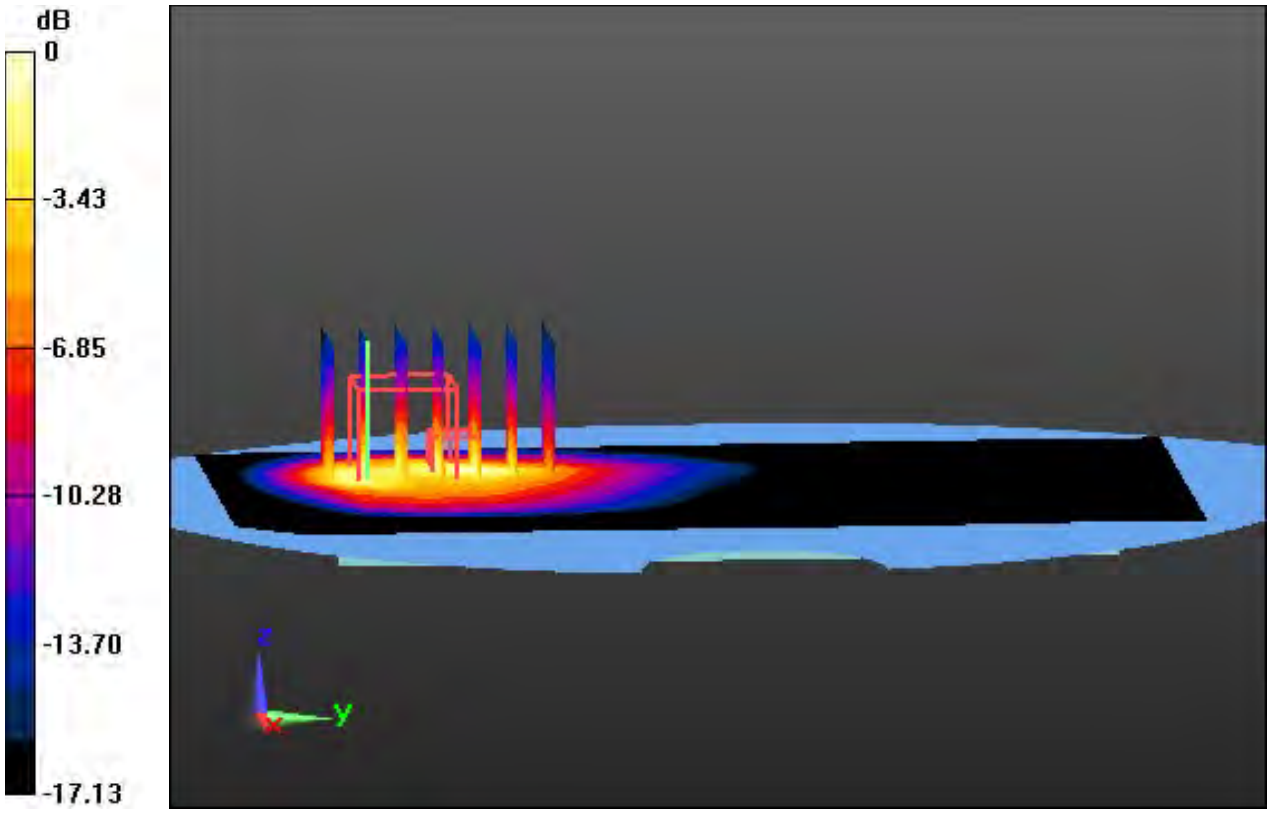
Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 1.006 S/m; ε_r = 57.213; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.23, 10.23, 10.23) @ 836.6 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

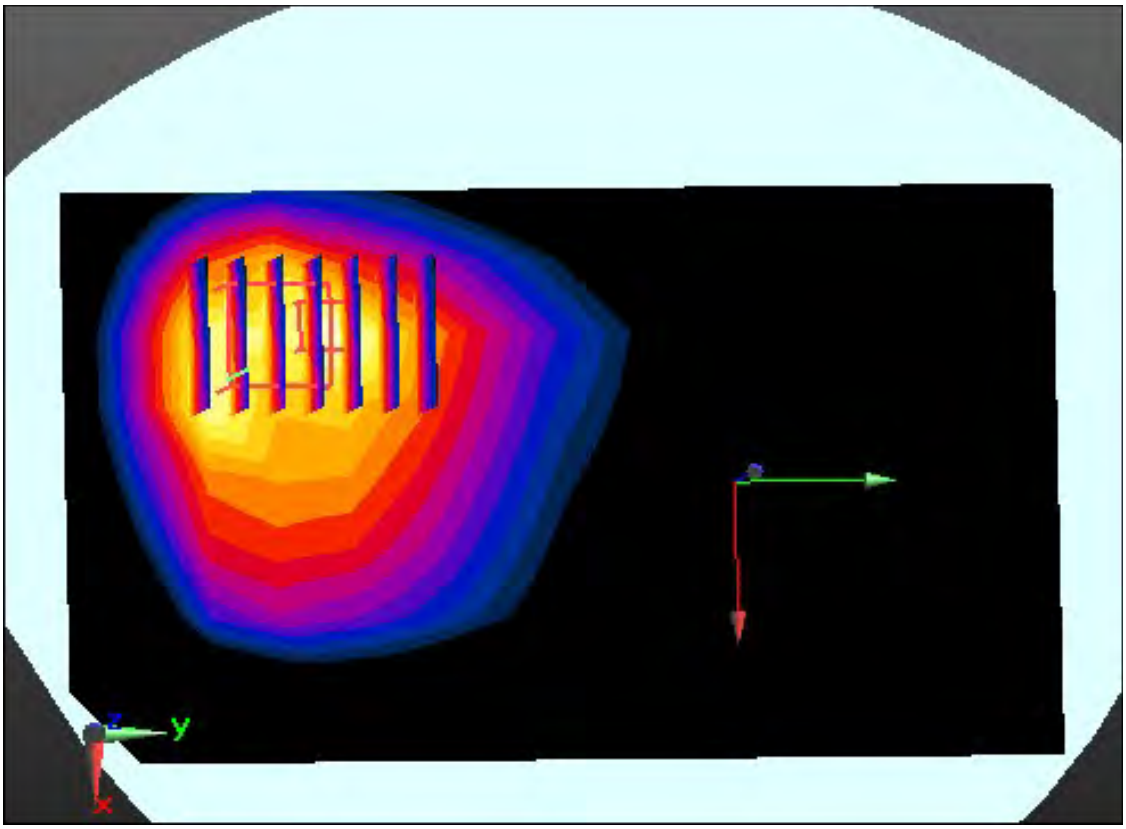
Test Date: 2019-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

Touch from Body, Rear, WCDMA Band 5 Ch. 4183, Ant. Internal

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 9.77 W/kg
SAR(1 g) = 4.51 W/kg; SAR(10 g) = 2.39 W/kg



0 dB = 7.37 W/kg



Enlarged Plot for A69

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

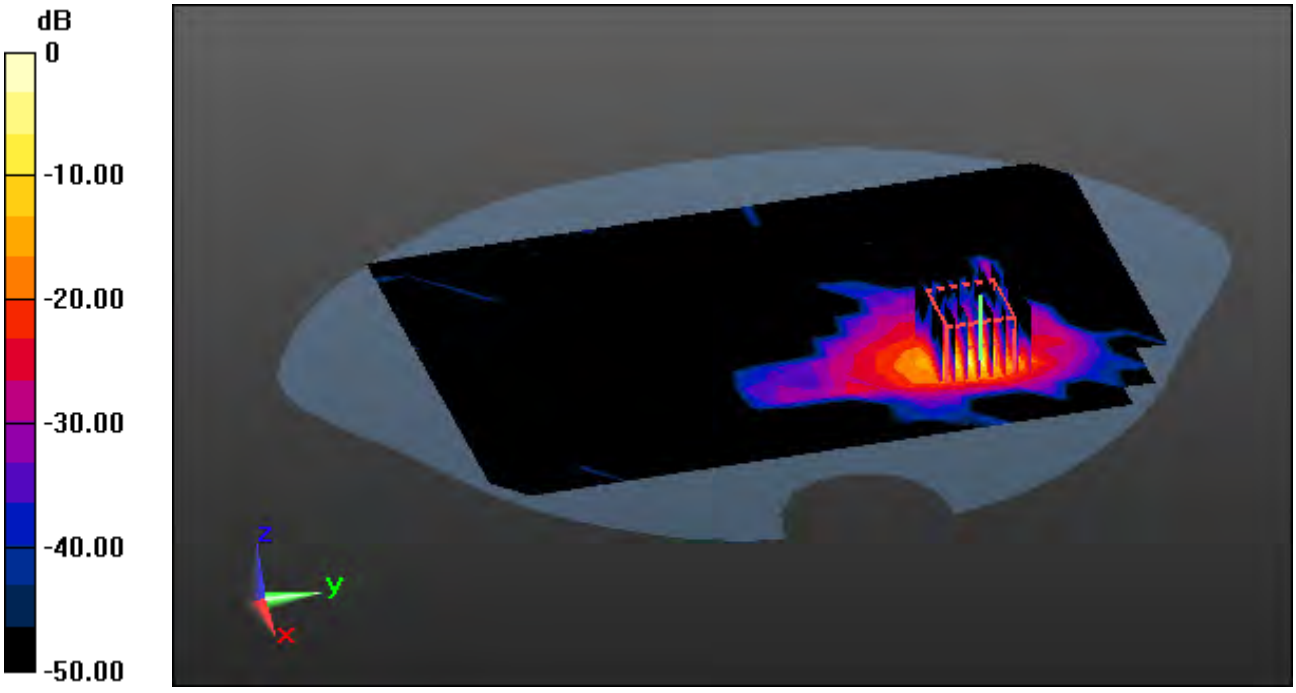
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.201 S/m; ε_r = 49.69; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

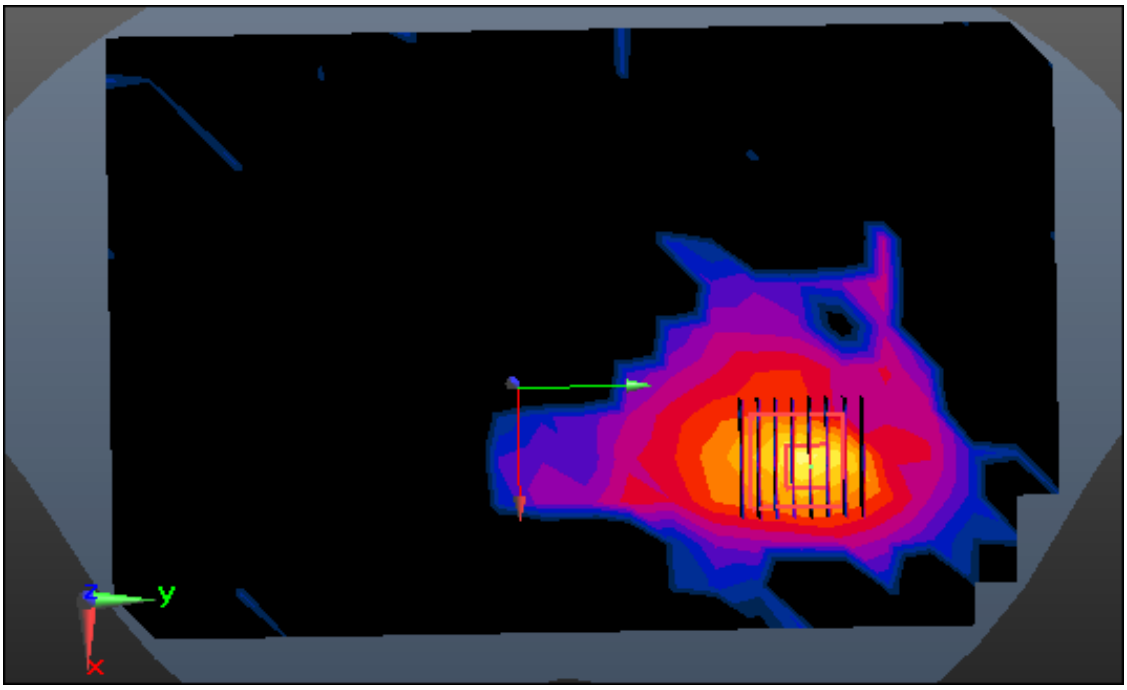
Test Date: 2019-08-28; Ambient Temp: 21.1; Tissue Temp: 20.7

Touch from Body, Rear, WLAN(802.11a) Ch. 52, Ant Internal, Ant.1

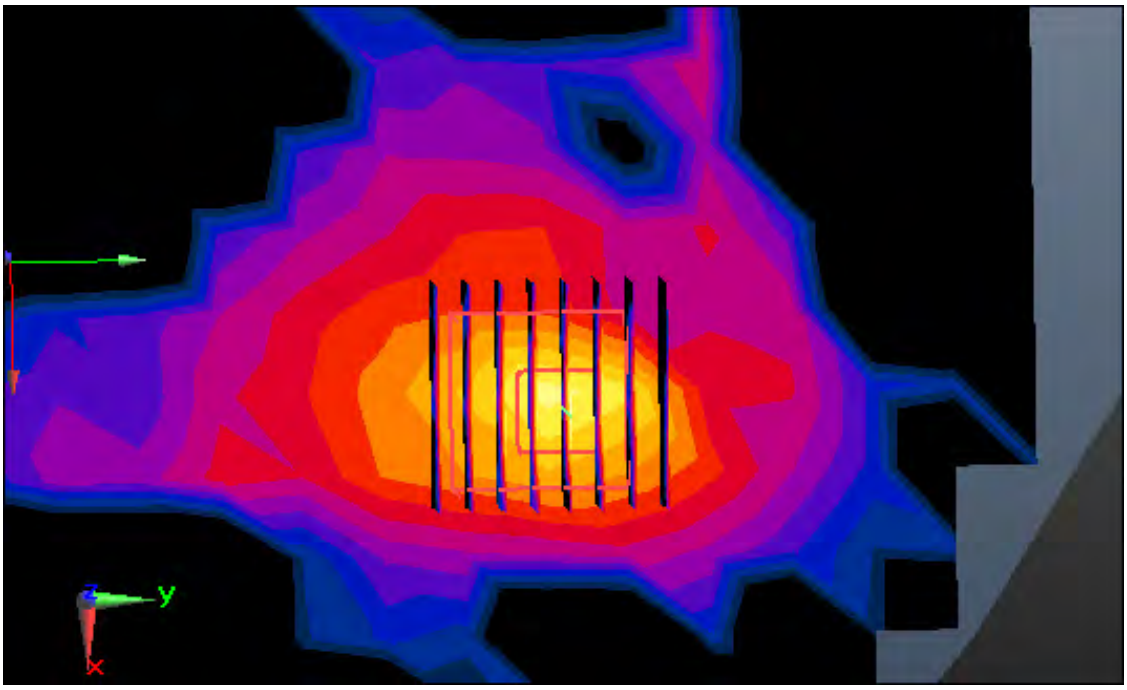
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 47.6 W/kg
SAR(1 g) = 4.73 W/kg; SAR(10 g) = 0.722 W/kg



0 dB = 21.5 W/kg



Enlarged Plot for A70



Enlarged Plot for A70

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

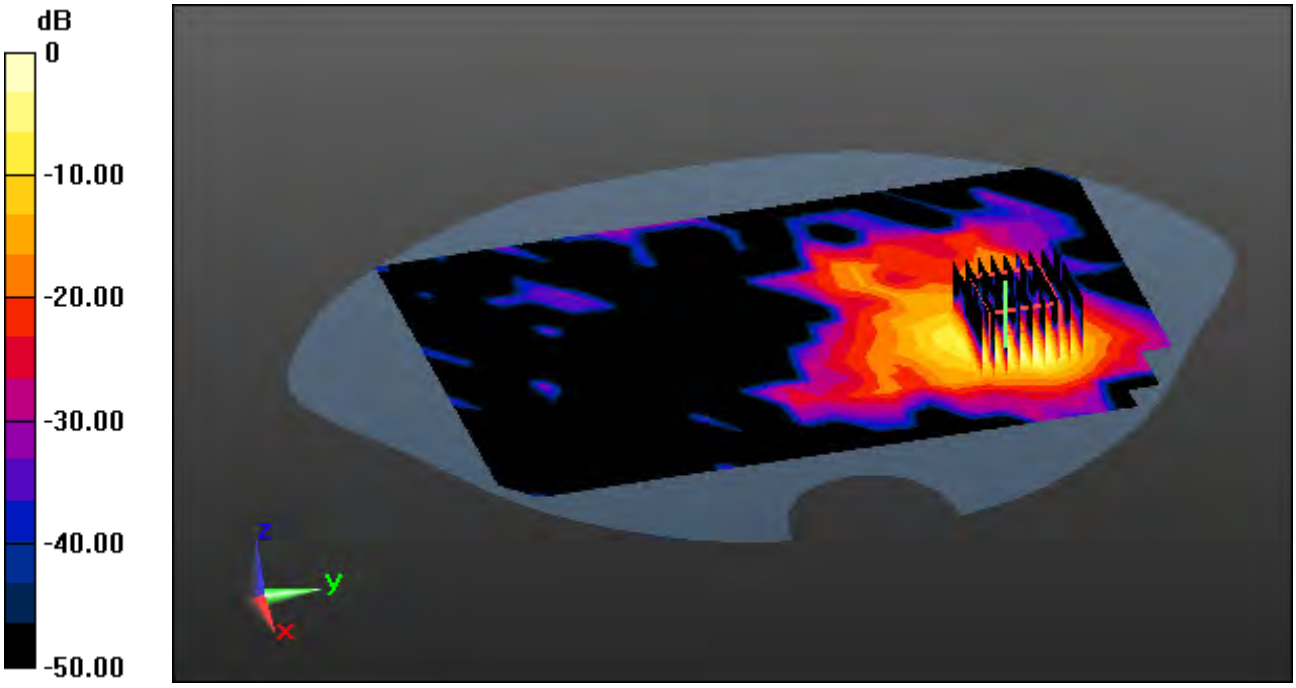
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.249 S/m; ε_r = 49.614; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

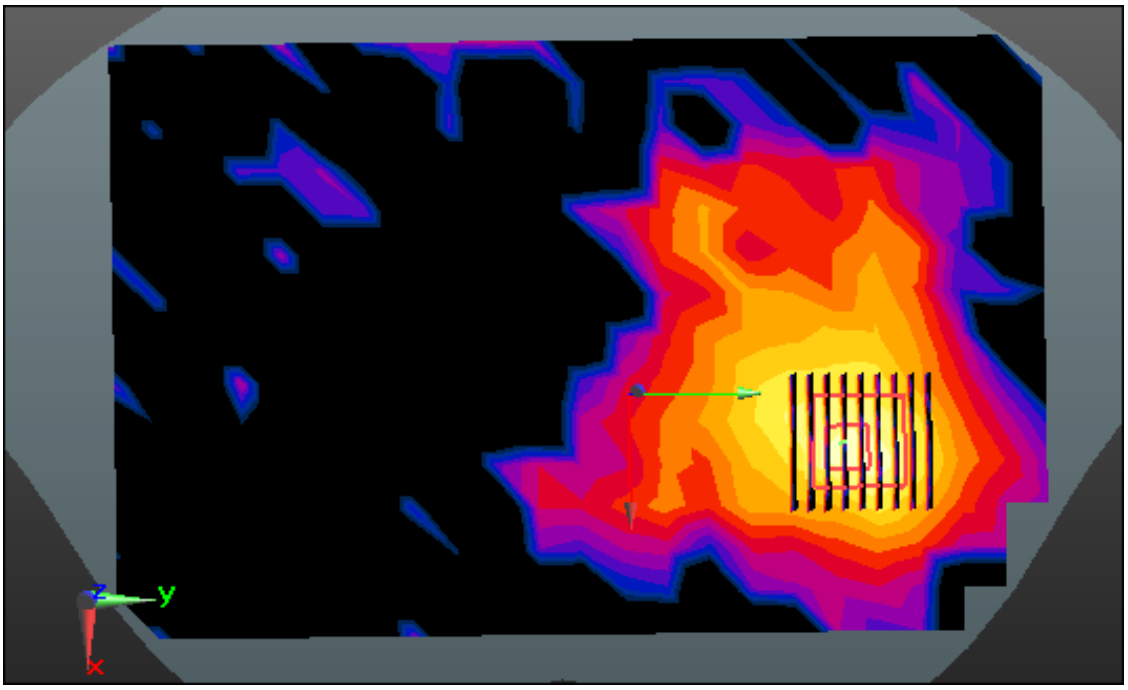
Test Date: 2019-08-28; Ambient Temp: 21.1; Tissue Temp: 20.7

Touch from Body, Rear, WLAN(802.11a) Ch. 60, Ant Internal, Ant.2

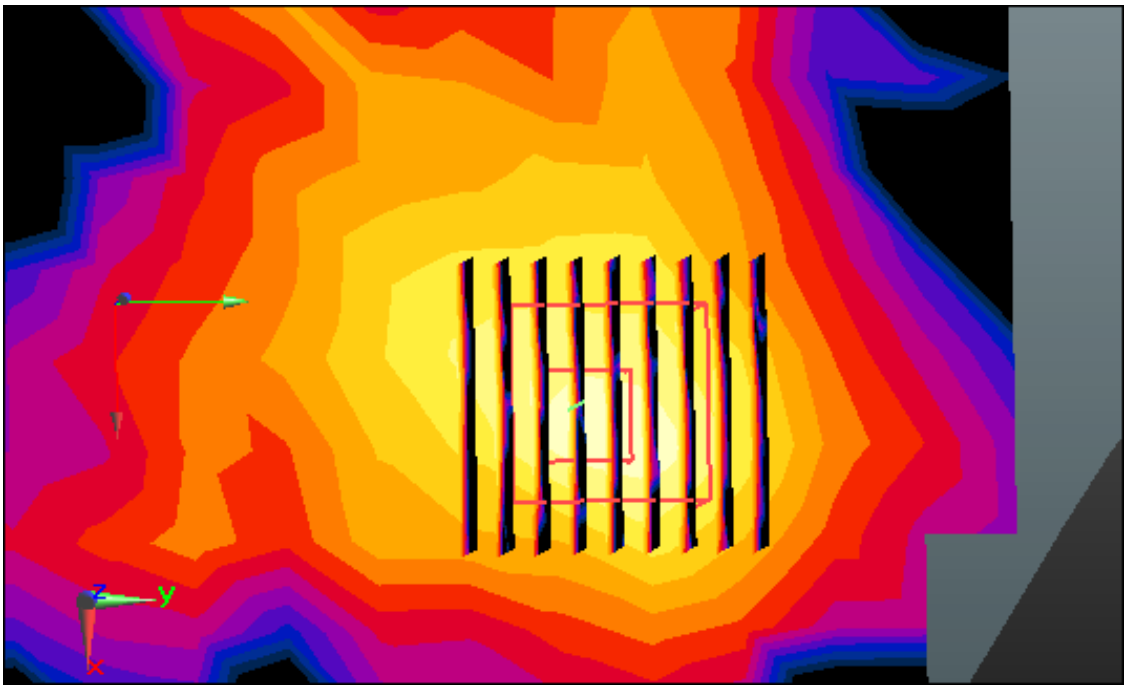
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 8.44 W/kg
SAR(1 g) = 1.51 W/kg; SAR(10 g) = 0.463 W/kg



0 dB = 4.39 W/kg



Enlarged Plot for A71



Enlarged Plot for A71

DUT: LM-G850EMW; Type: Bar

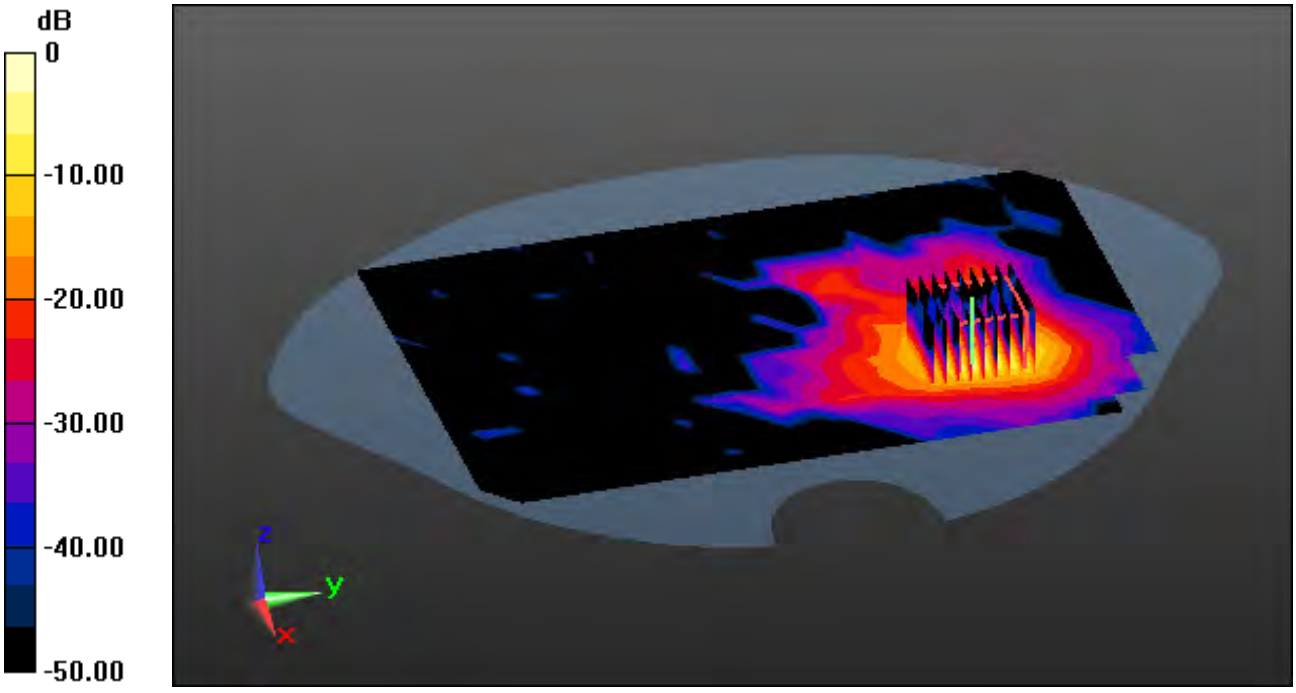
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.249 S/m; ε_r = 49.614; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

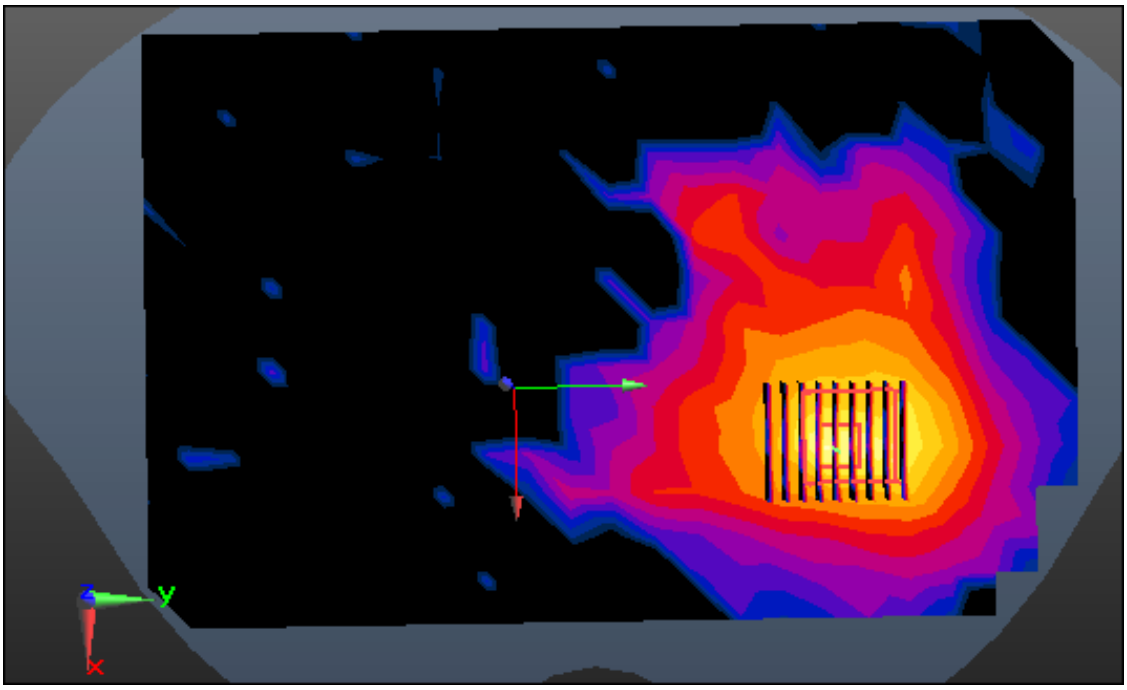
Test Date: 2019-08-28; Ambient Temp: 21.1; Tissue Temp: 20.7

Touch from Body, Rear, WLAN(802.11a) Ch. 60, Ant Internal, MIMO

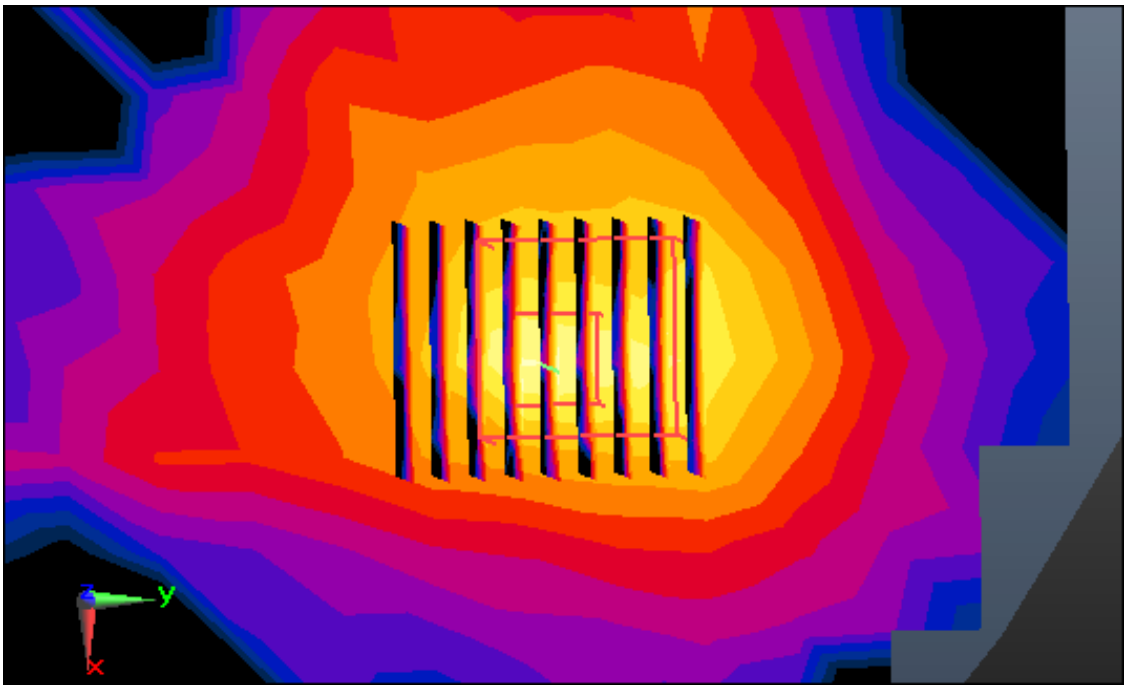
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 29.7 W/kg
SAR(1 g) = 3.79 W/kg; SAR(10 g) = 0.866 W/kg



0 dB = 16.3 W/kg



Enlarged Plot for A72



Enlarged Plot for A72

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

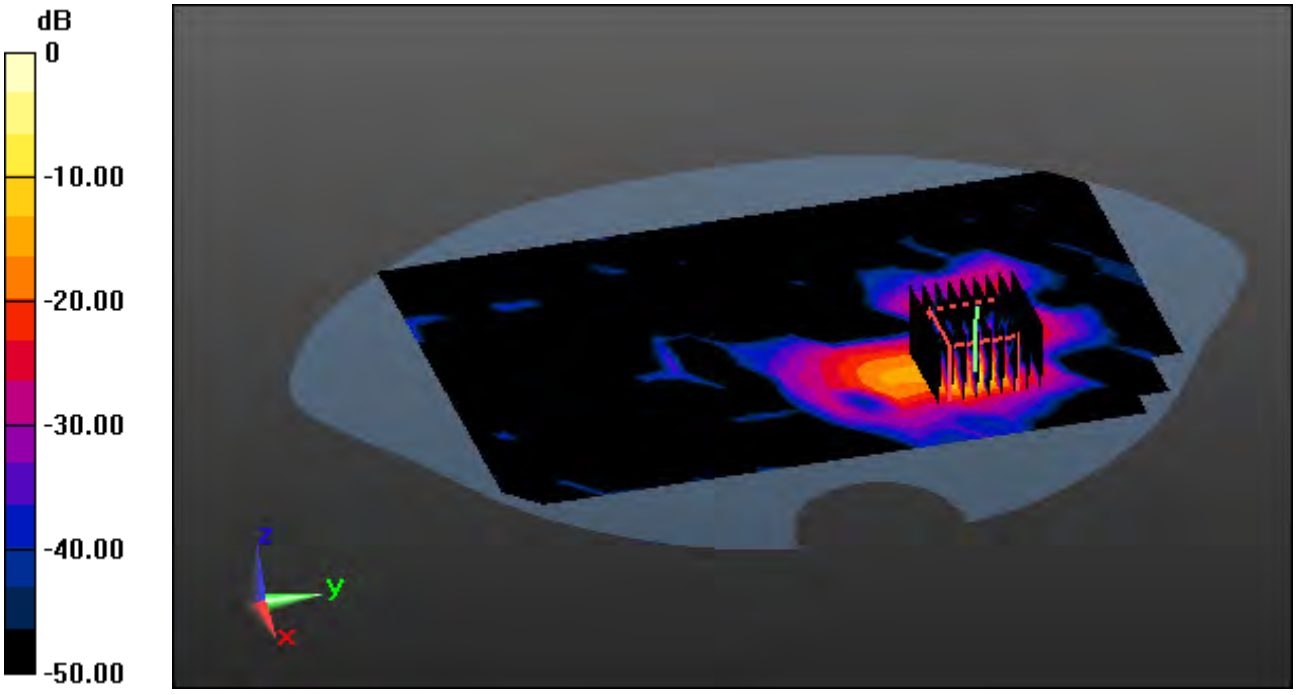
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.799 S/m; ε_r = 48.716; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

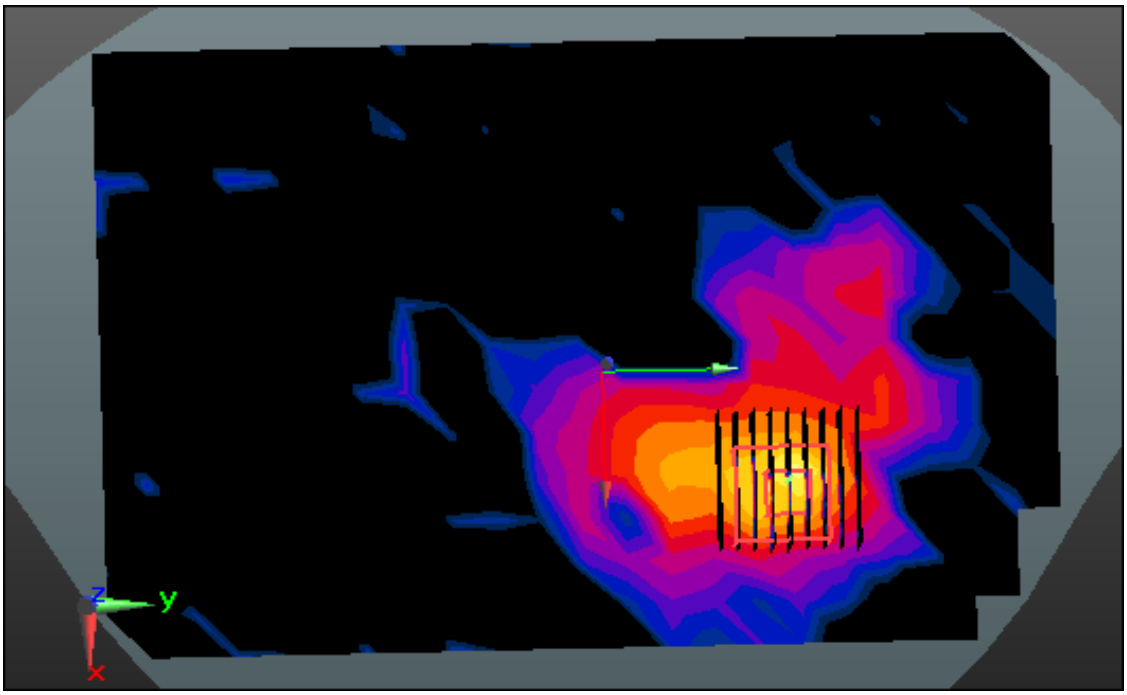
Test Date: 2019-08-29; Ambient Temp: 21.2; Tissue Temp: 21.0

Touch from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, Ant.1

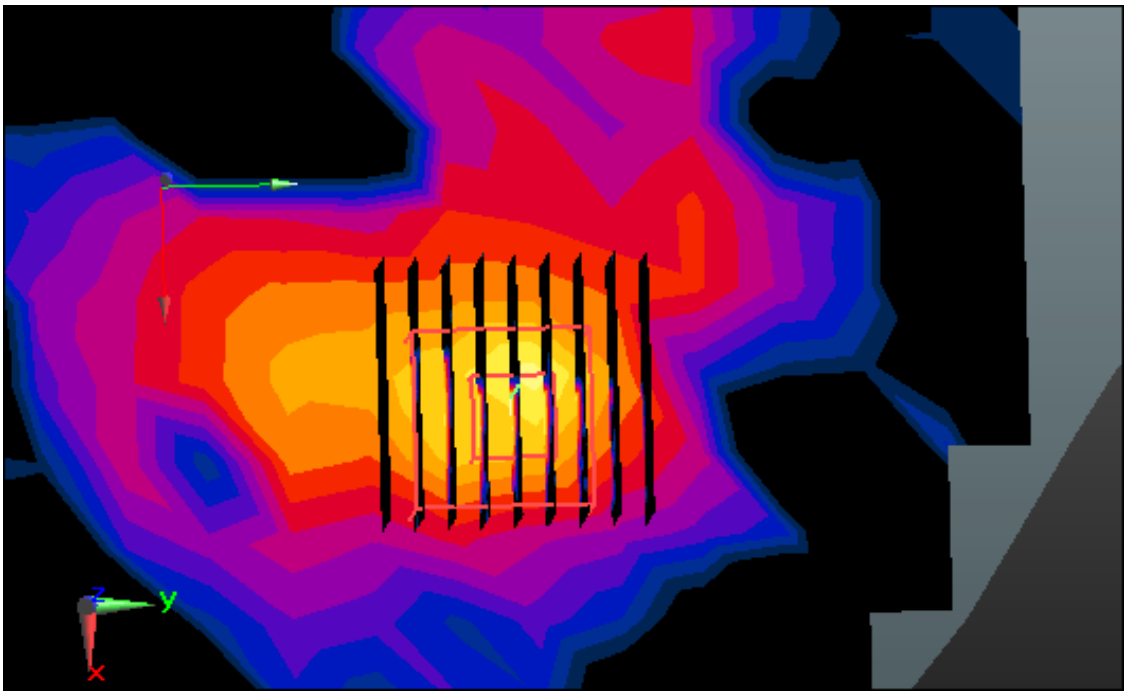
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 103 W/kg
SAR(1 g) = 4.84 W/kg; SAR(10 g) = 0.660 W/kg



0 dB = 23.7 W/kg



Enlarged Plot for A73



Enlarged Plot for A73

DUT: LM-G850EMW; Type: Bar

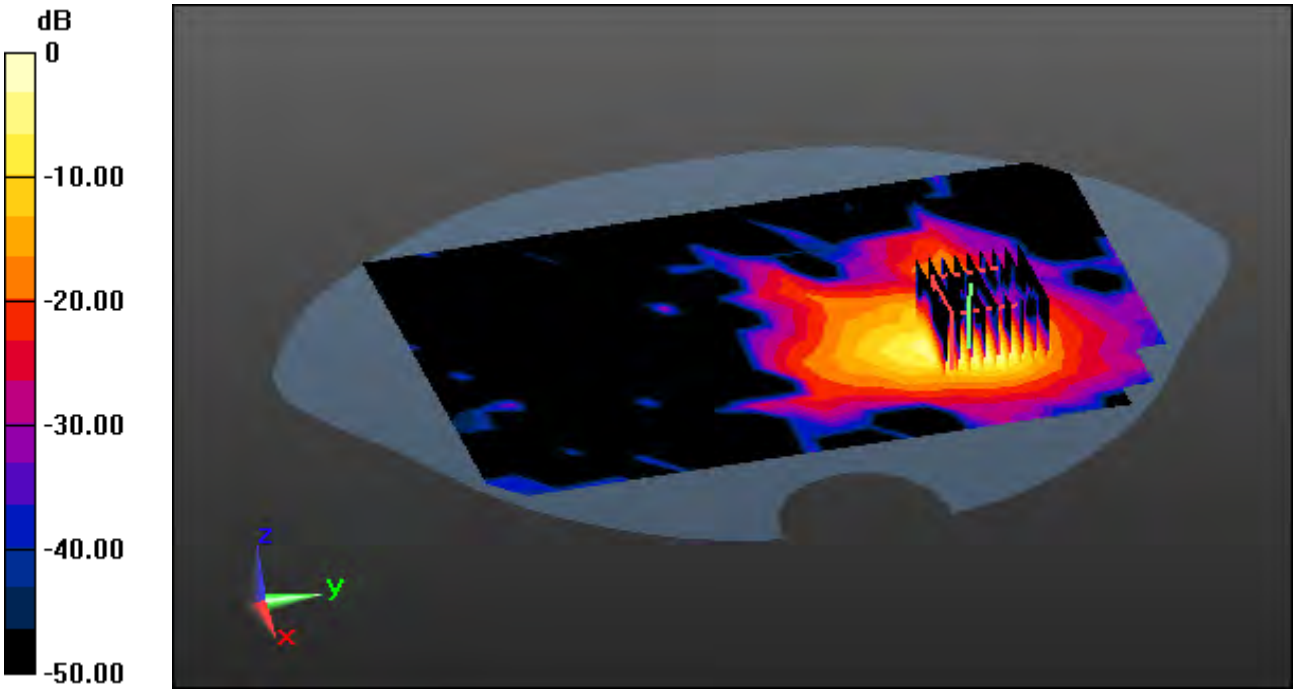
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.577 S/m; ε_r = 48.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(3.93, 3.93, 3.93); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

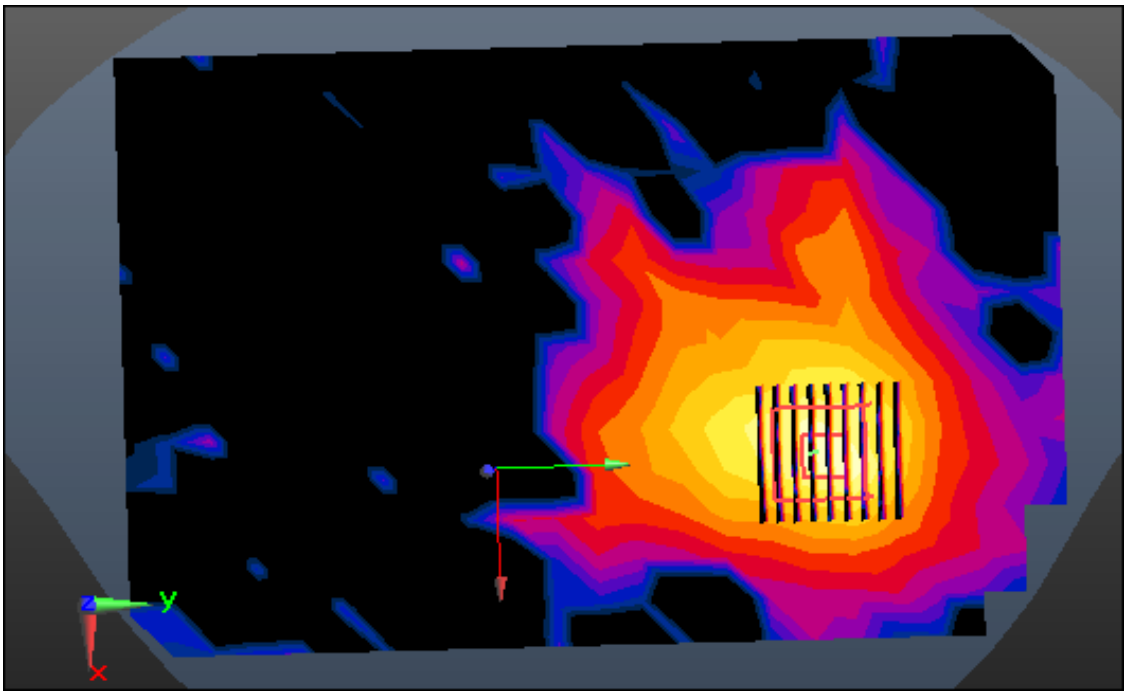
Test Date: 2019-08-29; Ambient Temp: 21.2; Tissue Temp: 21.0

Touch from Body, Rear, WLAN(802.11a) Ch. 100, Ant Internal, Ant.2

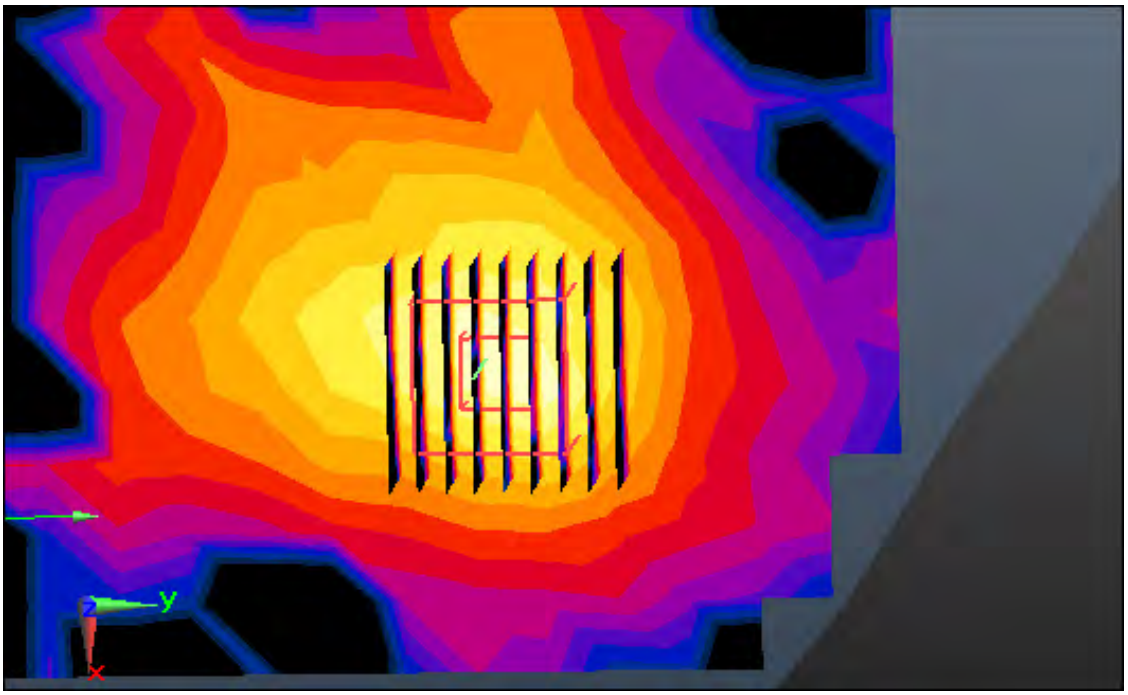
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 2.24 W/kg; SAR(10 g) = 0.703 W/kg



0 dB = 6.57 W/kg



Enlarged Plot for A74



Enlarged Plot for A74

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

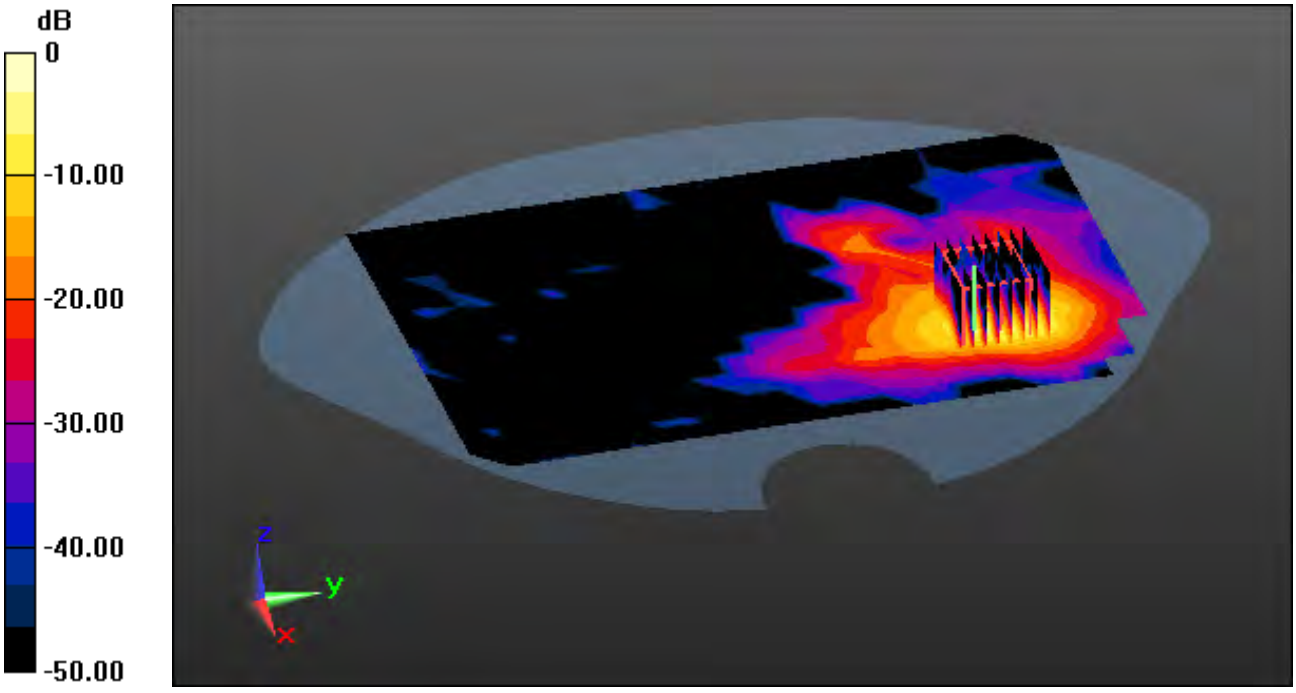
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.799 S/m; ε_r = 48.716; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

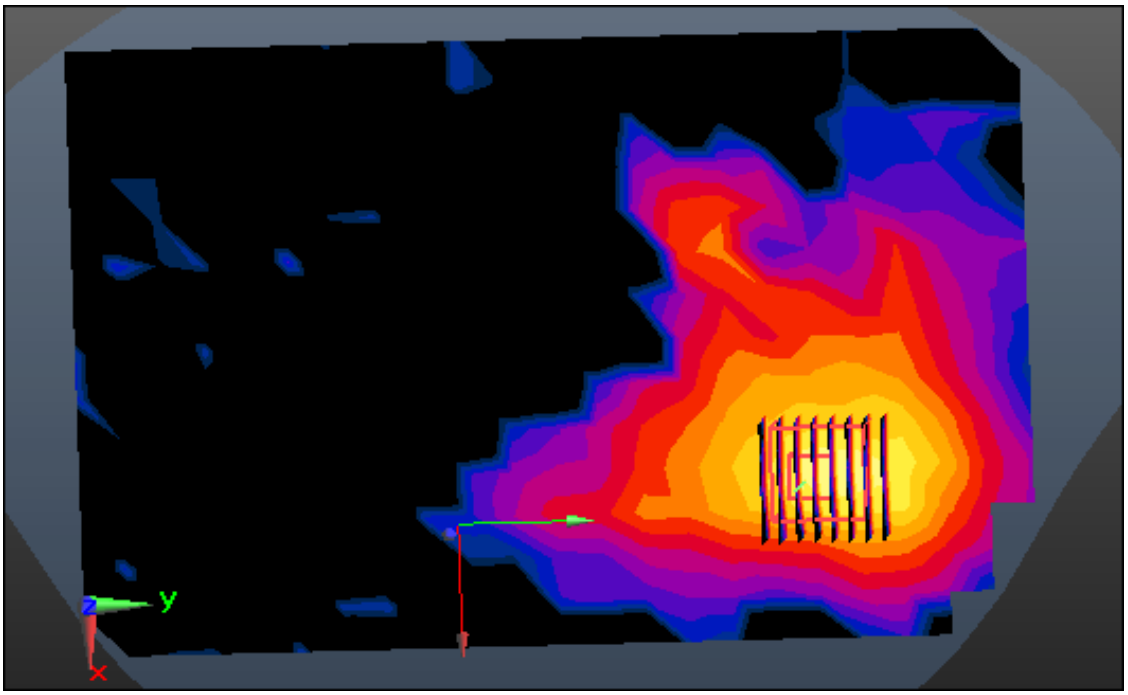
Test Date: 2019-08-29; Ambient Temp: 21.2; Tissue Temp: 21.0

Touch from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, MIMO

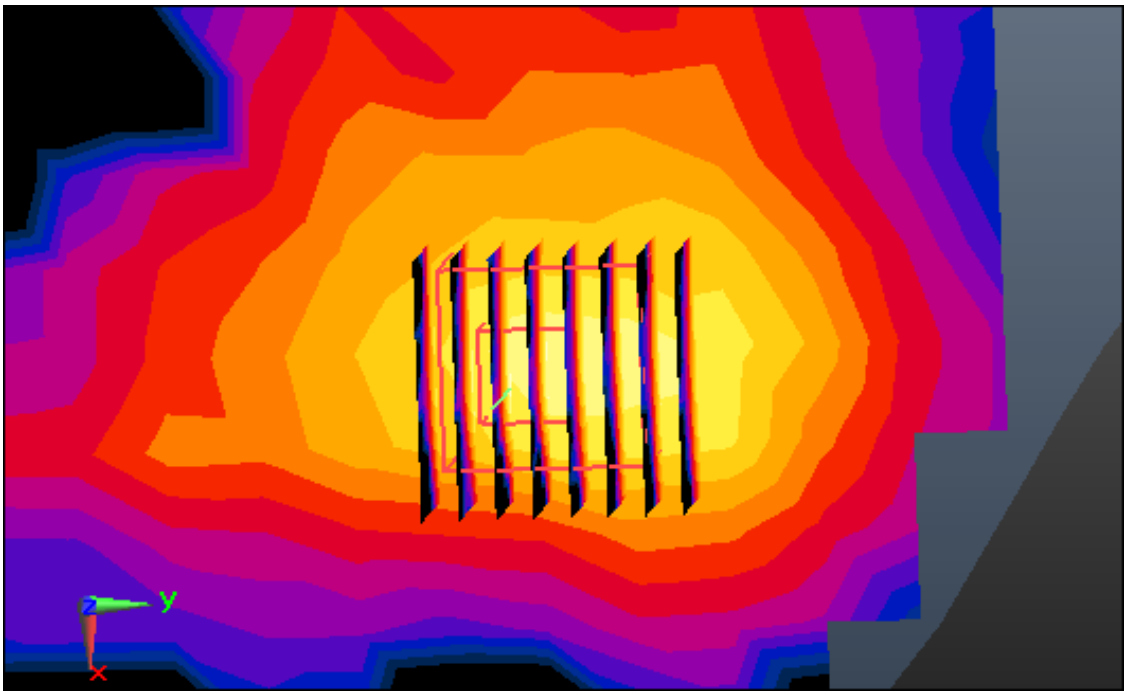
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan 2 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 34.5 W/kg
SAR(1 g) = 4.6 W/kg; SAR(10 g) = 1.03 W/kg



0 dB = 17.4 W/kg



Enlarged Plot for A75



Enlarged Plot for A75

DUT: LM-G850EMW; Type: Bar

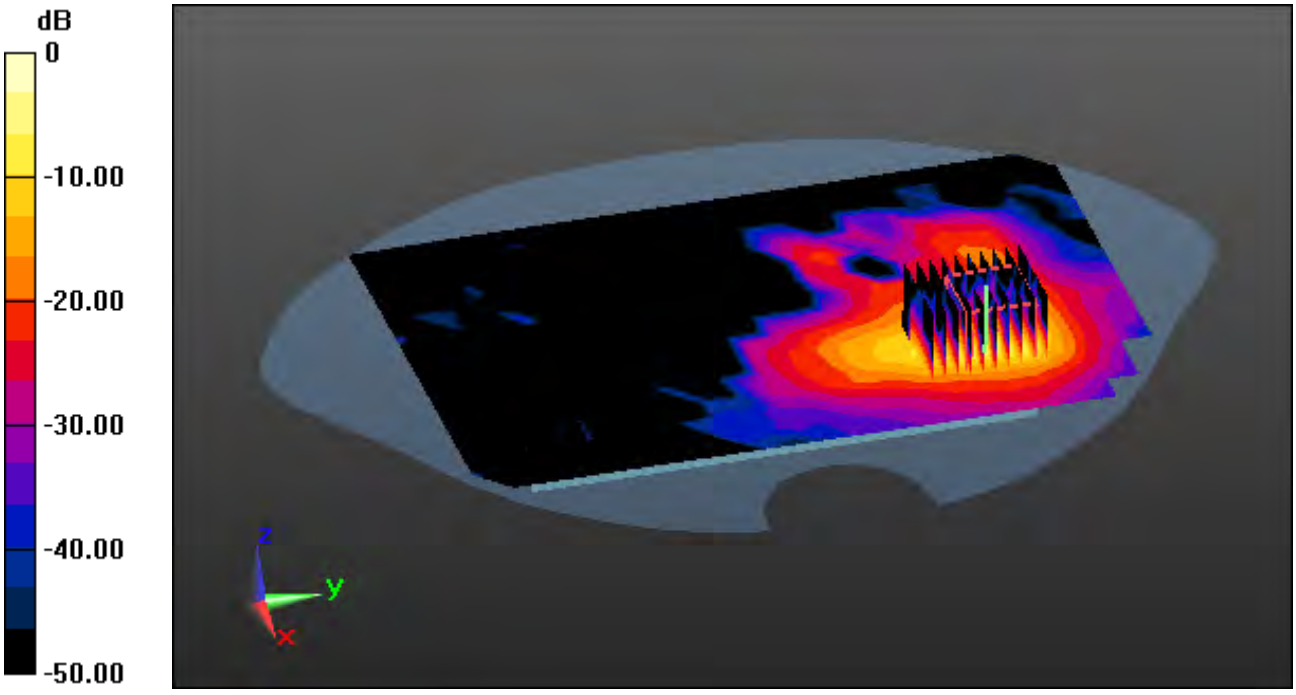
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.063 S/m; ε_r = 48.763; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

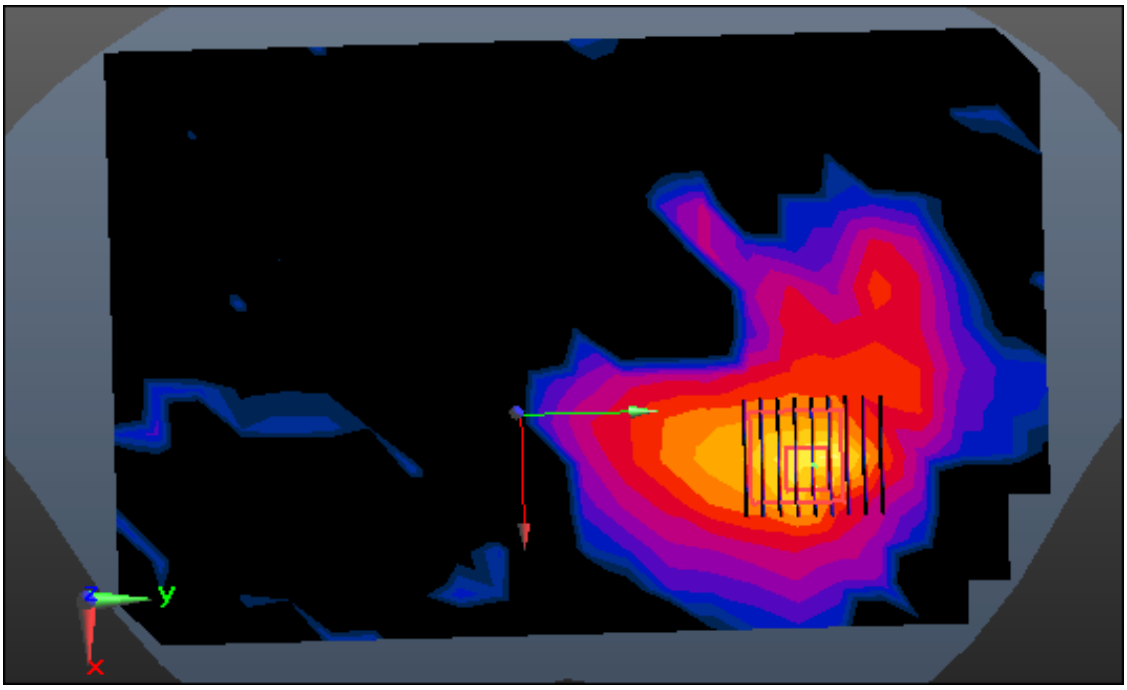
Test Date: 2019-08-30; Ambient Temp: 21.0; Tissue Temp: 20.6

Touch from Body, Rear, WLAN(802.11a) Ch. 165, Ant Internal, Ant.1

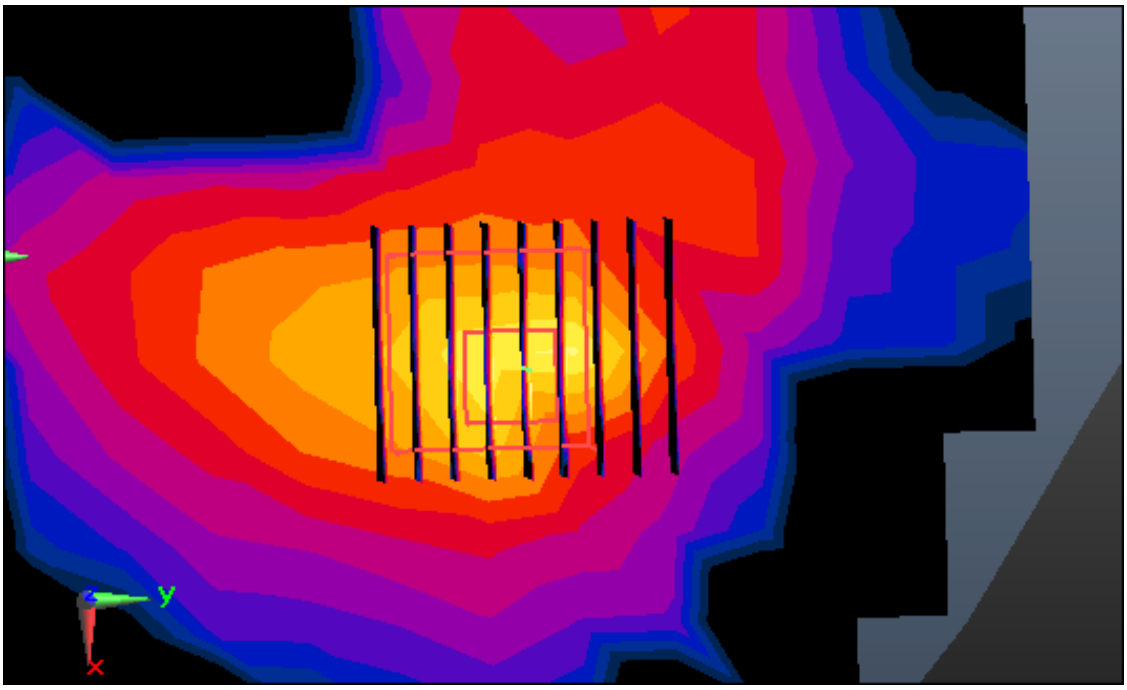
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 53.31 W/kg
SAR(1 g) = 4.61 W/kg; SAR(10 g) = 0.715 W/kg



0 dB = 19.84 W/kg



Enlarged Plot for A76



Enlarged Plot for A76

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

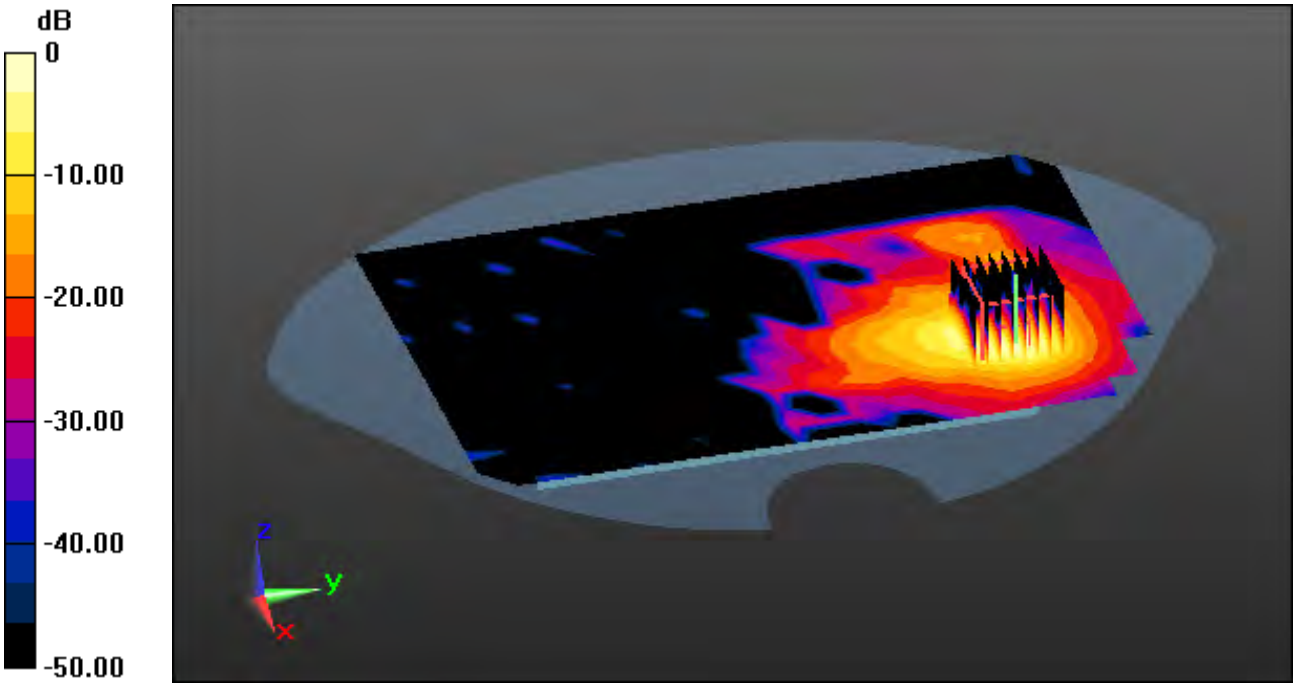
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.063 S/m; ε_r = 48.763; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

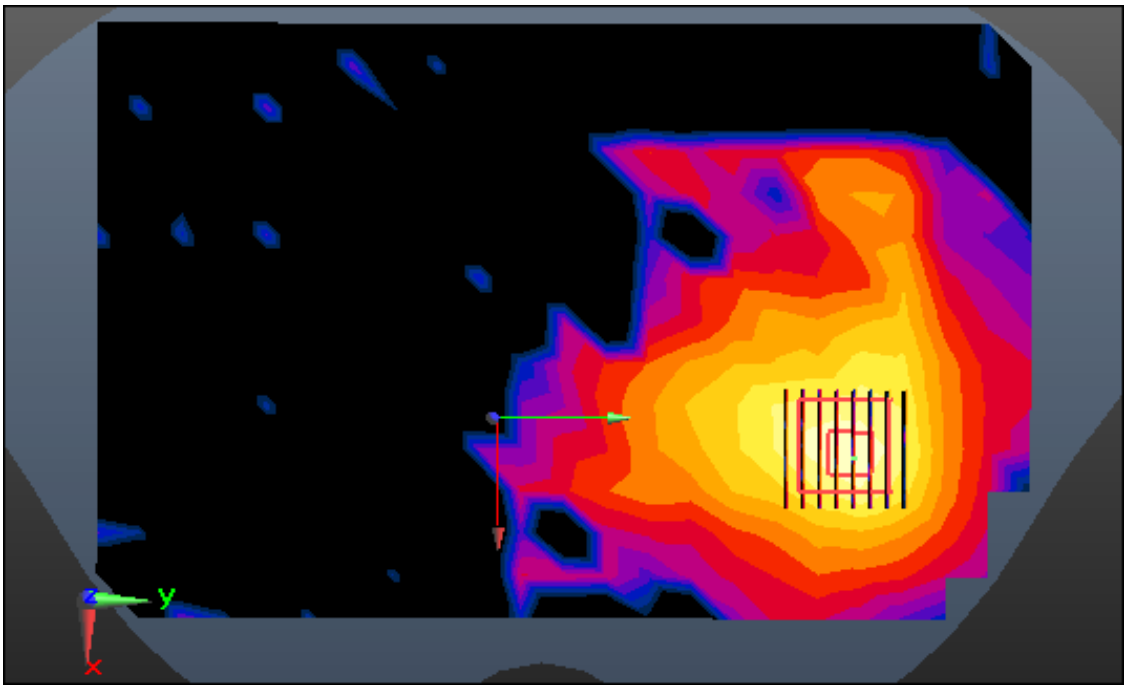
Test Date: 2019-08-30; Ambient Temp: 21.0; Tissue Temp: 20.6

Touch from Body, Rear, WLAN(802.11a) Ch. 165, Ant Internal, Ant.2

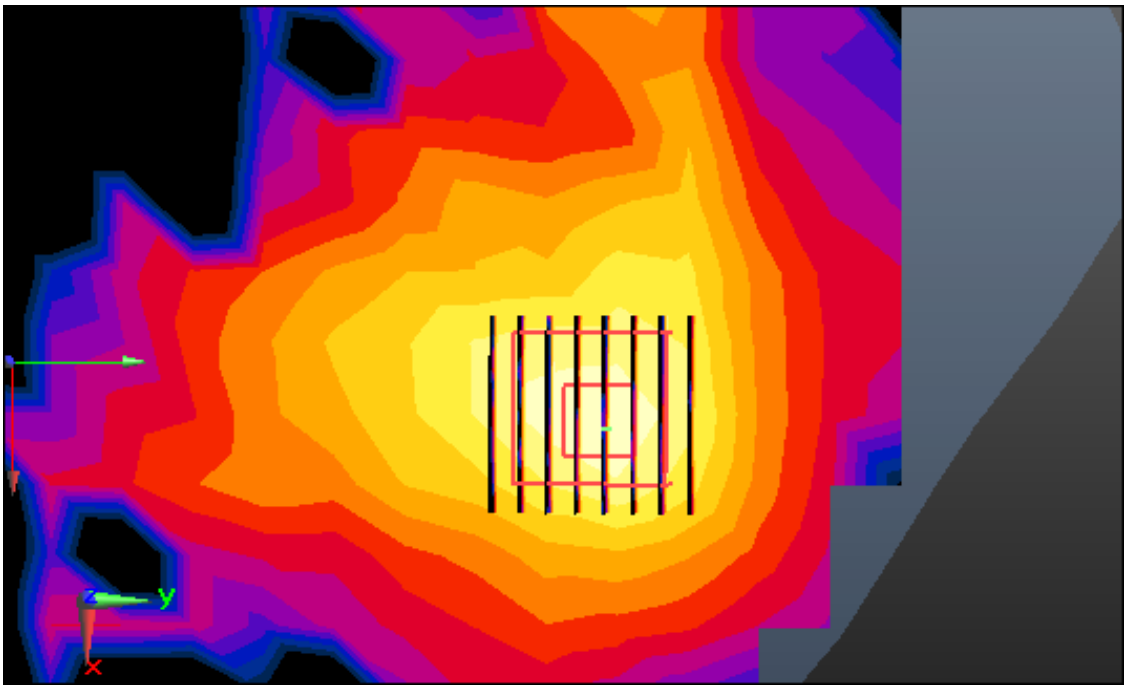
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 1.81 W/kg; SAR(10 g) = 0.587 W/kg



0 dB = 4.83 W/kg



Enlarged Plot for A77



Enlarged Plot for A77

DT&C Co., Ltd.

DUT: LM-G850EMW; Type: Bar

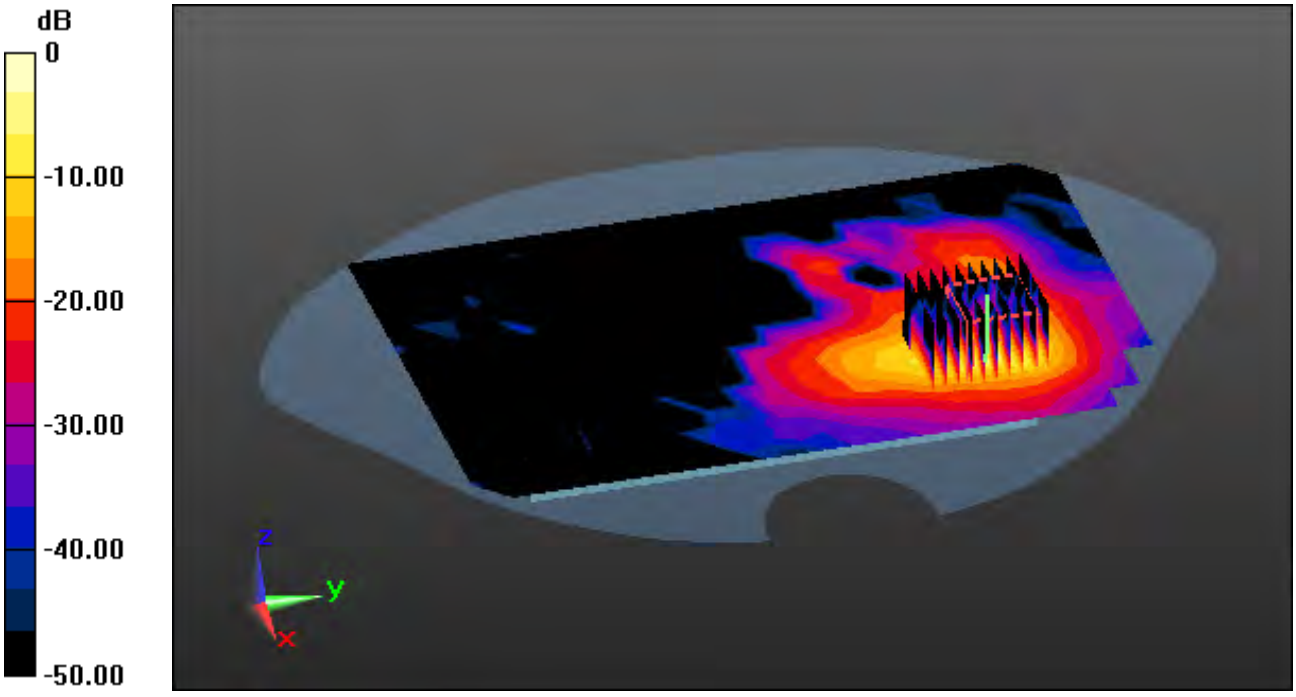
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.063 S/m; ε_r = 48.763; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

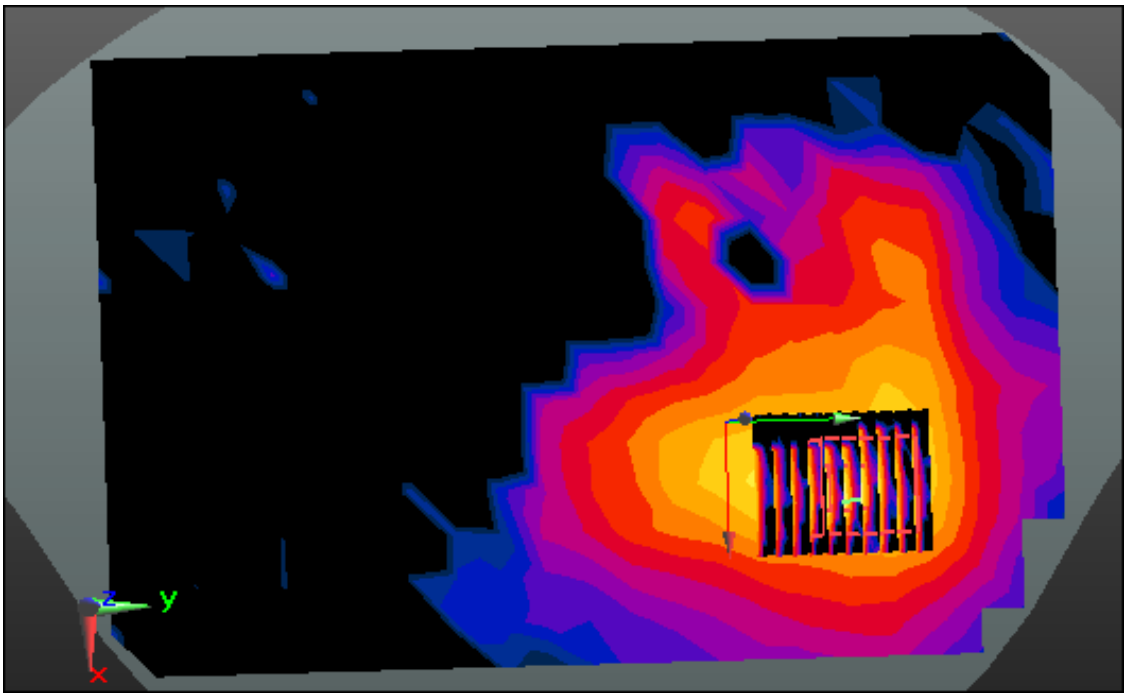
Test Date: 2019-08-30; Ambient Temp: 21.0; Tissue Temp: 20.6

Touch from Body, Rear, WLAN(802.11a) Ch. 165, Ant Internal, MIMO

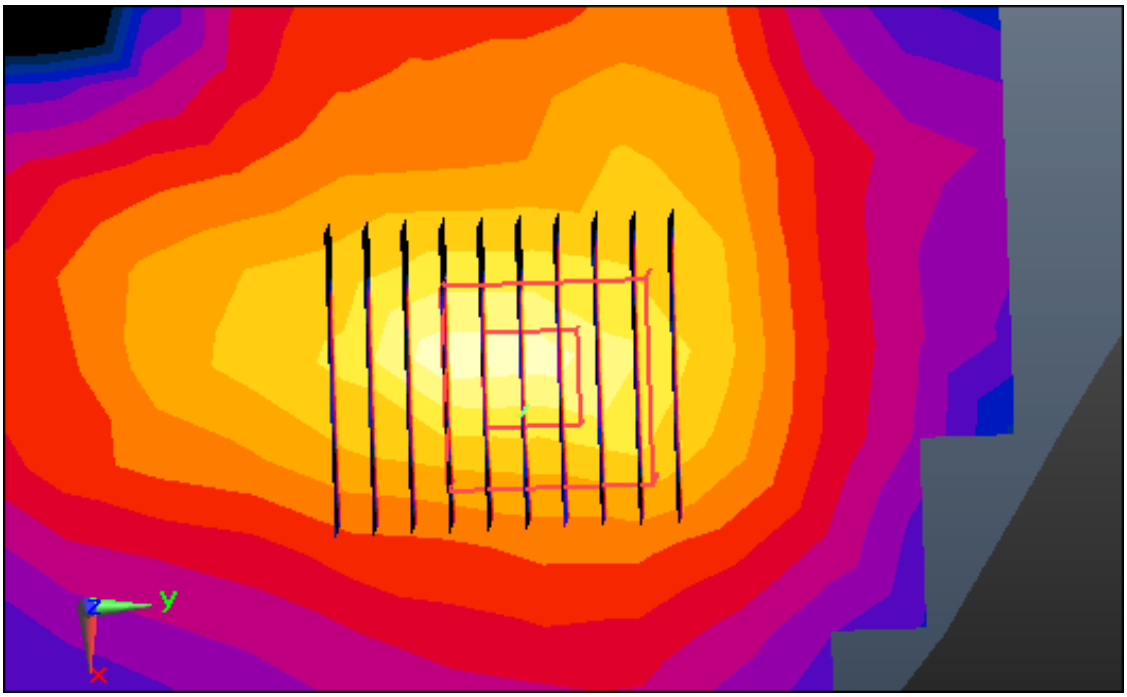
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 3.62 W/kg; SAR(10 g) = 0.771 W/kg



0 dB = 12.5 W/kg



Enlarged Plot for A78



Enlarged Plot for A78