SAR Plots

- Verification Plots
- SAR Test Plots

Copyright © 2020, DT&C Co., Ltd.

DT&C Co., Ltd.

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

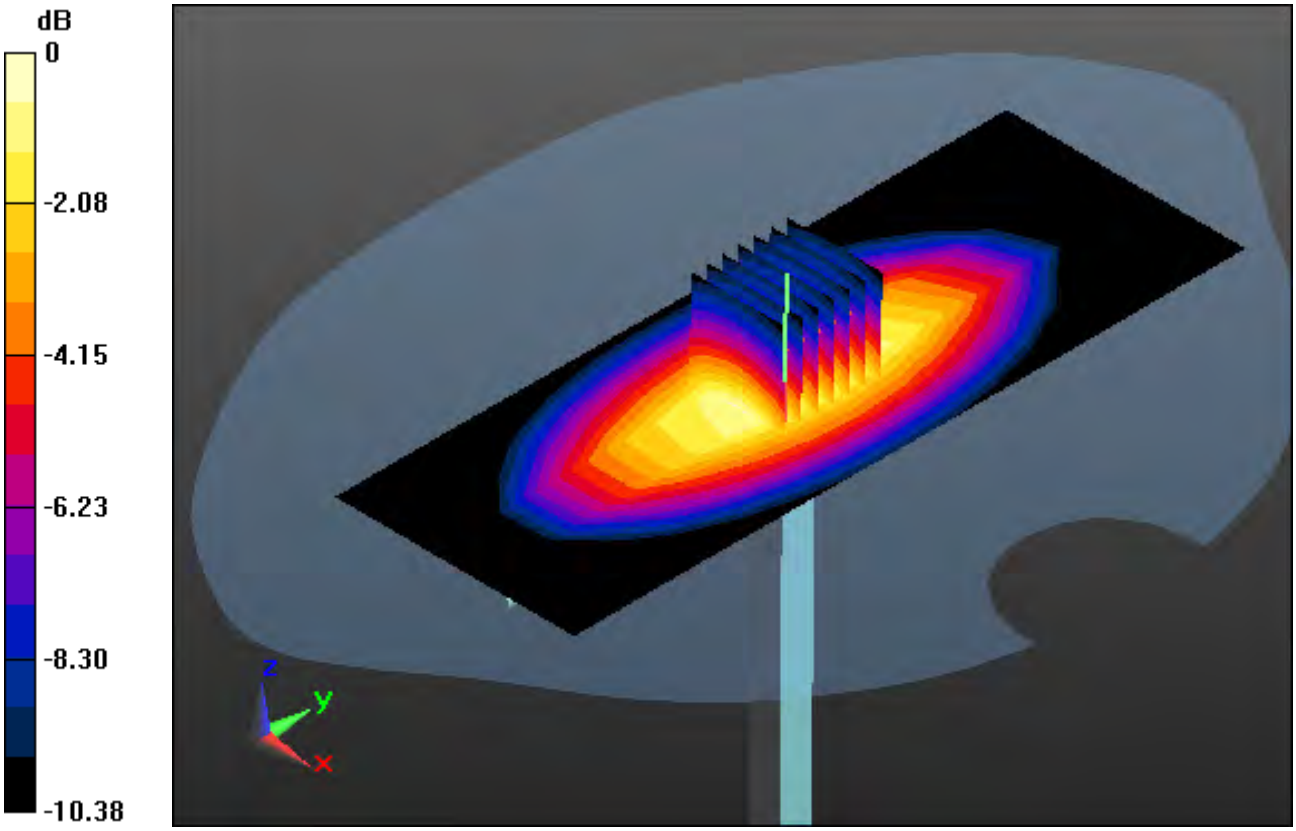
Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.904 S/m; ε_r = 42.263; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.68, 10.68, 10.68); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-13; Ambient Temp: 22.1; Tissue Temp: 22.3

750 MHz System Head Verification (250 mW)

Area Scan (6x15x1): 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) = 3.06 W/kg
SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.35 W/kg



0 dB = 2.61 W/kg

DT&C Co., Ltd.

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

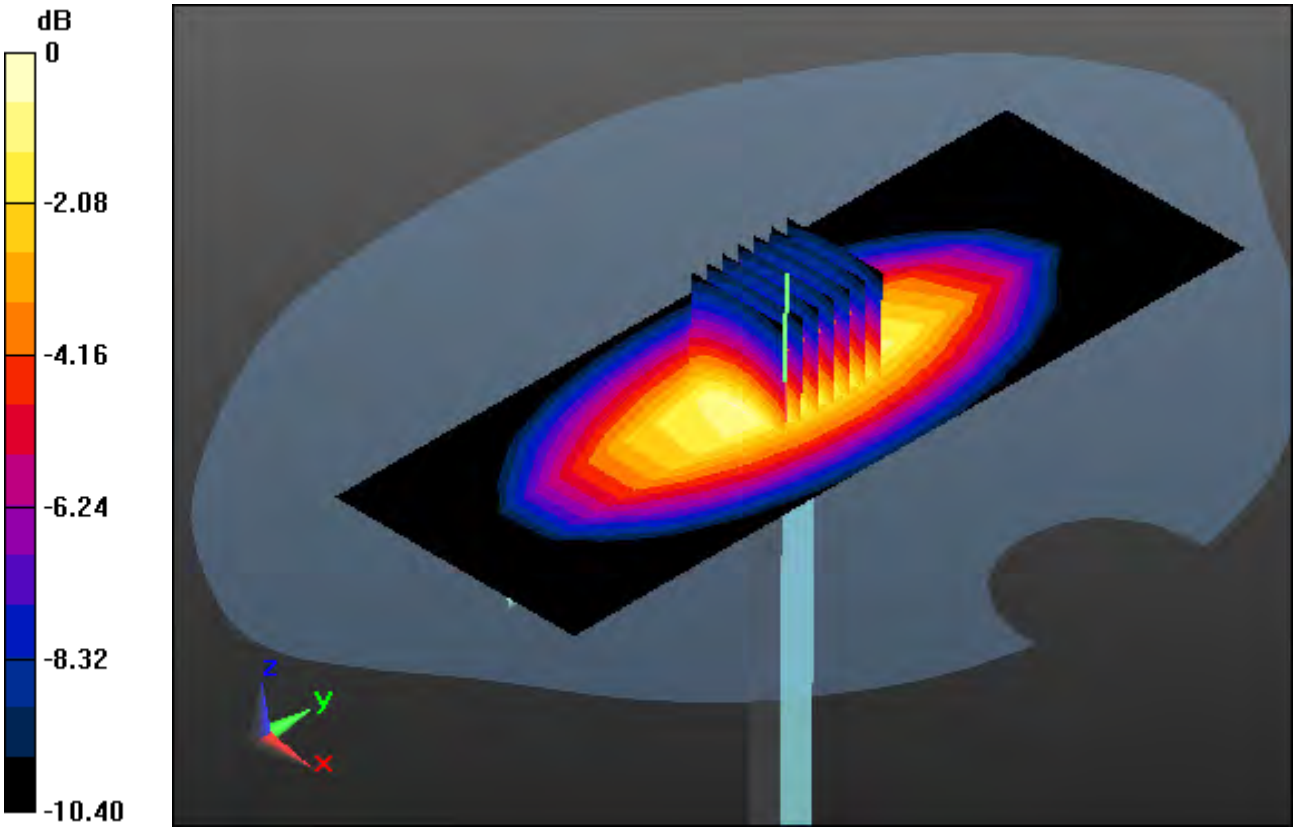
Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.962 S/m; ε_r = 55.455; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.44, 10.44, 10.44); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-13; Ambient Temp: 22.1; Tissue Temp: 22.0

750 MHz System Body Verification (250 mW)

Area Scan (6x15x1): 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) = 3.62 W/kg
SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.48 W/kg



0 dB = 2.89 W/kg

DT&C Co., Ltd.

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

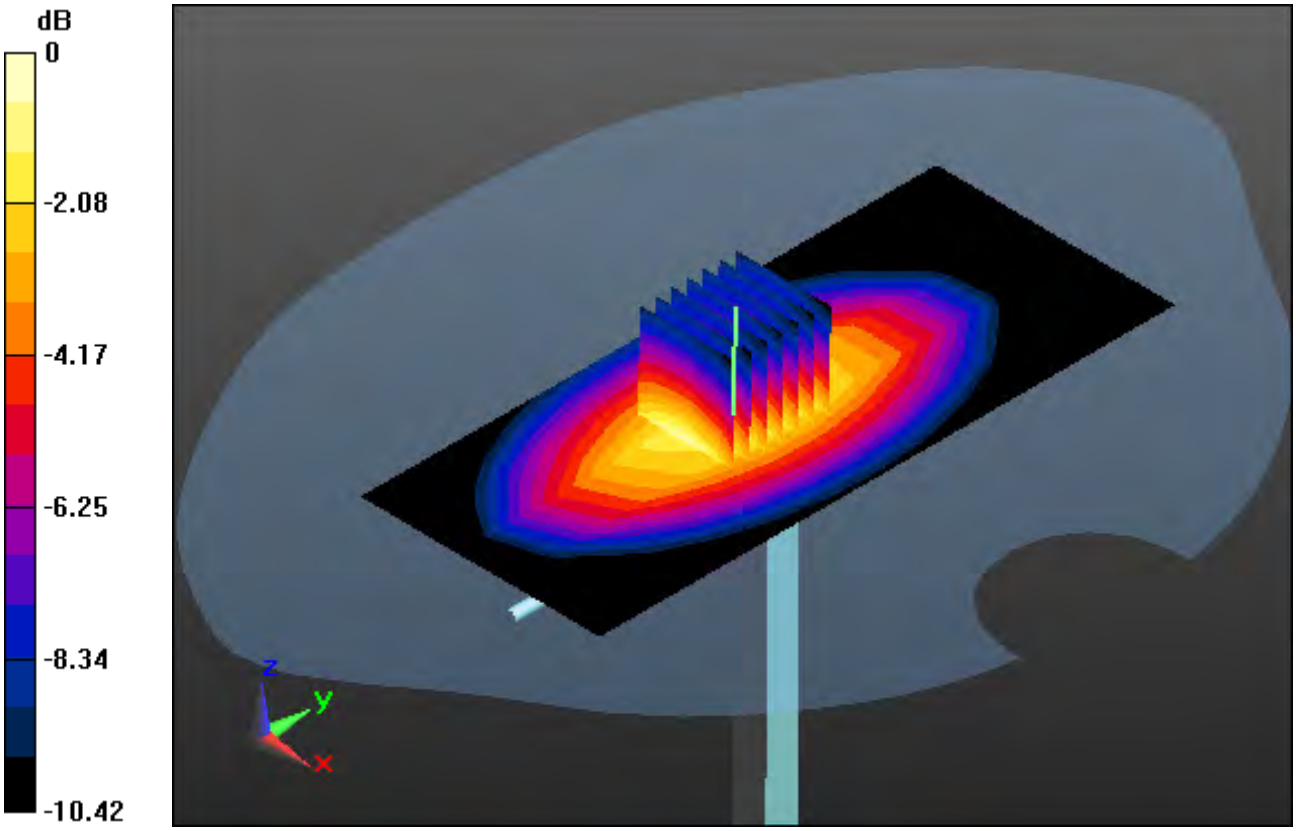
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.891 S/m; ε_r = 41.013; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-10; Ambient Temp: 22.1; Tissue Temp: 22.4

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 = 0.06 dB
Peak SAR (extrapolated) = 3.92 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.62 W/kg



0 dB = 3.24 W/kg

DT&C Co., Ltd.

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

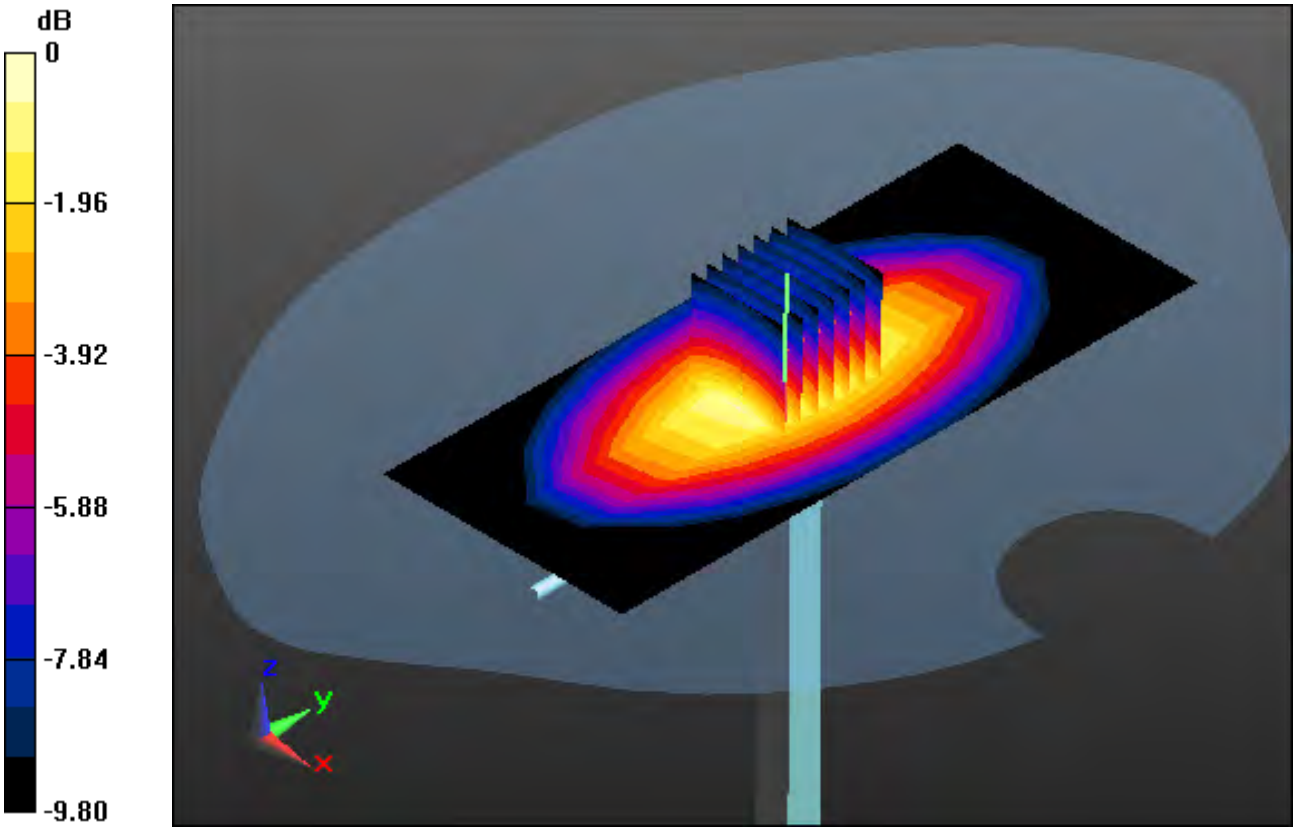
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 1.004 S/m; ε_r = 57.222; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-11; Ambient Temp: 22.2; Tissue Temp: 22.6

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 = 0.03 dB
Peak SAR (extrapolated) = 4.01 W/kg
SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.65 W/kg



0 dB = 3.97 W/kg

DT&C Co., Ltd.

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

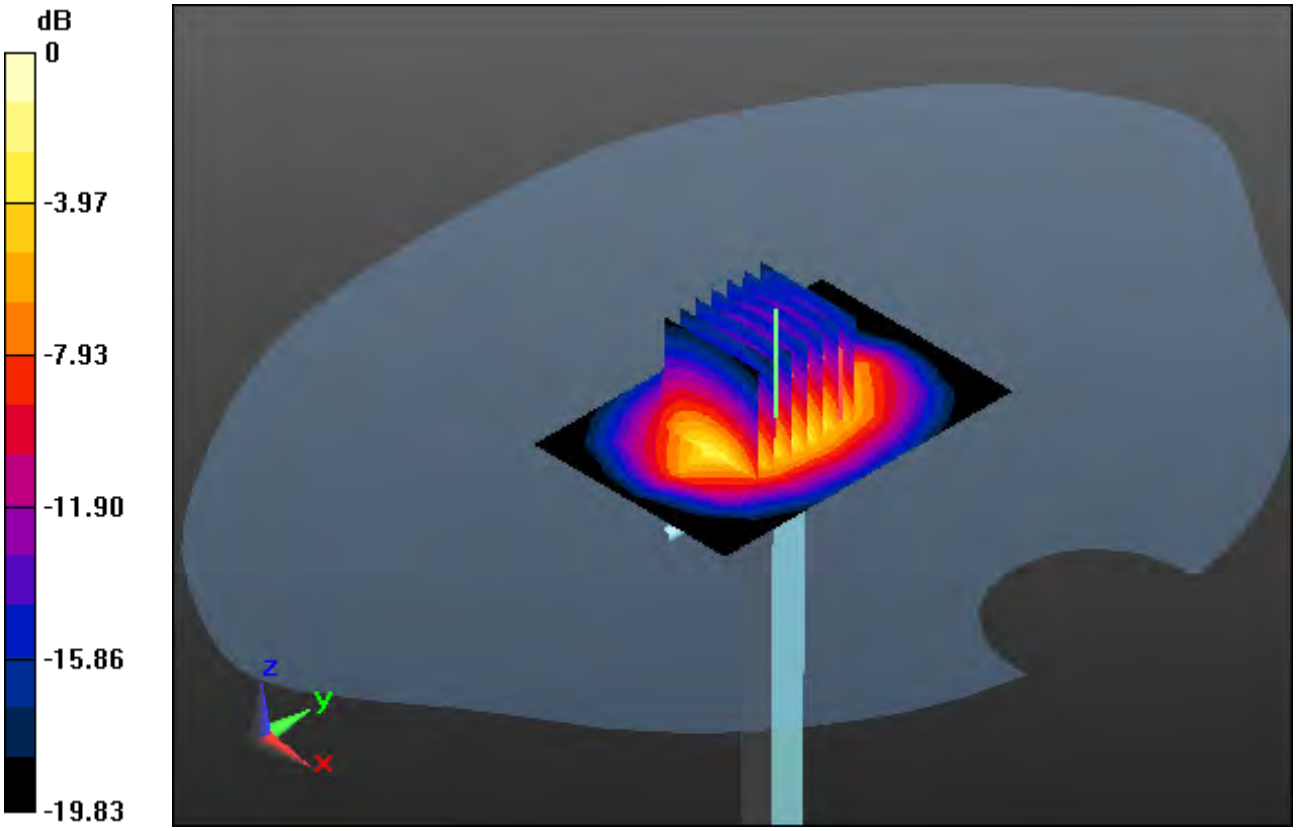
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.403 S/m; ε_r = 40.292; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.57, 8.57, 8.57); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-12; Ambient Temp: 21.5; Tissue Temp: 21.7

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 = -0.06 dB
Peak SAR (extrapolated) = 7.71 W/kg
SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.15 W/kg



0 dB = 7.12 W/kg

DT&C Co., Ltd.

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

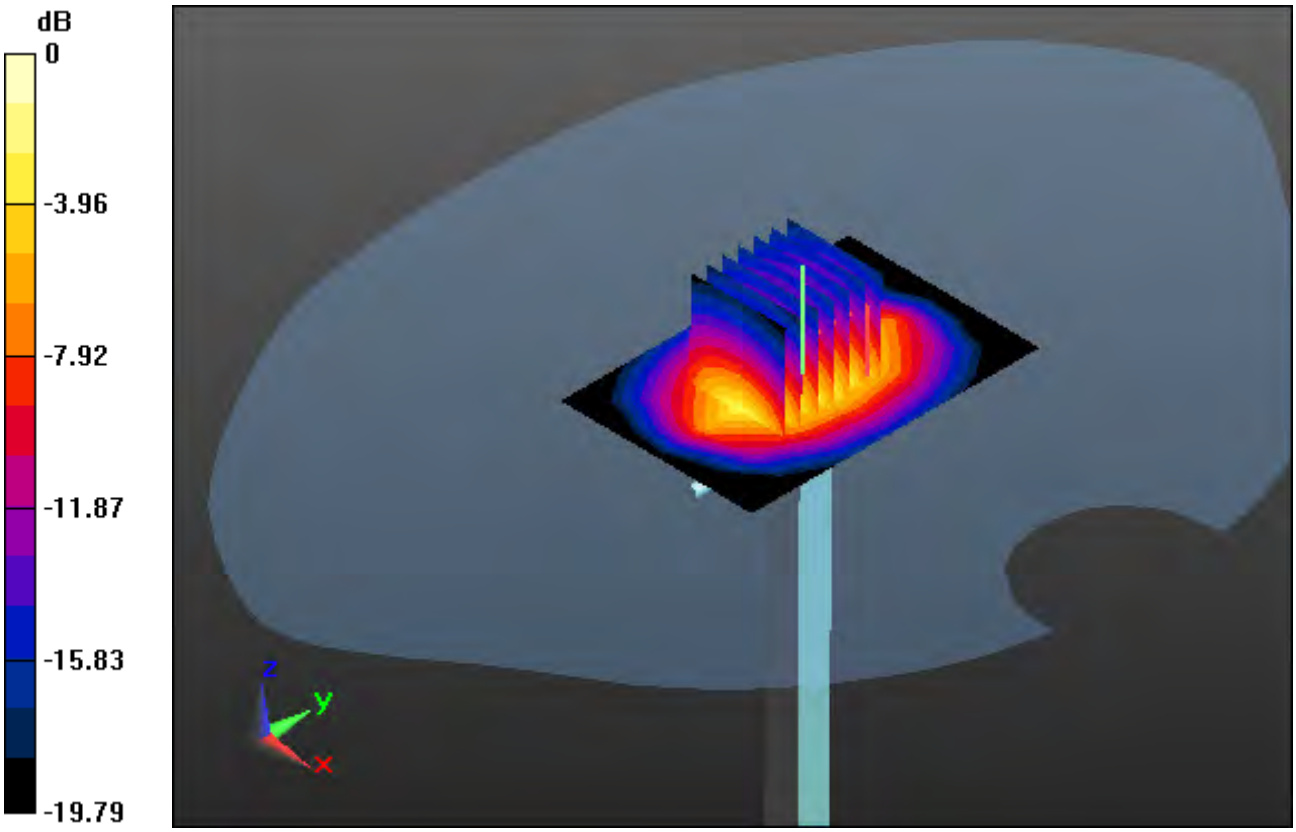
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.526 S/m; ε_r = 52.658; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.15, 8.15, 8.15); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-12; Ambient Temp: 21.5; Tissue Temp: 21.3

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 = 0.05 dB
Peak SAR (extrapolated) = 7.12 W/kg
SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2.02 W/kg



0 dB = 4.27 W/kg

DT&C Co., Ltd.

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

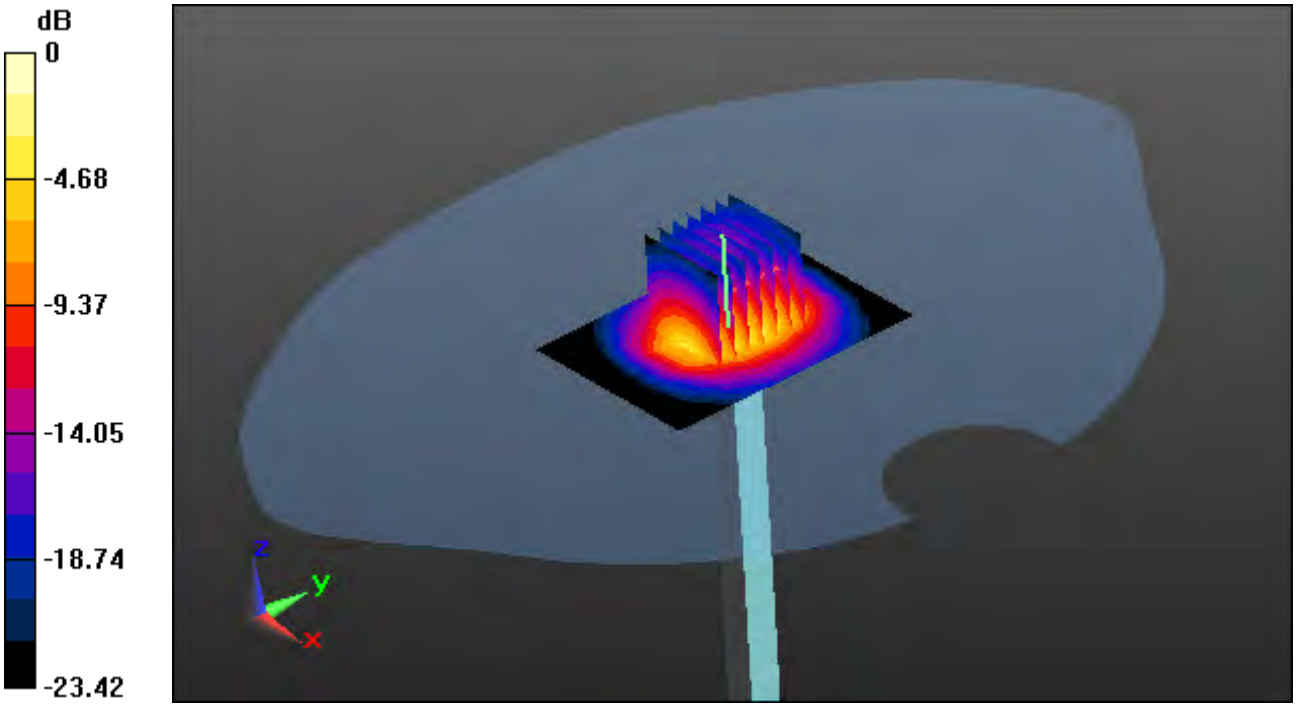
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.845 S/m; ε_r = 40.418; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.66, 7.66, 7.66); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-12; Ambient Temp: 21.2; Tissue Temp: 21.1

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) = 10.41 W/kg
SAR(1 g) = 5.14 W/kg; SAR(10 g) = 2.47 W/kg



0 dB = 8.12 W/kg

DT&C Co., Ltd.

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

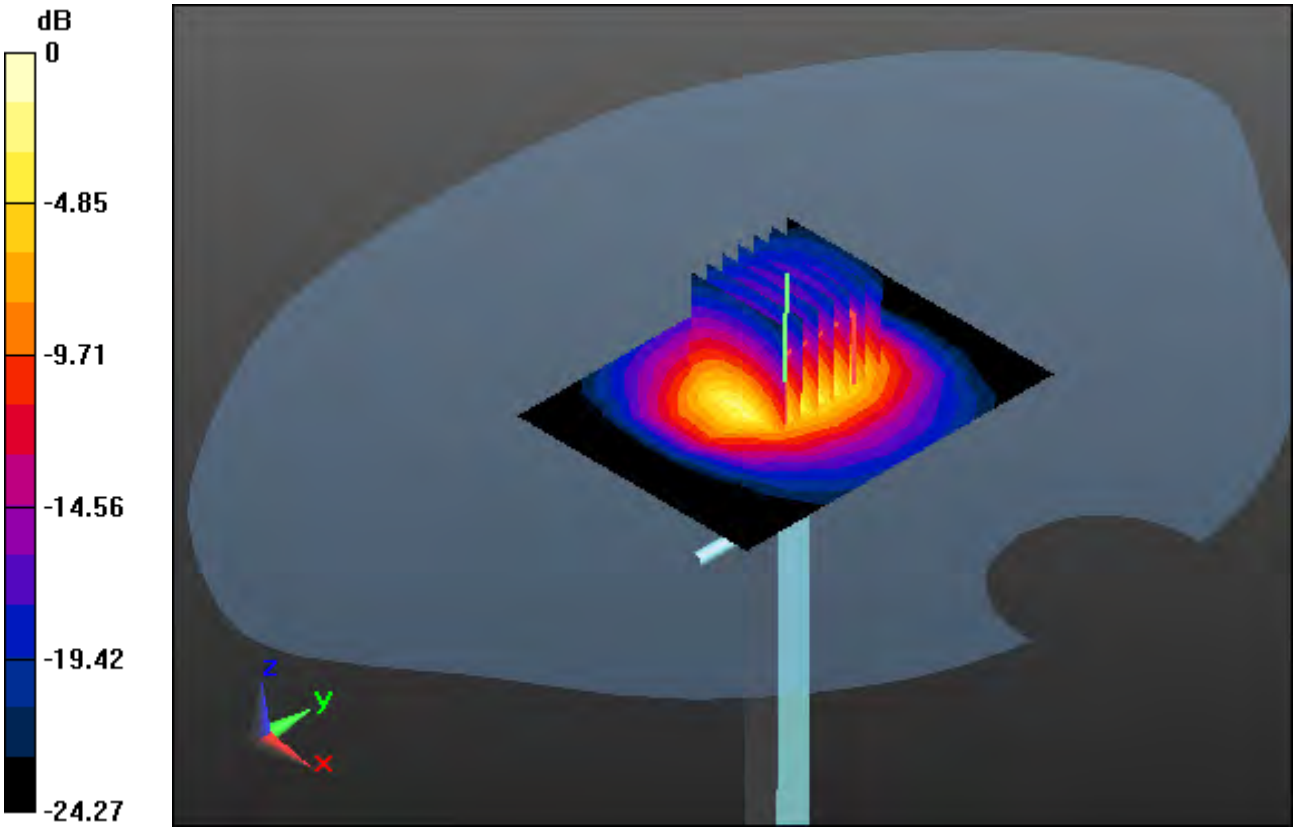
Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.007 S/m; ε_r = 52.574; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-14; Ambient Temp: 22.2; Tissue Temp: 22.0

2450 MHz System Body Verification (100 mW)

Area Scan (7x9x1): 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) = 14.6 W/kg
SAR(1 g) = 5.03 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 8.32 W/kg

DT&C Co., Ltd.

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

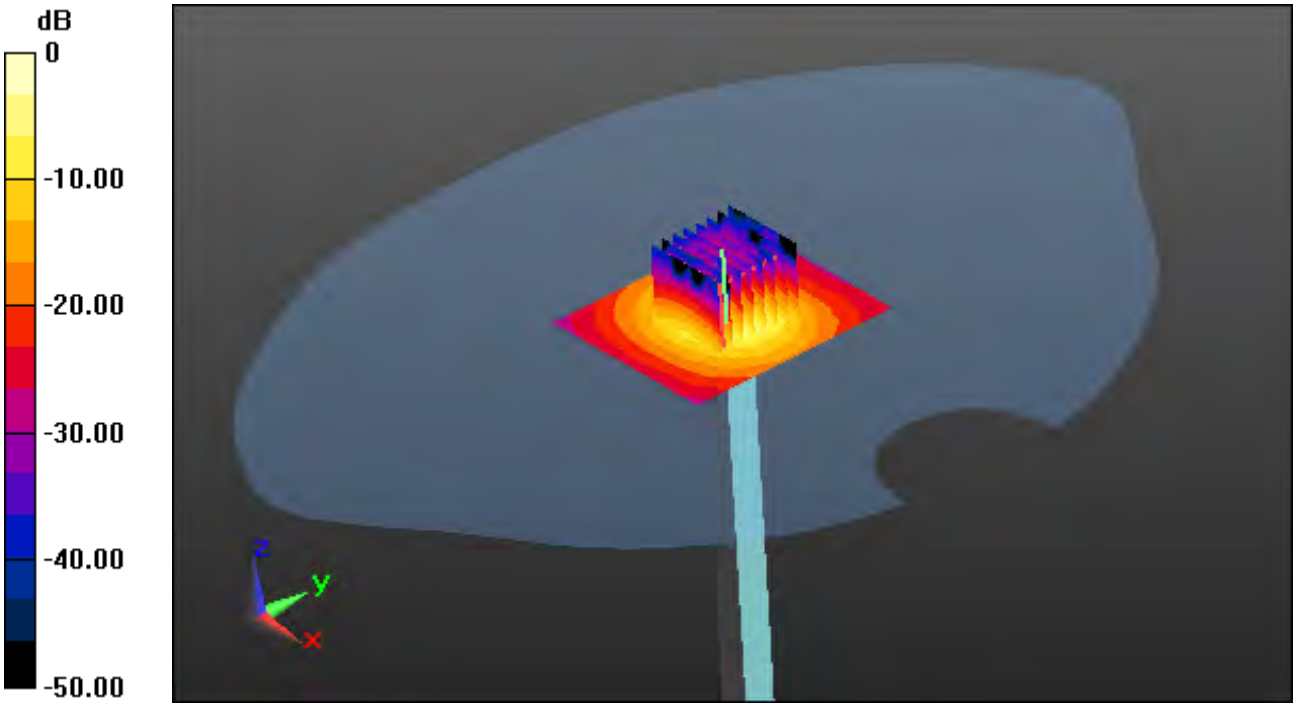
Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.138 S/m; ε_r = 47.343; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.65, 4.65, 4.65); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-13; Ambient Temp: 20.9; Tissue Temp: 20.8

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 = -0.03 dB
Peak SAR (extrapolated) = 36.86 W/kg
SAR(1 g) = 7.47 W/kg; SAR(10 g) = 2.15 W/kg



0 dB = 16.05 W/kg

DT&C Co., Ltd.

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

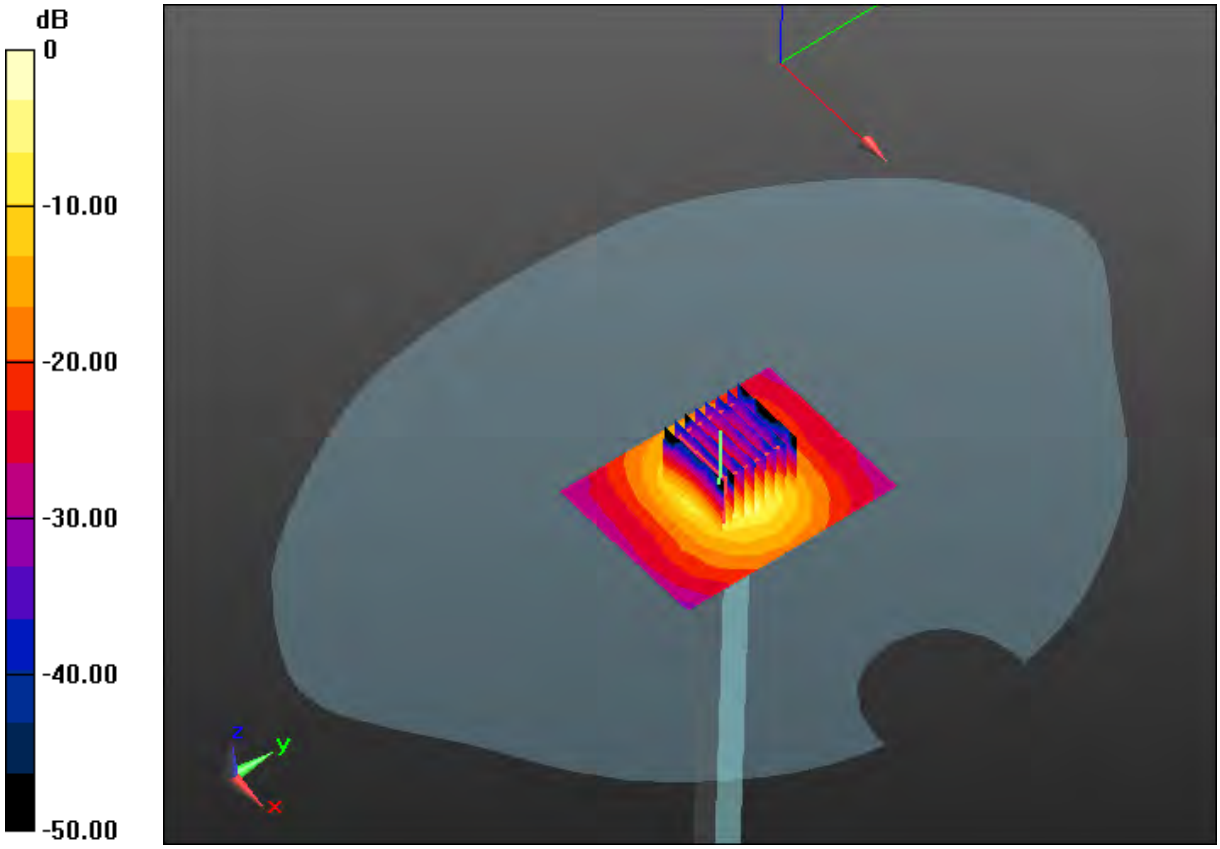
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.746 S/m; ε_r = 36.309; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.45, 5.45, 5.45); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-18; Ambient Temp: 22.1; Tissue Temp: 21.9

5300 MHz System Head Verification (100 mW)

Area Scan (7x9x1): 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) = 36.0 W/kg
SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.3 W/kg



0 dB = 20.5 W/kg

DT&C Co., Ltd.

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

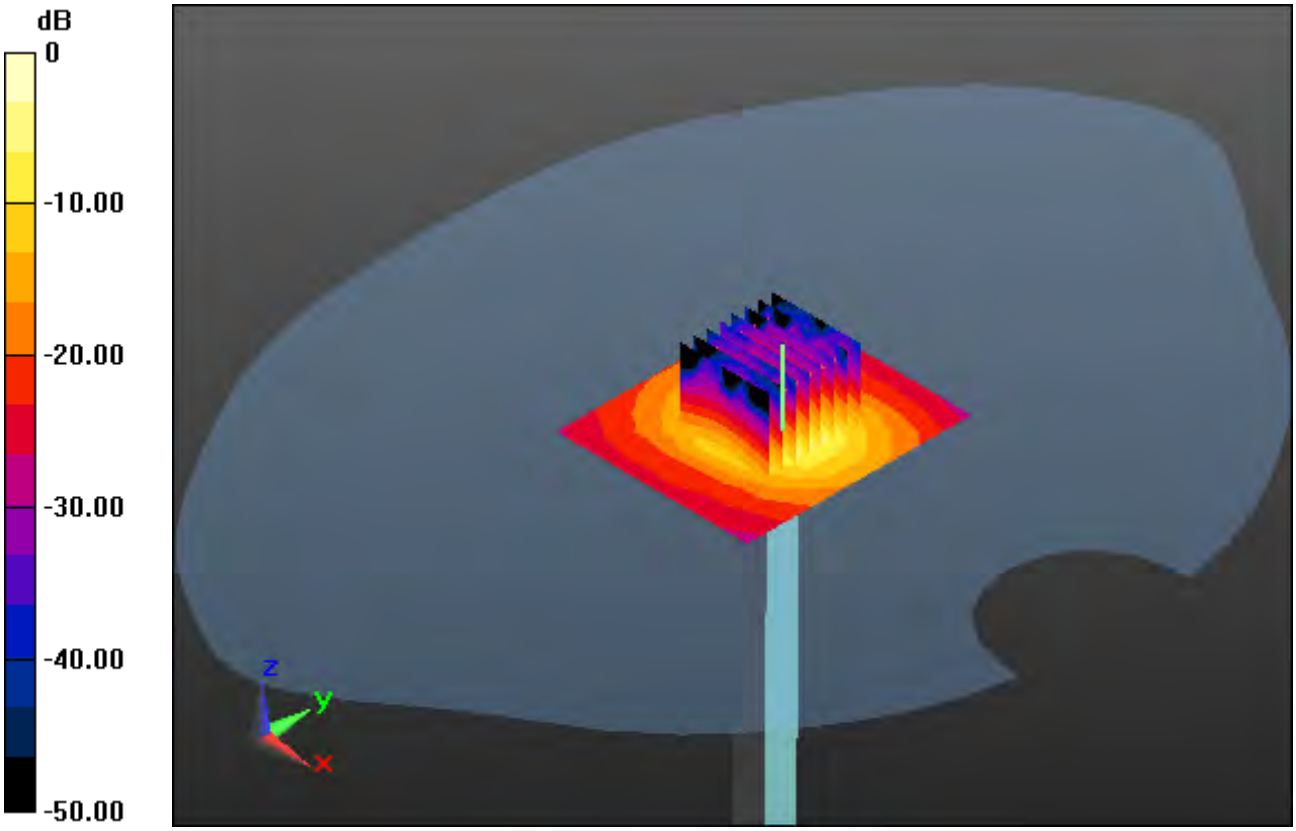
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.289 S/m; ε_r = 47.618; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-24; Ambient Temp: 21.9; Tissue Temp: 22.1

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 = -0.02 dB
Peak SAR (extrapolated) = 37.2 W/kg
SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.12 W/kg



0 dB = 19.2 W/kg

DT&C Co., Ltd.

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

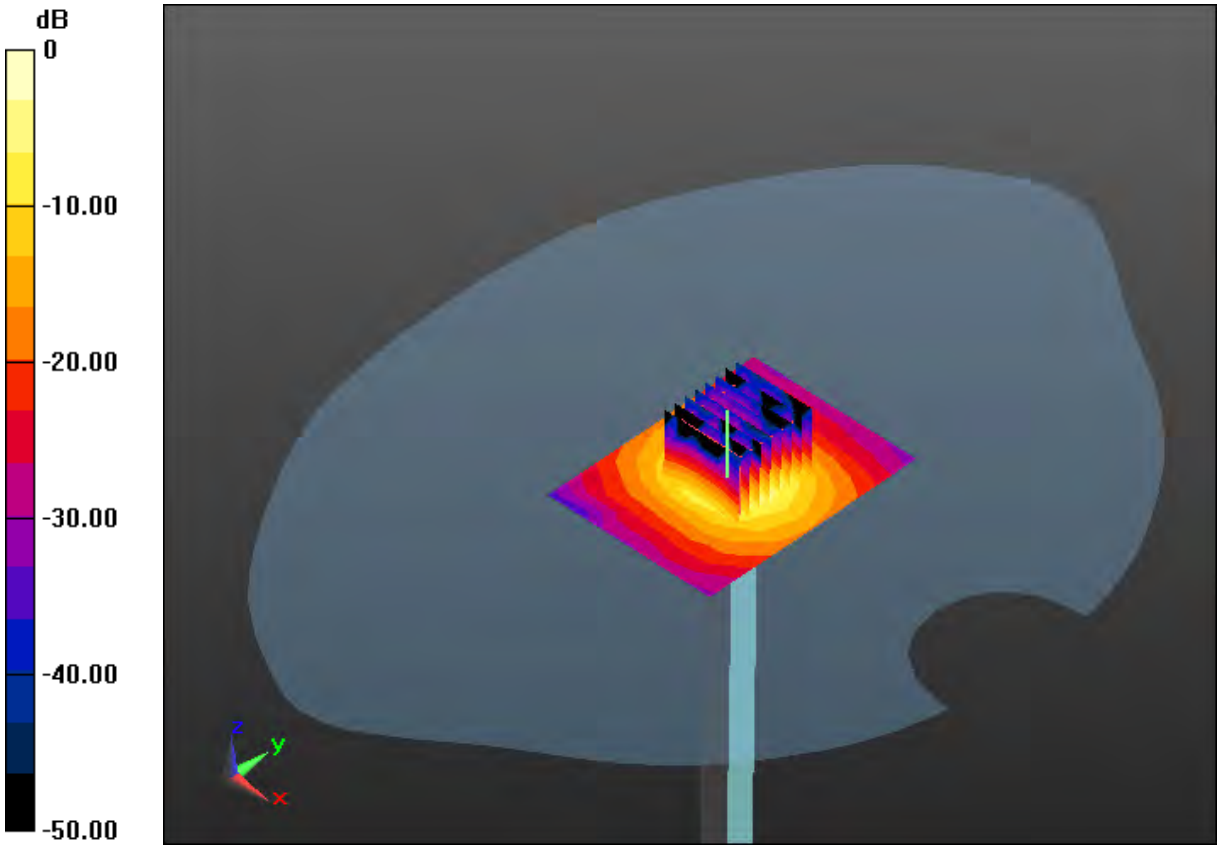
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.011 S/m; ε_r = 36.637; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.04, 5.04, 5.04); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-20; Ambient Temp: 21.8; Tissue Temp: 21.5

5500 MHz System Head Verification (100 mW)

Area Scan (7x9x1): 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) = 37.4 W/kg
SAR(1 g) = 8.54 W/kg; SAR(10 g) = 2.53 W/kg



0 dB = 20.4 W/kg

DT&C Co., Ltd.

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

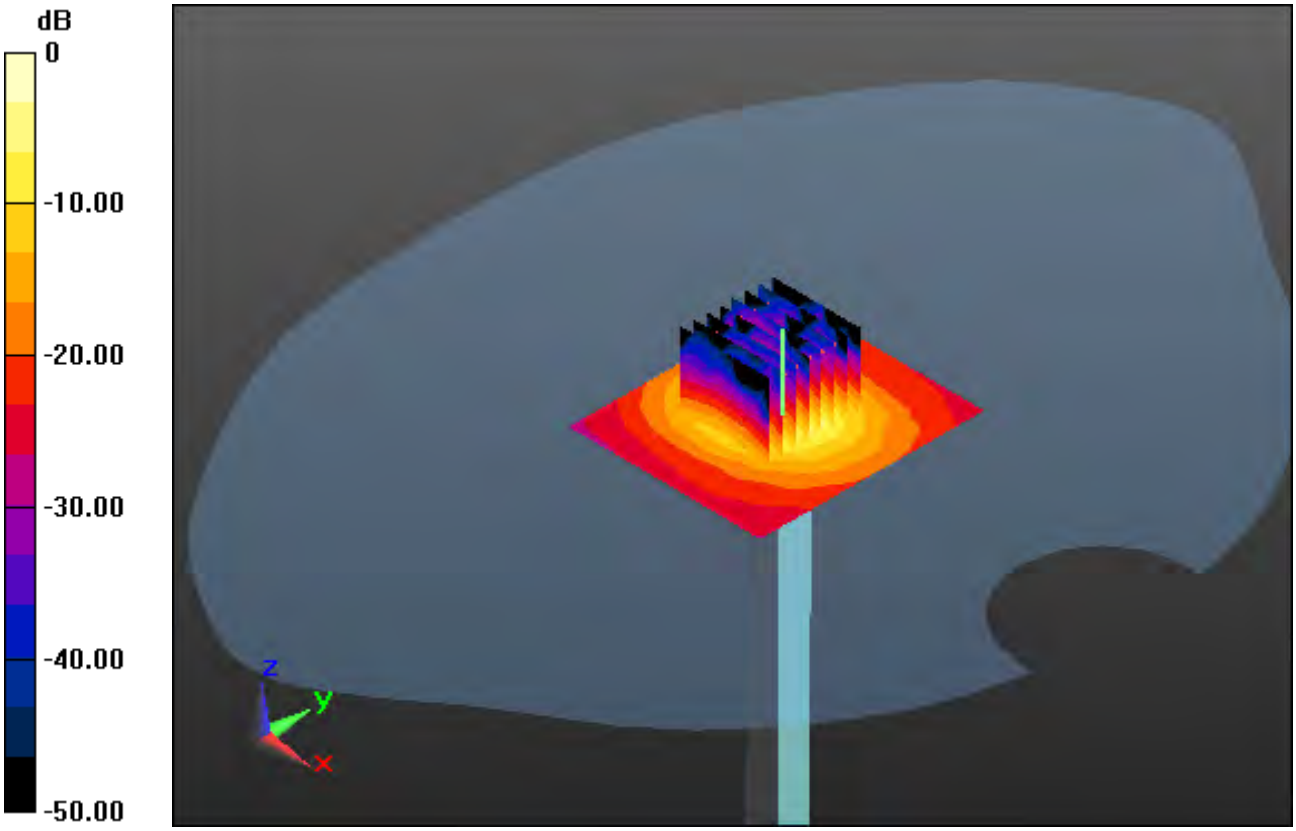
Communication System: UID 0, CW (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.503 S/m; ε_r = 46.977; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-25; Ambient Temp: 20.6; Tissue Temp: 20.9

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) = 35.1 W/kg
SAR(1 g) = 8.26 W/kg; SAR(10 g) = 2.28 W/kg



0 dB = 19.7 W/kg

DT&C Co., Ltd.

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

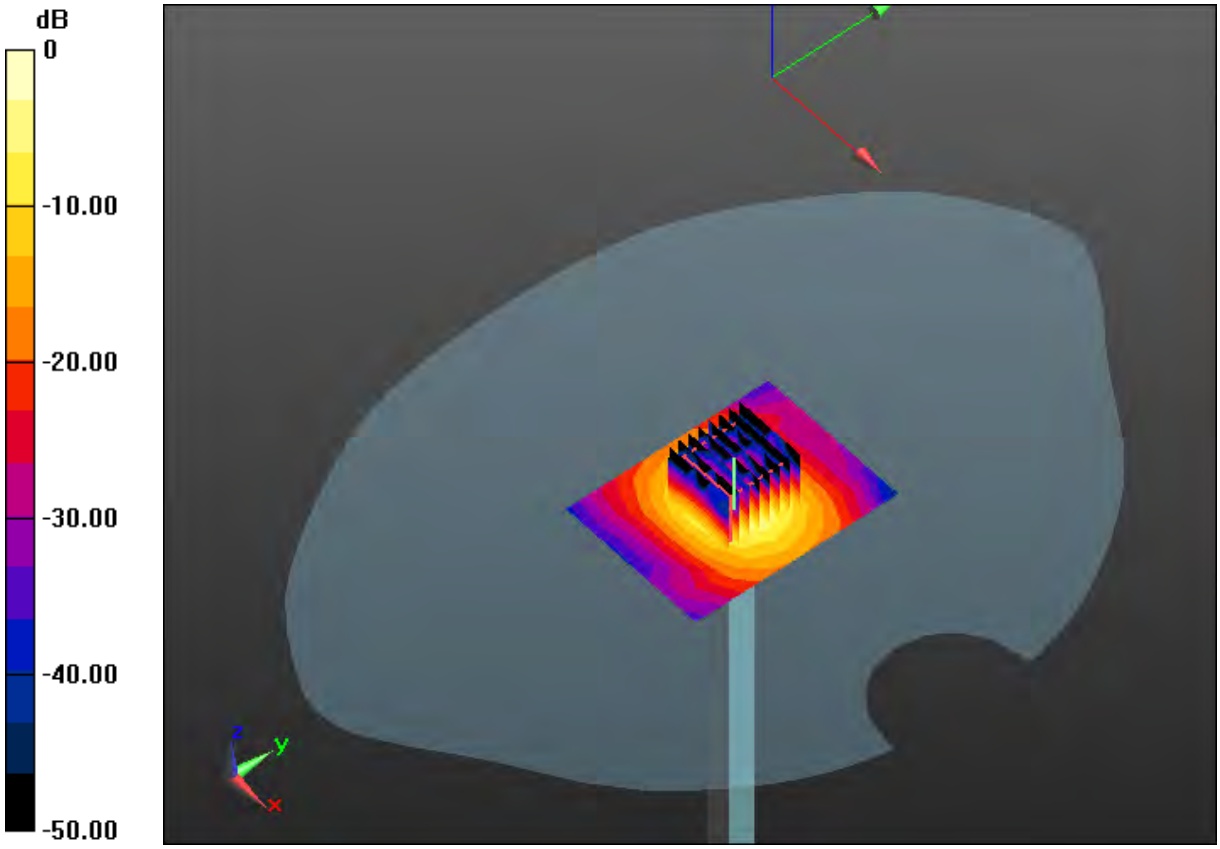
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.382 S/m; ε_r = 36.178; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.02, 5.02, 5.02); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-21; Ambient Temp: 20.3; Tissue Temp: 20.5

5800 MHz System Head Verification (100 mW)

Area Scan (7x9x1): 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) = 38.5 W/kg
SAR(1 g) = 8.44 W/kg; SAR(10 g) = 2.5 W/kg



0 dB = 20.2 W/kg

DT&C Co., Ltd.

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

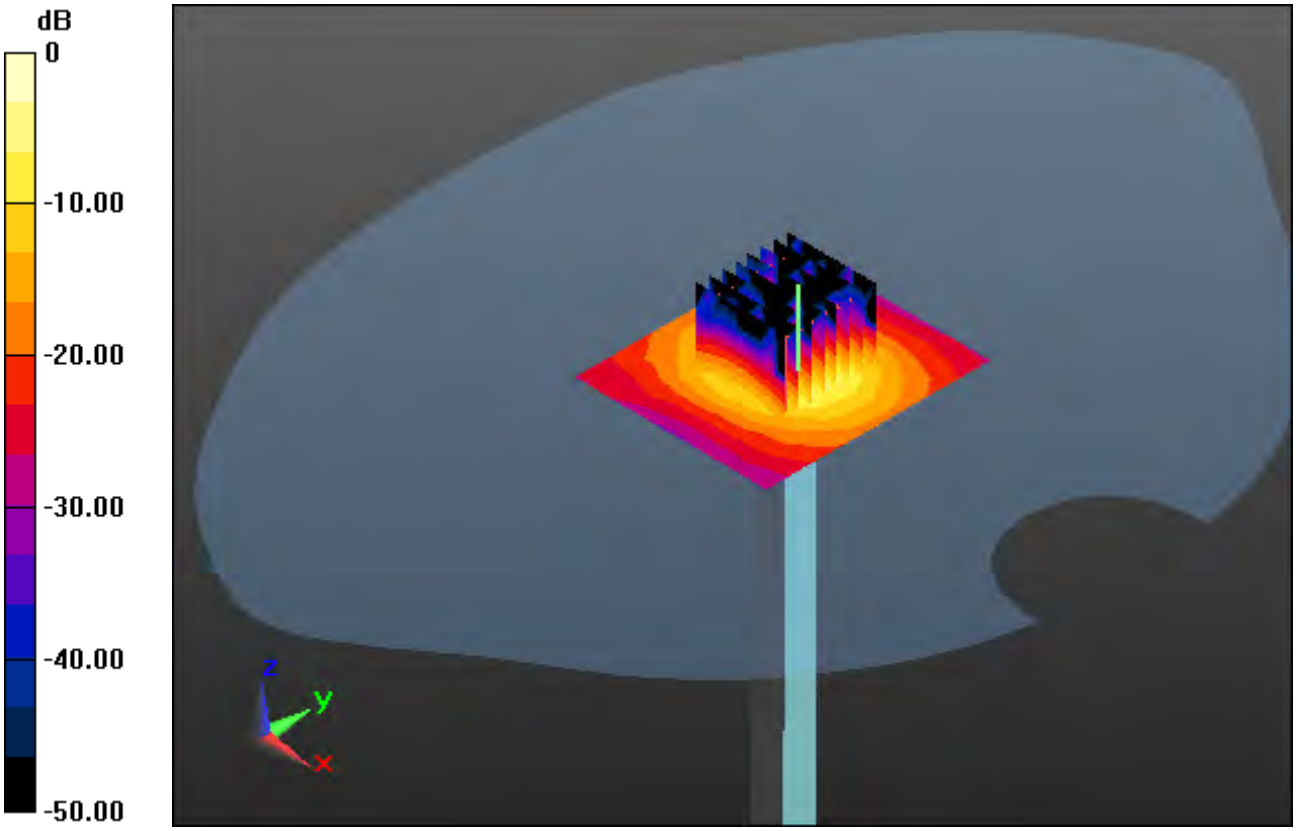
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.047 S/m; ε_r = 47.722; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-26; Ambient Temp: 20.1; Tissue Temp: 20.7

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 = 0.04 dB
Peak SAR (extrapolated) = 34.3 W/kg
SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.17 W/kg



0 dB = 18.8 W/kg

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

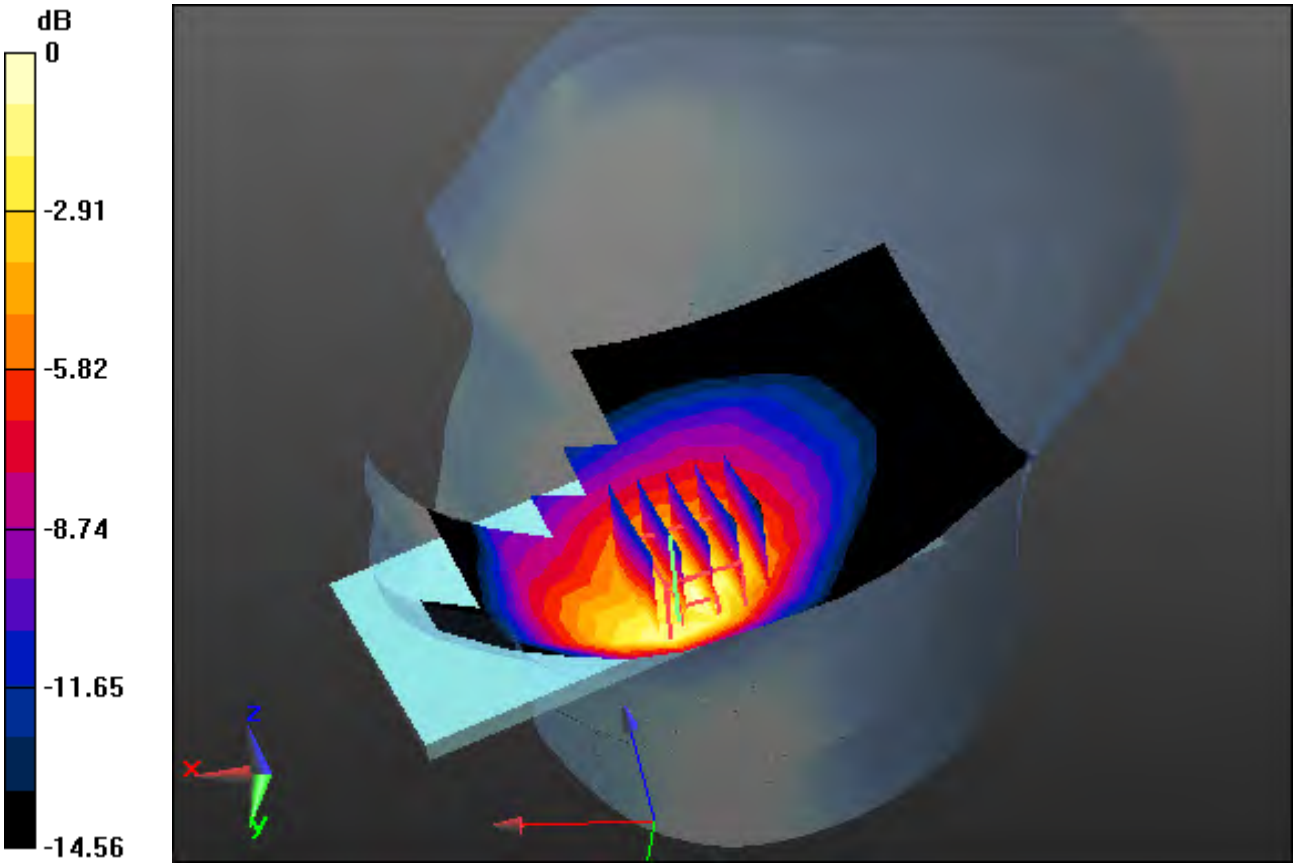
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.892 S/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

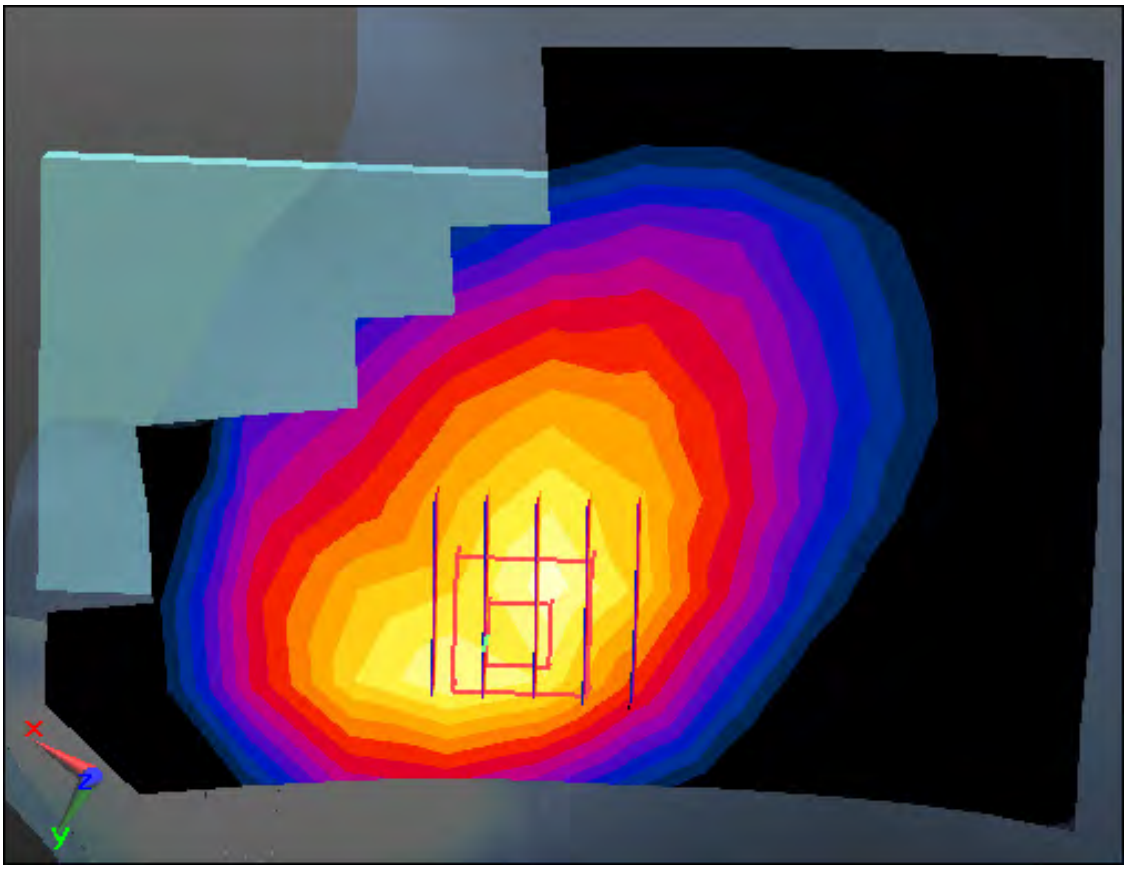
Test Date: 2020-02-10; Ambient Temp: 22.1; Tissue Temp: 22.4

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

Area Scan (9x14x1): 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) = 1.16 W/kg
SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.376 W/kg



0 dB = 0.886 W/kg



Enlarged Plot for A1

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

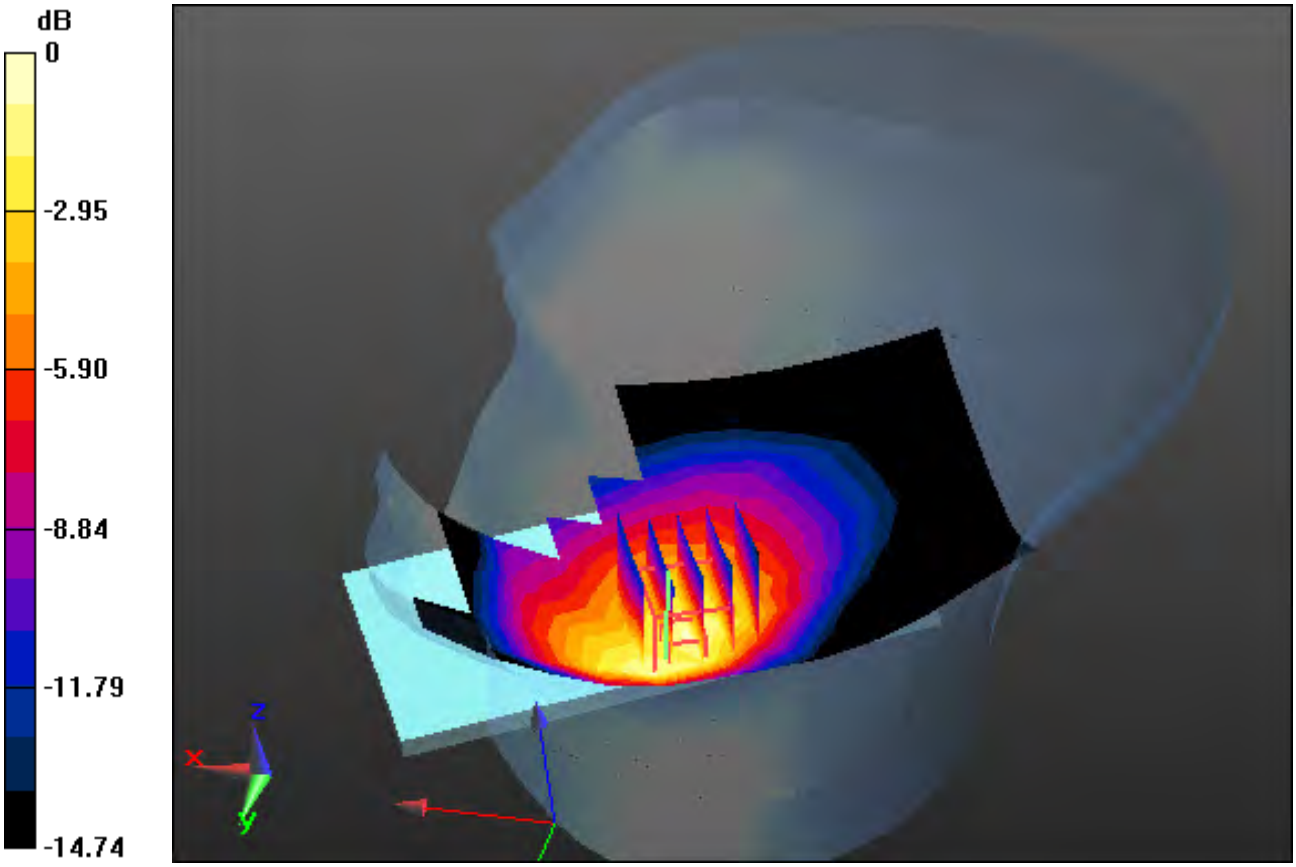
Communication System: UID 0, GSM 850_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.892 S/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

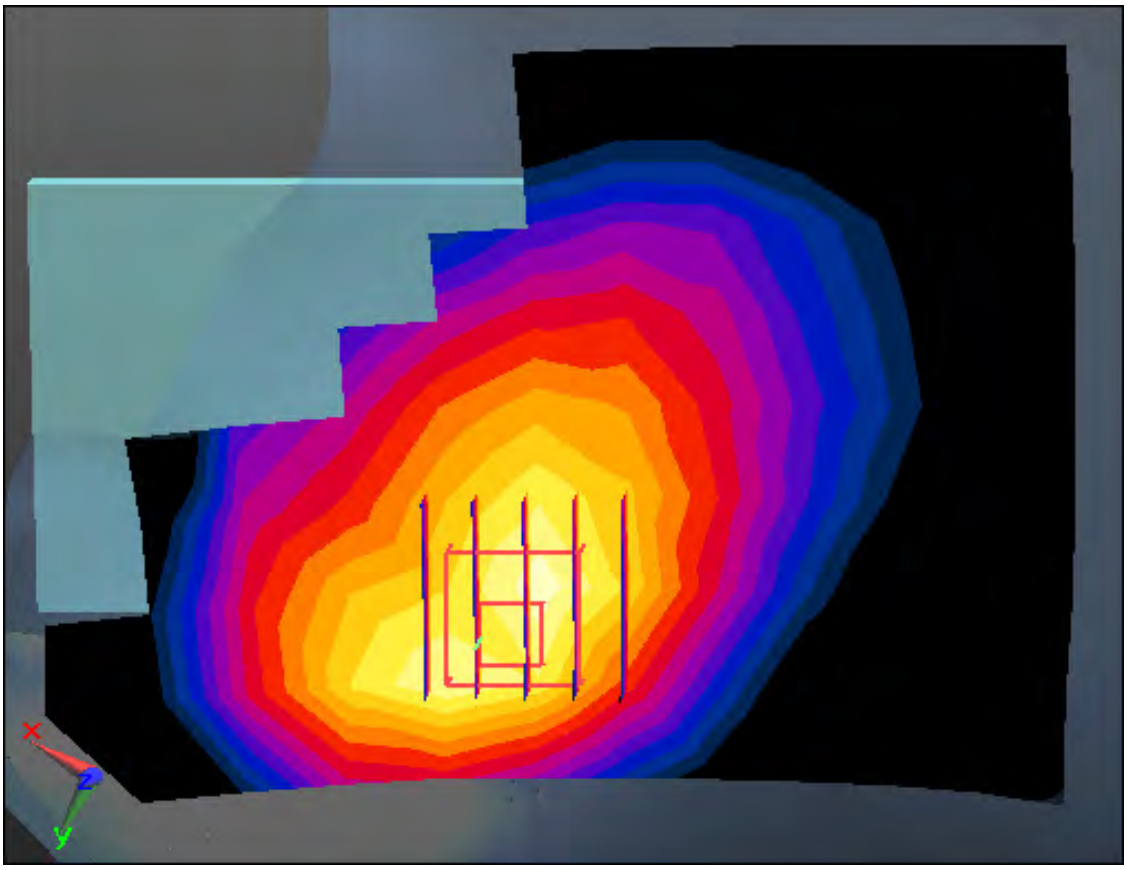
Test Date: 2020-02-10; Ambient Temp: 22.1; Tissue Temp: 22.4

Right Touch, GSM850 GPRS 3 Tx Ch. 190, Ant Internal, Standard Battery, #2

Area Scan (9x14x1): 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) = 1.17 W/kg
SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.379 W/kg



0 dB = 0.899 W/kg



Enlarged Plot for A2

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

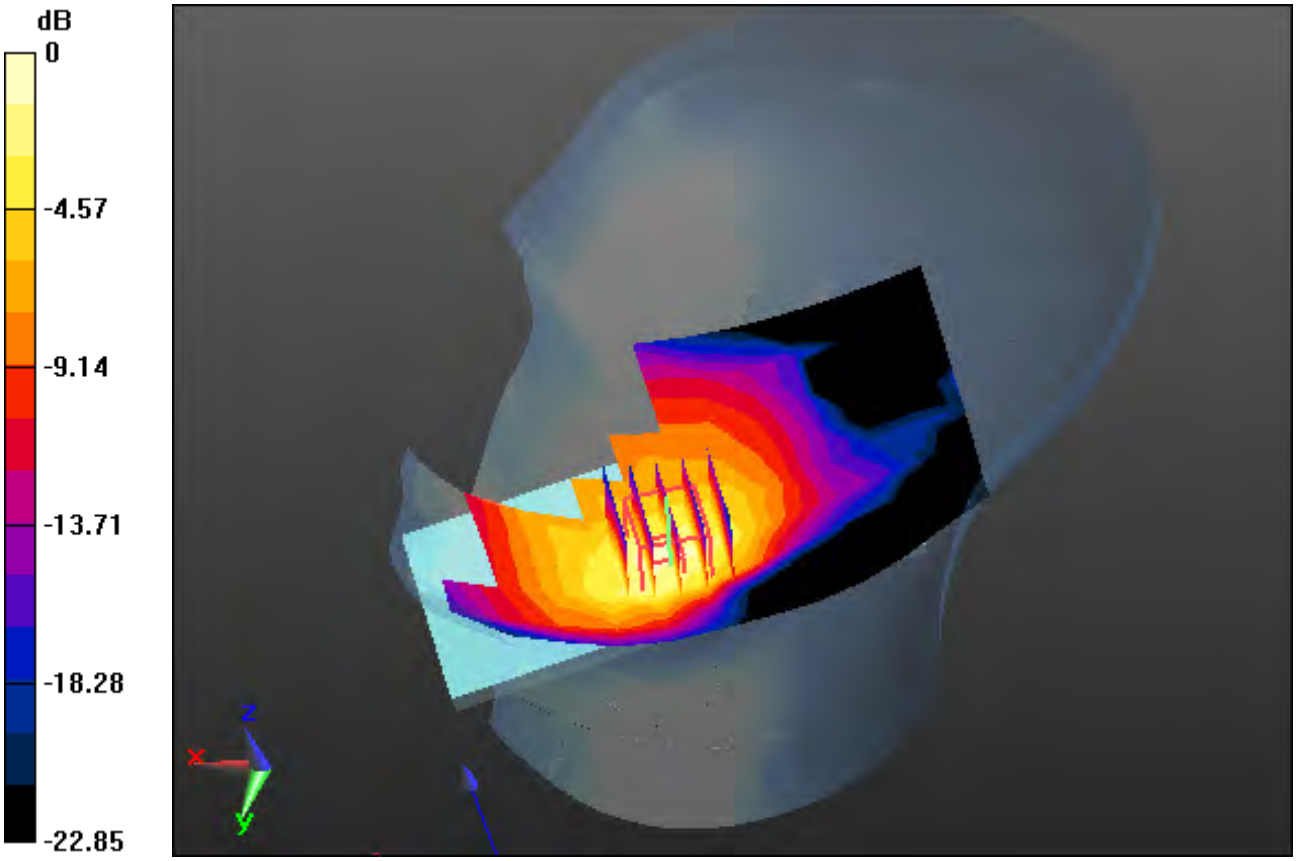
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 40.361; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.57, 8.57, 8.57); Calibrated: 9/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

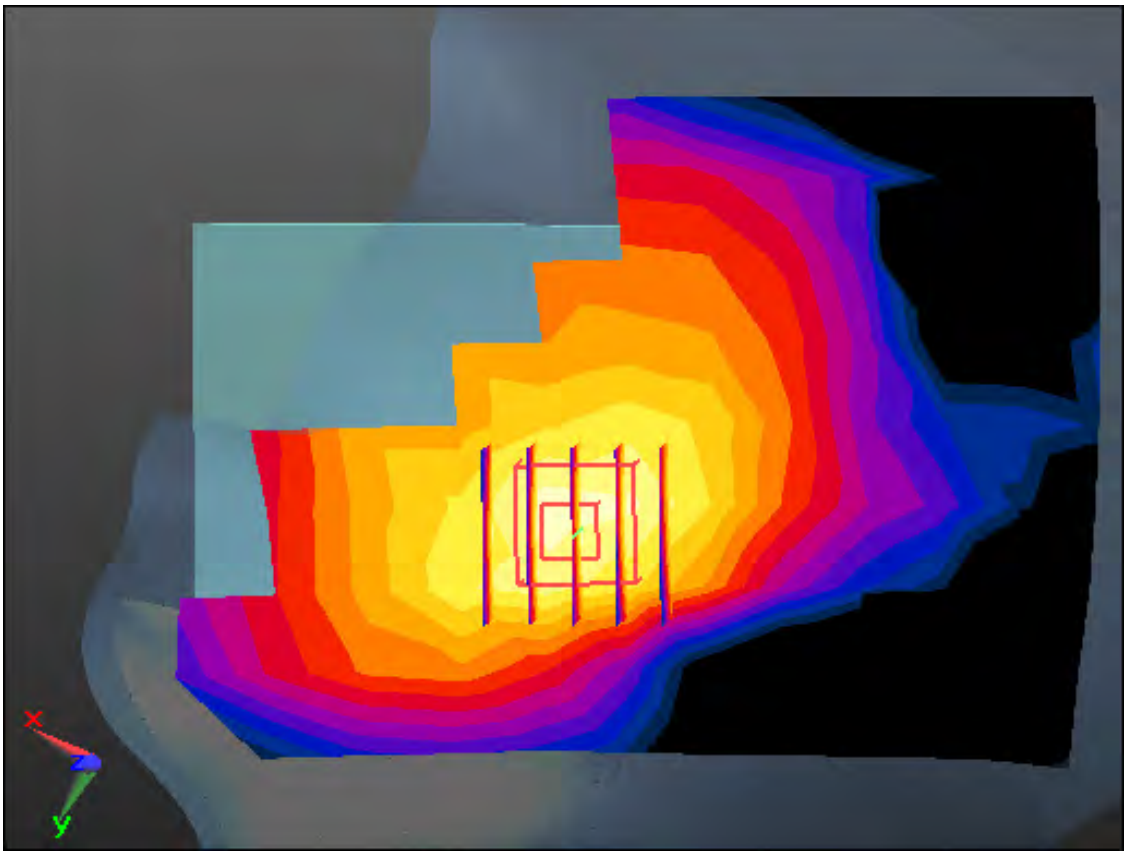
Test Date: 2020-02-12; Ambient Temp: 21.5; Tissue Temp: 21.7

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery, #2

Area Scan (9x14x1): 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) = 0.346 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.104 W/kg



0 dB = 0.266 W/kg



Enlarged Plot for A3

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

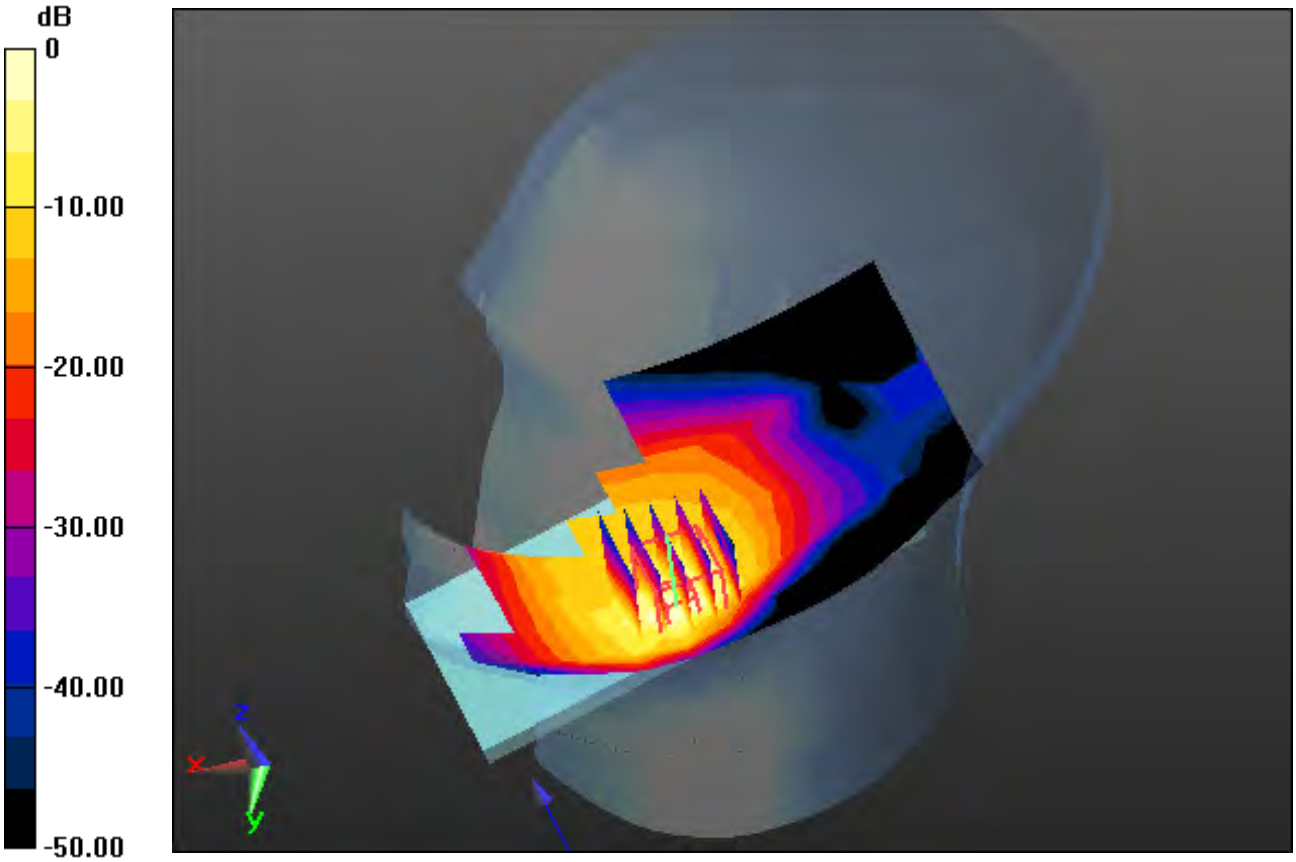
Communication System: UID 0, PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.384 S/m; ε_r = 40.361; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.57, 8.57, 8.57); Calibrated: 9/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

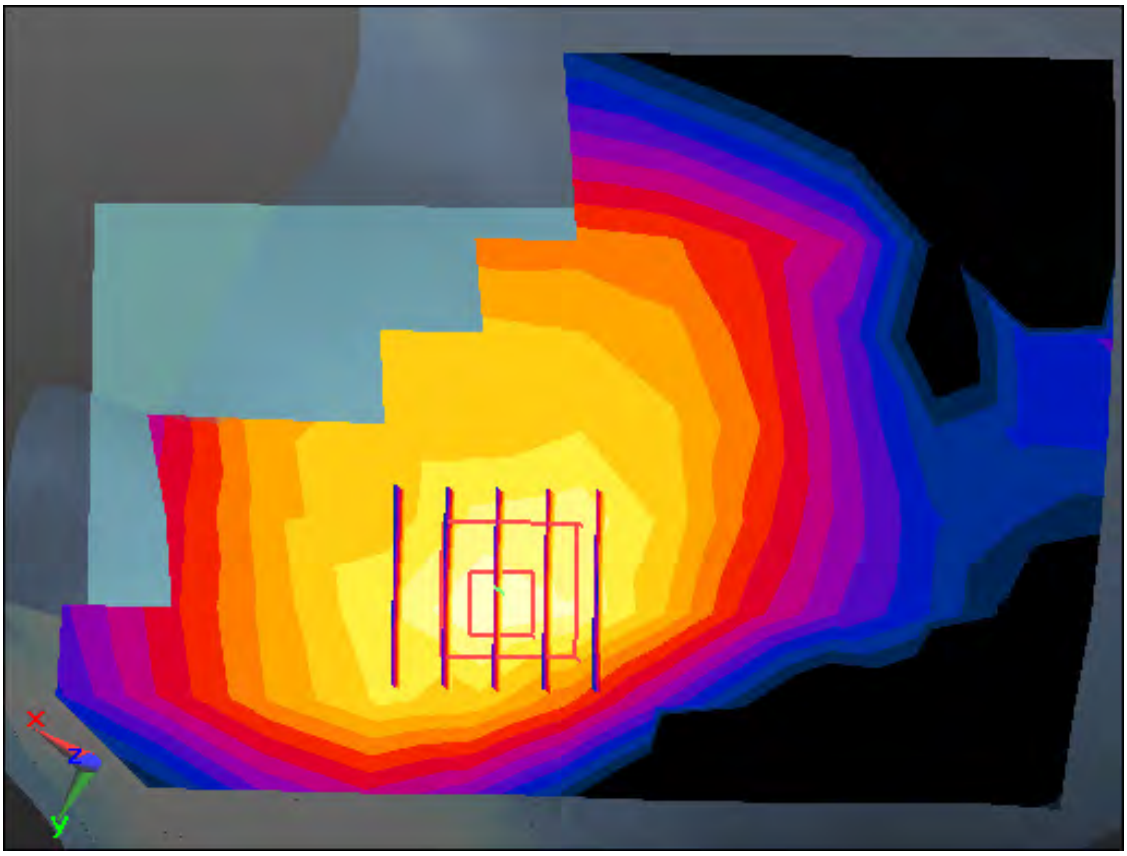
Test Date: 2020-02-12; Ambient Temp: 21.5; Tissue Temp: 21.7

Right Touch, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery, #2

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.140 W/kg



0 dB = 0.353 W/kg



Enlarged Plot for A4

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

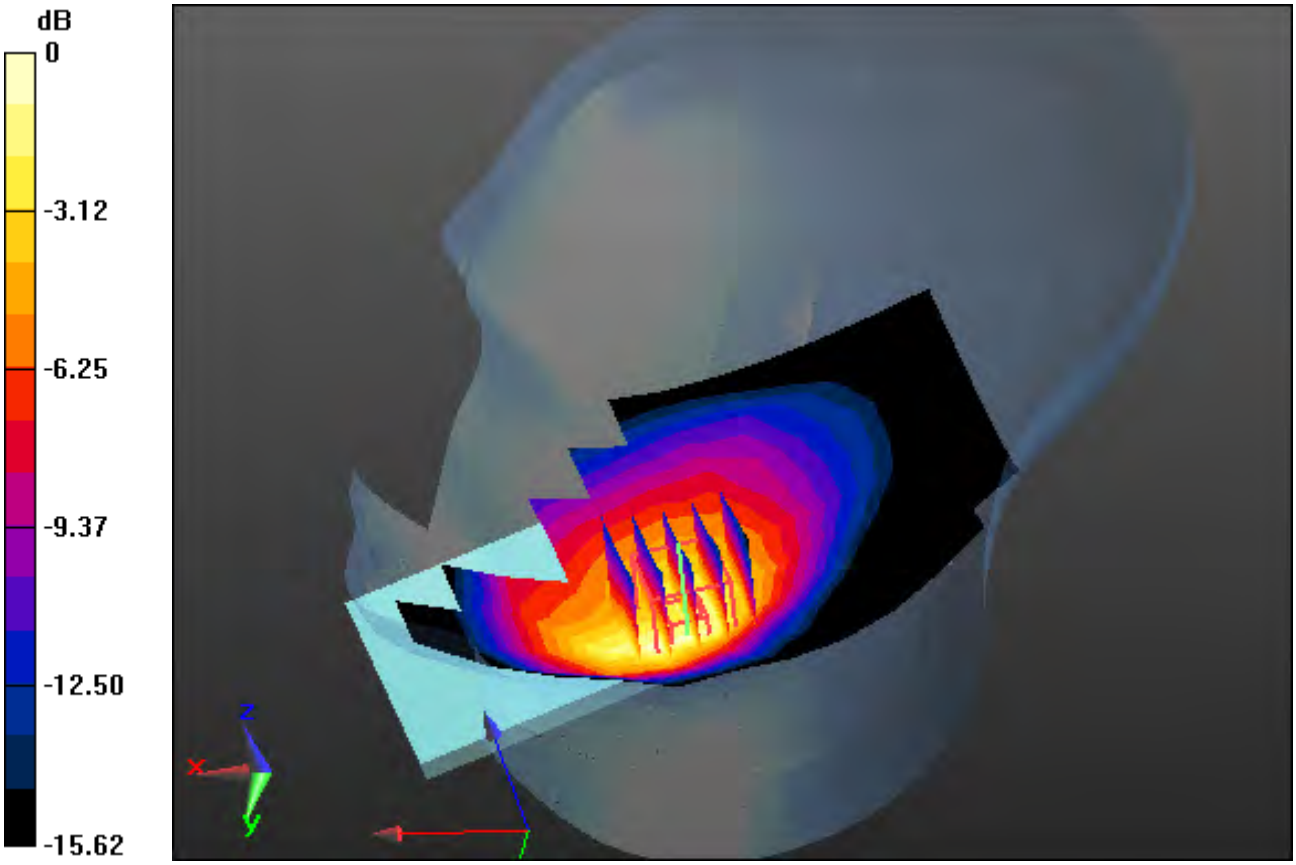
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.892 S/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

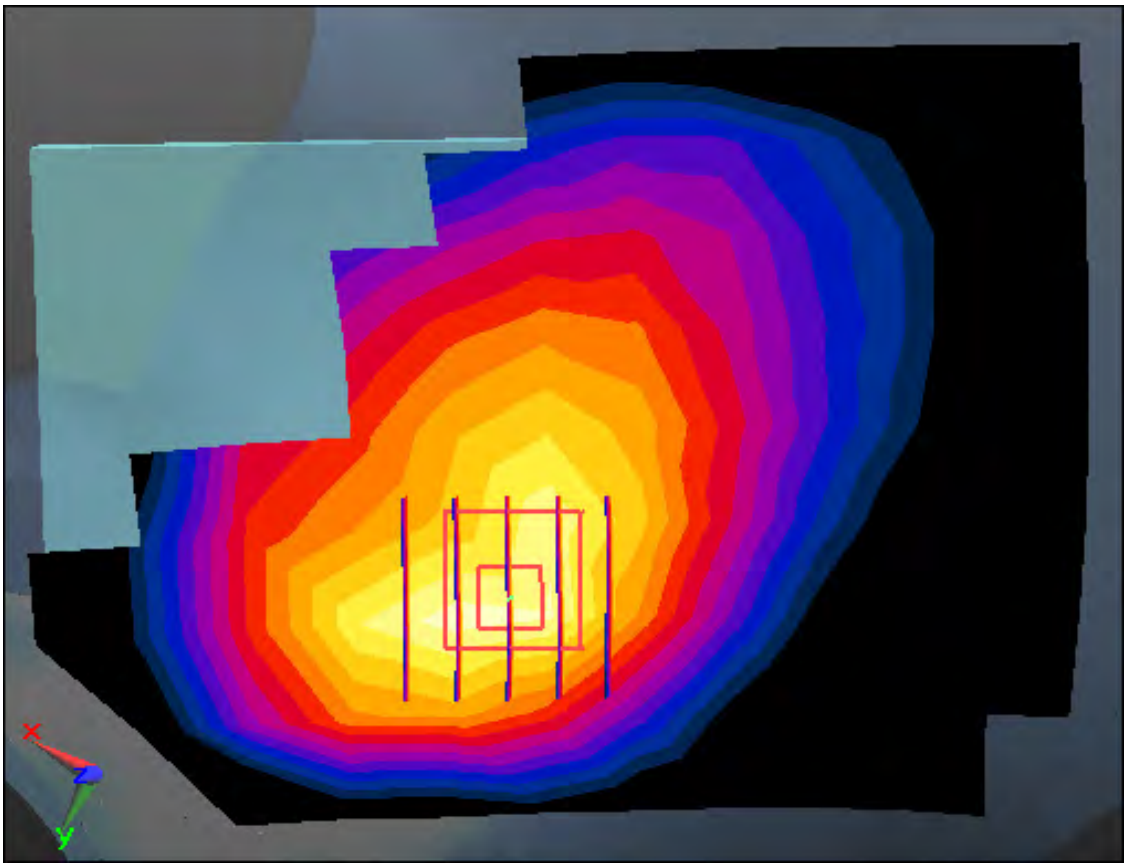
Test Date: 2020-02-10; Ambient Temp: 22.1; Tissue Temp: 22.4

Right Touch, WCDMA Band 5 Ch. 4183, Ant Internal, Standard Battery, #2

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.486 W/kg



0 dB = 1.21 W/kg



Enlarged Plot for A5

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.867 S/m; ε_r = 42.907; ρ = 1000 kg/m^3
Phantom section: Right Section

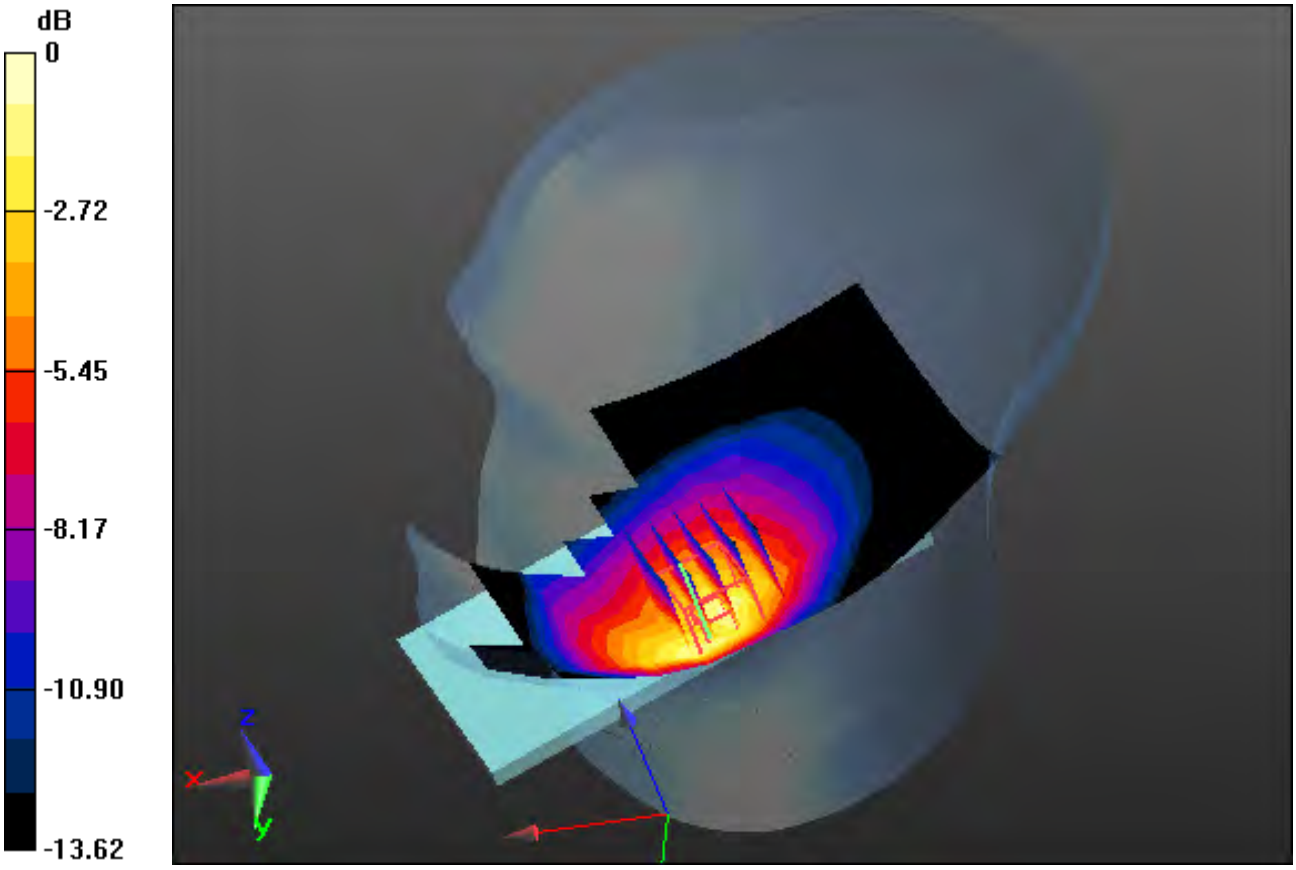
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.68, 10.68, 10.68); Calibrated: 9/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-13; Ambient Temp: 22.1; Tissue Temp: 22.3

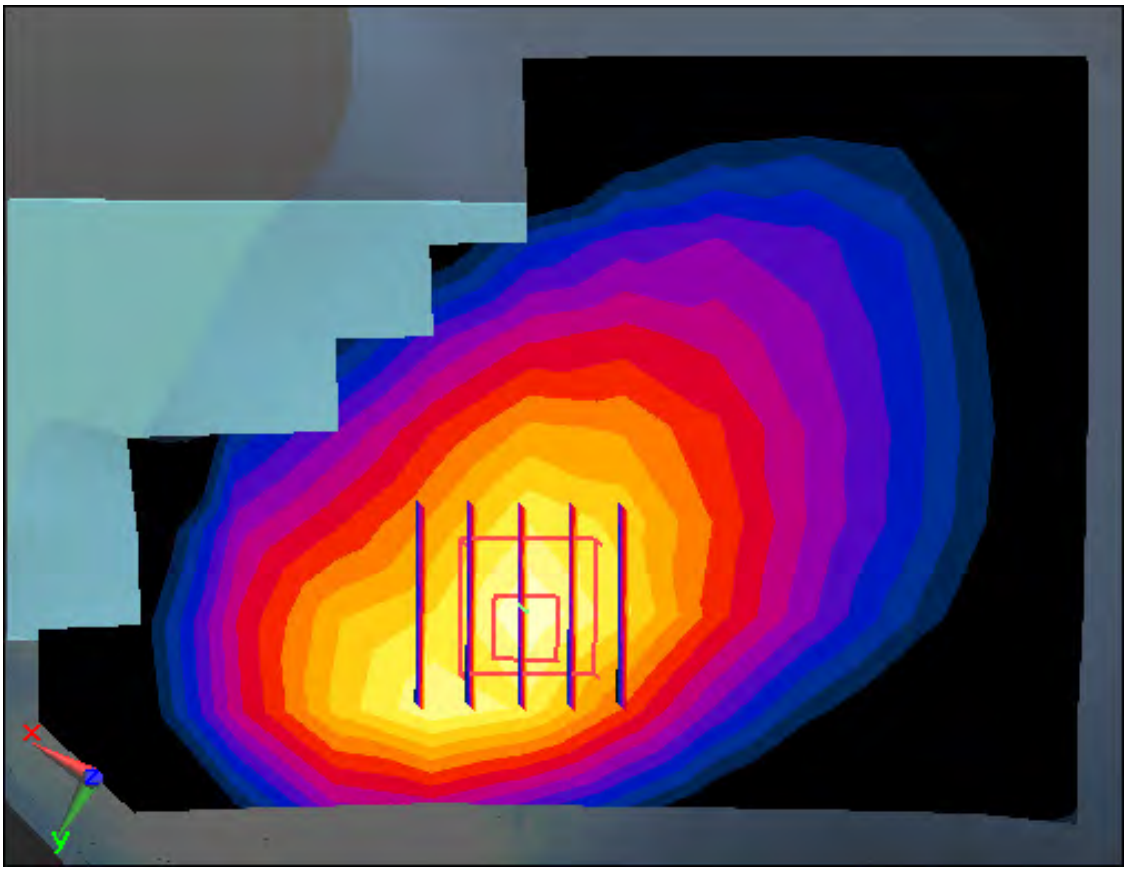
Right Touch, LTE Band 12 Ch. 23095, Ant Internal, Standard Battery, #2

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

Area Scan (9x14x1): 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) = 0.971 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.313 W/kg



0 dB = 0.750 W/kg



Enlarged Plot for A6

DT&C Co., Ltd.

DUT: OA2006; 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 = 0.892 S/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Right Section

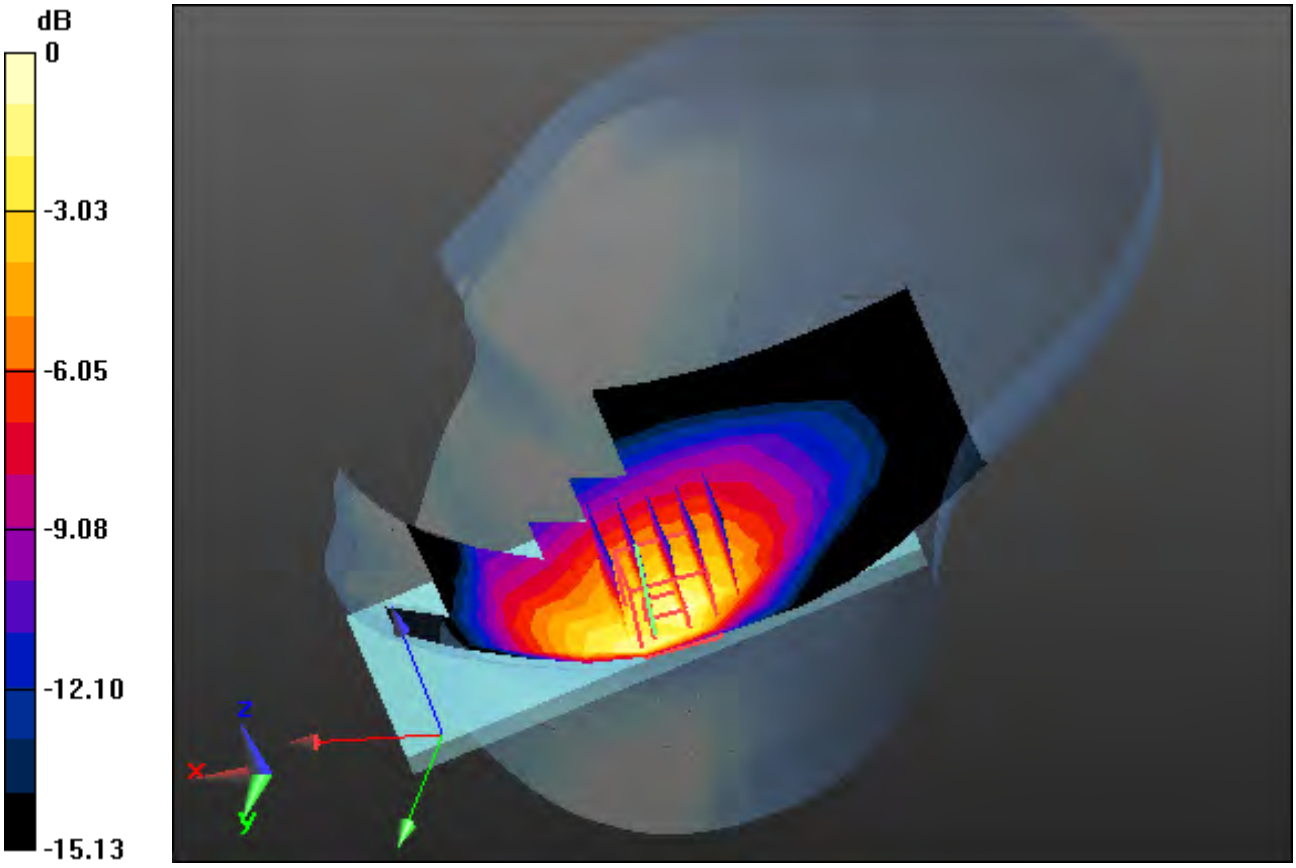
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2019-02-10; Ambient Temp: 22.1; Tissue Temp: 22.4

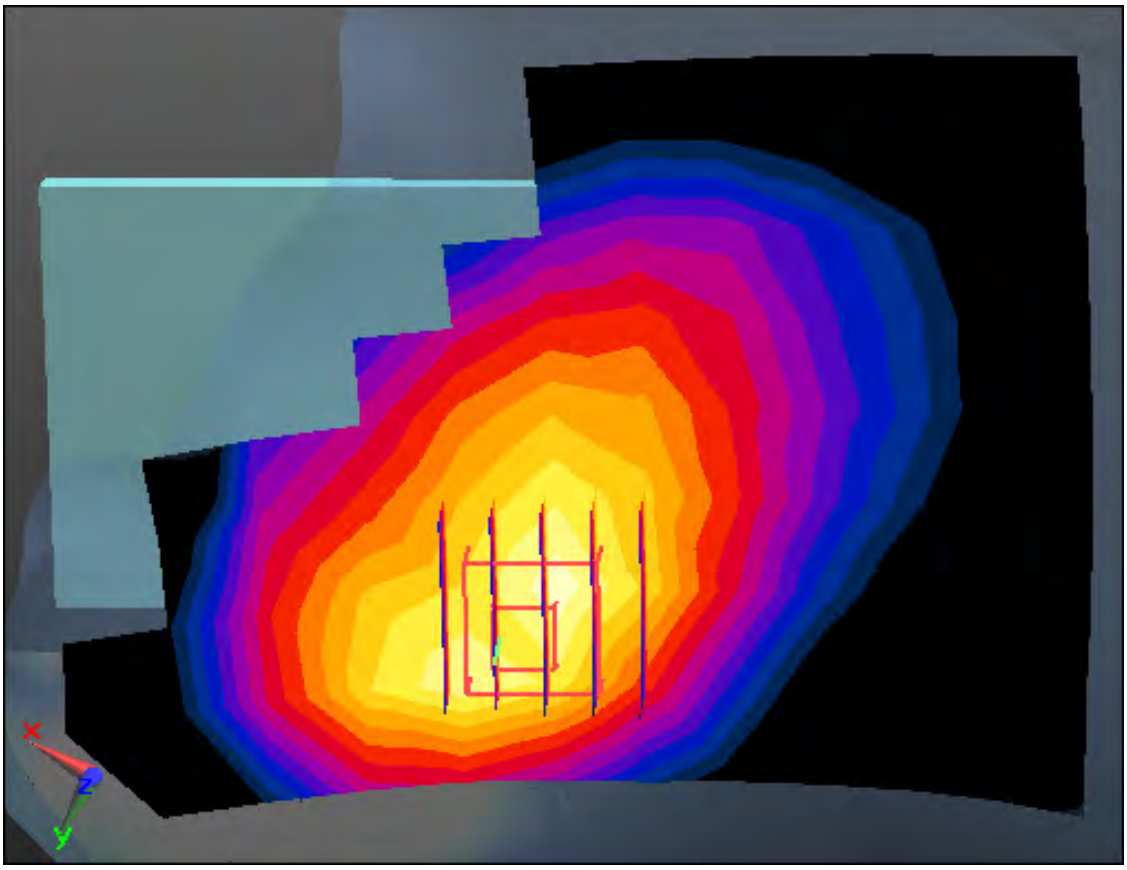
Right Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery, #2

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.496 W/kg



0 dB = 1.16 W/kg



Enlarged Plot for A7

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

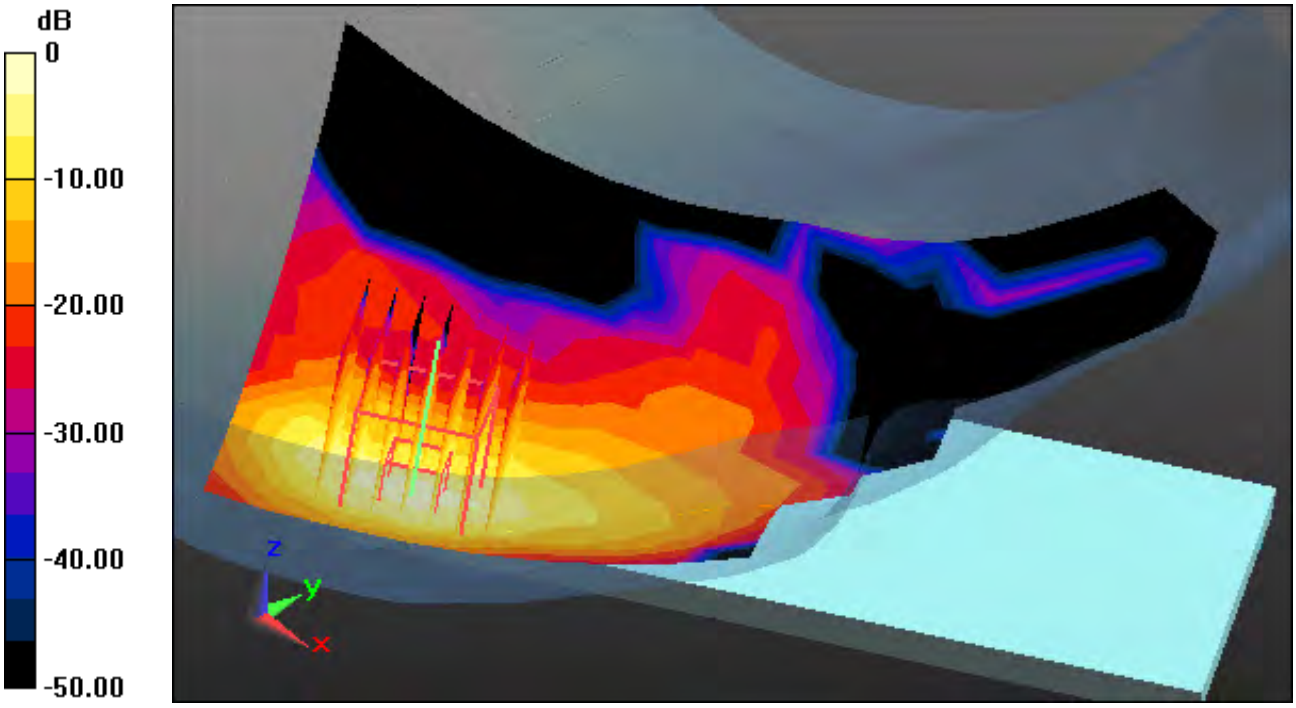
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.83 S/m; ε_r = 40.463; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.66, 7.66, 7.66); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

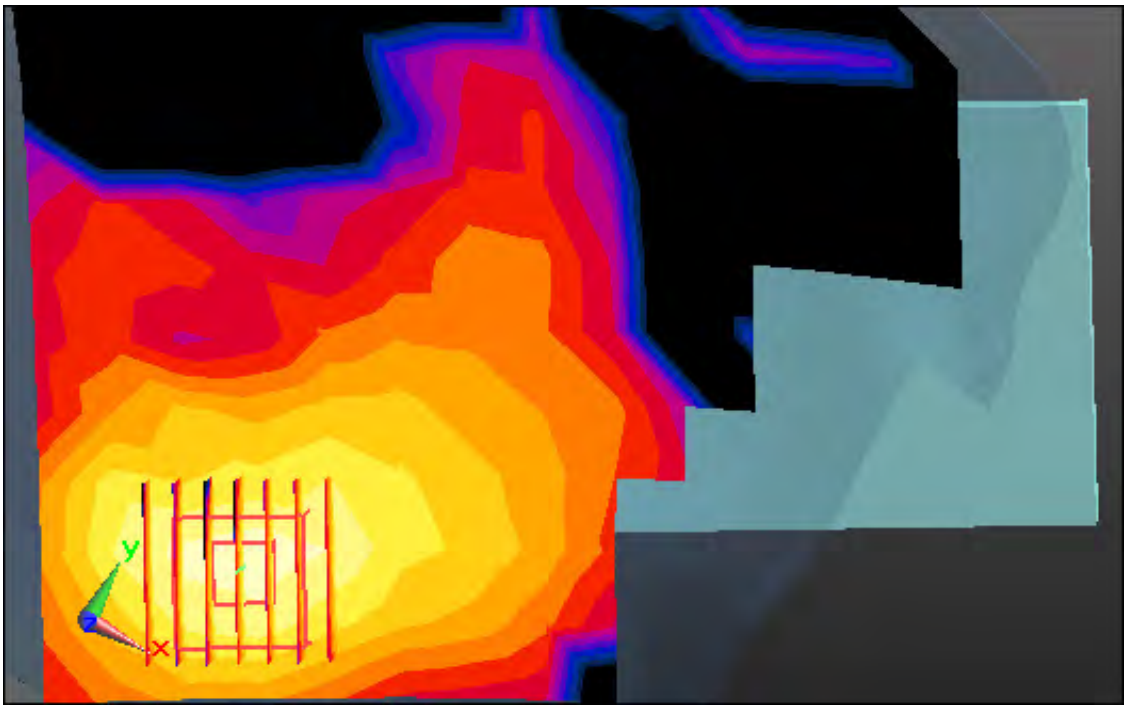
Test Date: 2020-02-12; Ambient Temp: 21.2; Tissue Temp: 21.1

Right Touch, WLAN(802.11b) Ch. 6, 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 = 0.18 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.144 W/kg



0 dB = 0.704 W/kg



Enlarged Plot for A8

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

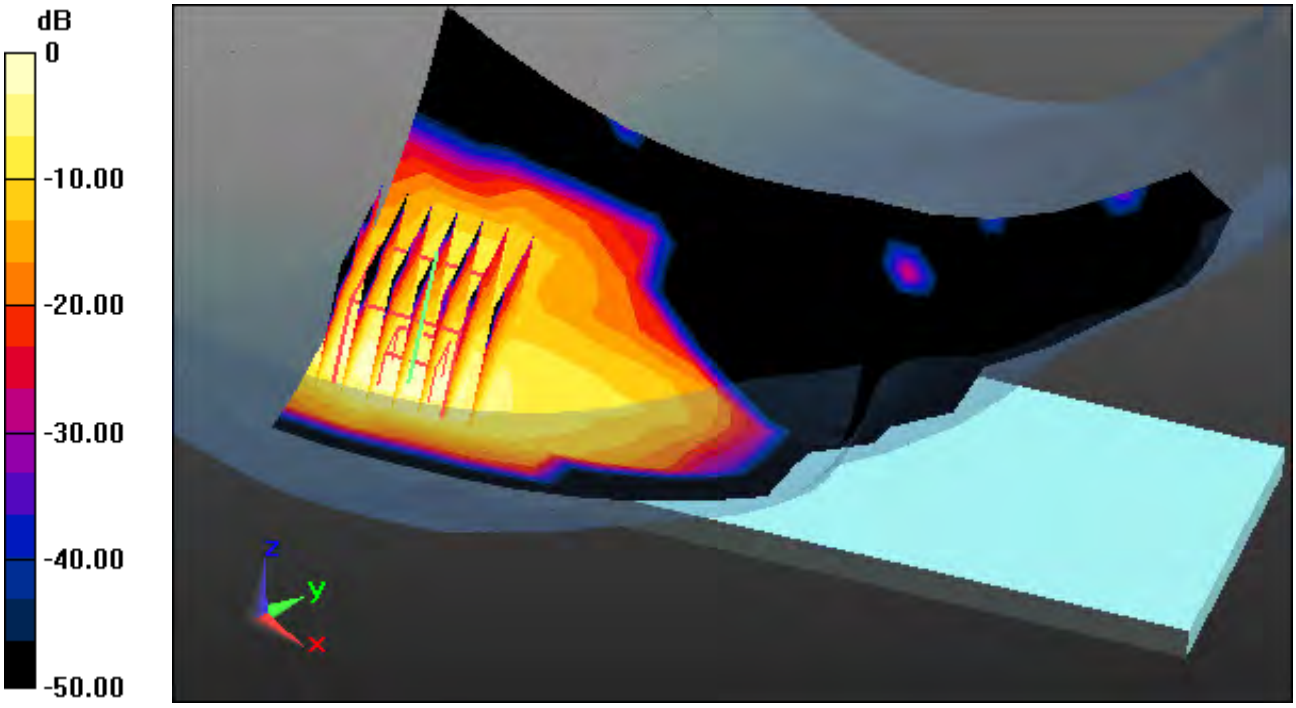
Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.858 S/m; ε_r = 40.38; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.66, 7.66, 7.66); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

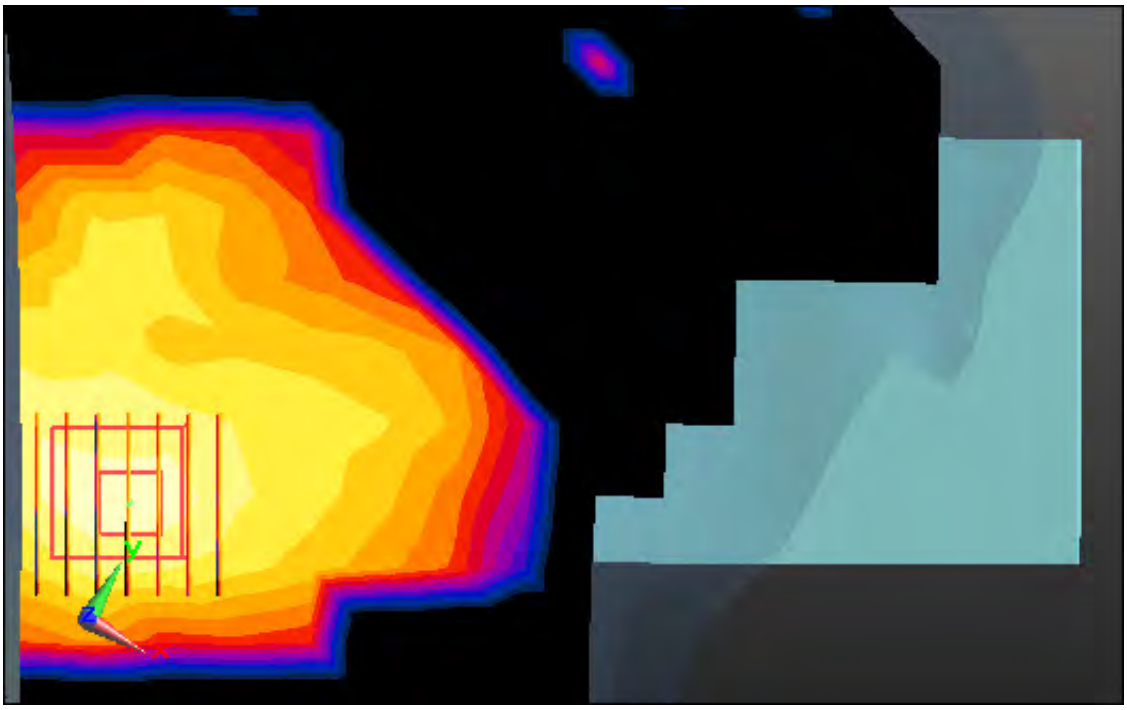
Test Date: 2020-02-12; Ambient Temp: 21.2; Tissue Temp: 21.1

Right Touch, WLAN(802.11b) Ch. 11, 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 = -0.09 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.069 W/kg



0 dB = 0.285 W/kg



Enlarged Plot for A9

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

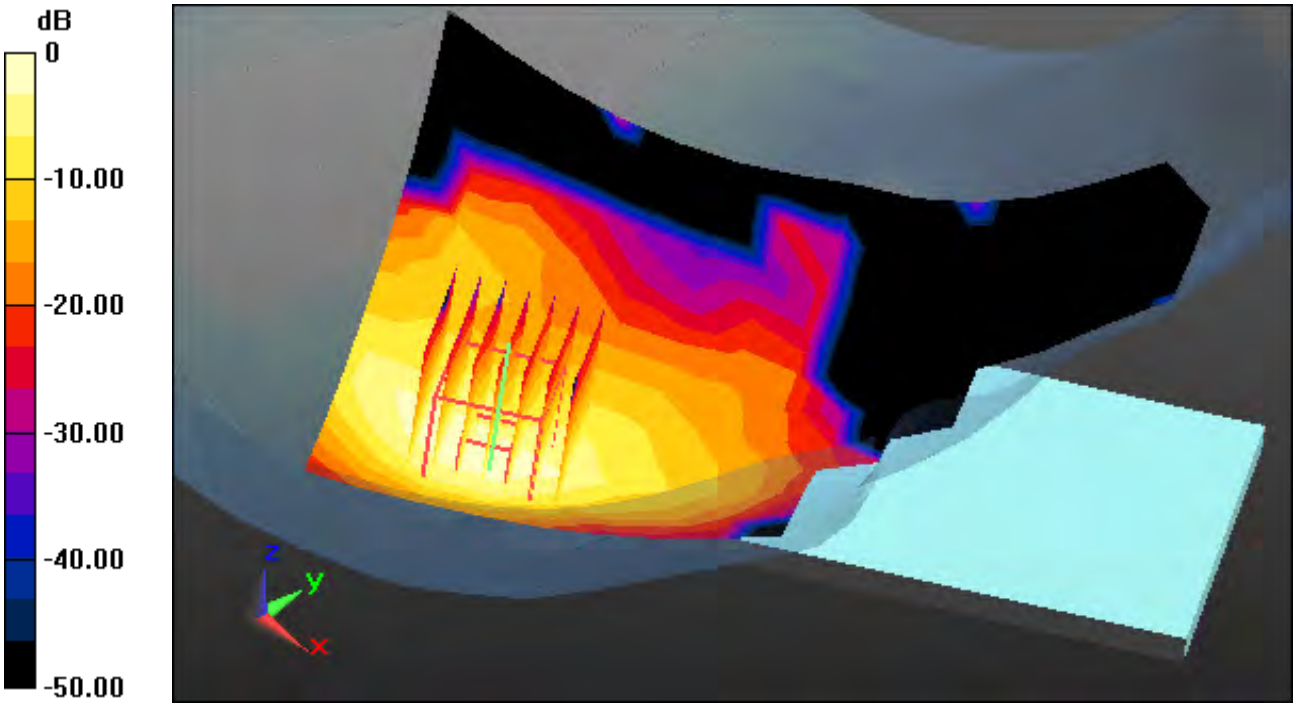
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.83 S/m; ε_r = 40.463; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.66, 7.66, 7.66); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

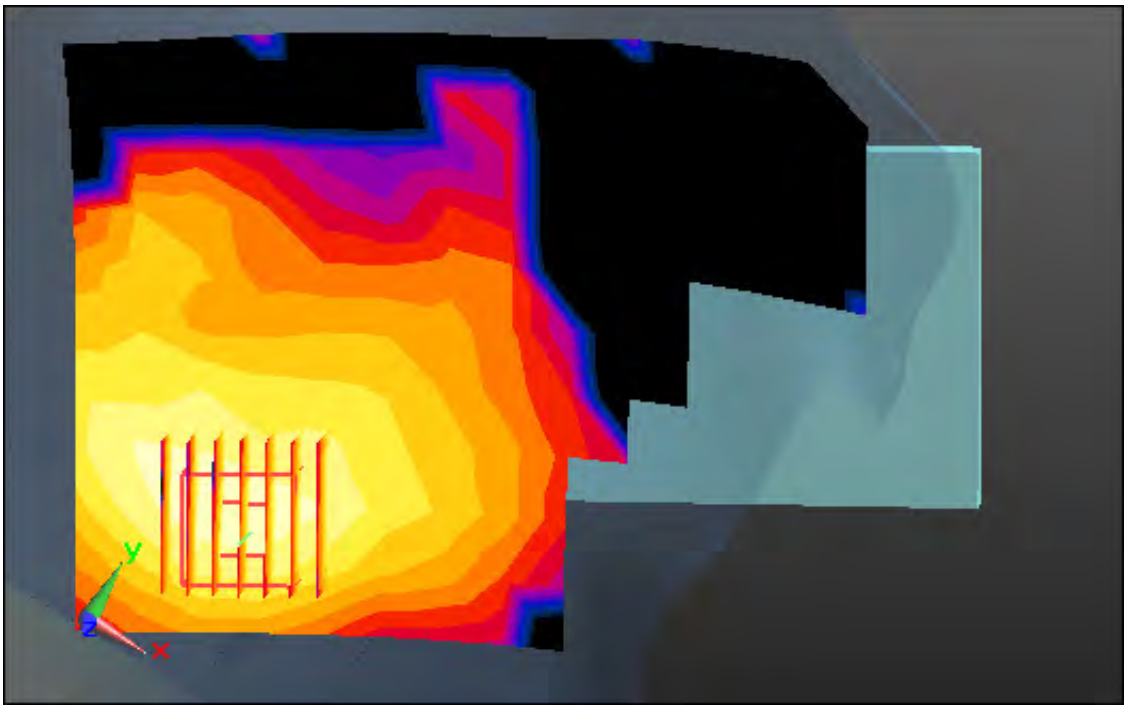
Test Date: 2020-02-12; Ambient Temp: 21.2; Tissue Temp: 21.1

Right Touch, WLAN(802.11b) 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 = -0.03 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.158 W/kg



0 dB = 0.650 W/kg



Enlarged Plot for A10

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

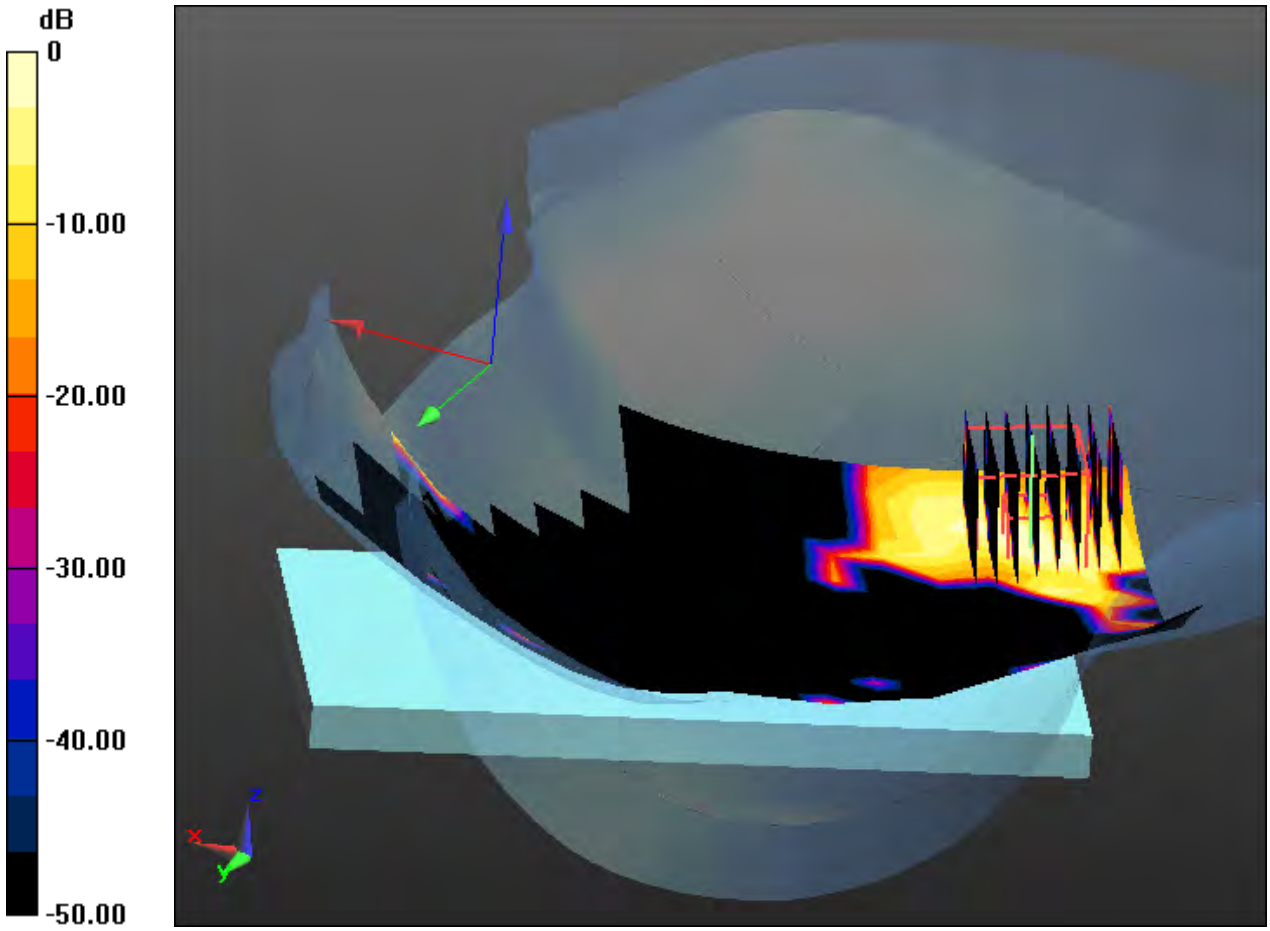
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.772 S/m; ε_r = 36.272; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.45, 5.45, 5.45); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-18; Ambient Temp: 22.1; Tissue Temp: 21.9

Right Touch, WLAN(802.11a) Ch. 64, Ant Internal, 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 = 0.00 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00521 W/kg



0 dB = 0.0816 W/kg

Enlarged Plot for A11

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

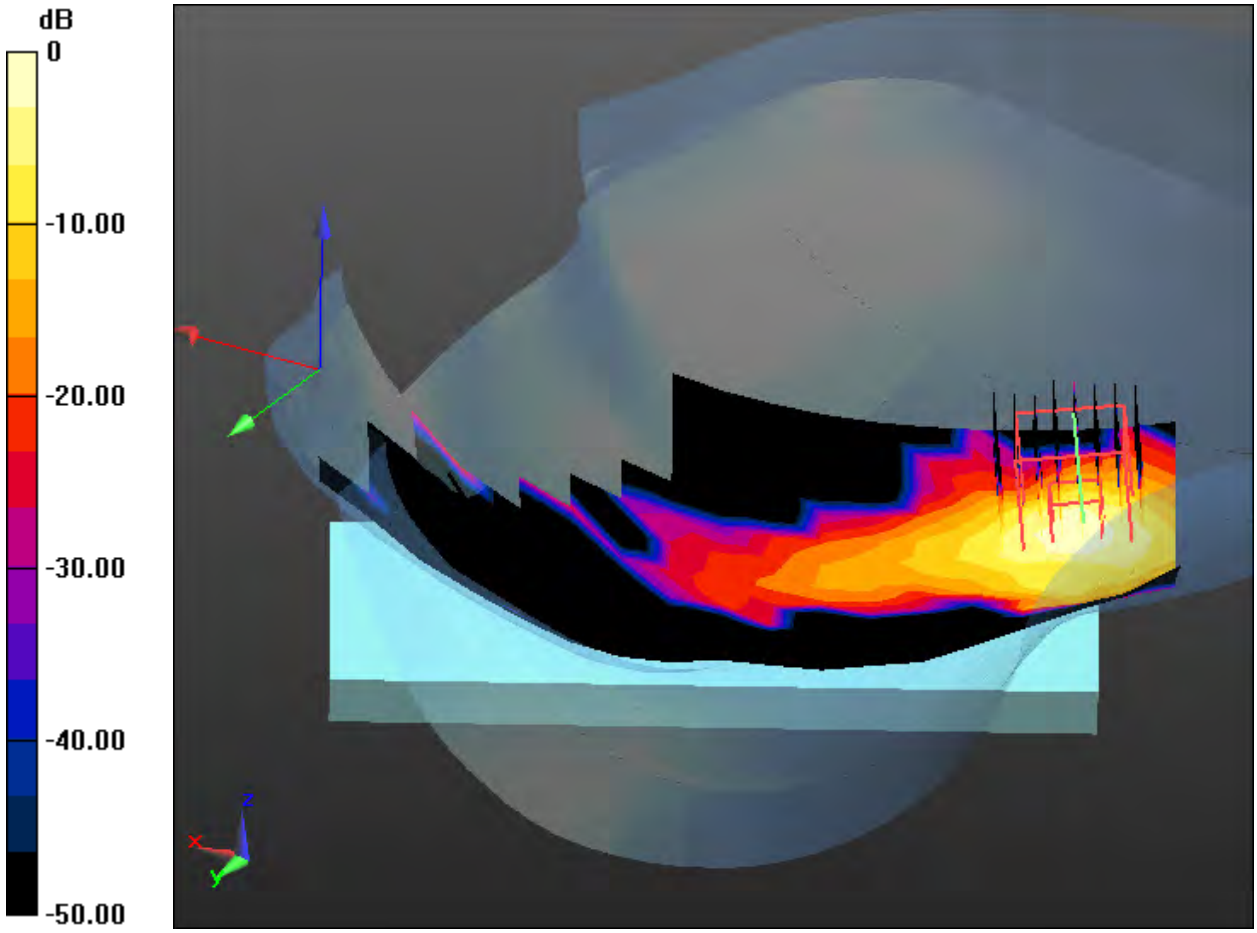
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.704 S/m; ε_r = 36.37; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.45, 5.45, 5.45); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

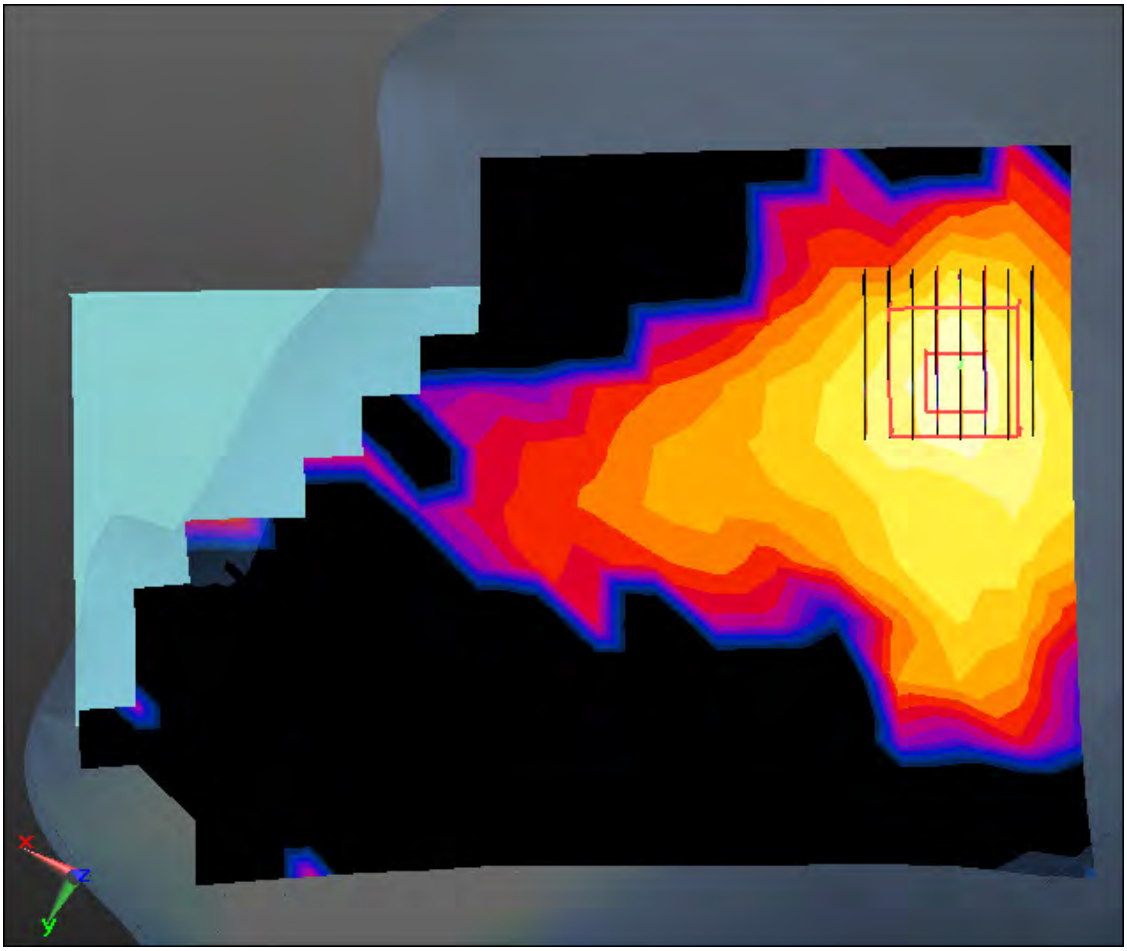
Test Date: 2020-02-18; Ambient Temp: 22.1; Tissue Temp: 21.9

Right Touch, WLAN(802.11a) Ch. 52, Ant Internal, 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) = 1.88 W/kg
SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.128 W/kg



0 dB = 1.04 W/kg



Enlarged Plot for A12

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

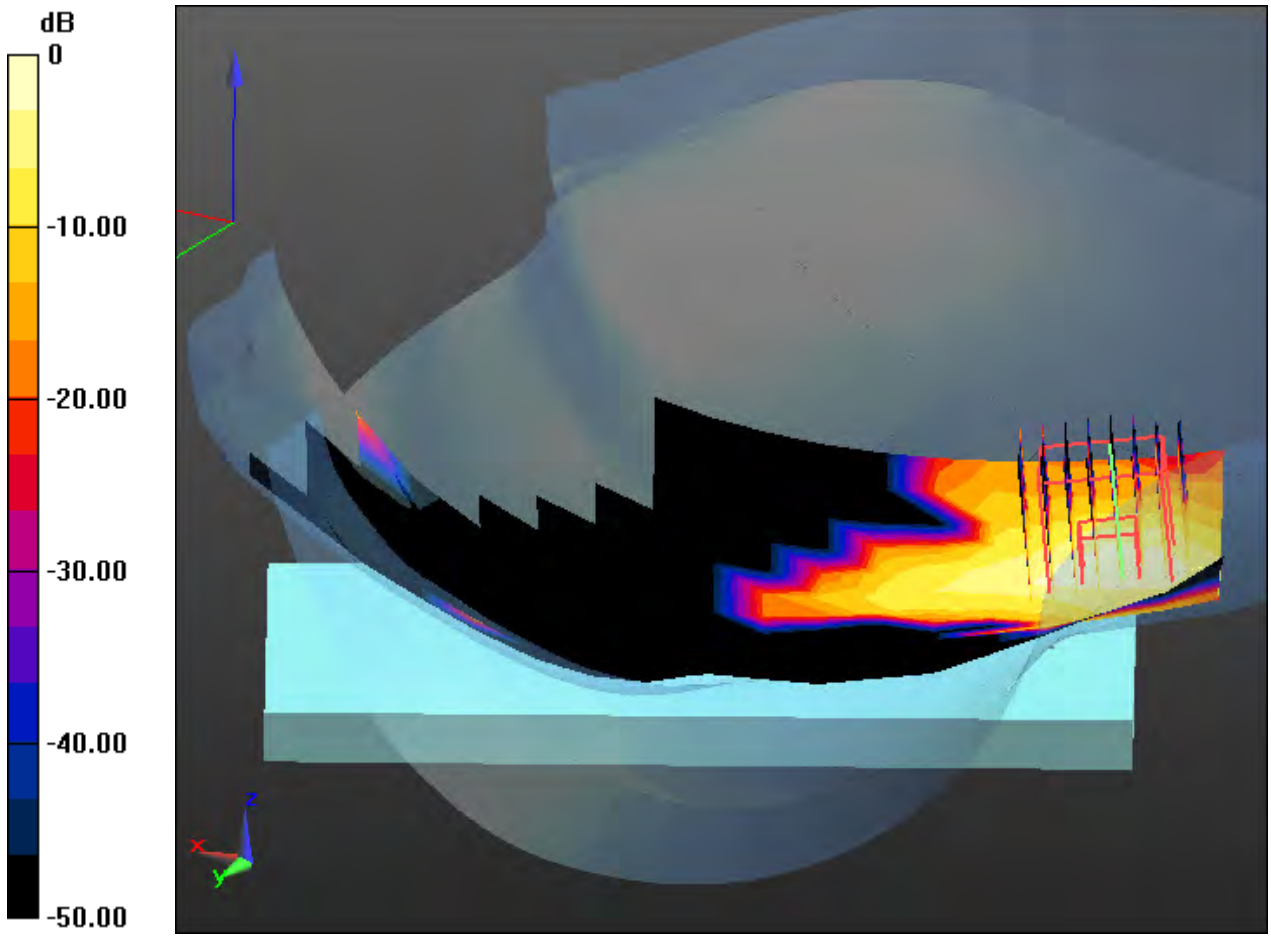
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.704 S/m; ε_r = 36.37; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.45, 5.45, 5.45); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

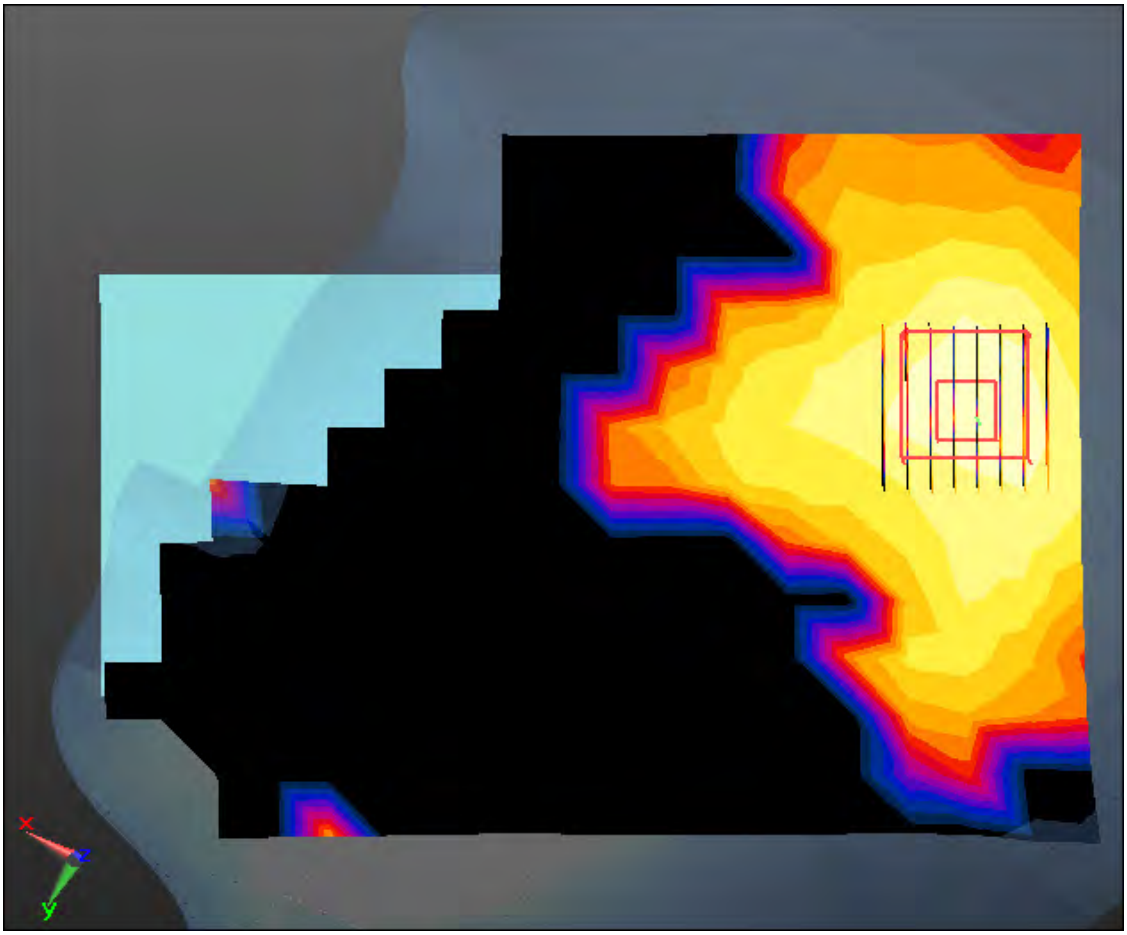
Test Date: 2020-02-18; Ambient Temp: 22.1; Tissue Temp: 21.9

Right Touch, WLAN(802.11a) Ch. 52, Ant Internal, 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 = 0.02 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.148 W/kg



0 dB = 1.04 W/kg



Enlarged Plot for A13

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

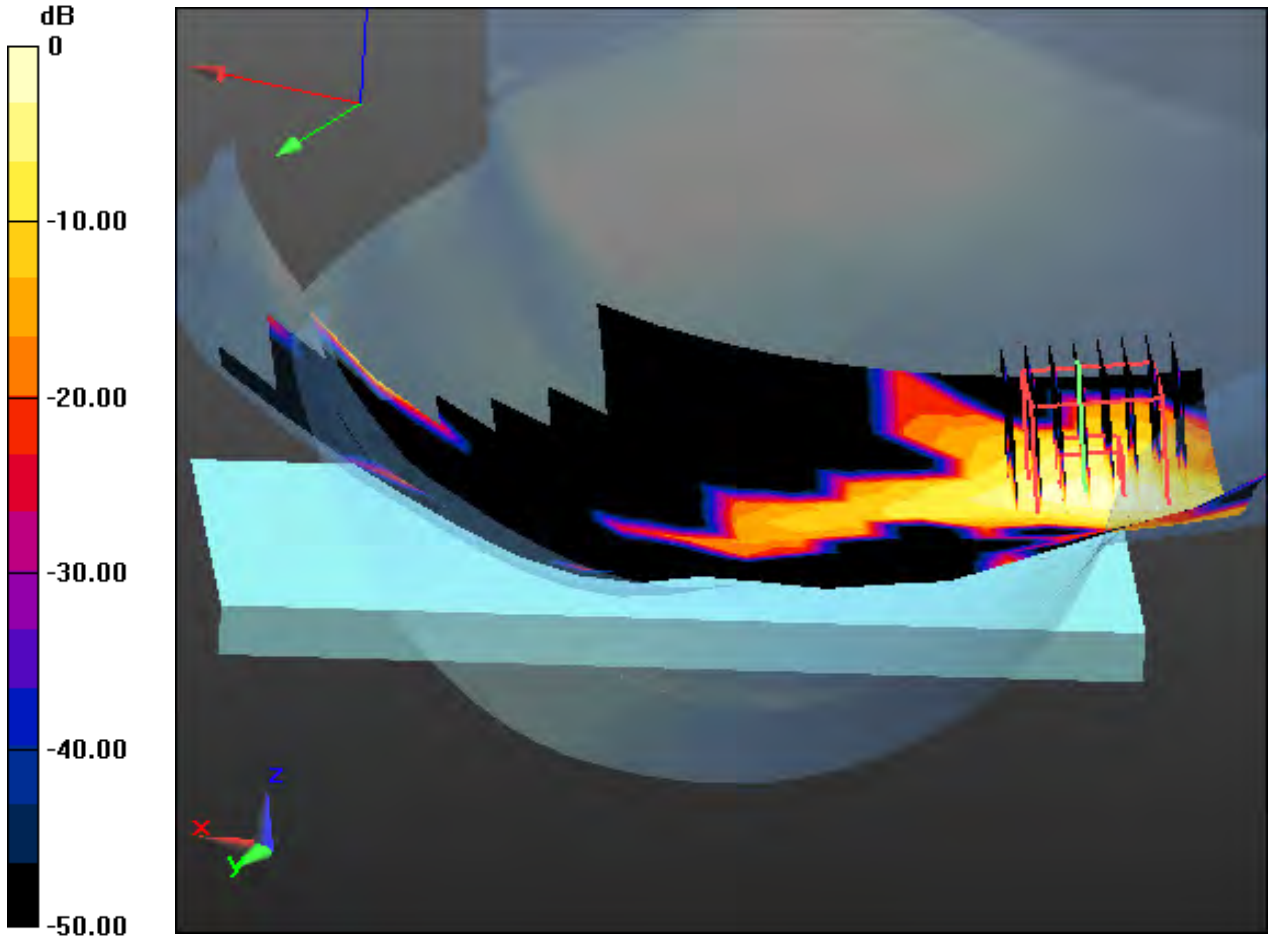
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.011 S/m; ε_r = 36.637; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.04, 5.04, 5.04); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

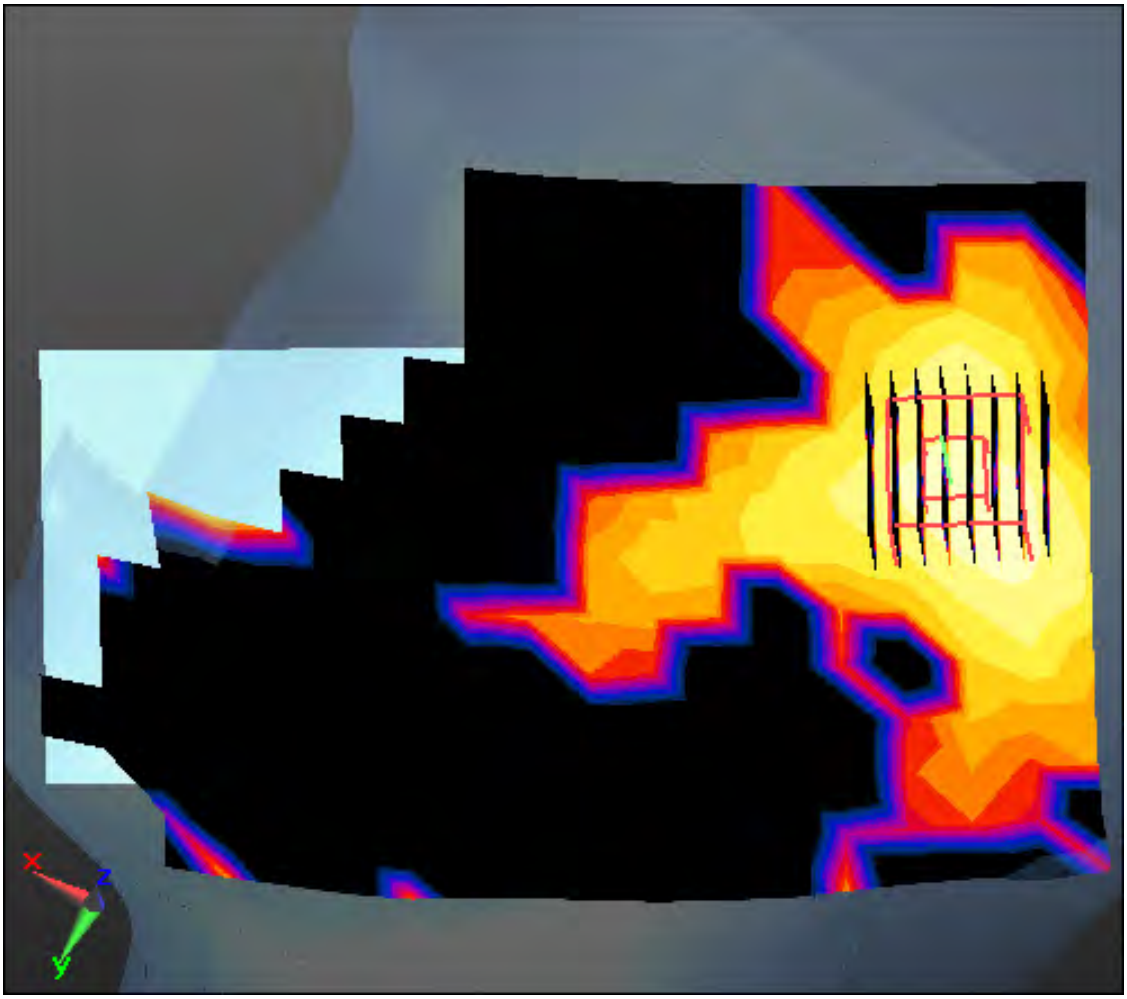
Test Date: 2020-02-20; Ambient Temp: 21.8; Tissue Temp: 21.5

Right Touch, WLAN(802.11a) Ch. 100, Ant Internal, 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 = 0.00 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.219 W/kg



Enlarged Plot for A14

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

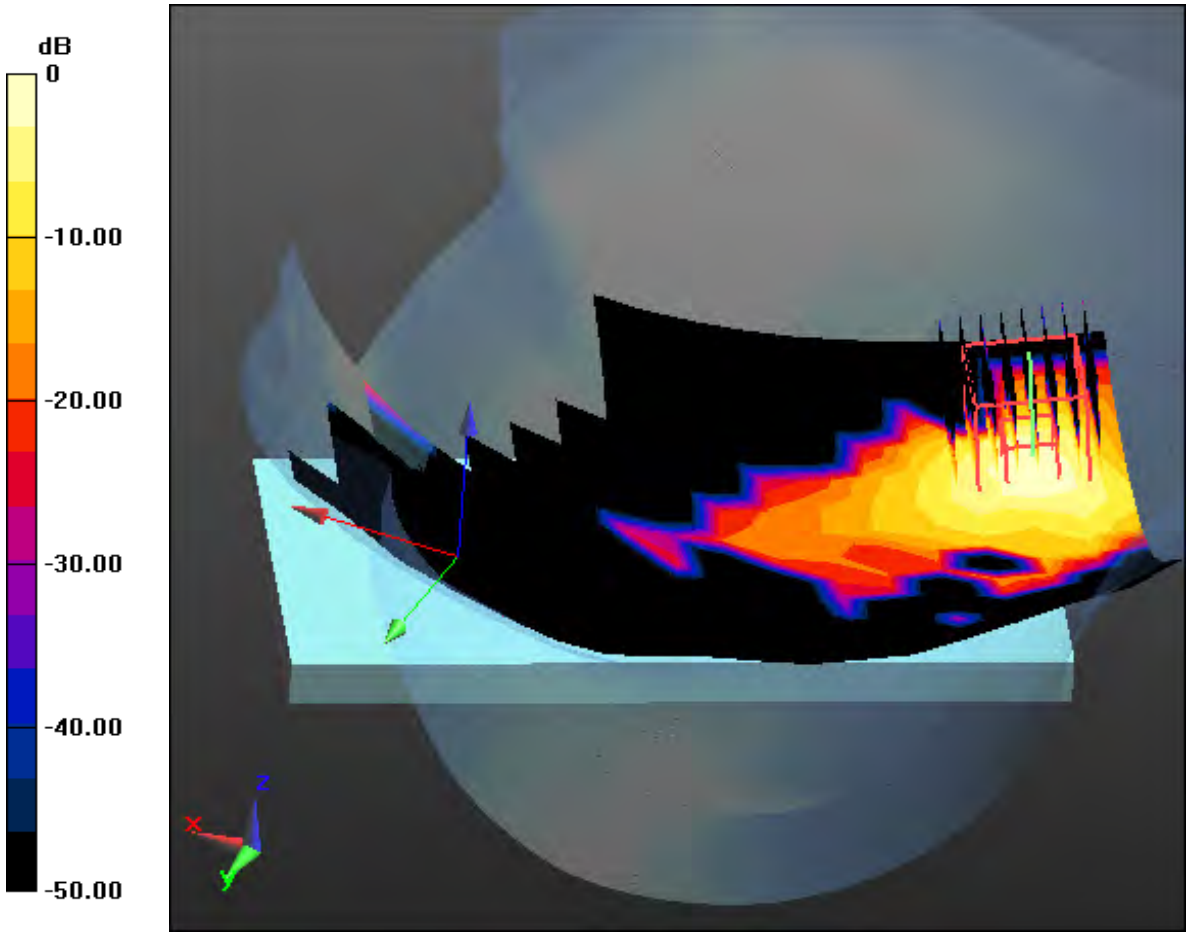
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.011 S/m; ε_r = 36.637; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.04, 5.04, 5.04); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

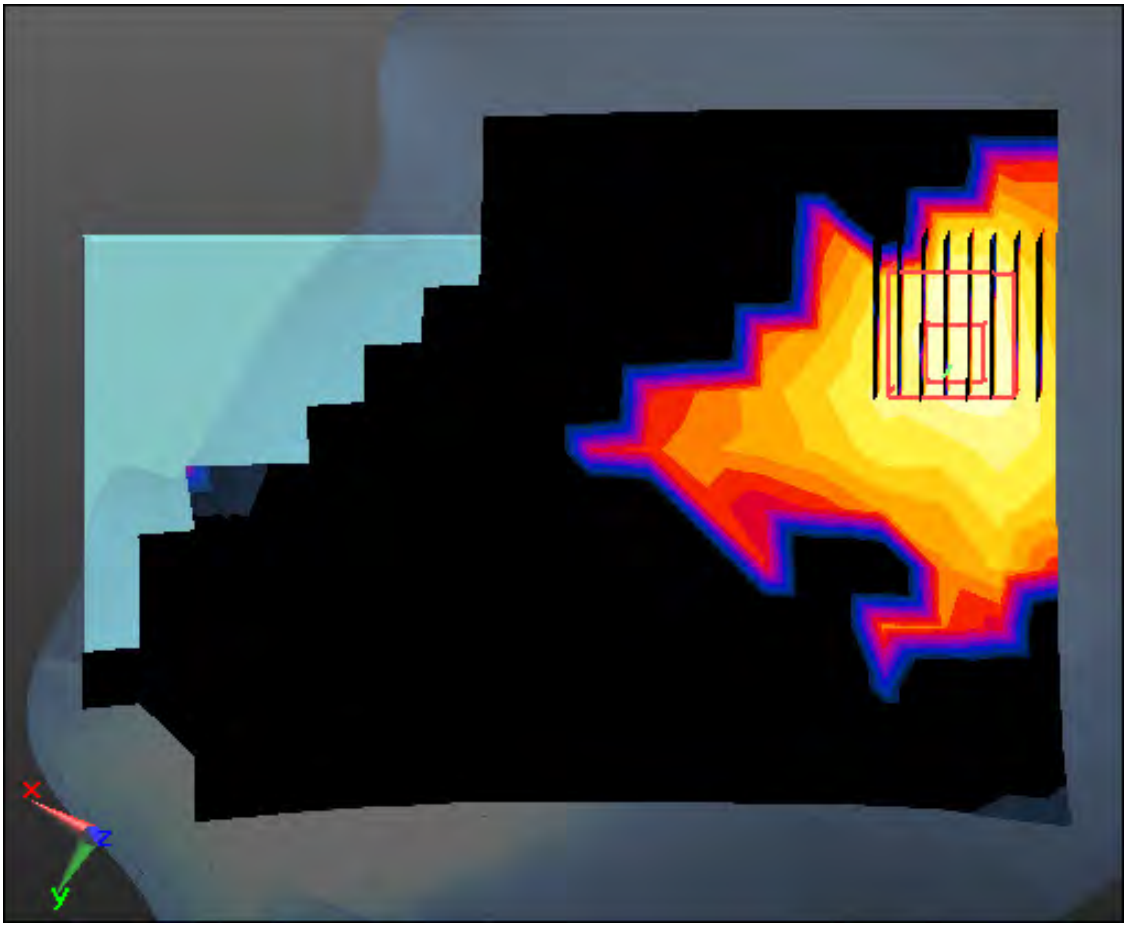
Test Date: 2020-02-20; Ambient Temp: 21.8; Tissue Temp: 21.5

Right Touch, WLAN(802.11a) Ch. 100, Ant Internal, 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) = 1.55 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.108 W/kg



0 dB = 0.824 W/kg



Enlarged Plot for A15

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

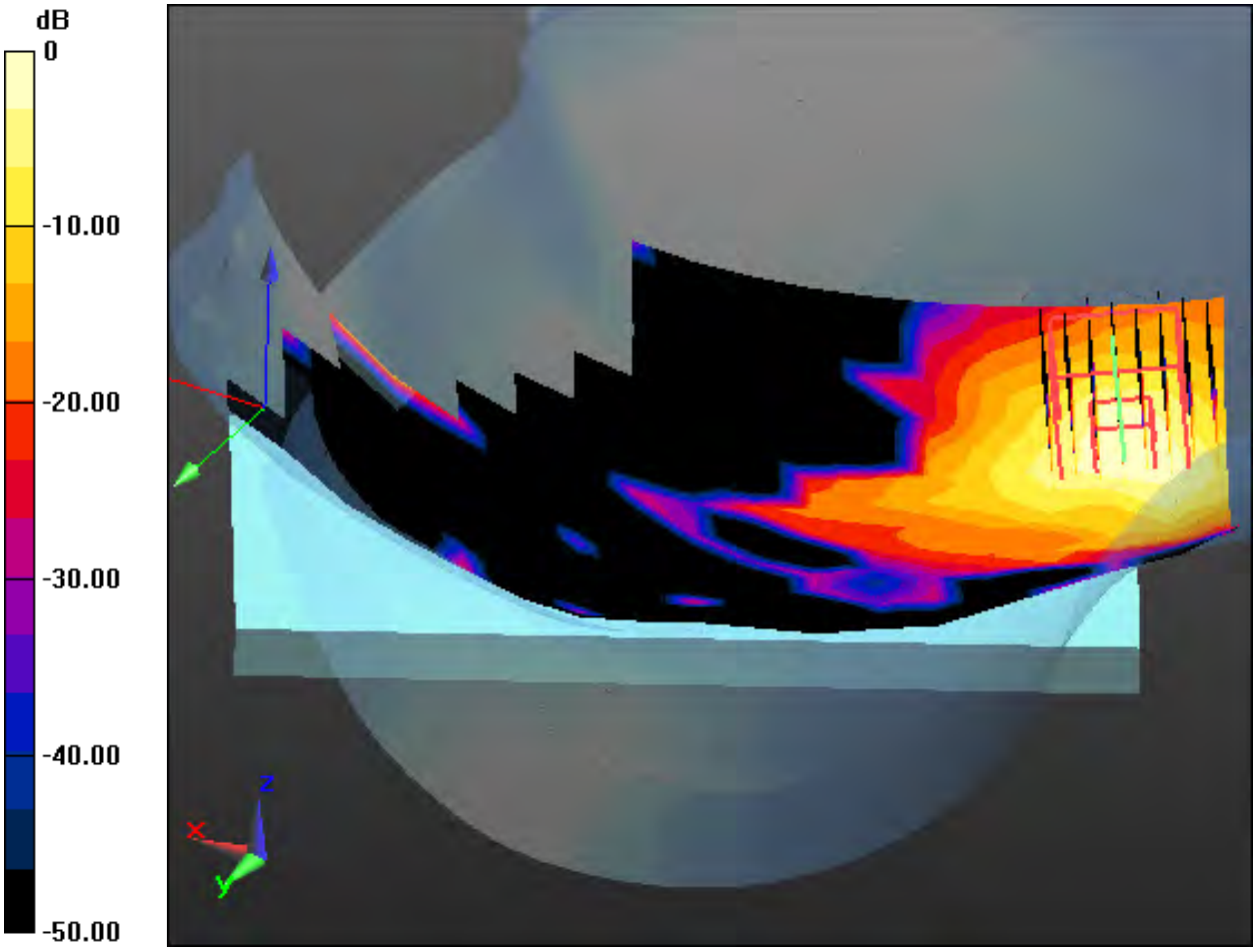
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.011 S/m; ε_r = 36.637; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.04, 5.04, 5.04); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

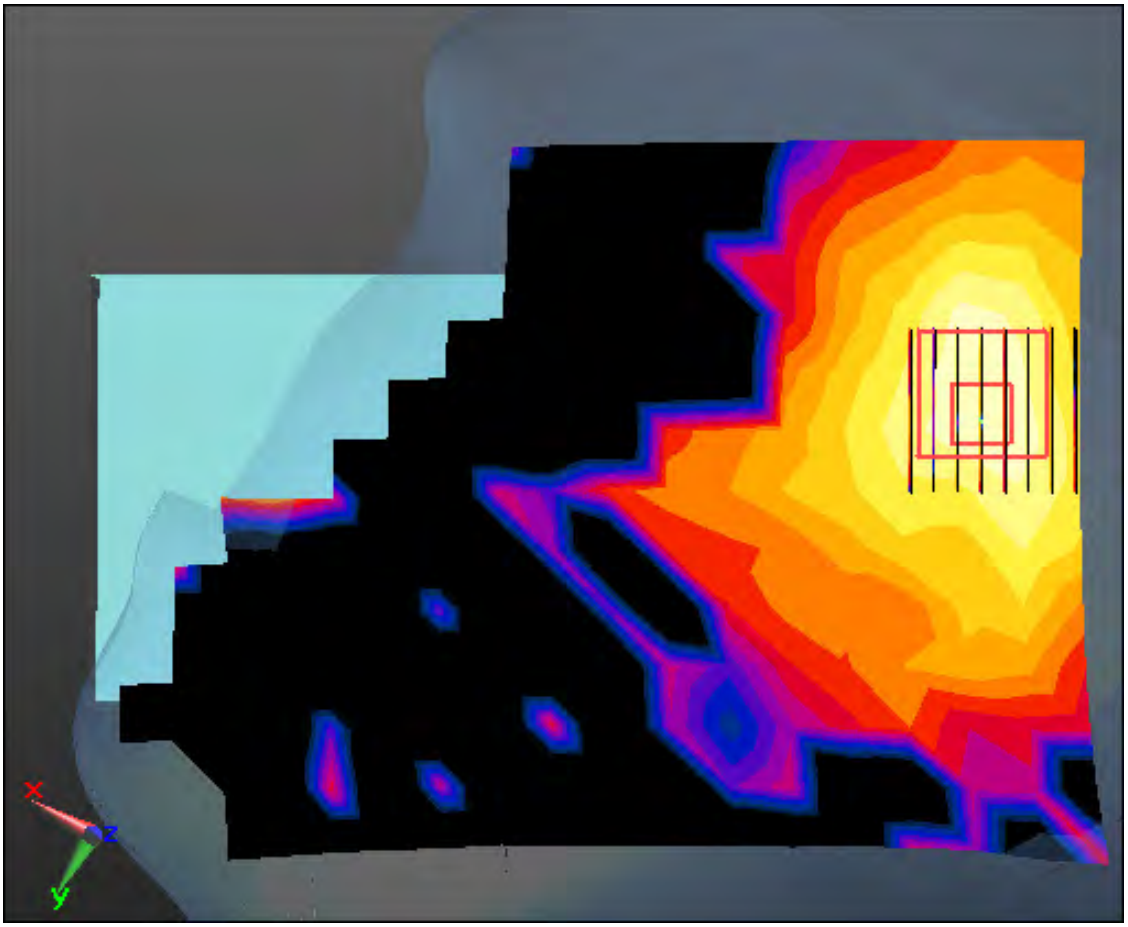
Test Date: 2020-02-20; Ambient Temp: 21.8; Tissue Temp: 21.5

Right Touch, WLAN(802.11a) Ch. 100, Ant Internal, 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 = -0.12 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.149 W/kg



0 dB = 1.08 W/kg



Enlarged Plot for A16

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

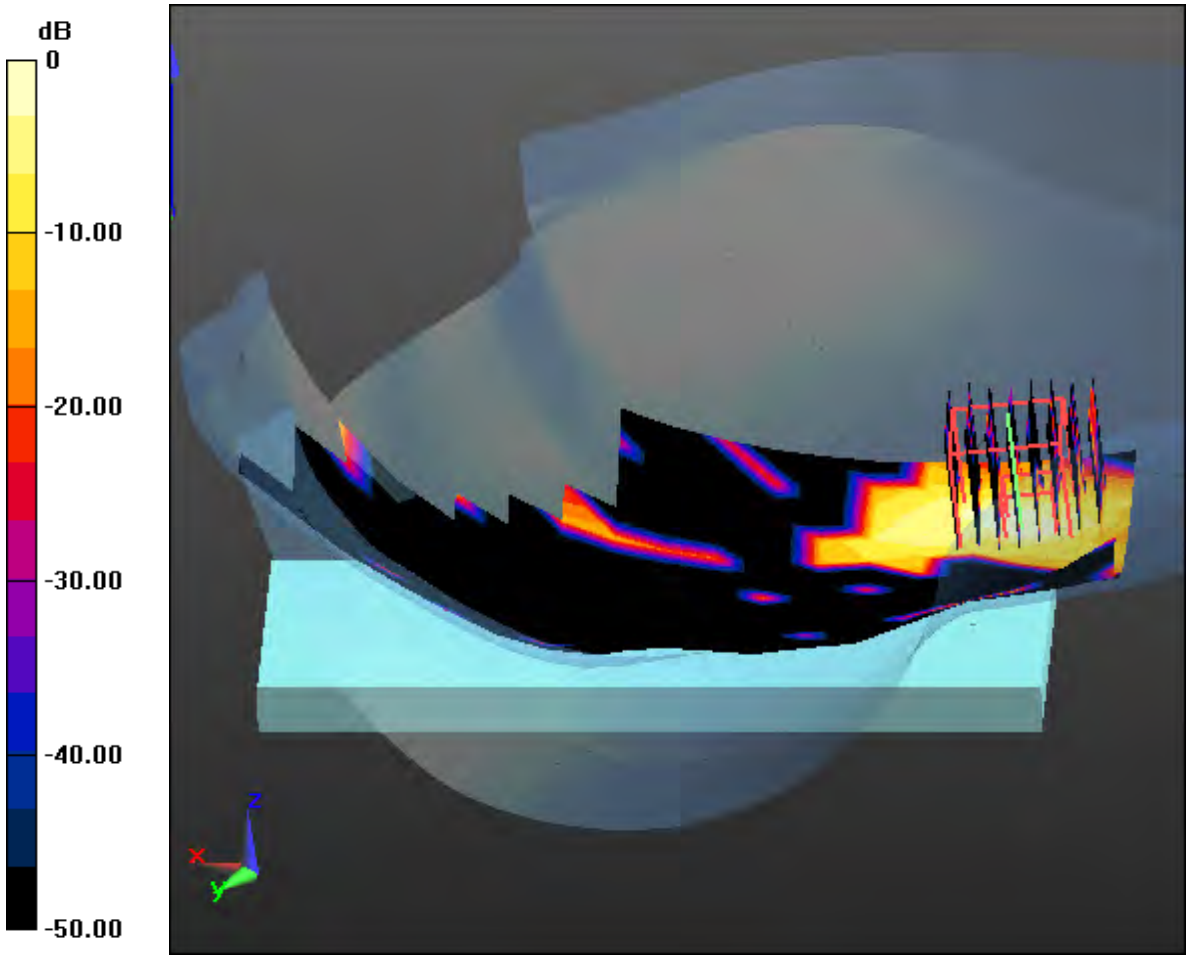
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.316 S/m; ε_r = 36.276; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.02, 5.02, 5.02); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

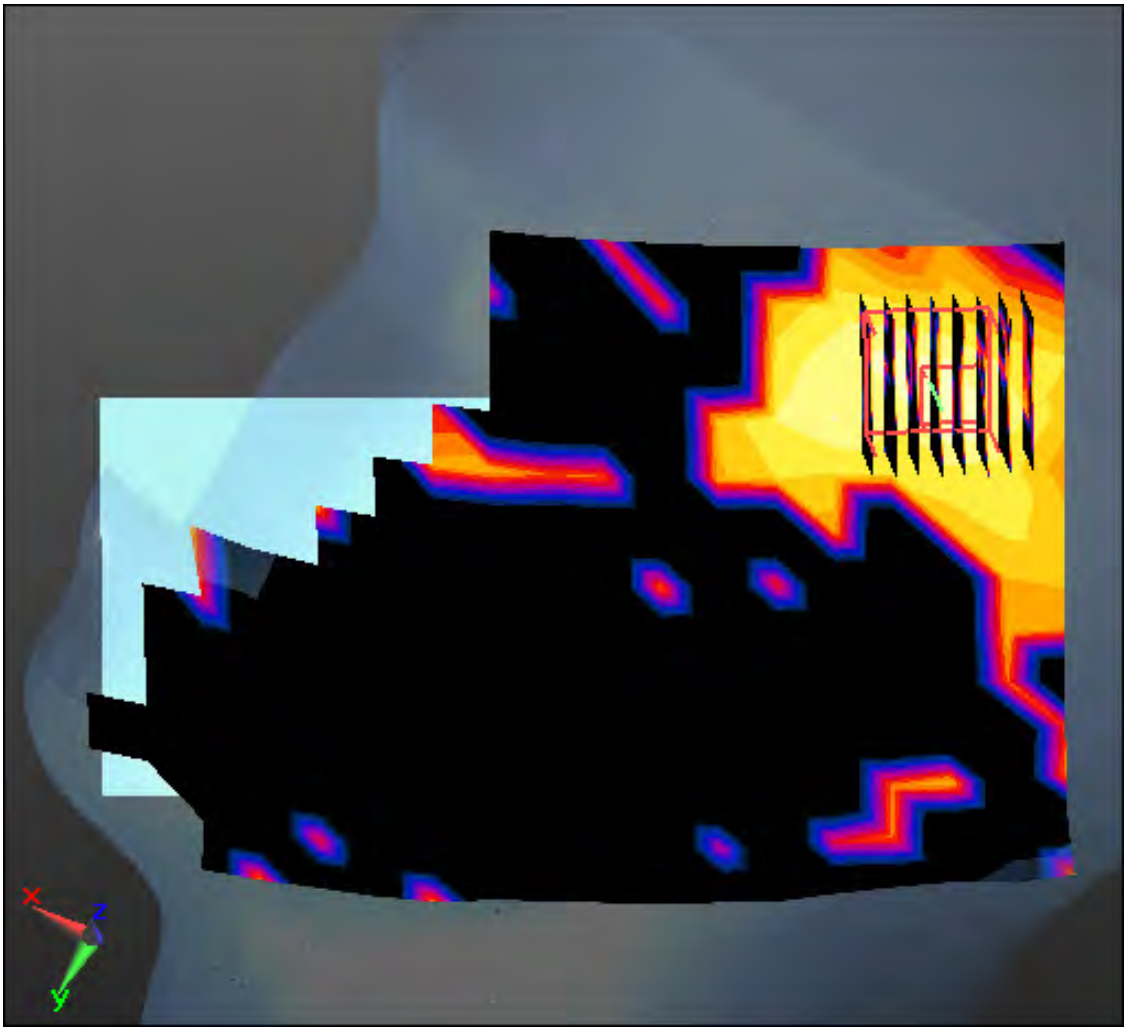
Test Date: 2020-02-21; Ambient Temp: 20.3; Tissue Temp: 20.5

Right Touch, WLAN(802.11a) Ch. 149, Ant Internal, 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 = 0.00 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.011 W/kg



0 dB = 0.147 W/kg



Enlarged Plot for A17

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

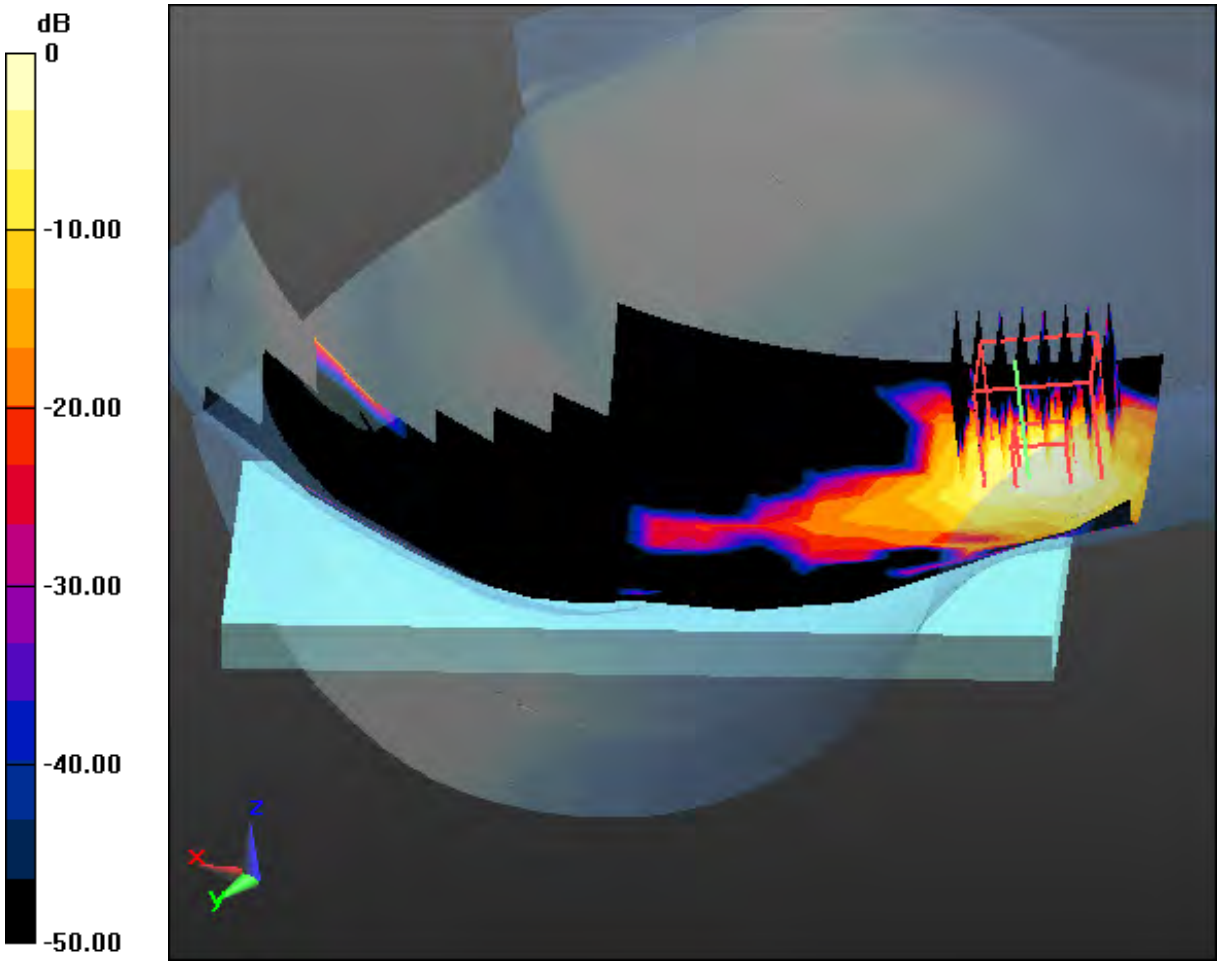
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.36 S/m; ε_r = 36.208; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.02, 5.02, 5.02); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

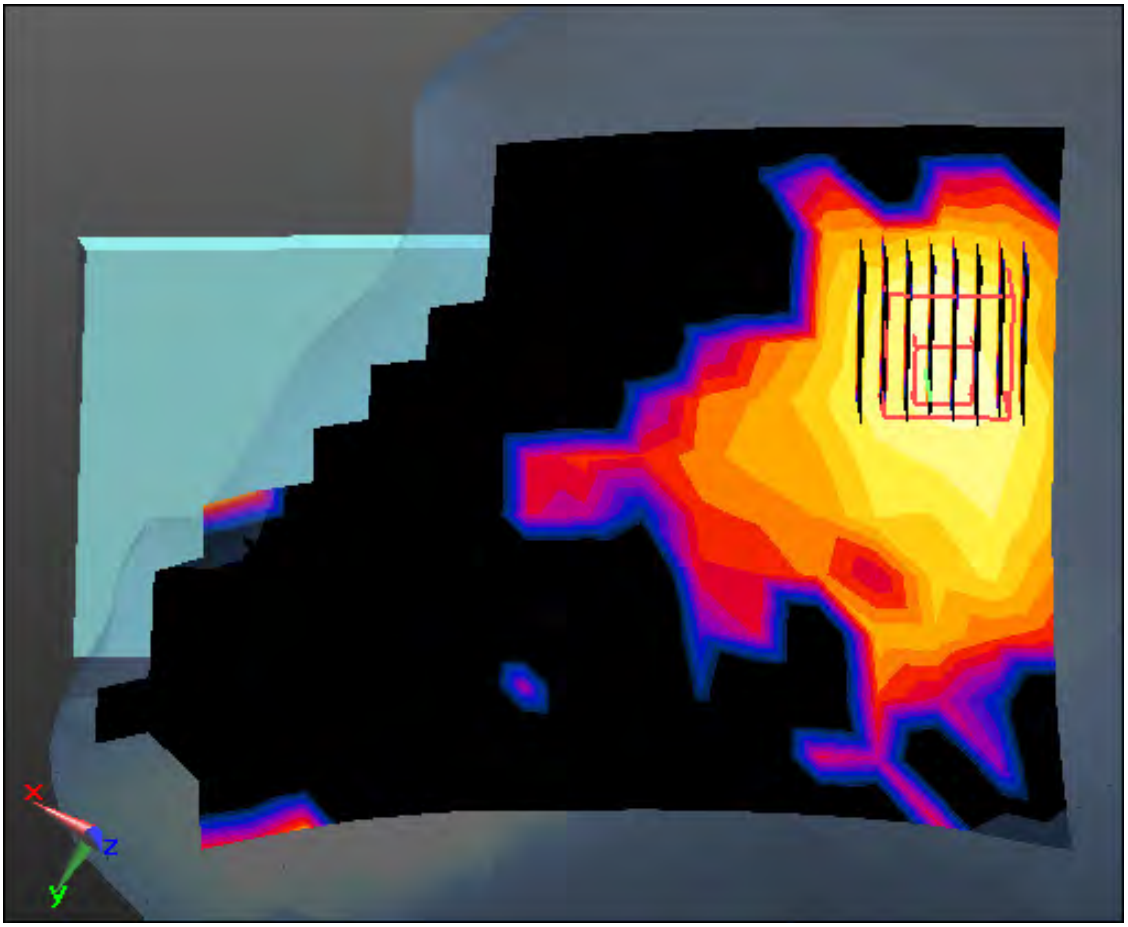
Test Date: 2020-02-21; Ambient Temp: 20.3; Tissue Temp: 20.5

Right Touch, WLAN(802.11a) Ch. 157, Ant Internal, 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 = -0.19 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.090 W/kg



0 dB = 1.03 W/kg



Enlarged Plot for A18

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

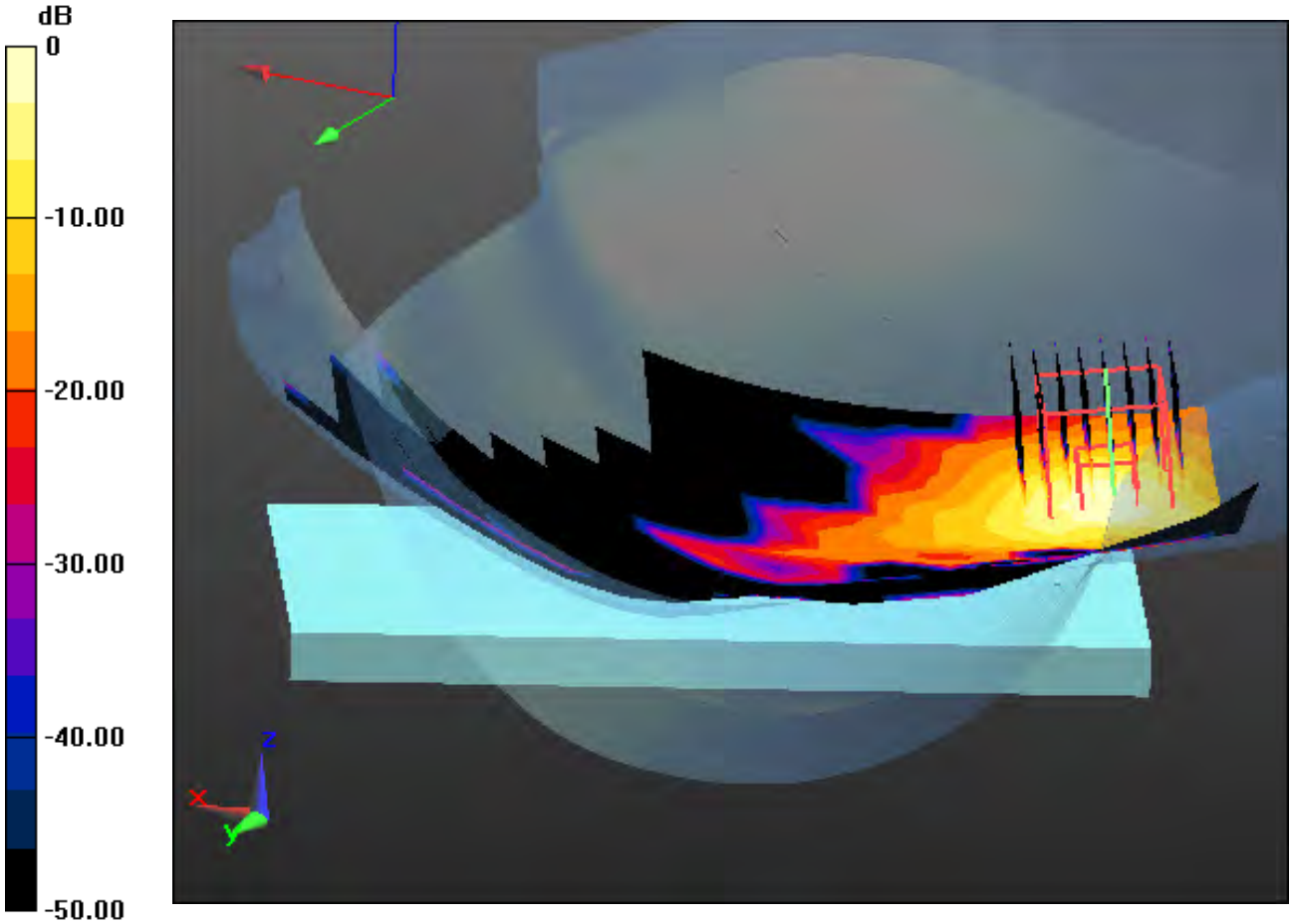
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.36 S/m; ε_r = 36.208; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(5.02, 5.02, 5.02); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

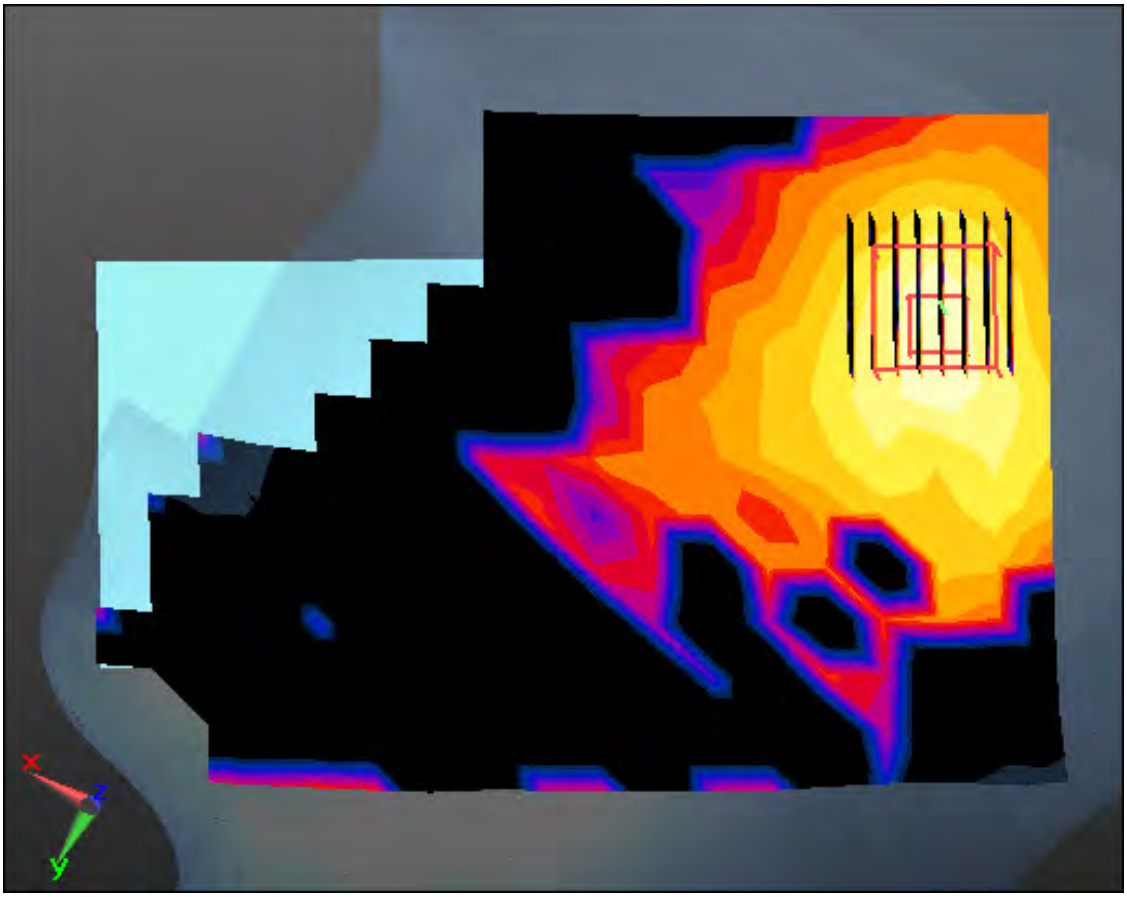
Test Date: 2020-02-21; Ambient Temp: 20.3; Tissue Temp: 20.5

Right Touch, WLAN(802.11a) Ch. 157, Ant Internal, 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 = 0.16 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.118 W/kg



0 dB = 1.19 W/kg



Enlarged Plot for A19

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

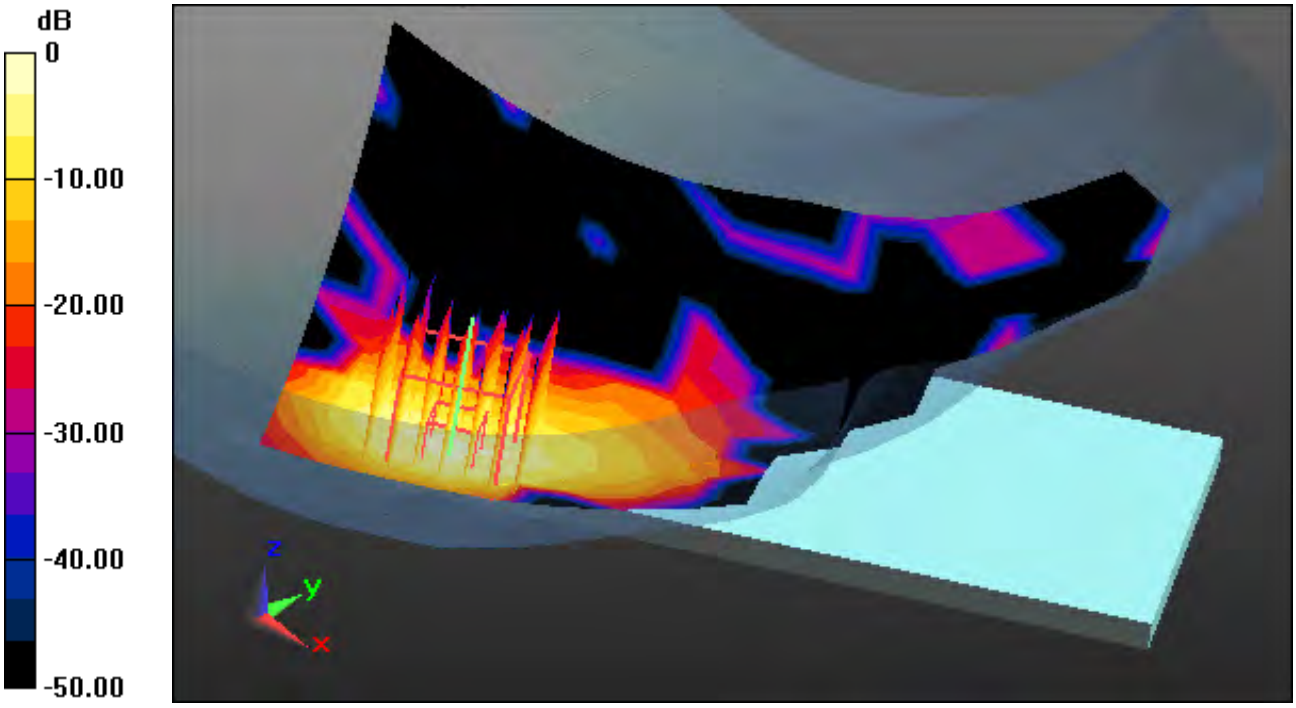
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.834 S/m; ε_r = 40.449; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.66, 7.66, 7.66); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

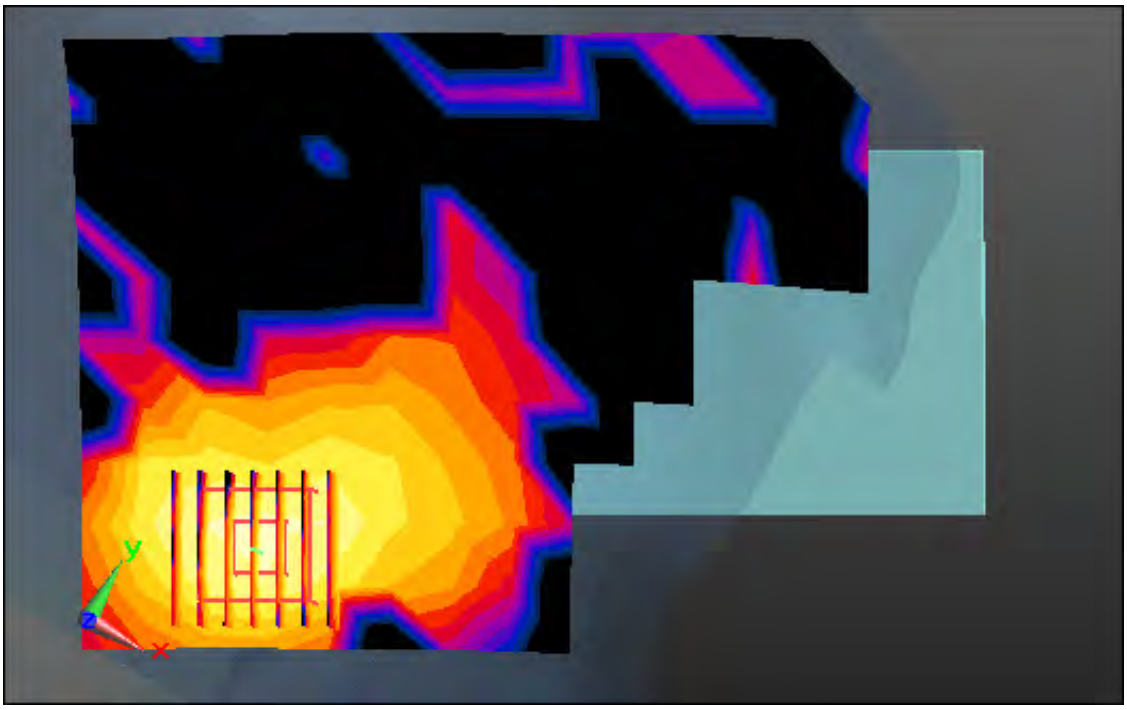
Test Date: 2020-02-12; Ambient Temp: 21.2; Tissue Temp: 21.1

Right 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) = 0.441 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.288 W/kg



Enlarged Plot for A20

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

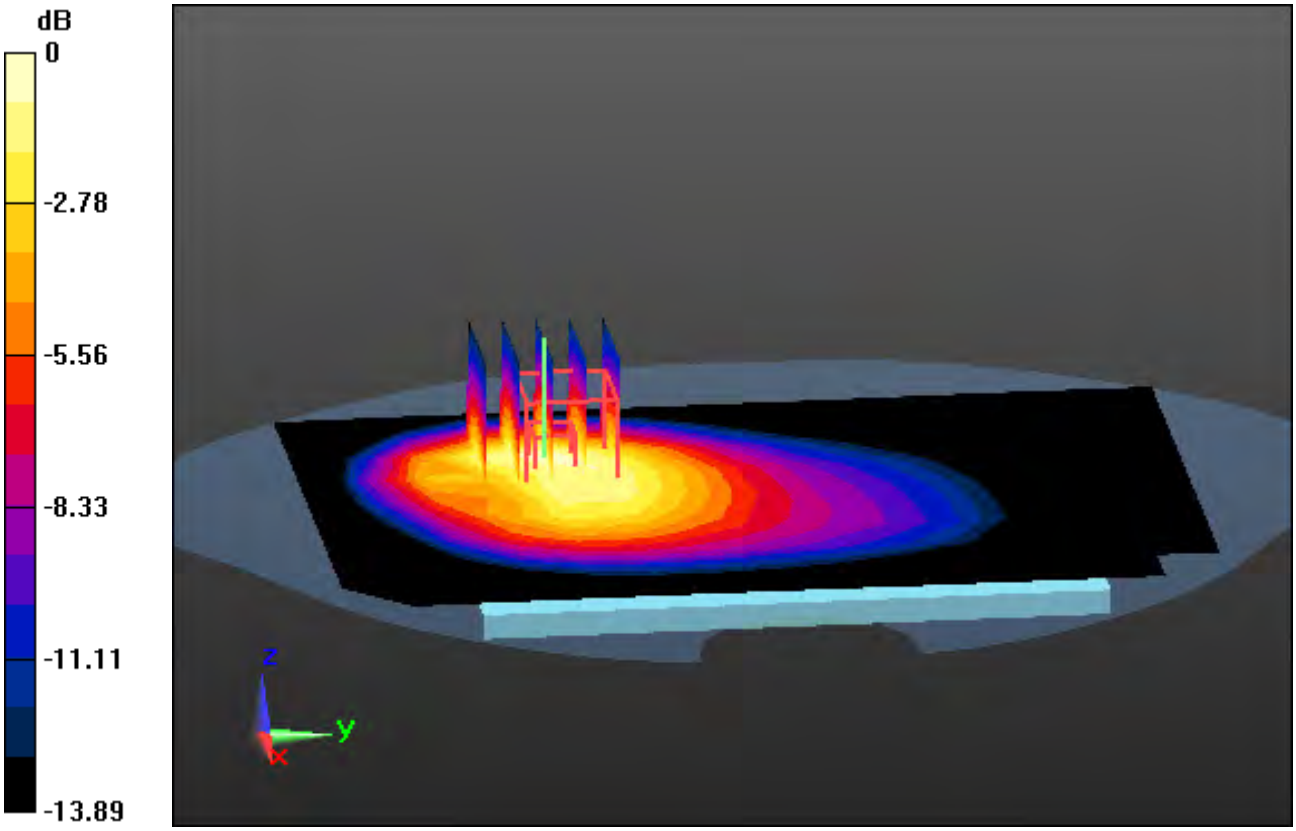
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 1.006 S/m; ε_r = 57.213; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

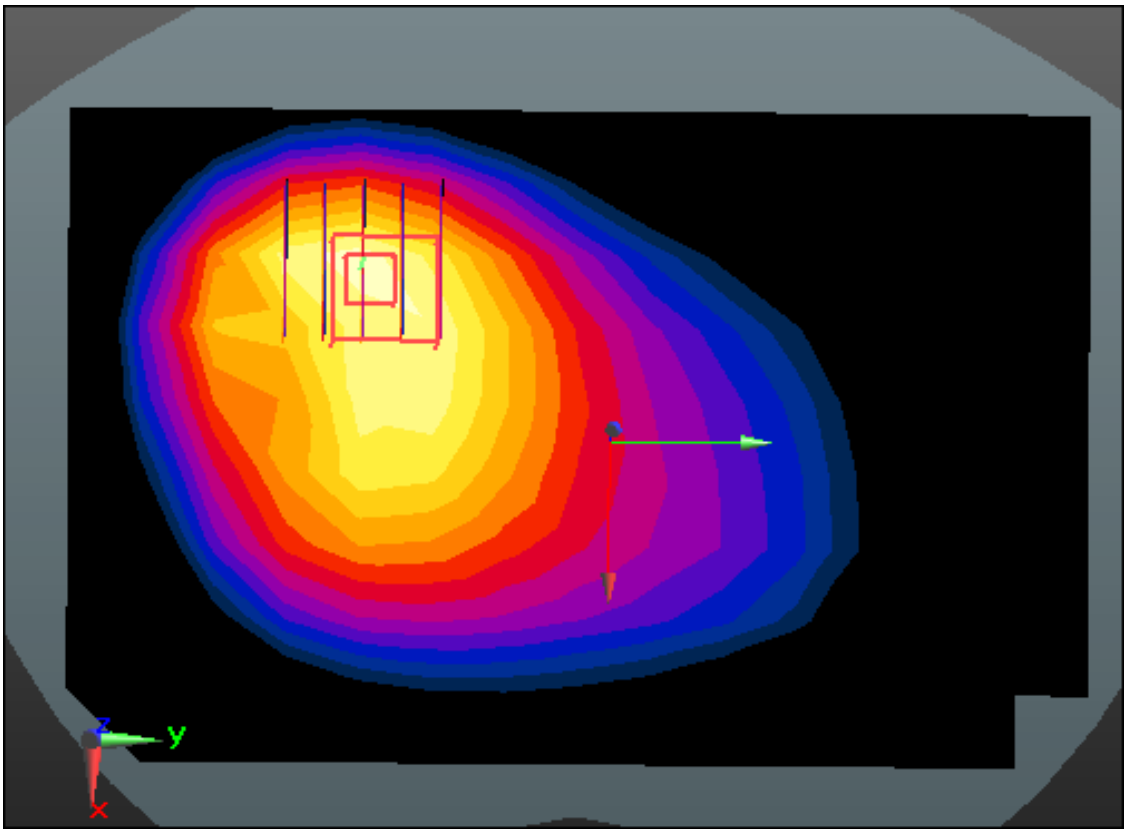
Test Date: 2020-02-11; Ambient Temp: 22.2; Tissue Temp: 22.6

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

Area Scan (10x15x1): 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) = 1.18 W/kg
SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.404 W/kg



0 dB = 0.919 W/kg



Enlarged Plot for A21

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

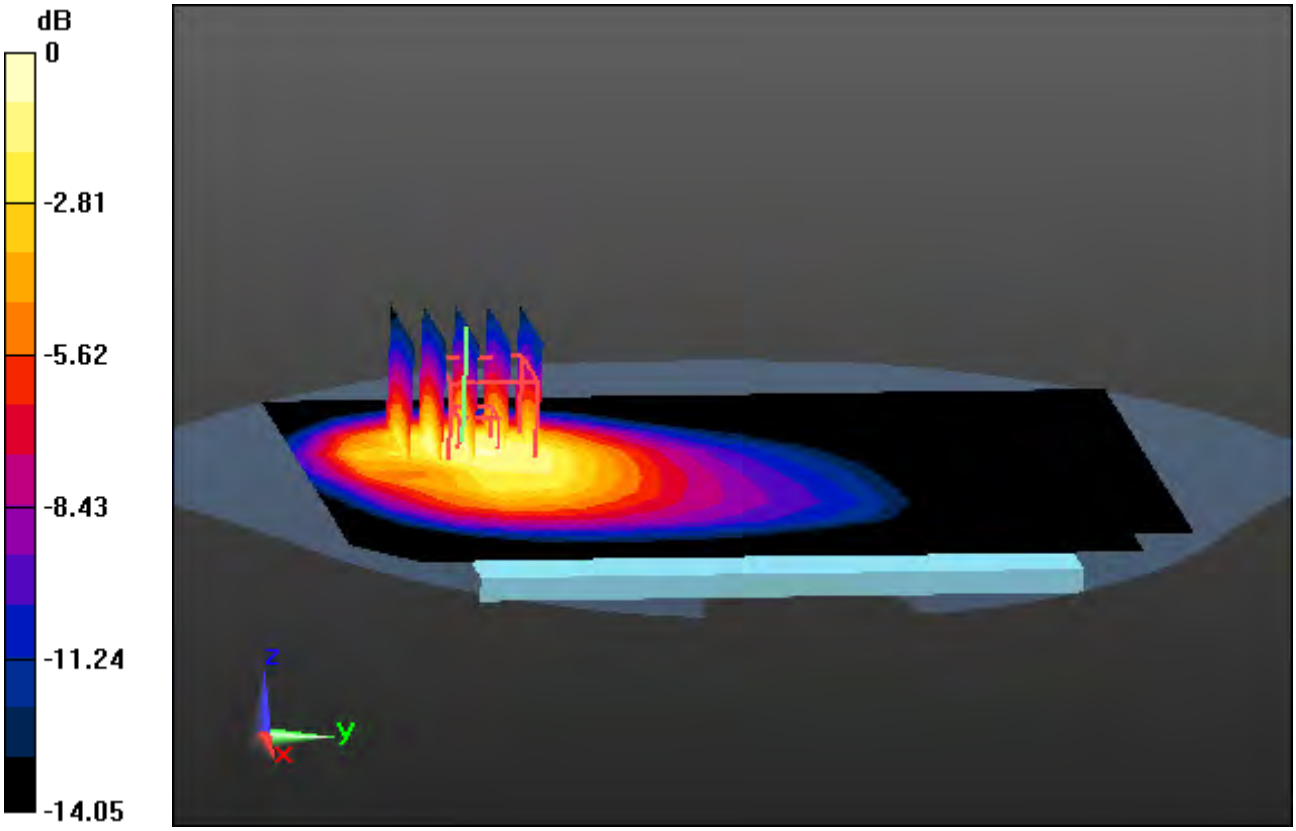
Communication System: UID 0, GSM 850_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 1.006 S/m; ε_r = 57.213; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

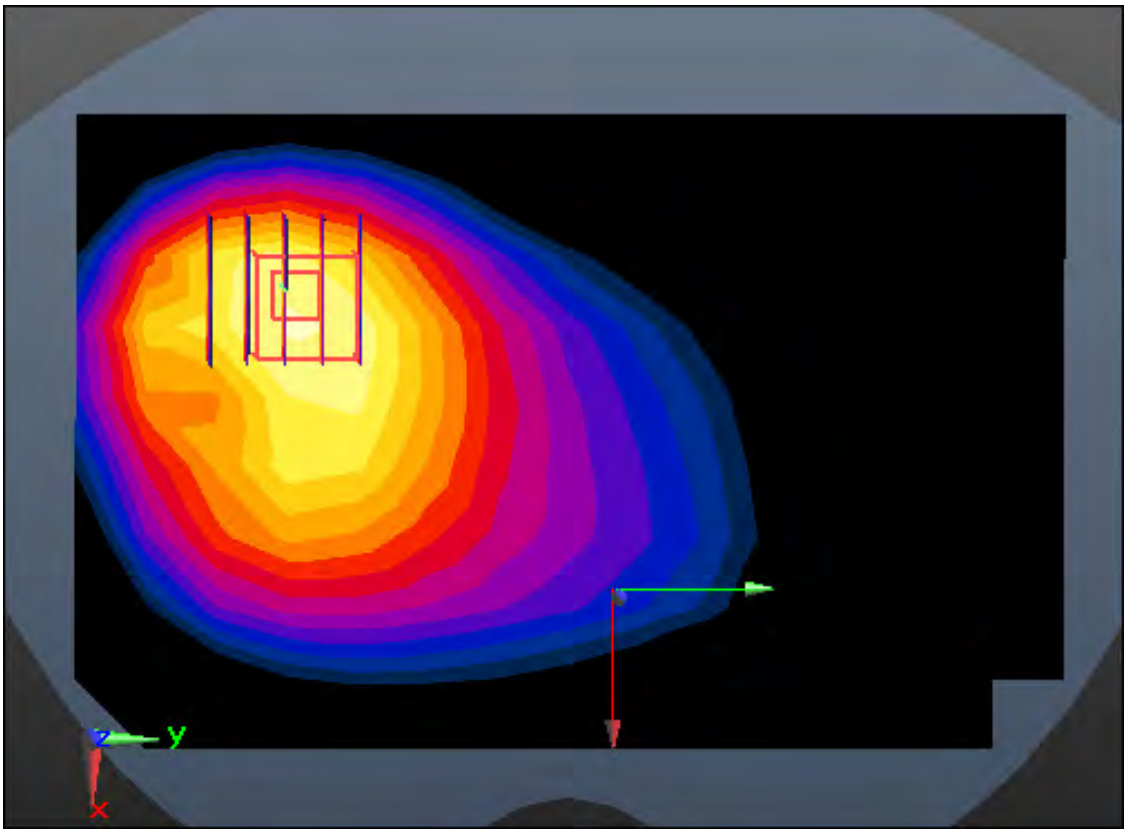
Test Date: 2020-02-11; Ambient Temp: 22.2; Tissue Temp: 22.6

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 190, Ant Internal

Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.406 W/kg



0 dB = 0.935 W/kg



Enlarged Plot for A22

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

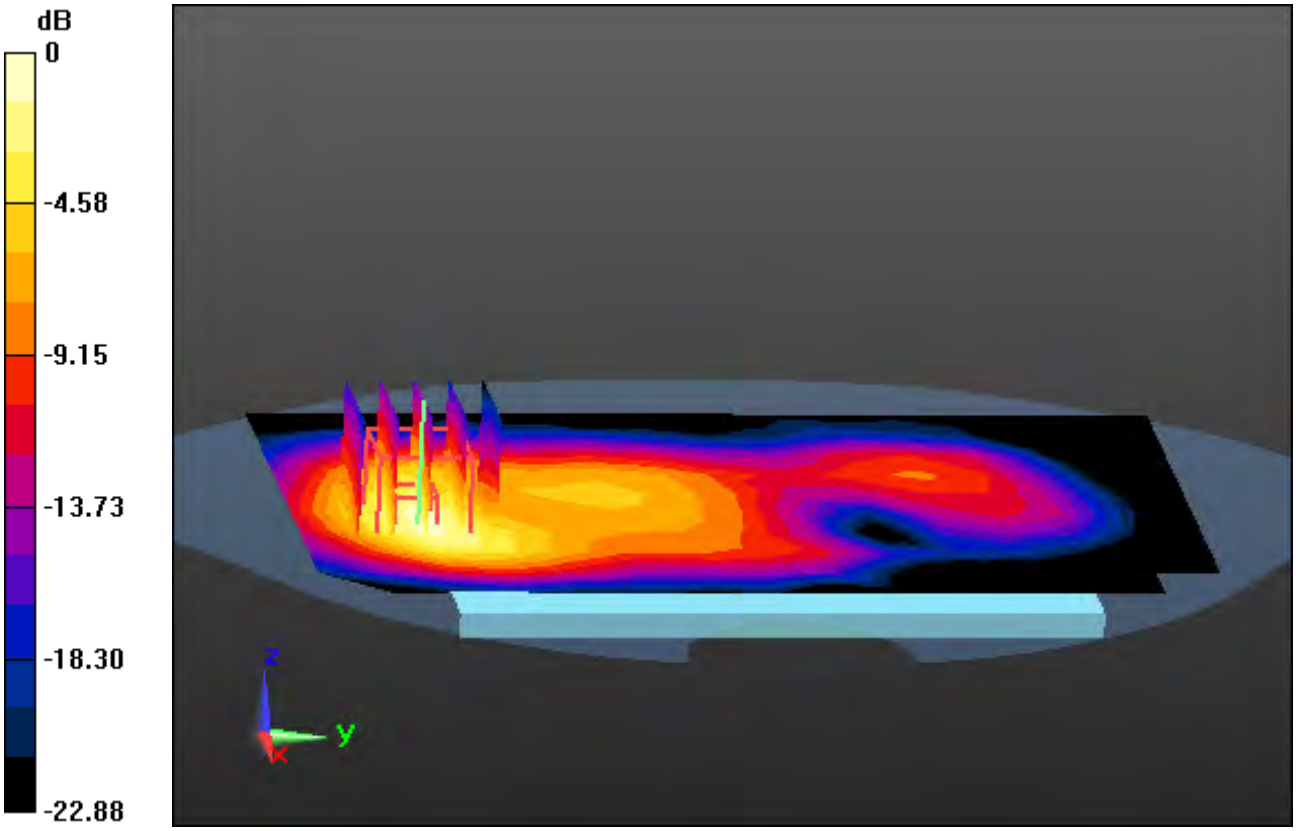
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 52.715; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.15, 8.15, 8.15); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

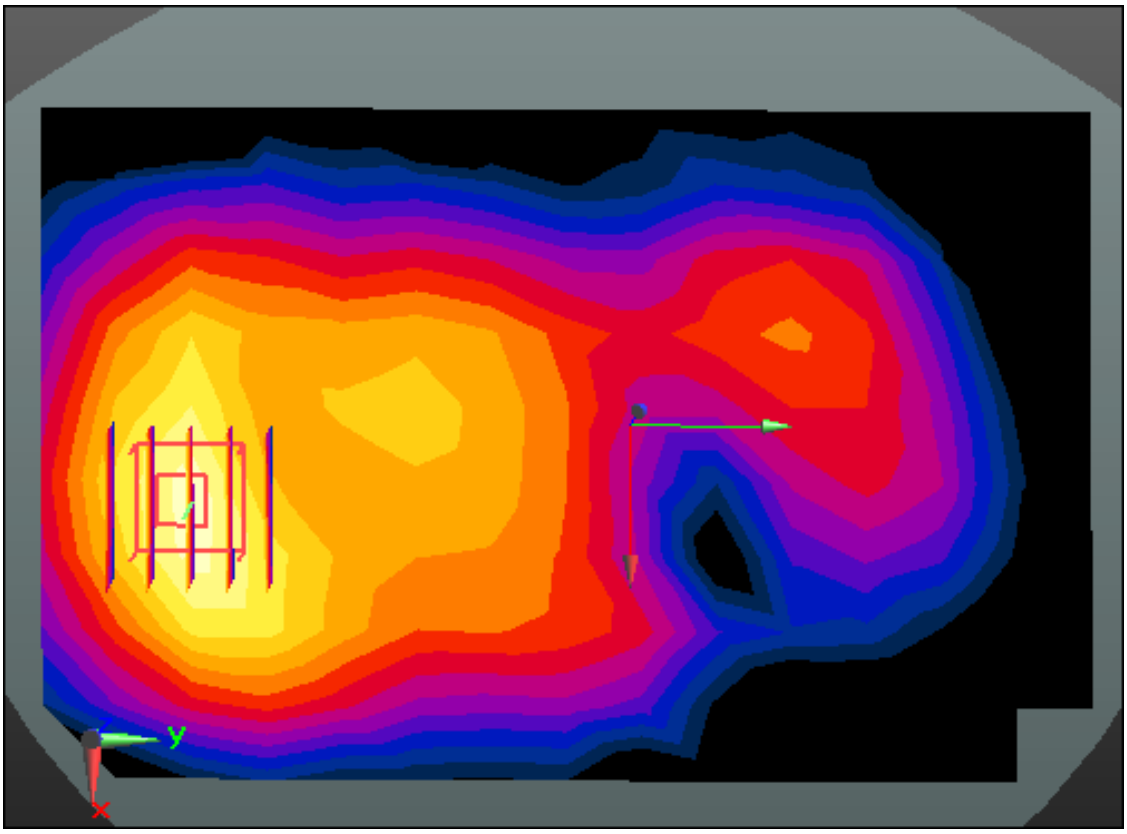
Test Date: 2020-02-12; Ambient Temp: 21.5; Tissue Temp: 21.3

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

Area Scan (10x15x1): 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) = 0.375 W/kg
SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.115 W/kg



0 dB = 0.290 W/kg



Enlarged Plot for A23

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

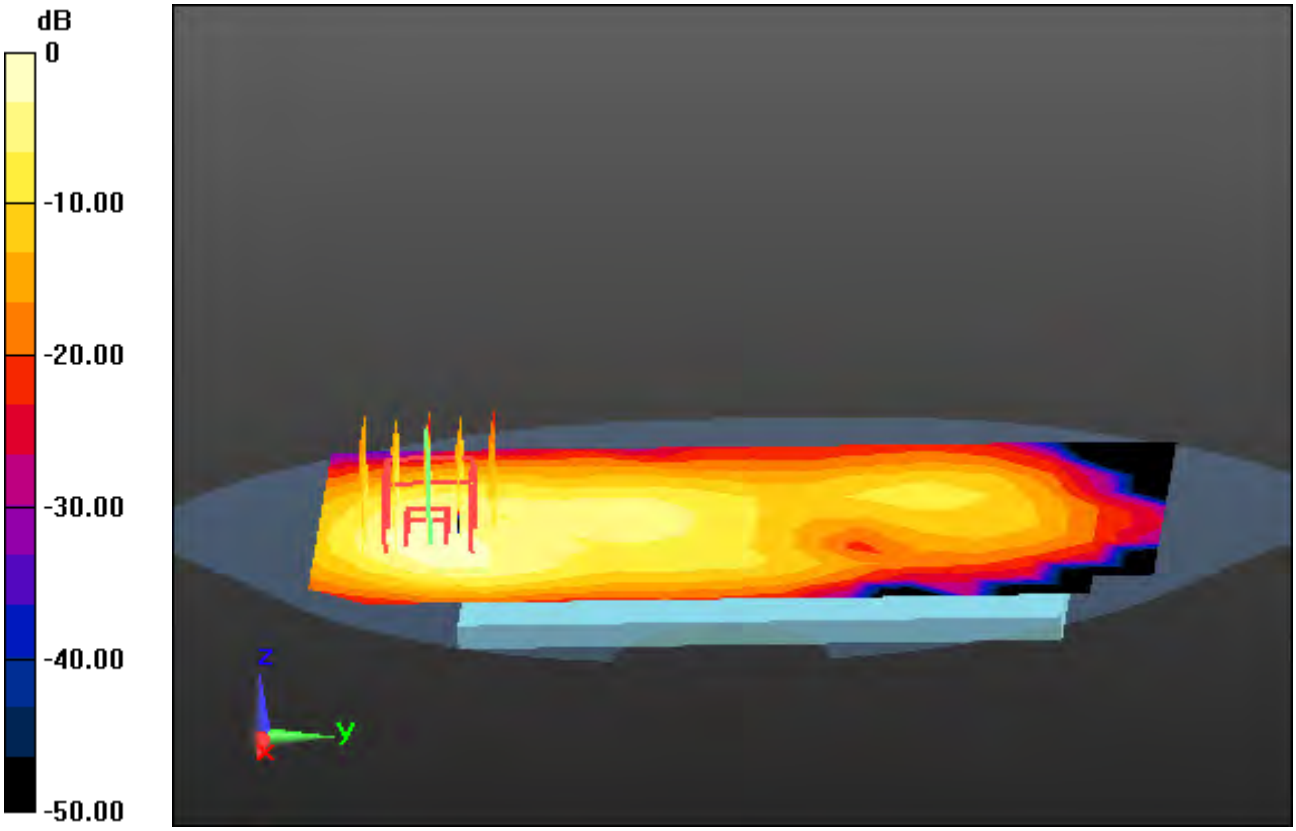
Communication System: UID 0, PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 52.715; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.15, 8.15, 8.15); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

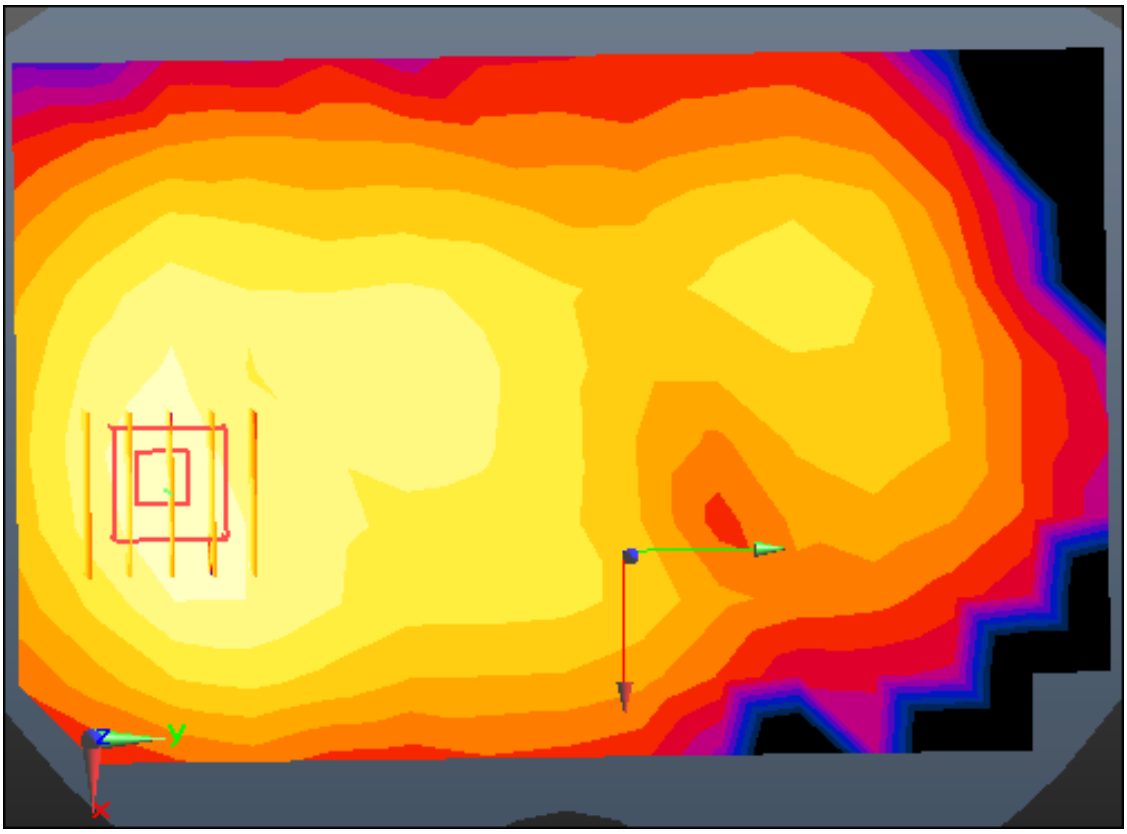
Test Date: 2020-02-12; Ambient Temp: 21.5; Tissue Temp: 21.3

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

Area Scan (10x15x1): 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) = 0.468 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.143 W/kg



0 dB = 0.341 W/kg



Enlarged Plot for A24

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

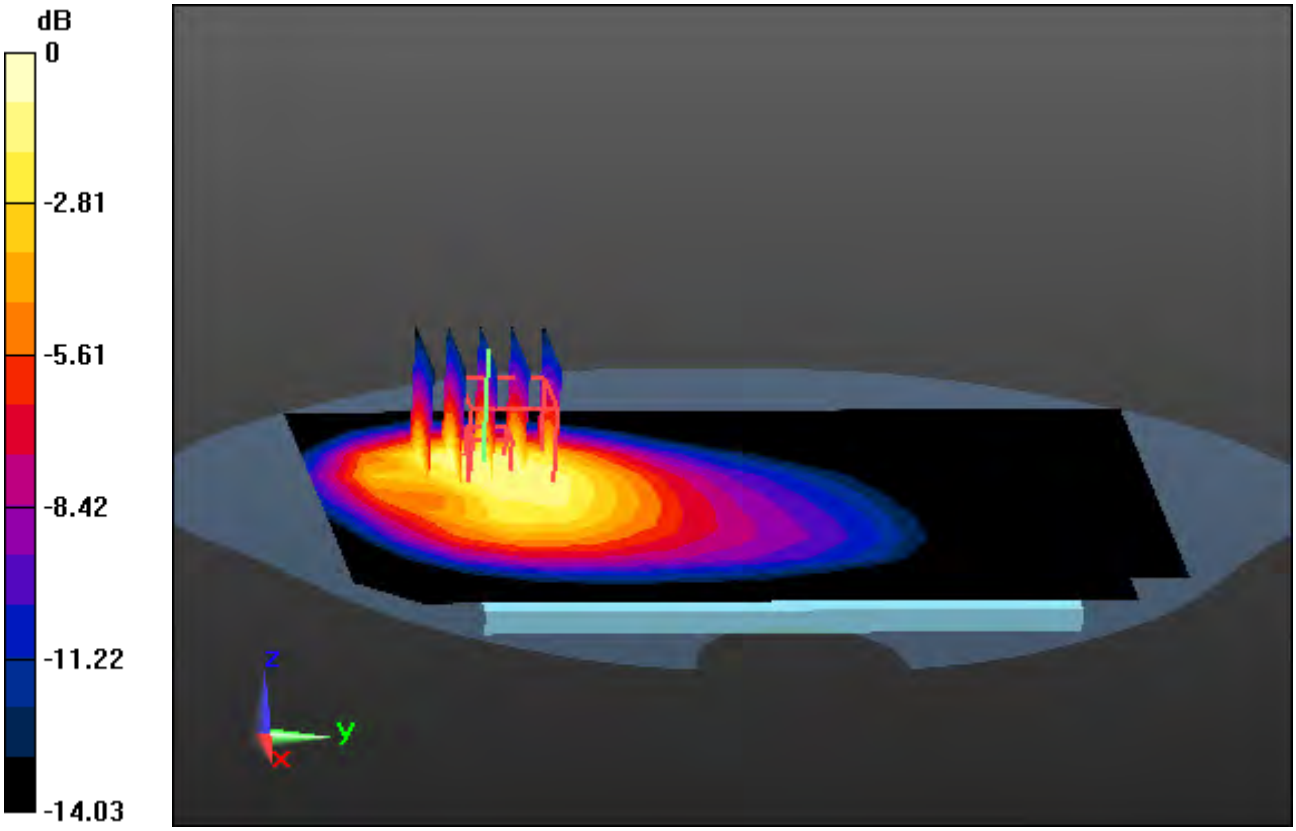
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 1.006 S/m; ε_r = 57.213; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

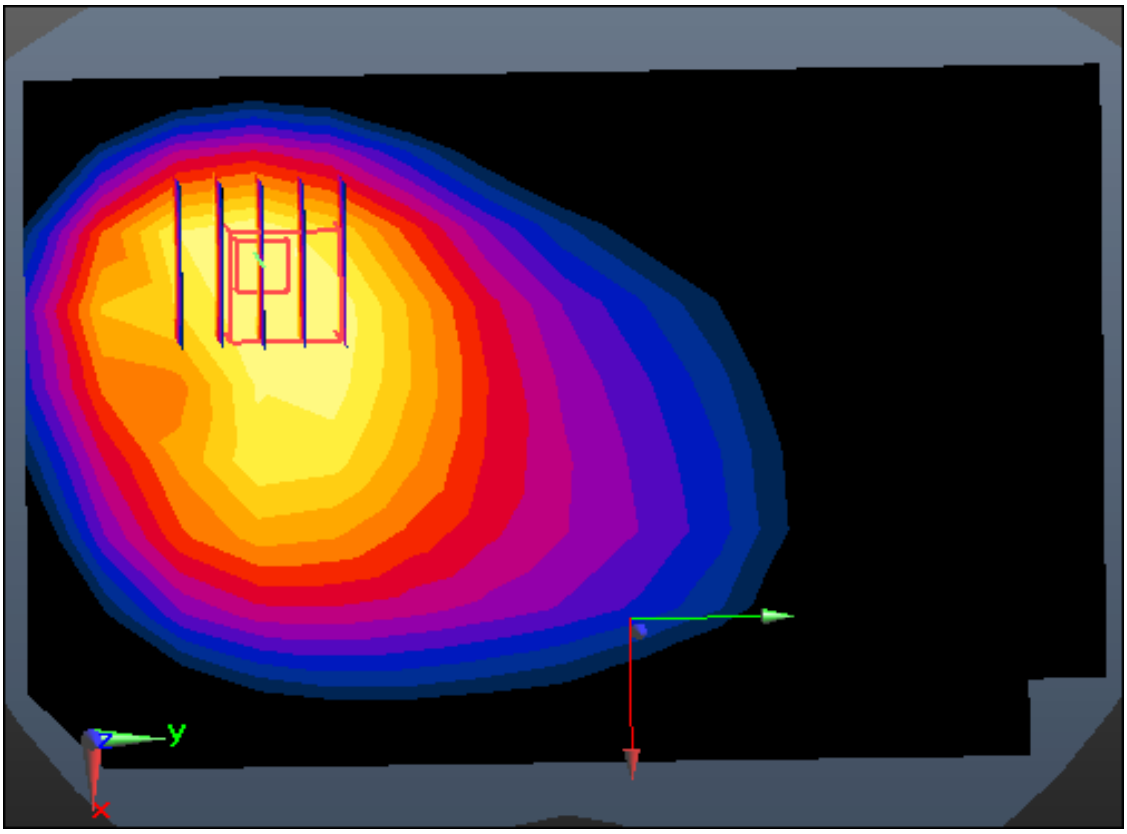
Test Date: 2020-02-11; Ambient Temp: 22.2; Tissue Temp: 22.6

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

Area Scan (10x15x1): 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) = 1.57 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.527 W/kg



0 dB = 1.22 W/kg



Enlarged Plot for A25

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.922 S/m; ε_r = 55.91; ρ = 1000 kg/m^3
Phantom section: Flat Section

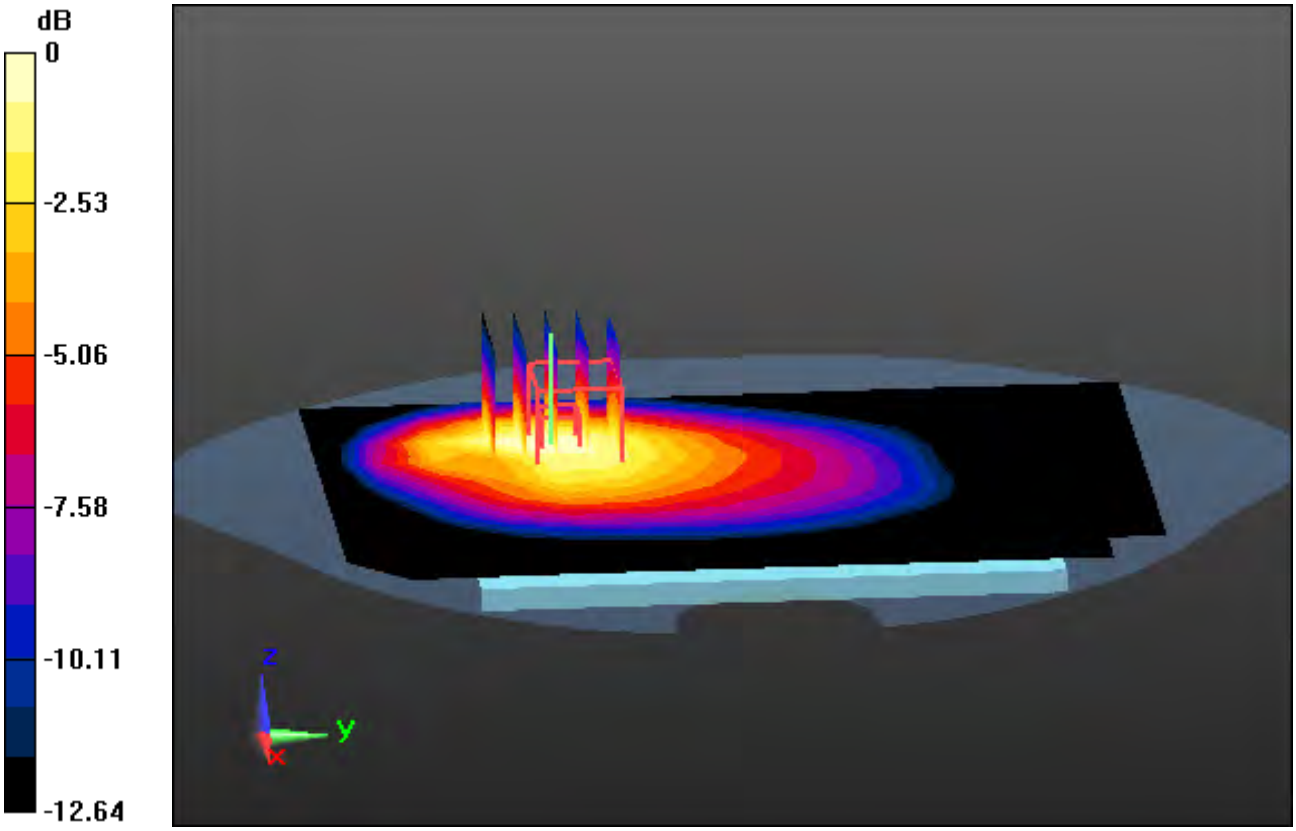
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.44, 10.44, 10.44); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-13; Ambient Temp: 22.1; Tissue Temp: 22.0

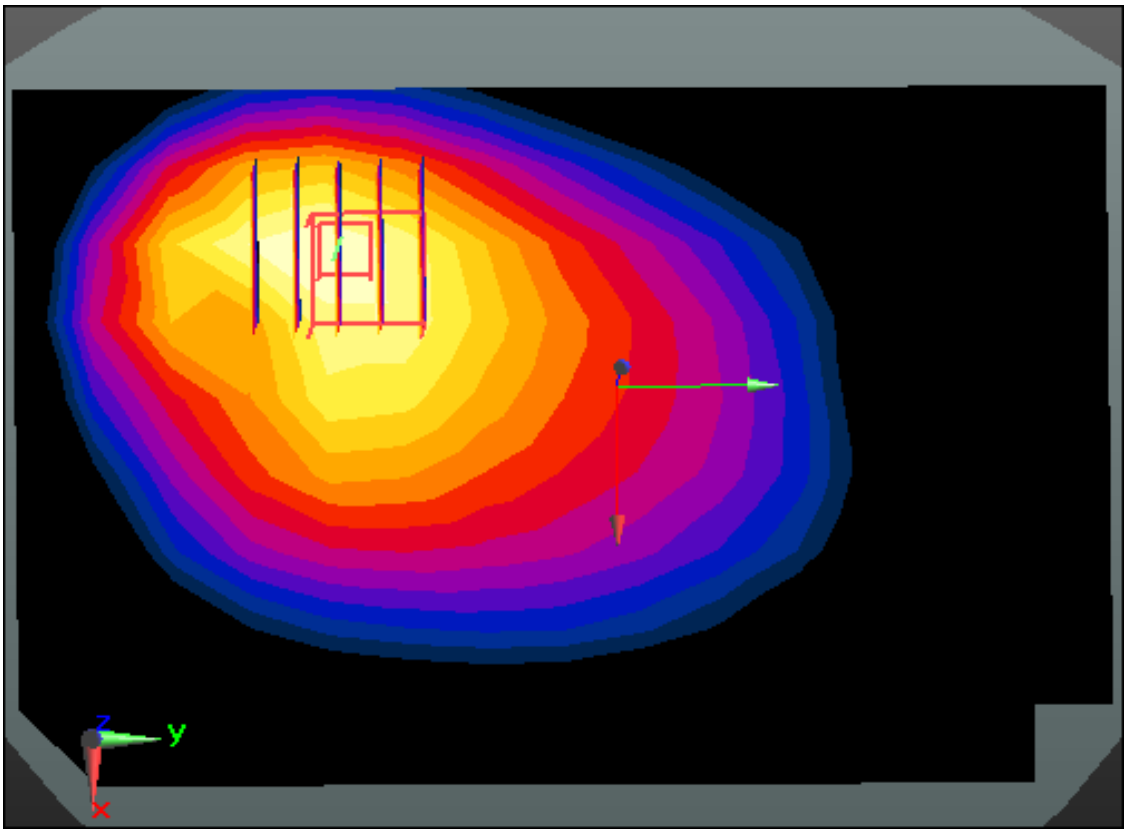
1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal

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

Area Scan (10x15x1): 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) = 0.816 W/kg
SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.319 W/kg



0 dB = 0.651 W/kg



Enlarged Plot for A26

DT&C Co., Ltd.

DUT: OA2006; 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 = 1.005 S/m; ε_r = 57.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

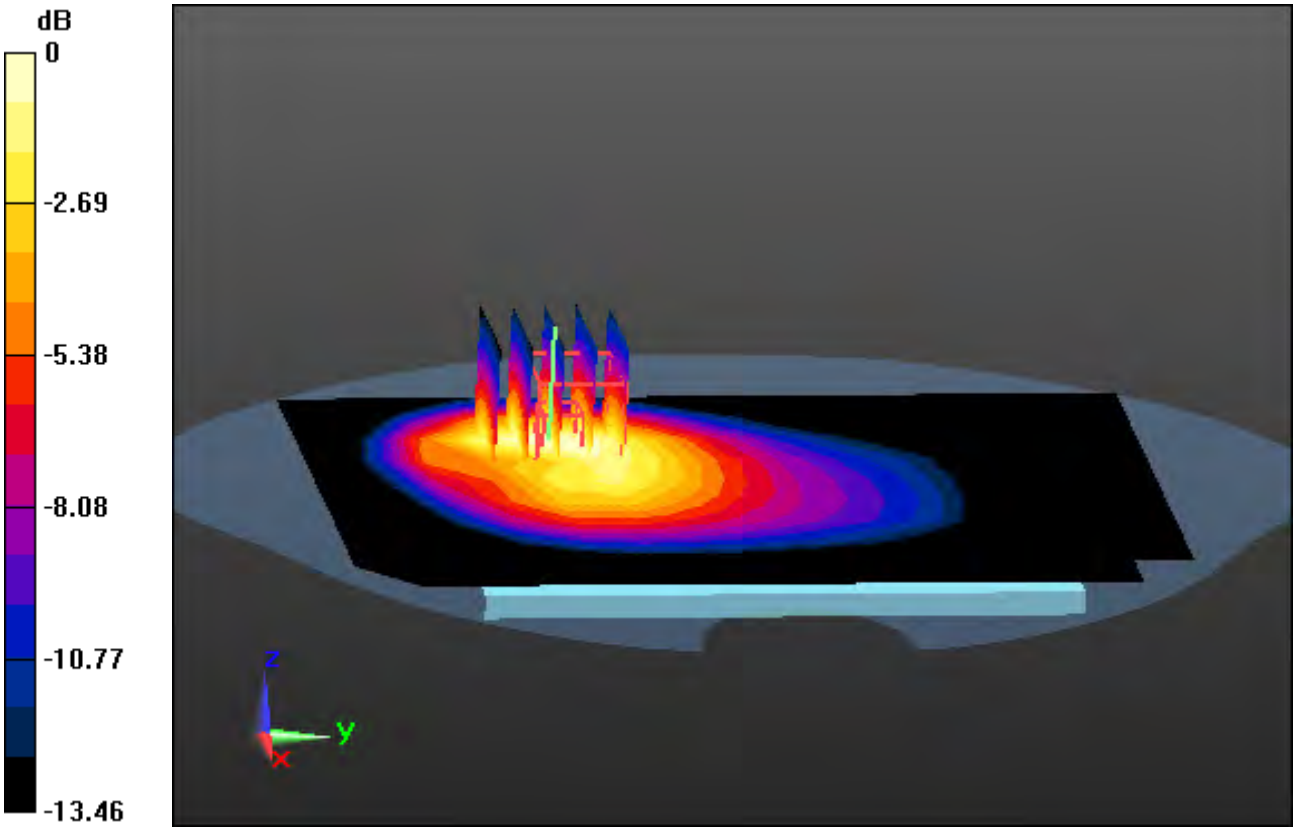
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-02-11; Ambient Temp: 22.2; Tissue Temp: 22.6

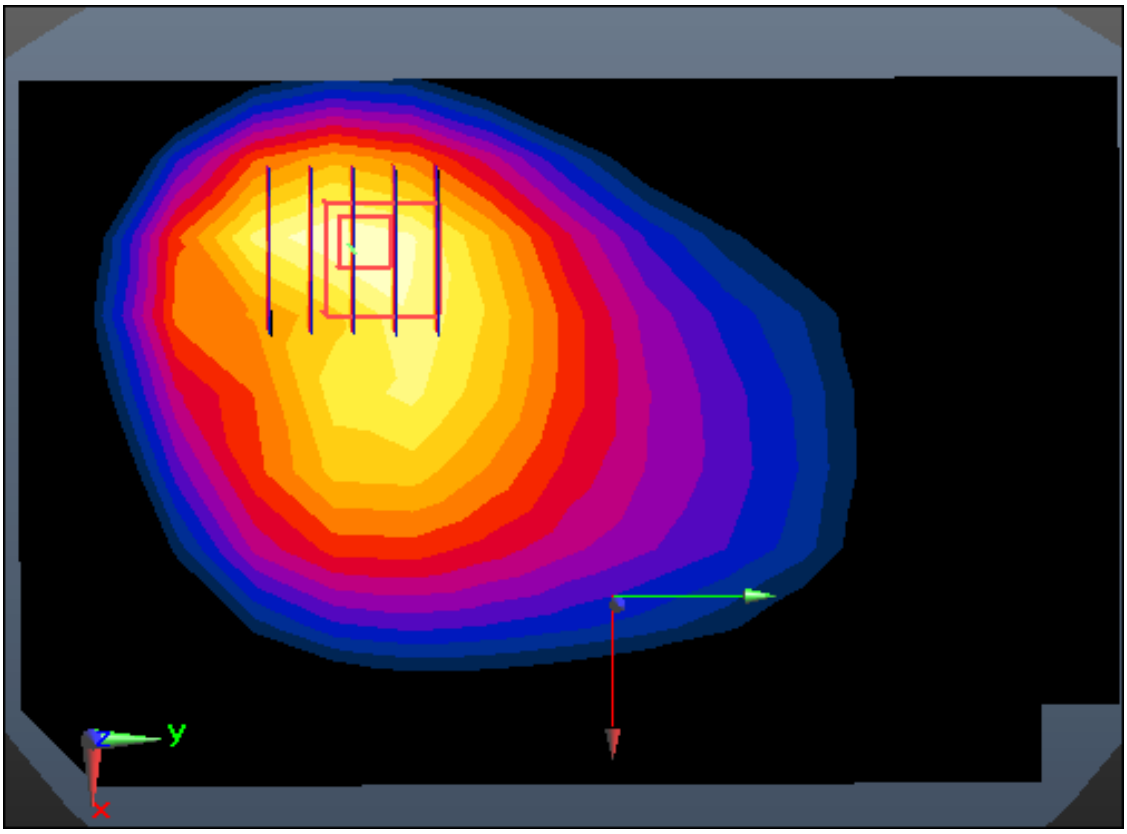
1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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

Area Scan (10x15x1): 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) = 1.81 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.617 W/kg



0 dB = 1.41 W/kg



Enlarged Plot for A27

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

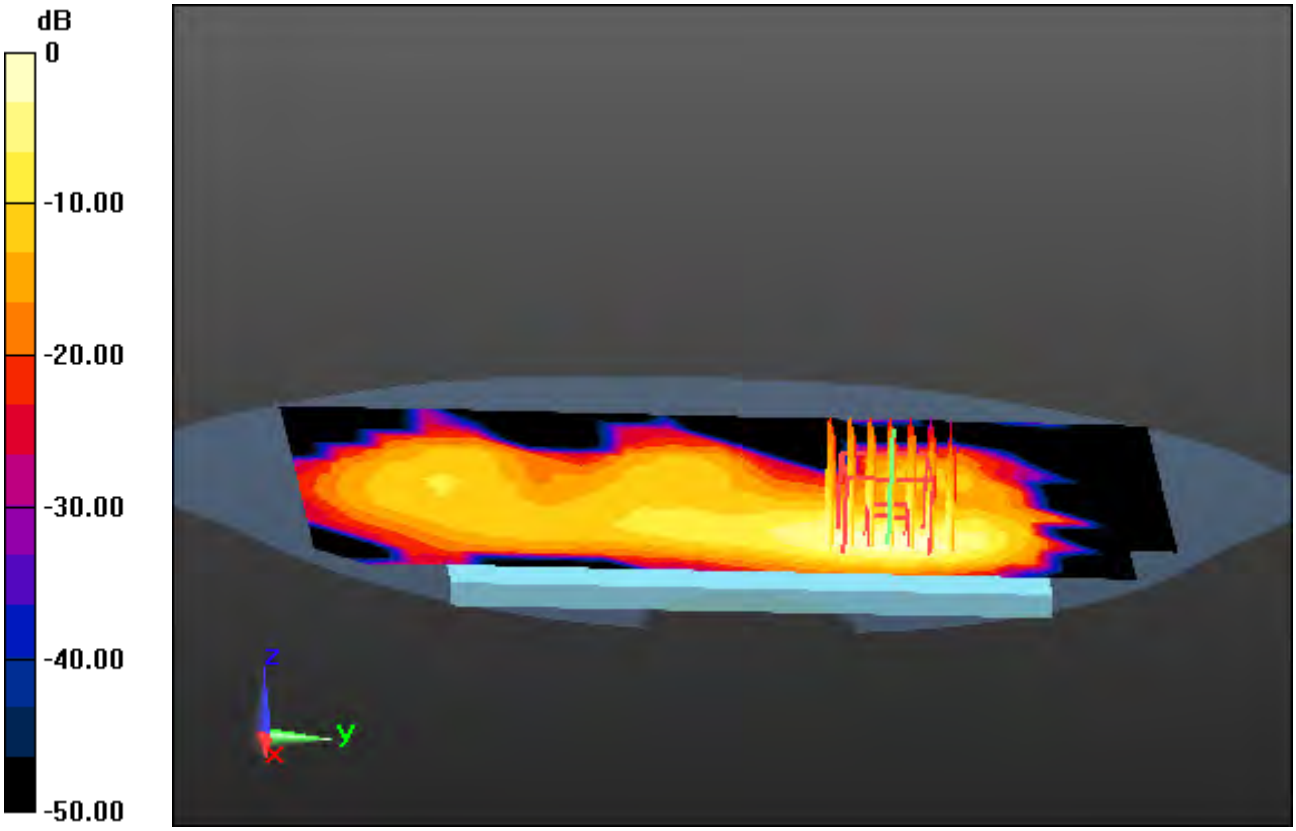
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.985 S/m; ε_r = 52.597; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

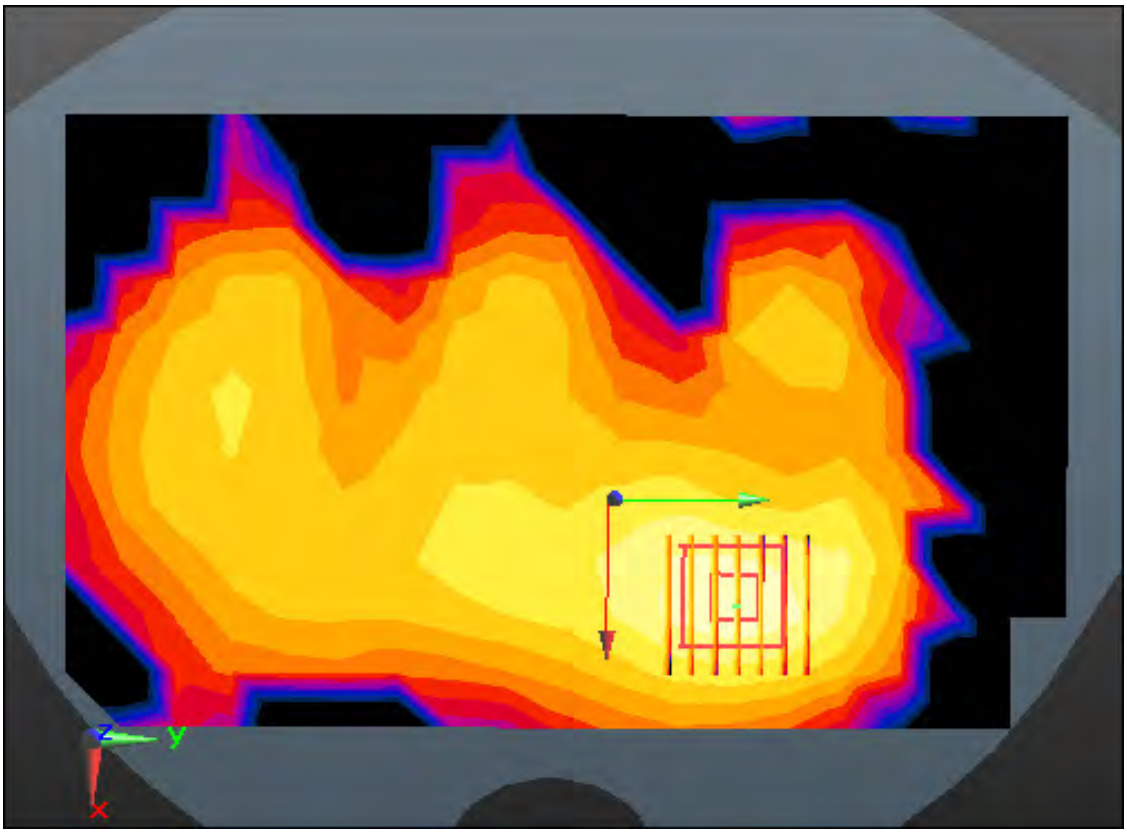
Test Date: 2020-02-14; Ambient Temp: 22.2; Tissue Temp: 22.0

1 cm space from Body, Rear, WLAN(802.11b) Ch. 6, 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 = 0.05 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.069 W/kg



0 dB = 0.232 W/kg



Enlarged Plot for A28

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

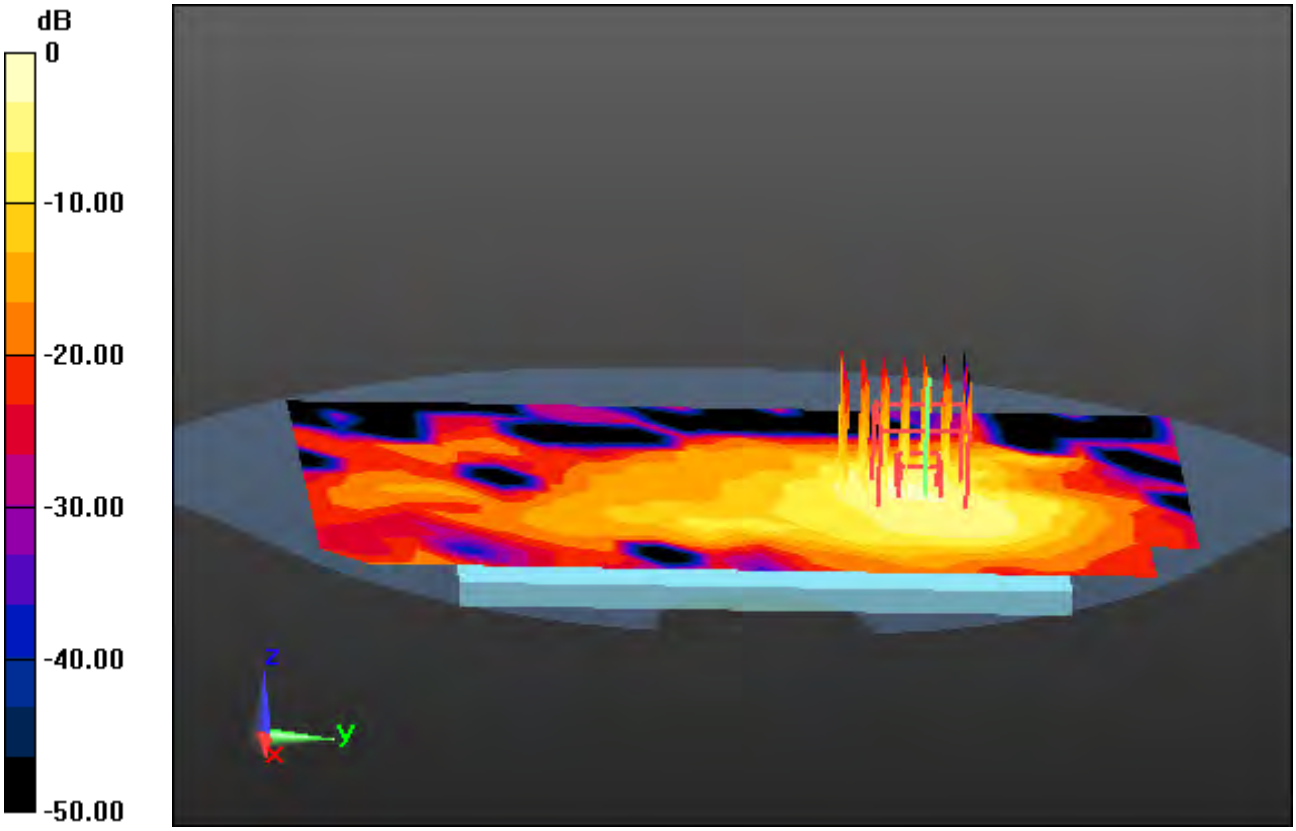
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.025 S/m; ε_r = 52.55; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

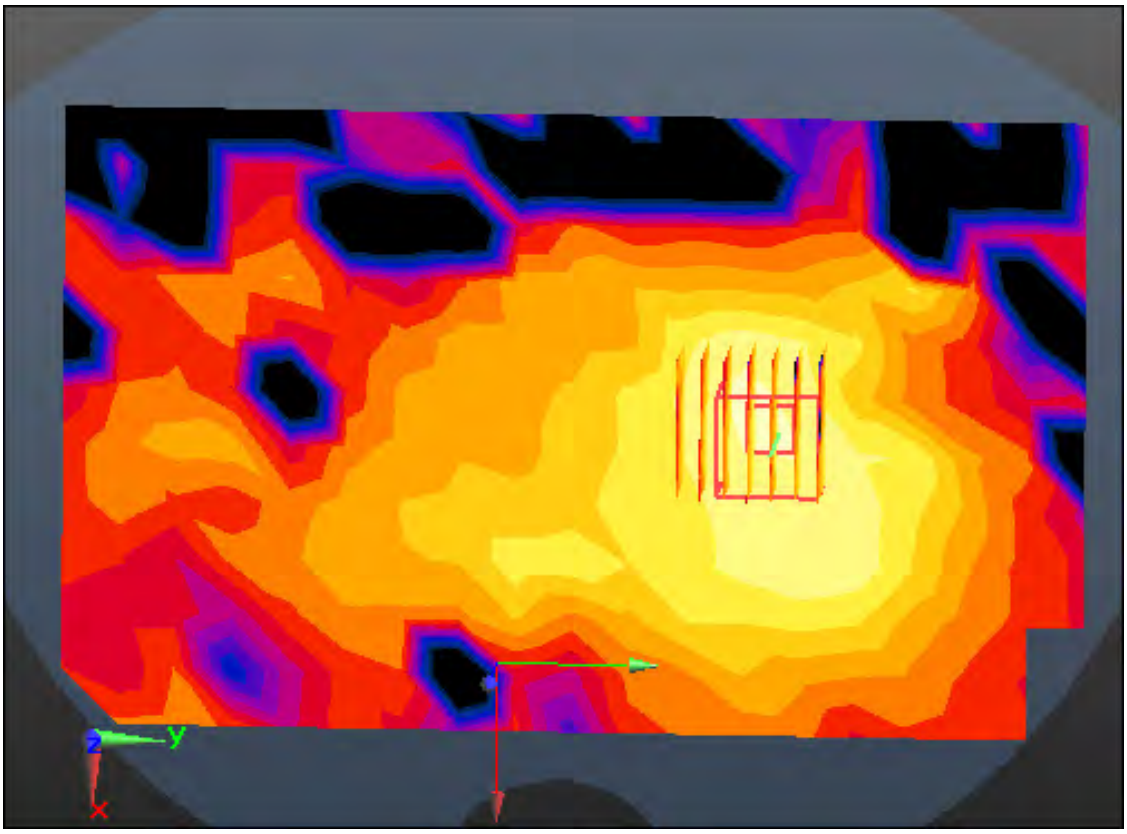
Test Date: 2020-02-14; Ambient Temp: 22.2; Tissue Temp: 22.0

1 cm space from Body, Rear, WLAN(802.11b) Ch. 11, 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 = -0.00 dB
Peak SAR (extrapolated) = 0.0820 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.110 W/kg



Enlarged Plot for A29

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

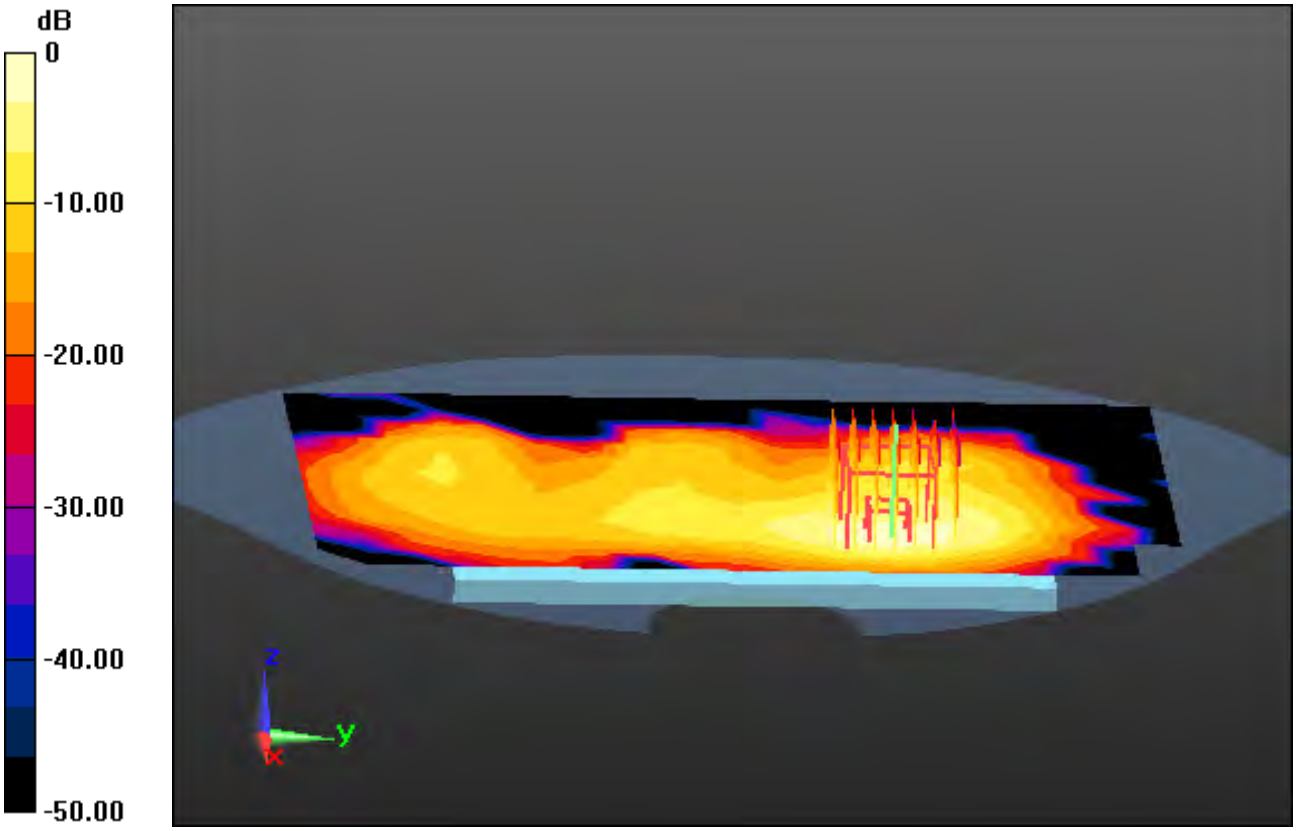
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.985 S/m; ε_r = 52.597; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

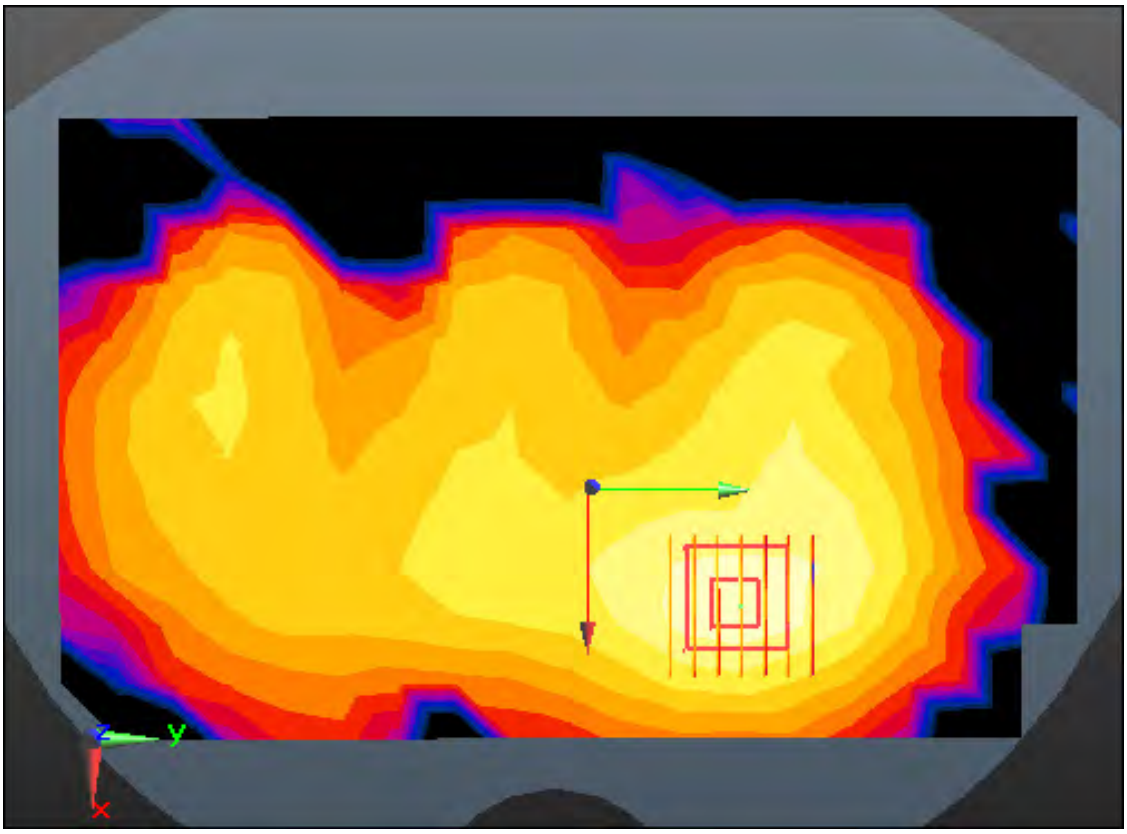
Test Date: 2020-02-14; Ambient Temp: 22.2; Tissue Temp: 22.0

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 = -0.10 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.070 W/kg



0 dB = 0.238 W/kg



Enlarged Plot for A30

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

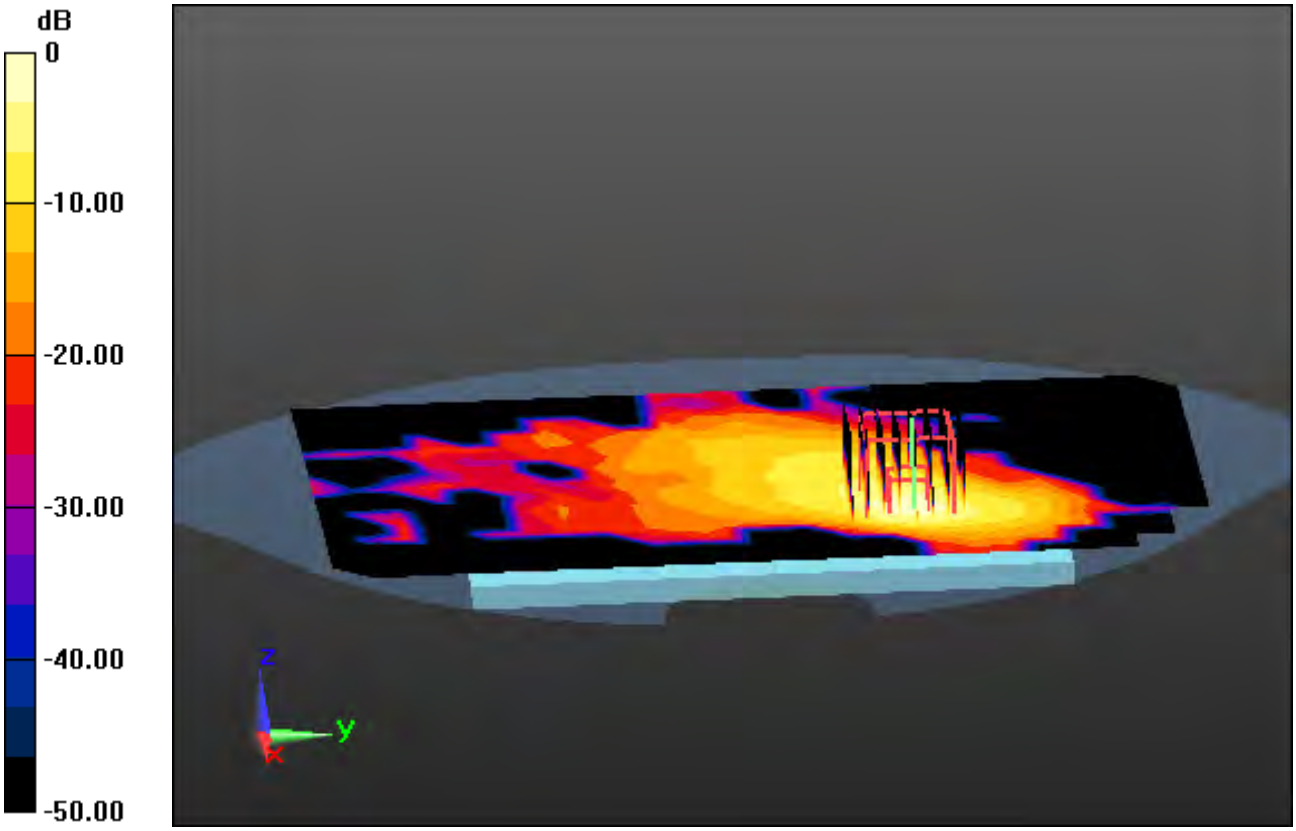
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.274 S/m; ε_r = 47.666; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

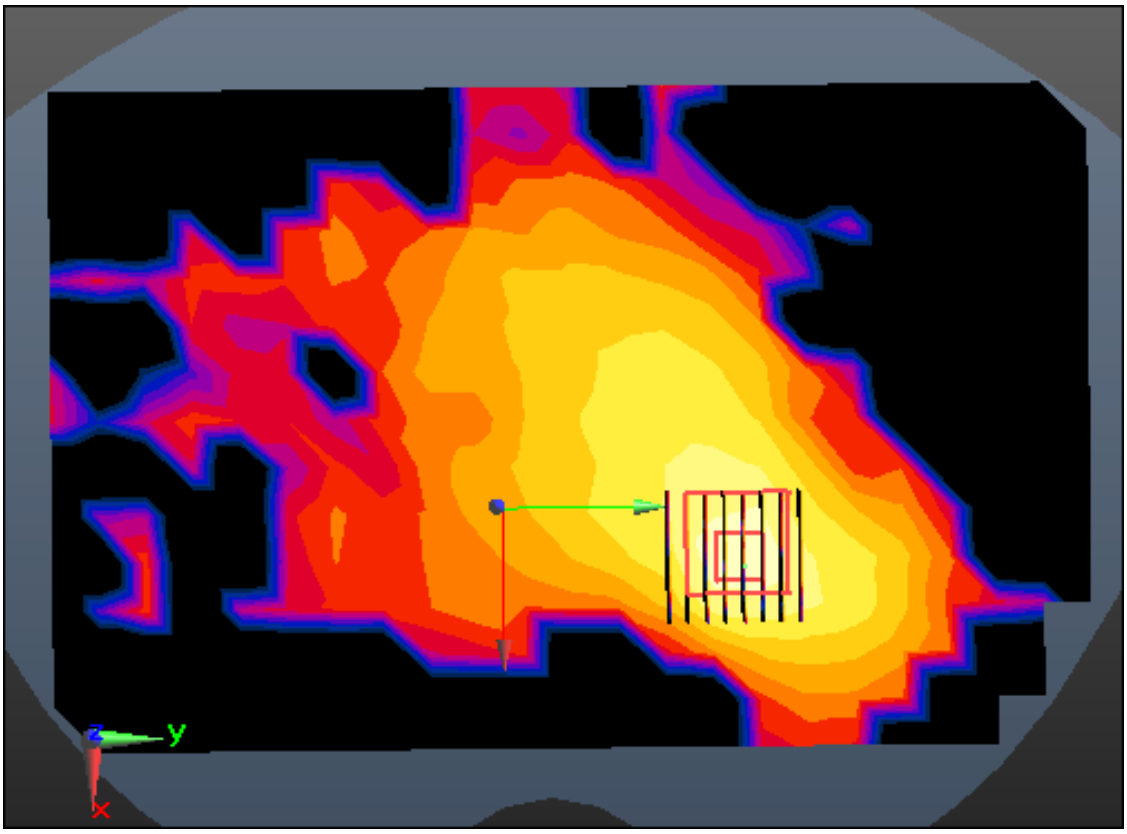
Test Date: 2020-02-24; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, Rear, WLAN(802.11a) Ch. 64, 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) = 0.628 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.044 W/kg



0 dB = 0.370 W/kg



Enlarged Plot for A31

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

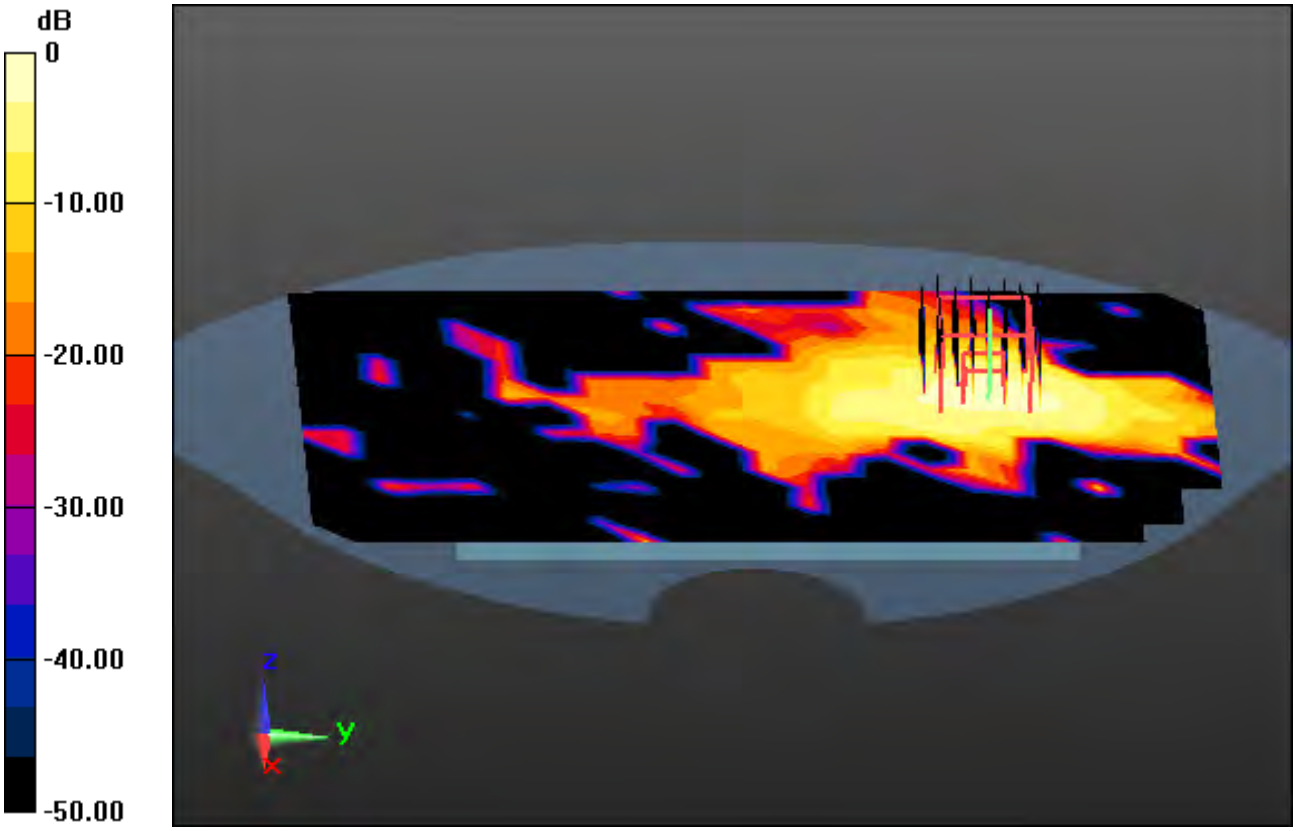
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.211 S/m; ε_r = 47.58; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

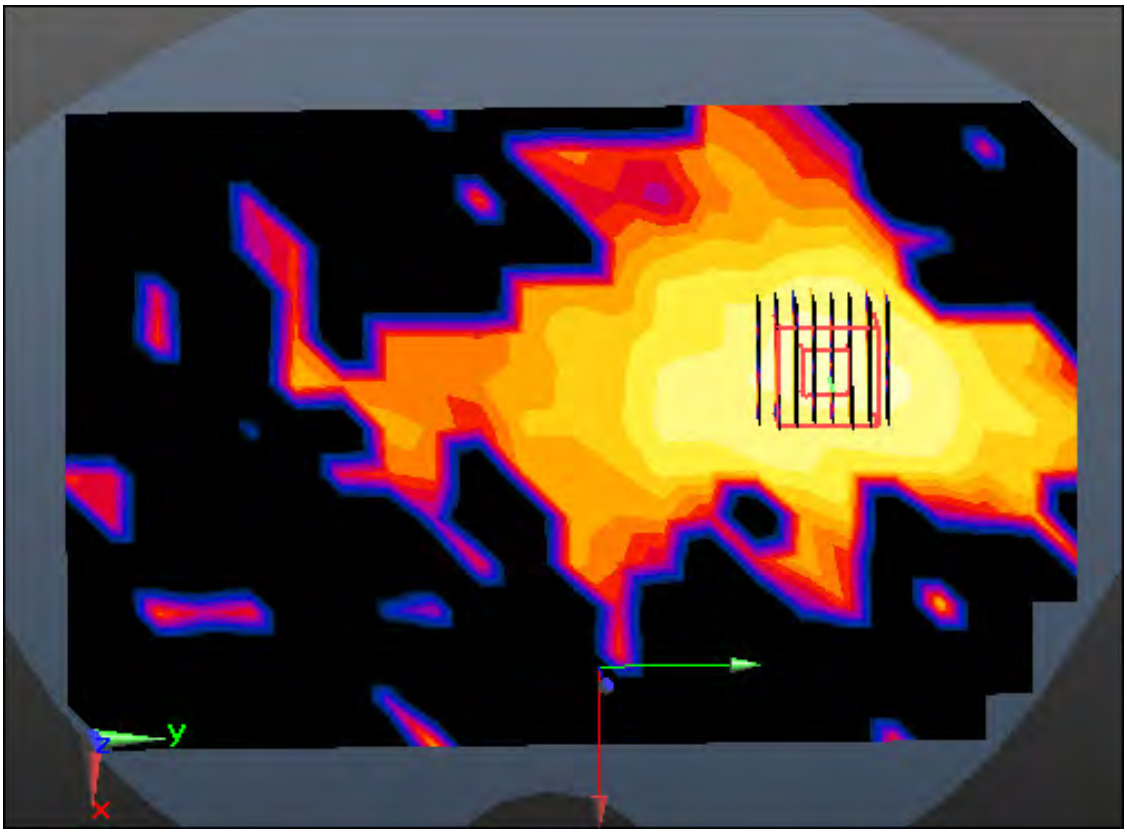
Test Date: 2020-02-24; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, Front, WLAN(802.11a) Ch. 52, 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 = -0.02 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.011 W/kg



0 dB = 0.0909 W/kg



Enlarged Plot for A32

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

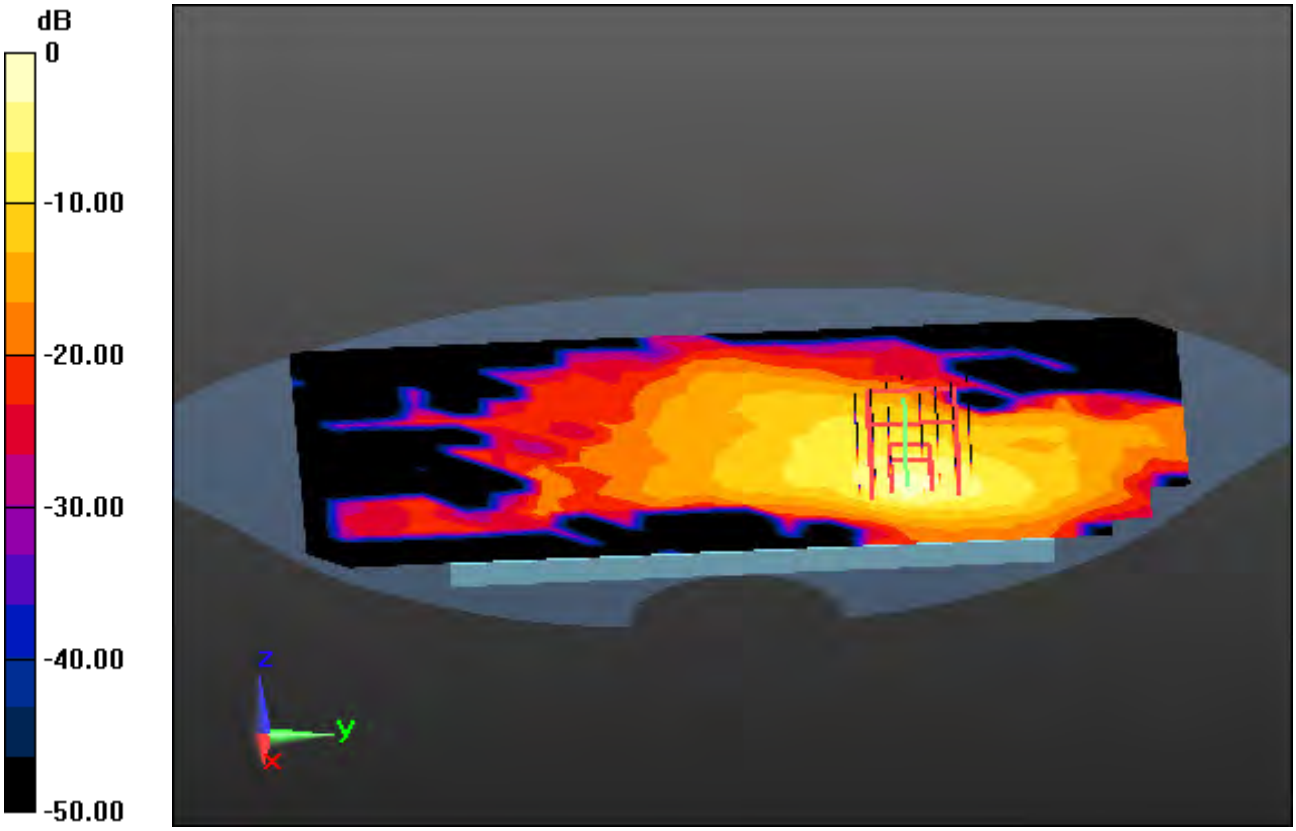
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.211 S/m; ε_r = 47.58; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

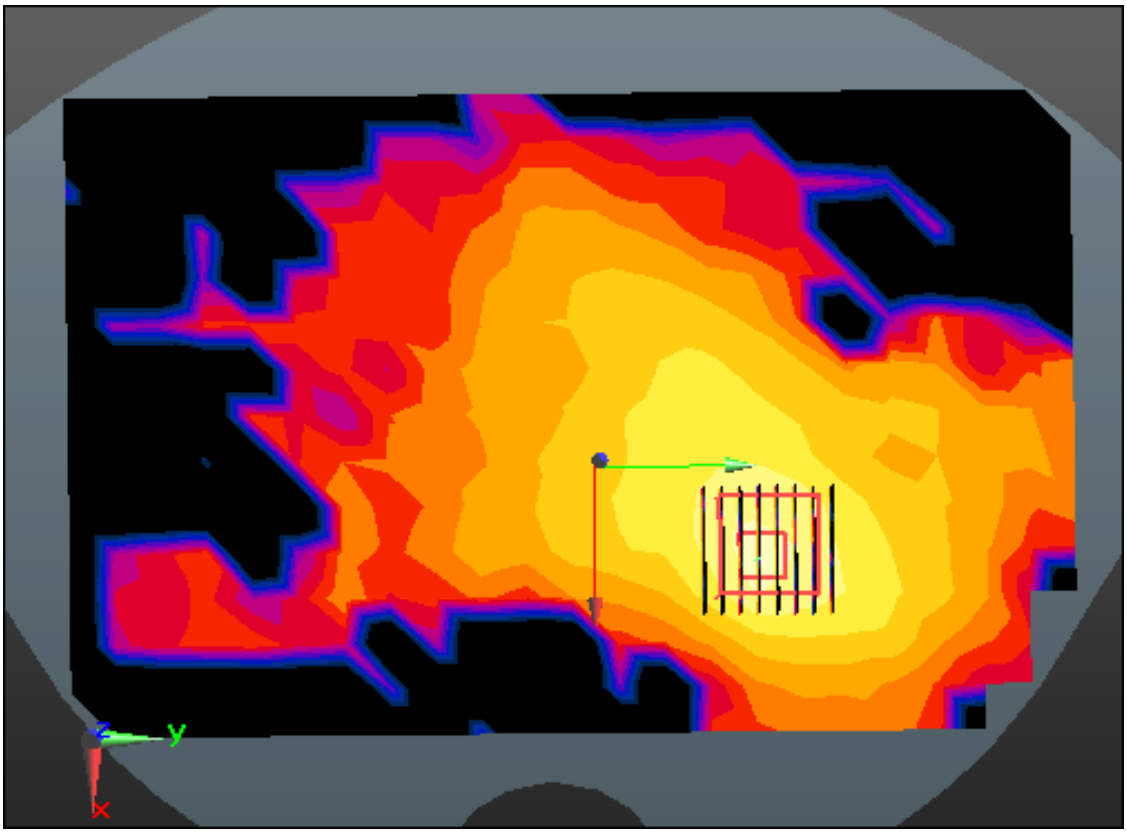
Test Date: 2020-02-24; Ambient Temp: 21.9; Tissue Temp: 22.1

1 cm space from Body, Rear, WLAN(802.11a) Ch. 52, 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 = -0.01 dB
Peak SAR (extrapolated) = 0.685 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.424 W/kg



Enlarged Plot for A33

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

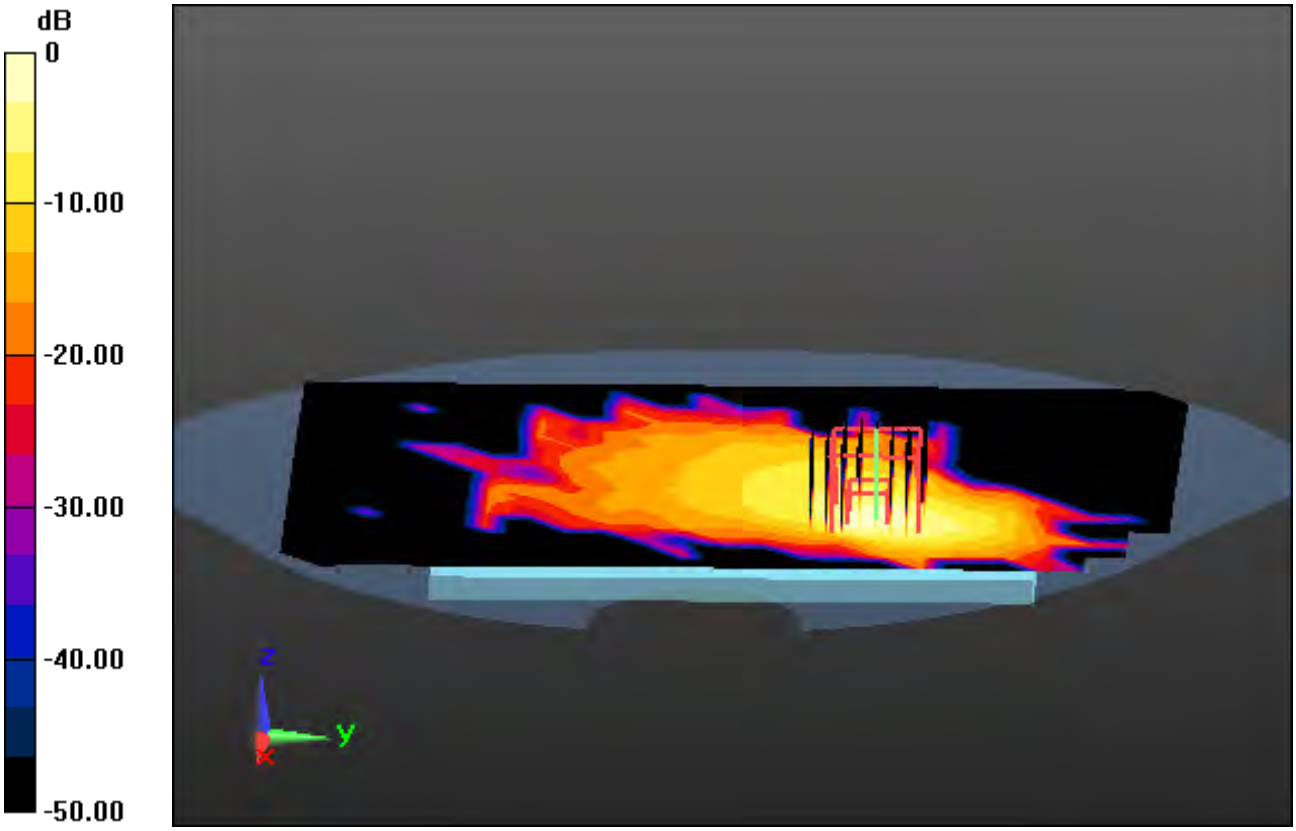
Communication System: UID 0, W-LAN_5500 (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.503 S/m; ε_r = 46.977; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2; Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

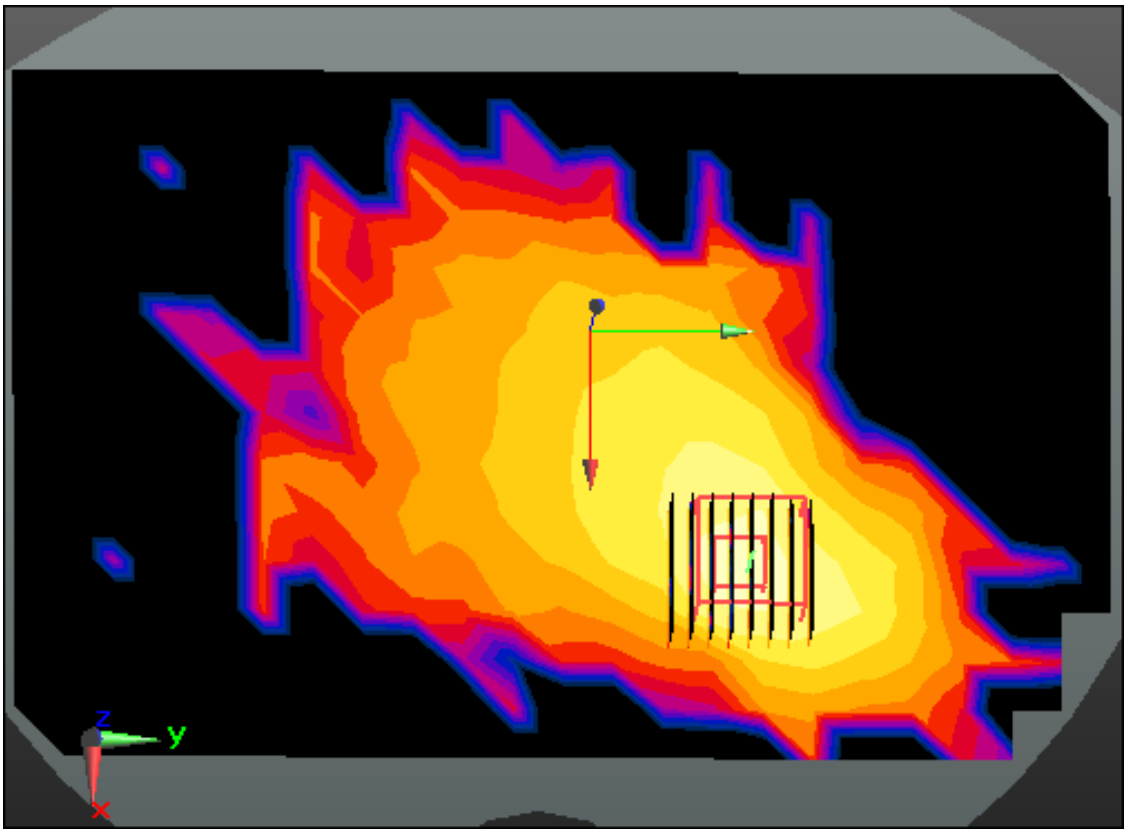
Test Date: 2020-02-25; Ambient Temp: 20.6; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 100, 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) = 0.565 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.339 W/kg



Enlarged Plot for A34

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

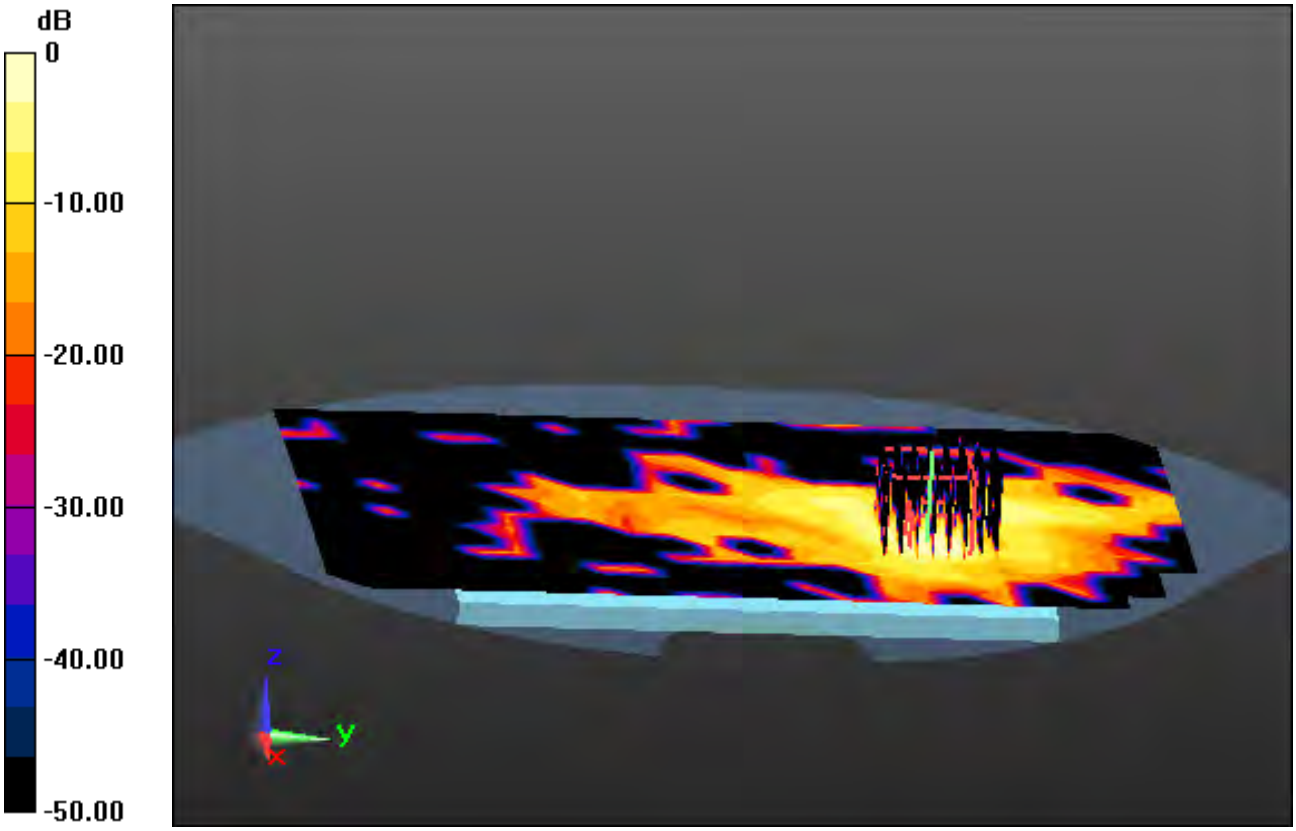
Communication System: UID 0, W-LAN_5500 (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.503 S/m; ε_r = 46.977; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

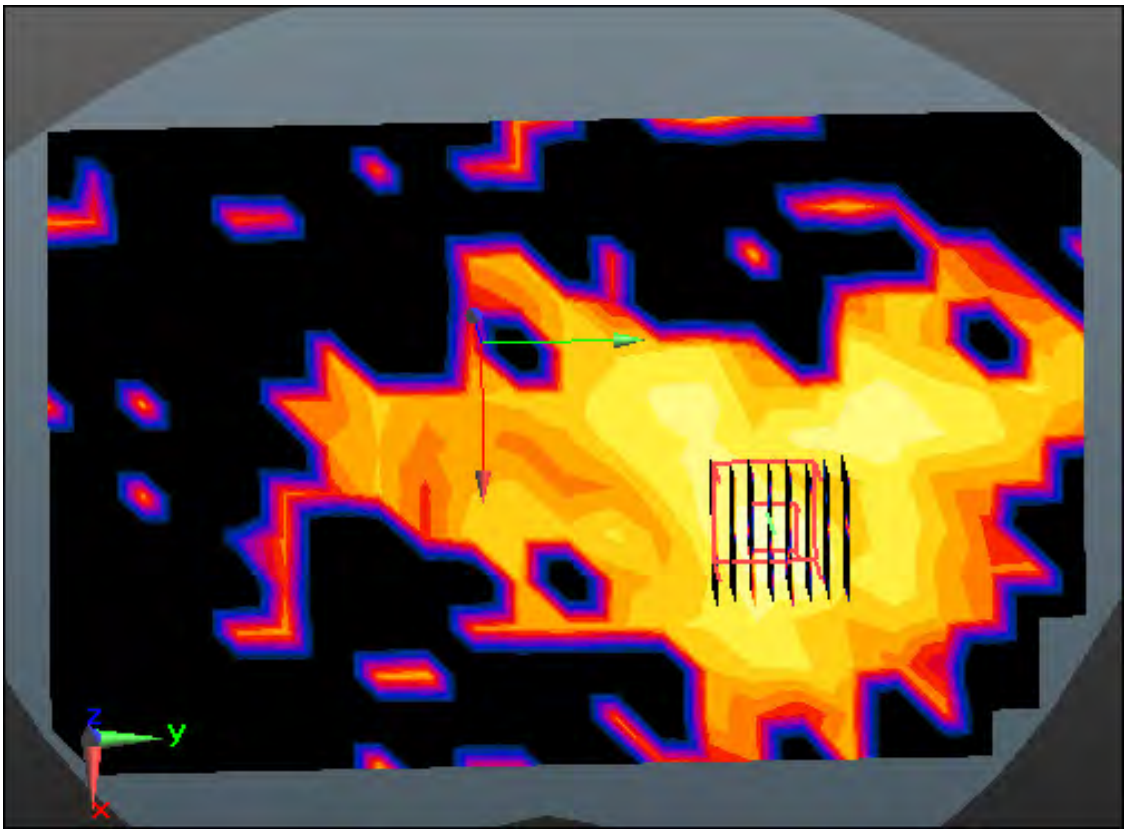
Test Date: 2020-02-25; Ambient Temp: 20.6; Tissue Temp: 20.9

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) = 0.0980 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00543 W/kg



0 dB = 0.0551 W/kg



Enlarged Plot for A35

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

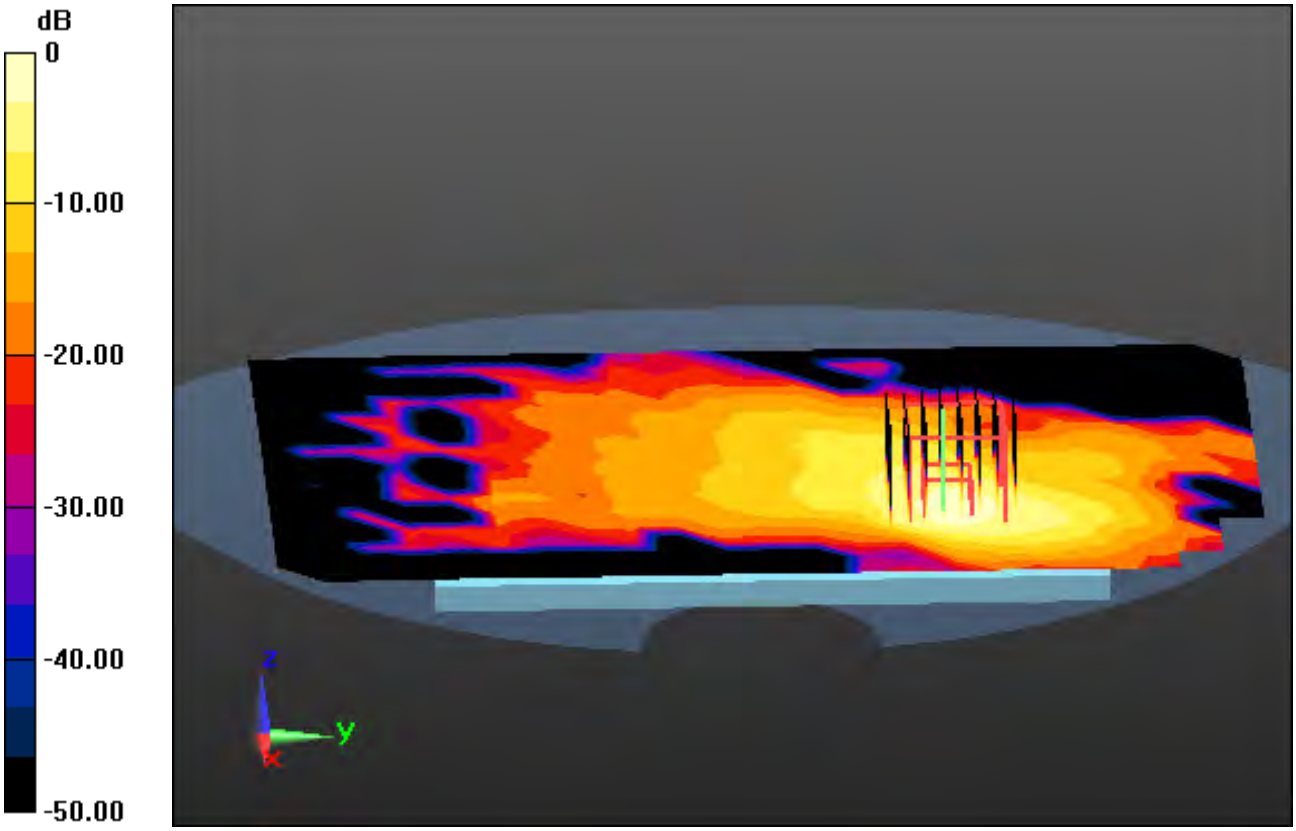
Communication System: UID 0, W-LAN_5500 (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.503 S/m; ε_r = 46.977; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

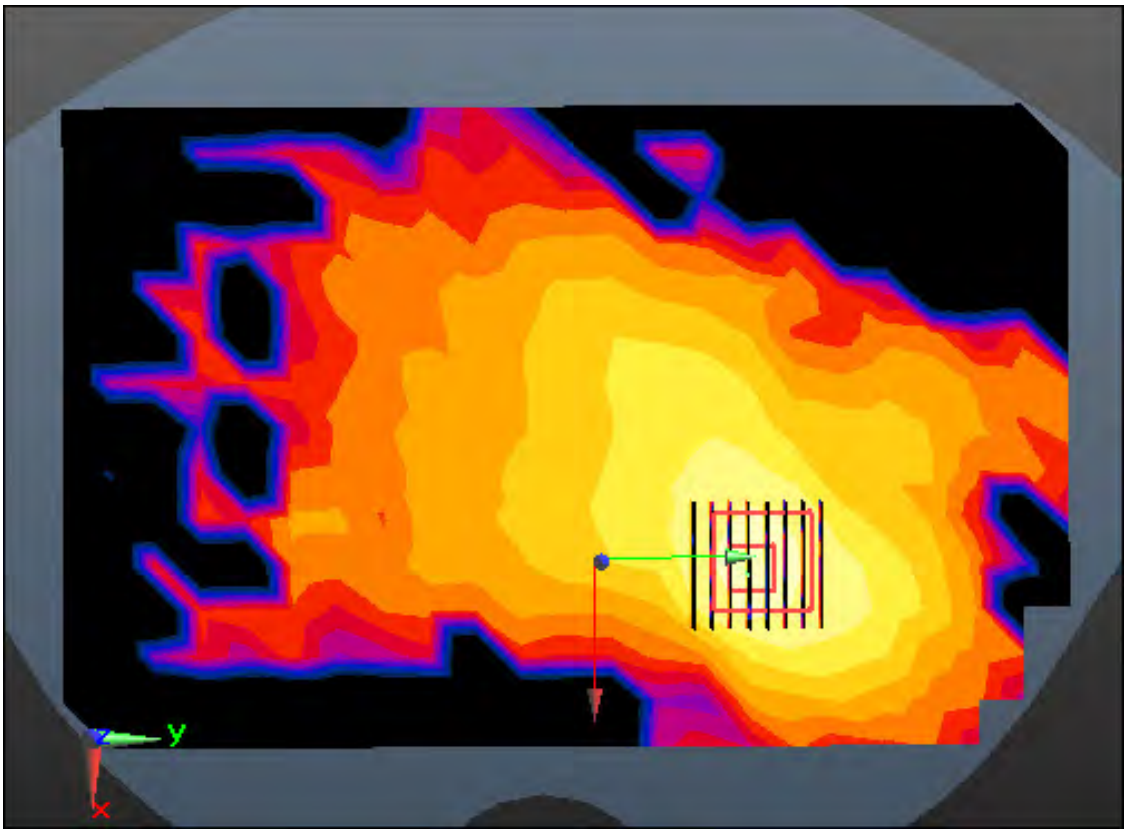
Test Date: 2020-02-25; Ambient Temp: 20.6; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 100, 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 = -0.06 dB
Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.048 W/kg



0 dB = 0.363 W/kg



Enlarged Plot for A36

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

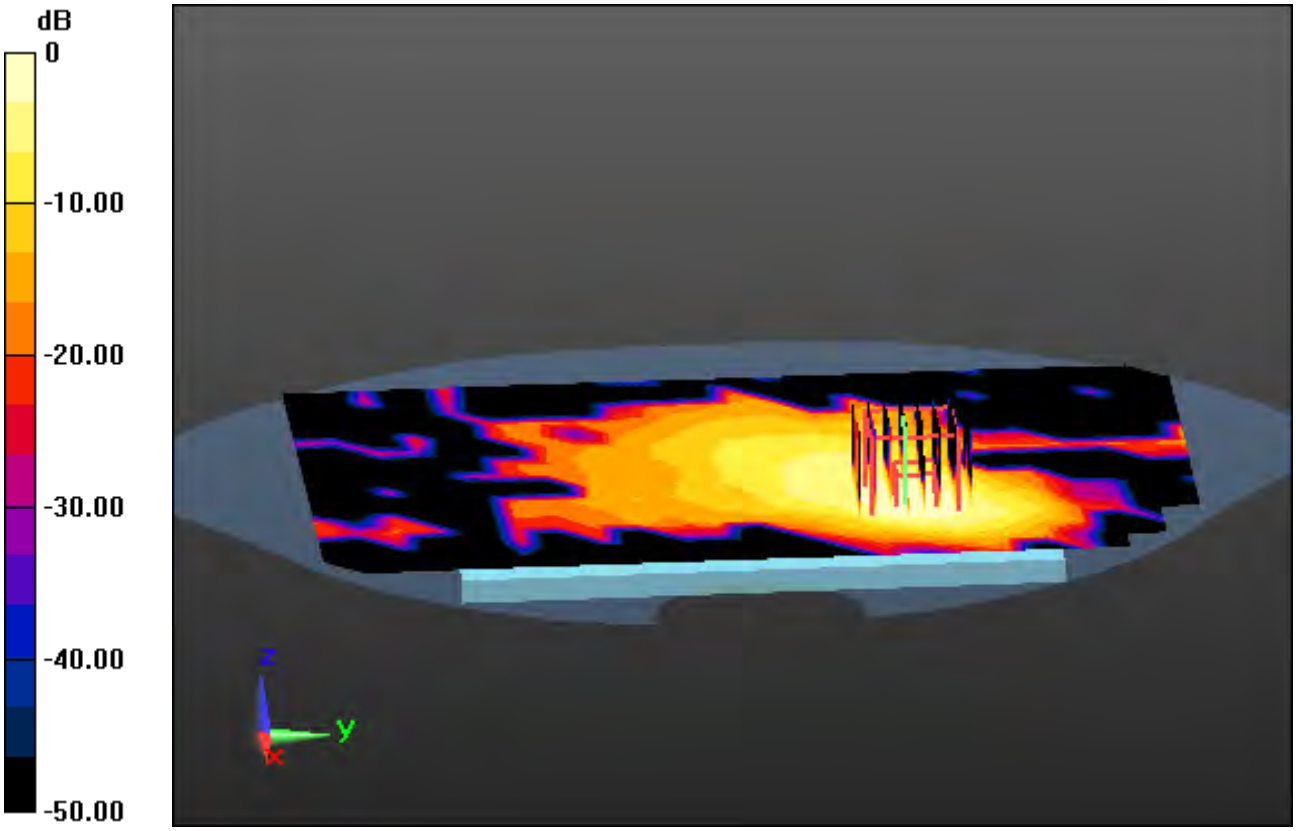
Communication System: UID 0, W-LAN_5800 (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.962 S/m; ε_r = 47.818; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

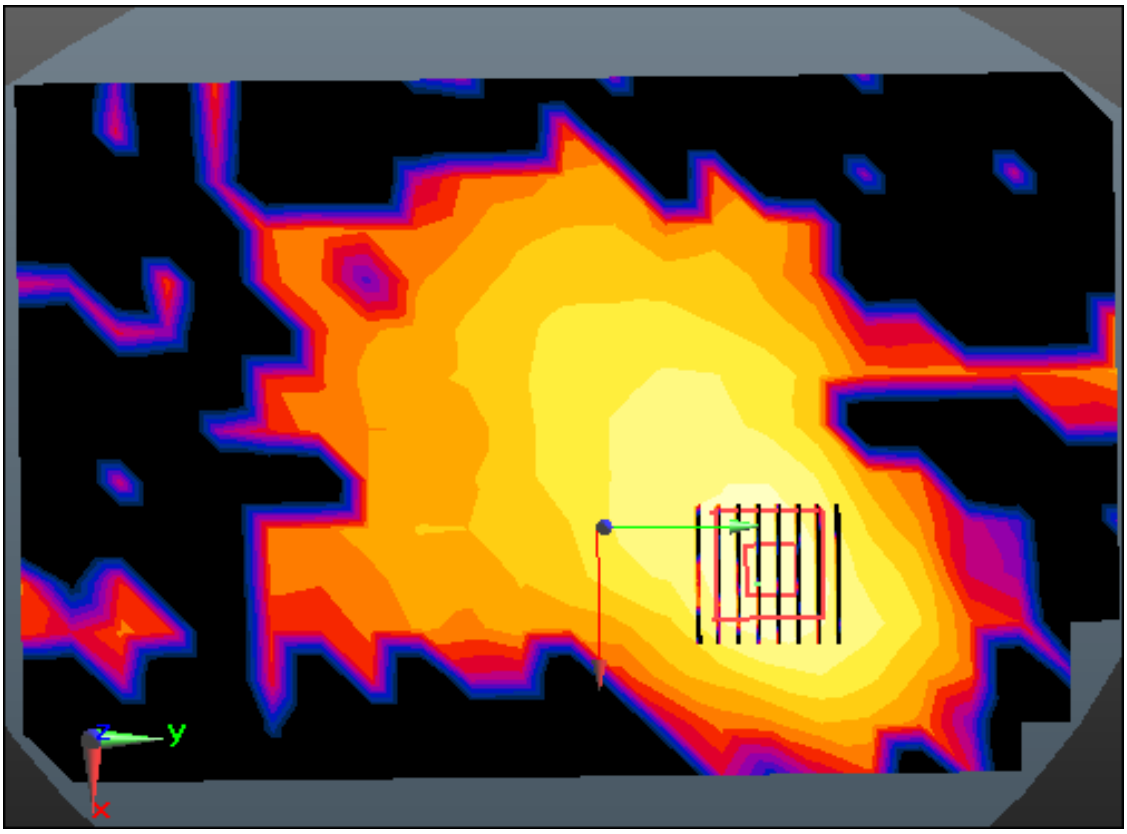
Test Date: 2020-02-26; Ambient Temp: 20.1; Tissue Temp: 20.7

1 cm space from Body, Rear, WLAN(802.11a) Ch. 149, 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 = -0.03 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.028 W/kg



0 dB = 0.212 W/kg



Enlarged Plot for A37

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

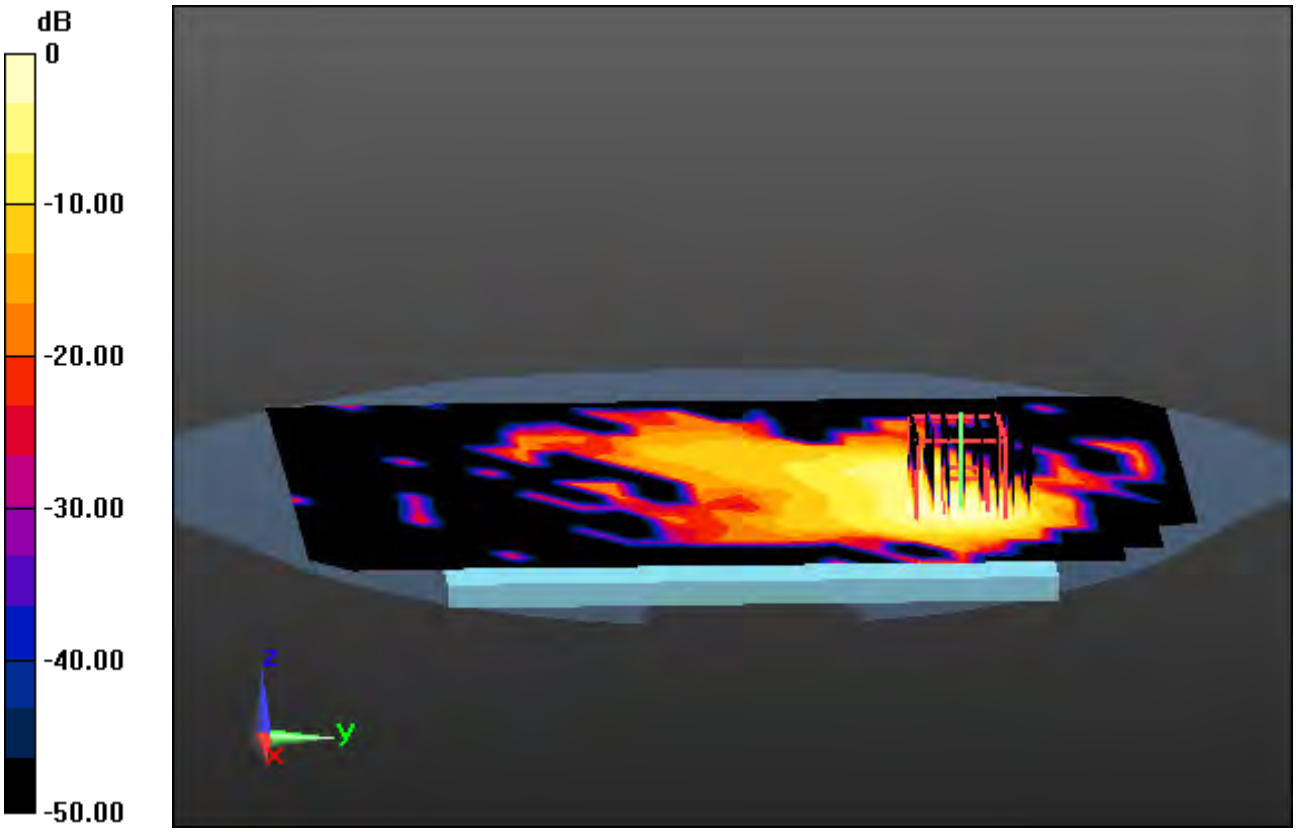
Communication System: UID 0, W-LAN_5800 (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.023 S/m; ε_r = 47.748; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

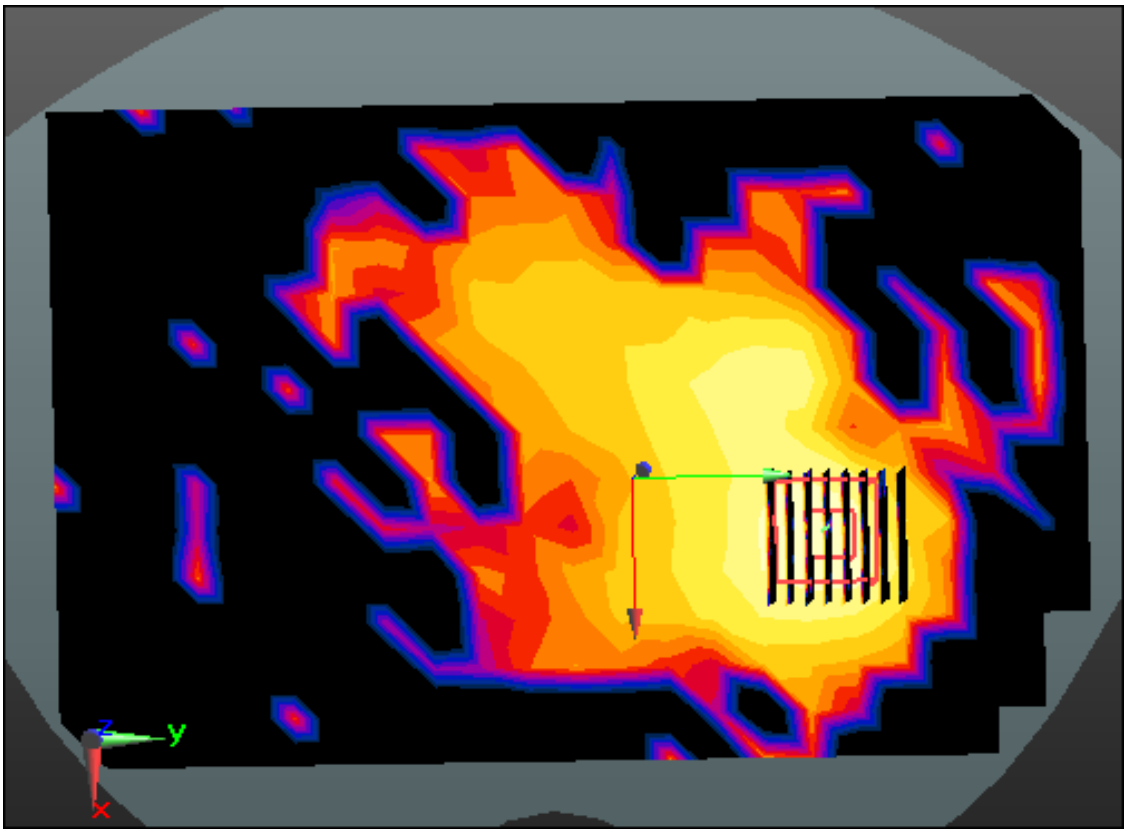
Test Date: 2020-02-26; Ambient Temp: 20.1; Tissue Temp: 20.7

1 cm space from Body, Rear, WLAN(802.11a) Ch. 157, 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 = -0.10 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.164 W/kg



Enlarged Plot for A38

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

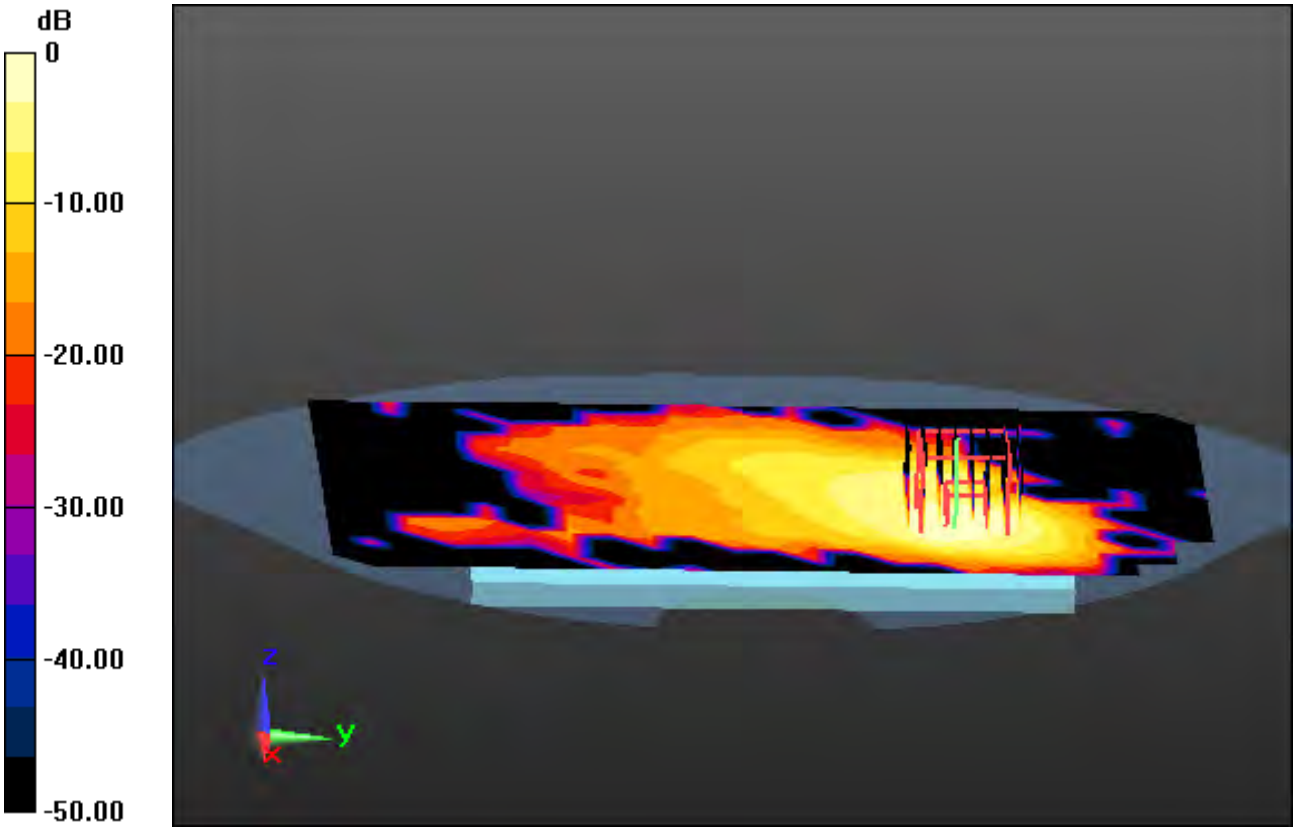
Communication System: UID 0, W-LAN_5800 (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.023 S/m; ε_r = 47.748; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

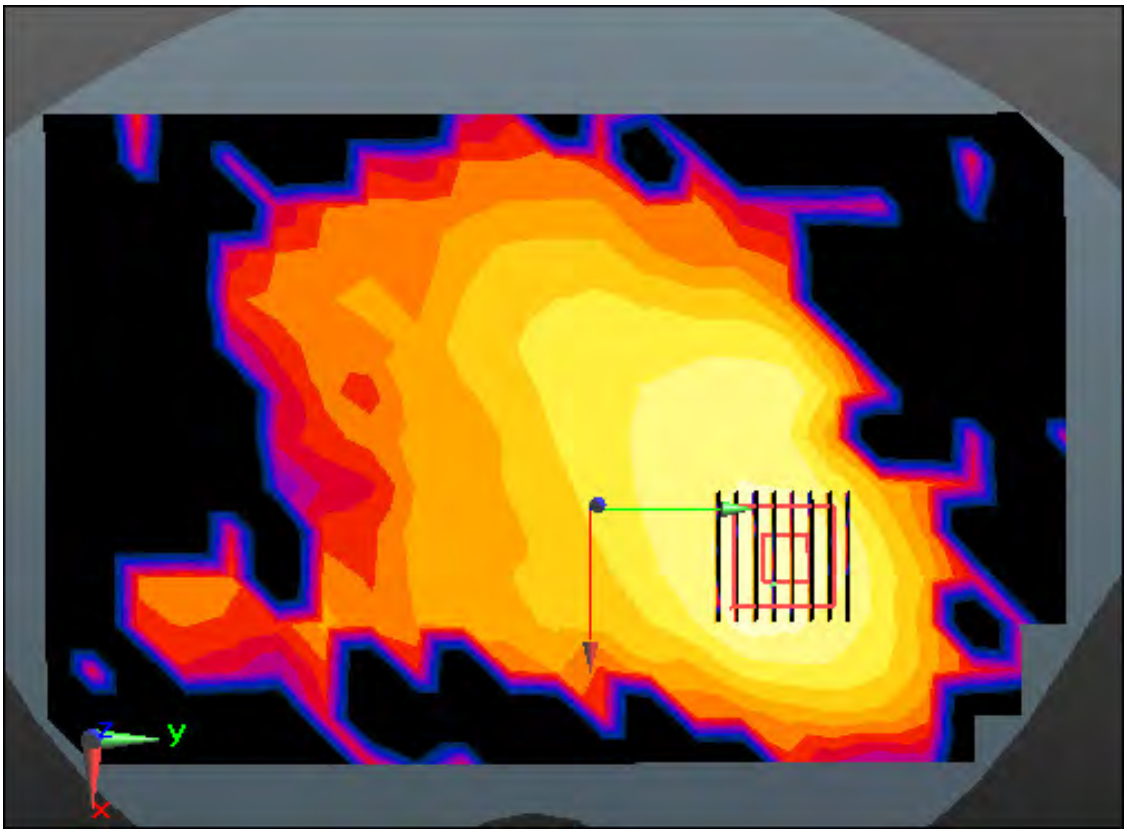
Test Date: 2020-02-26; Ambient Temp: 20.1; Tissue Temp: 20.7

1 cm space from Body, Rear, WLAN(802.11a) Ch. 157, 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) = 0.581 W/kg
SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.051 W/kg



0 dB = 0.315 W/kg



Enlarged Plot for A39

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

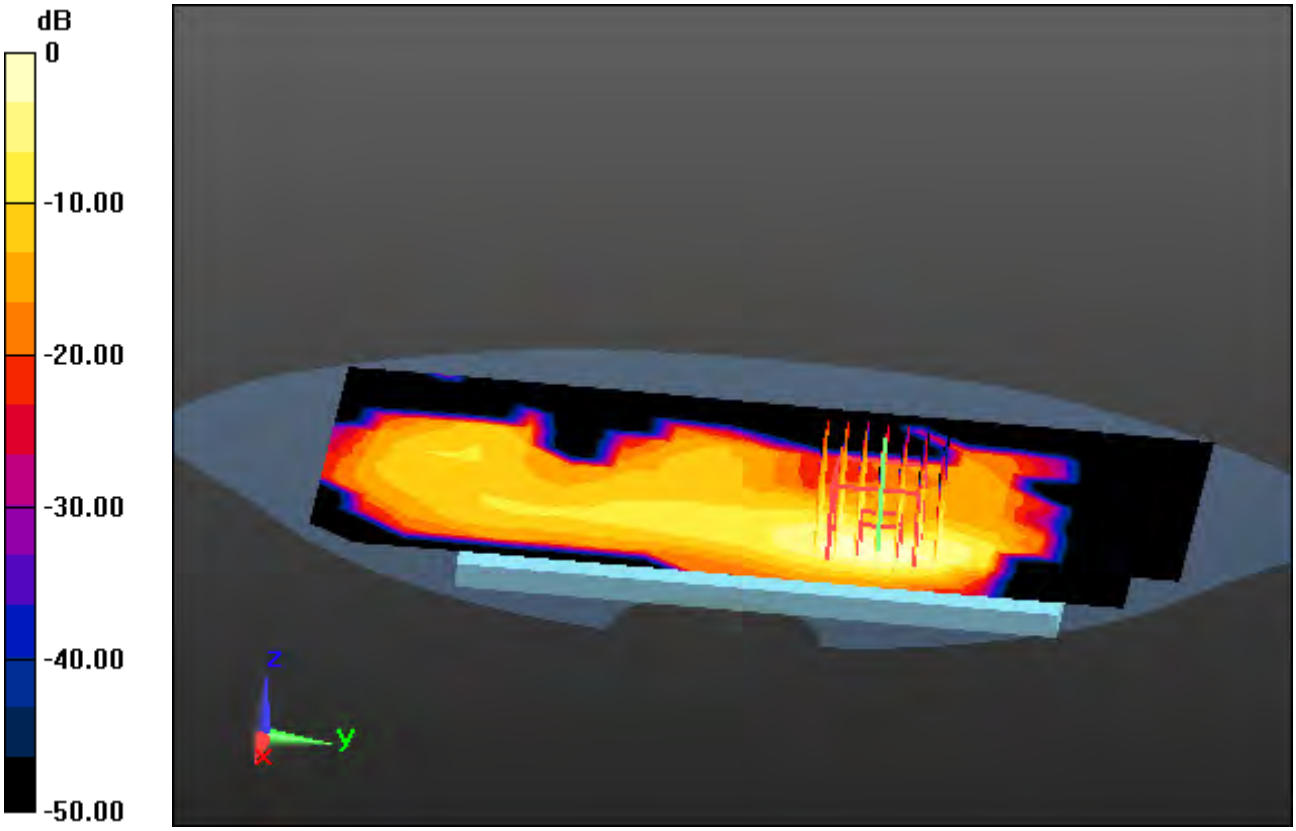
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.992 S/m; ε_r = 52.587; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

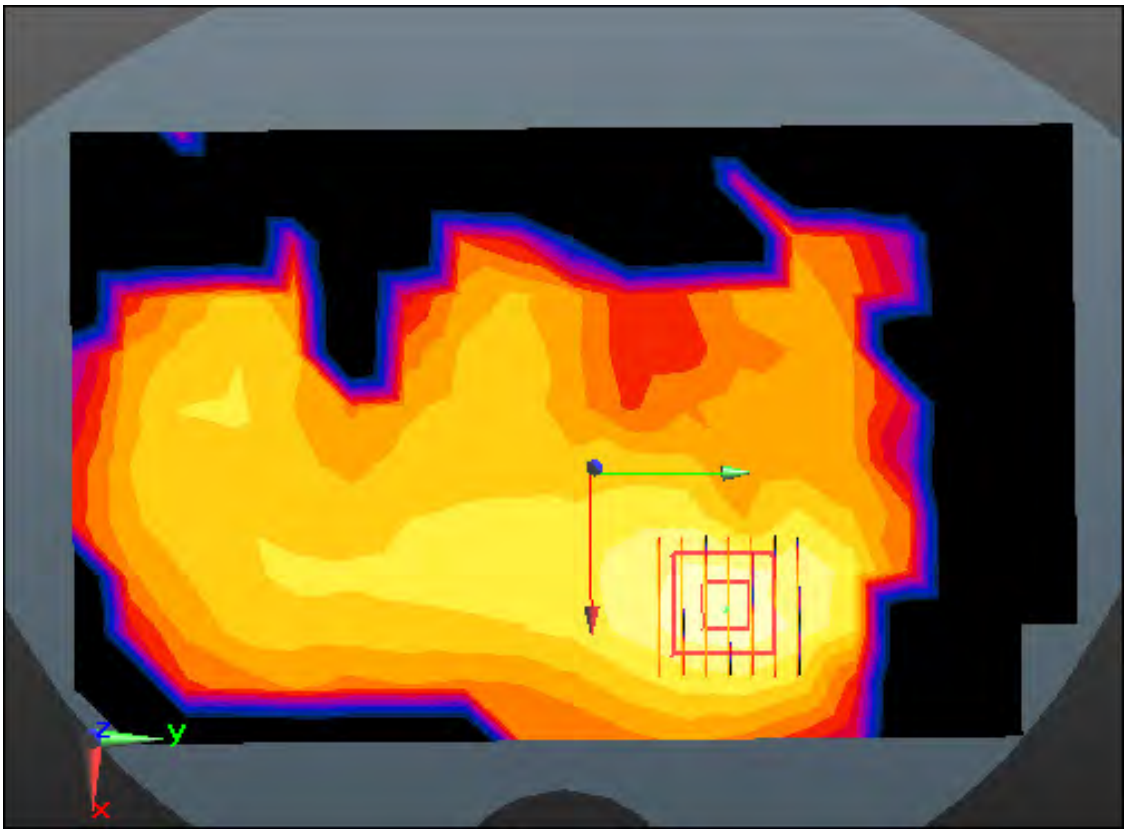
Test Date: 2020-02-14; Ambient Temp: 22.2; Tissue Temp: 22.0

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 = 0.11 dB
Peak SAR (extrapolated) = 0.0980 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.0728 W/kg



Enlarged Plot for A40

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

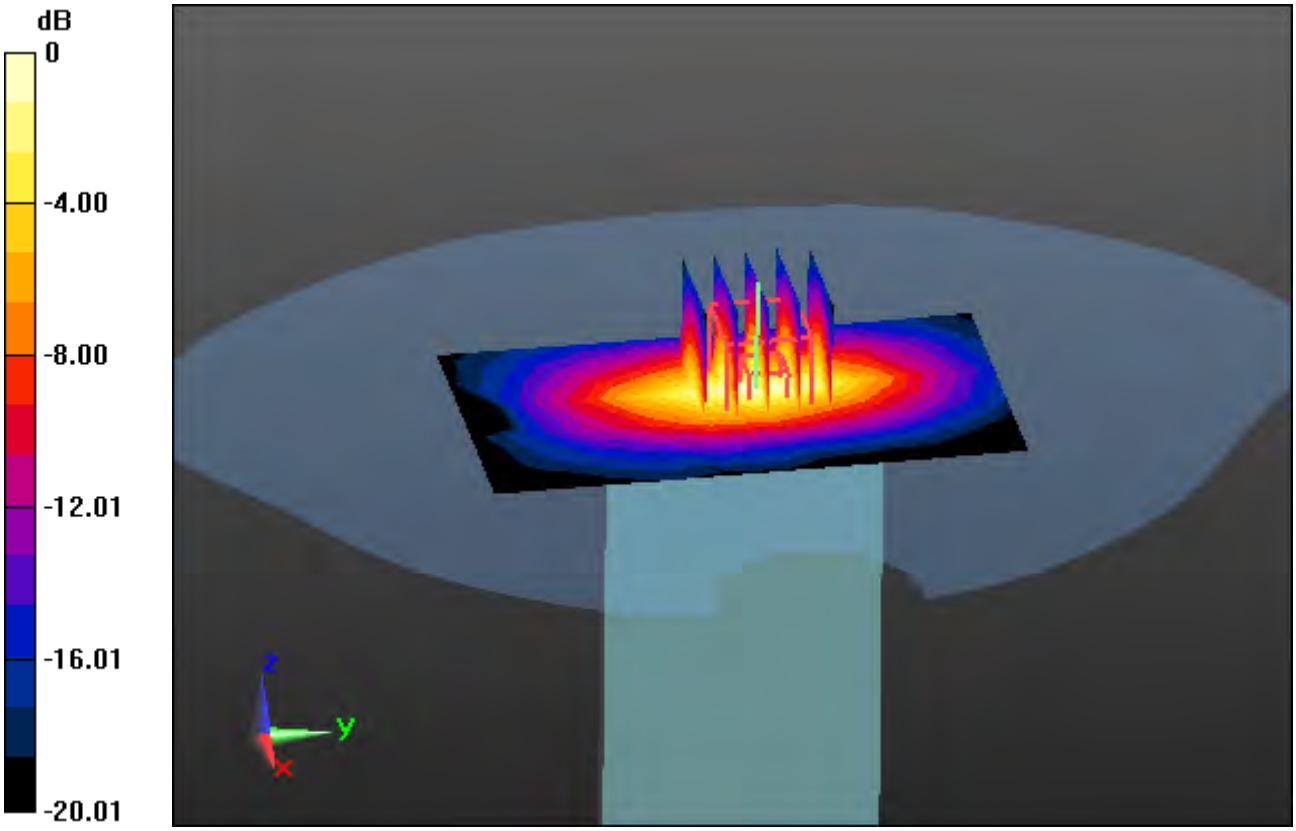
Communication System: UID 0, PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 52.715; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.15, 8.15, 8.15); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

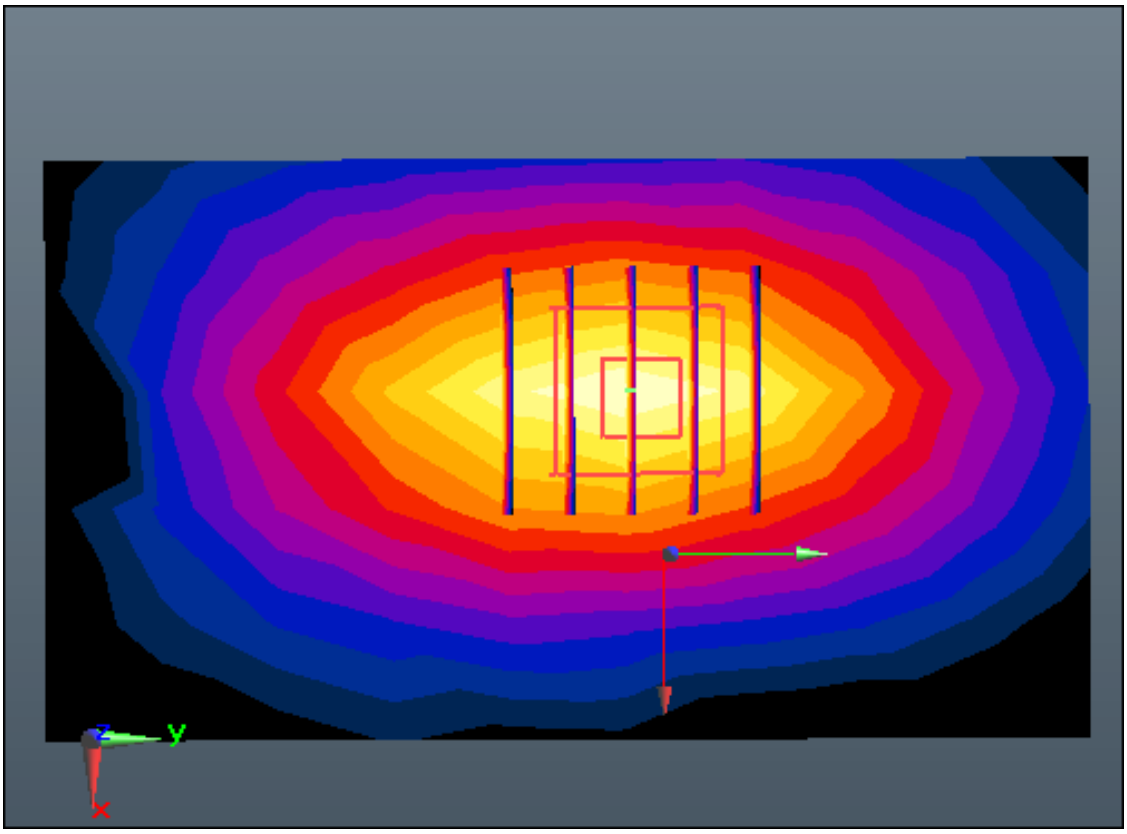
Test Date: 2020-02-12; Ambient Temp: 21.5; Tissue Temp: 21.3

1 cm space from Body, Bottom, PCS1900 GPRS 3TX Ch. 661, Ant Internal

Area Scan (6x10x1): 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) = 0.954 W/kg
SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.253 W/kg



0 dB = 0.651 W/kg



Enlarged Plot for A41

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

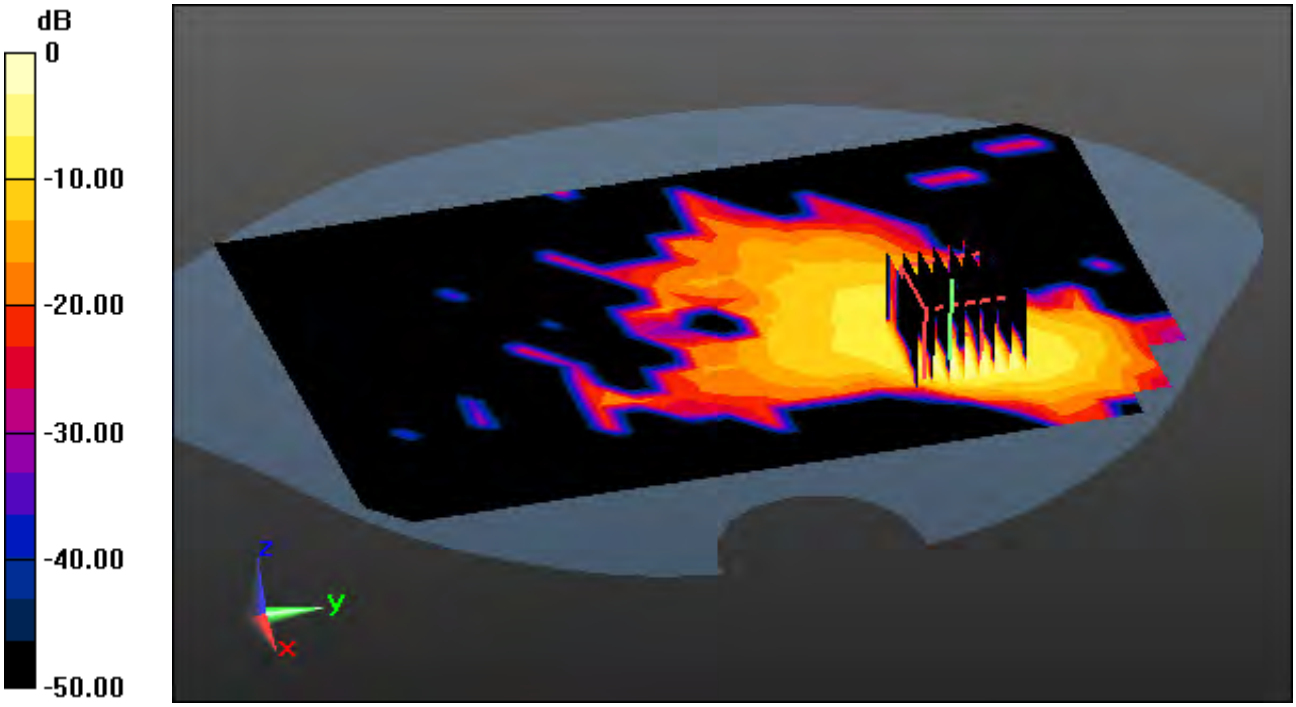
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.138 S/m; ε_r = 47.343; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.65, 4.65, 4.65); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

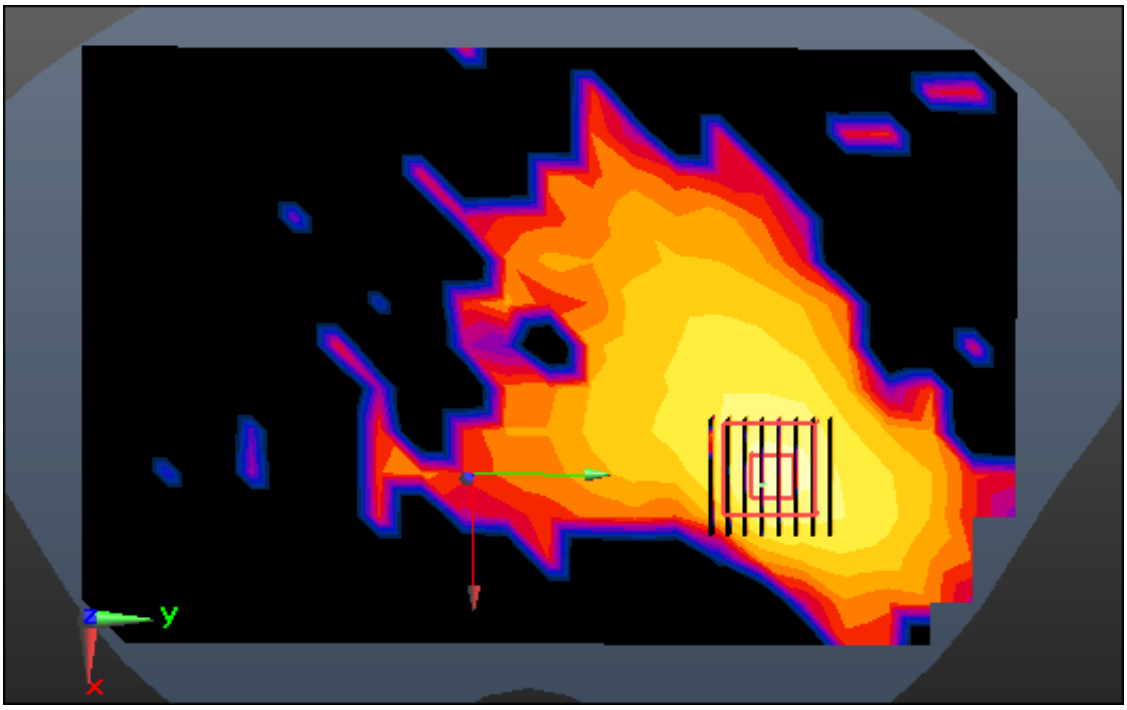
Test Date: 2020-02-13; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Rear, WLAN(802.11a) Ch. 40, 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) = 0.610 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.040 W/kg



0 dB = 0.367 W/kg



Enlarged Plot for A42

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

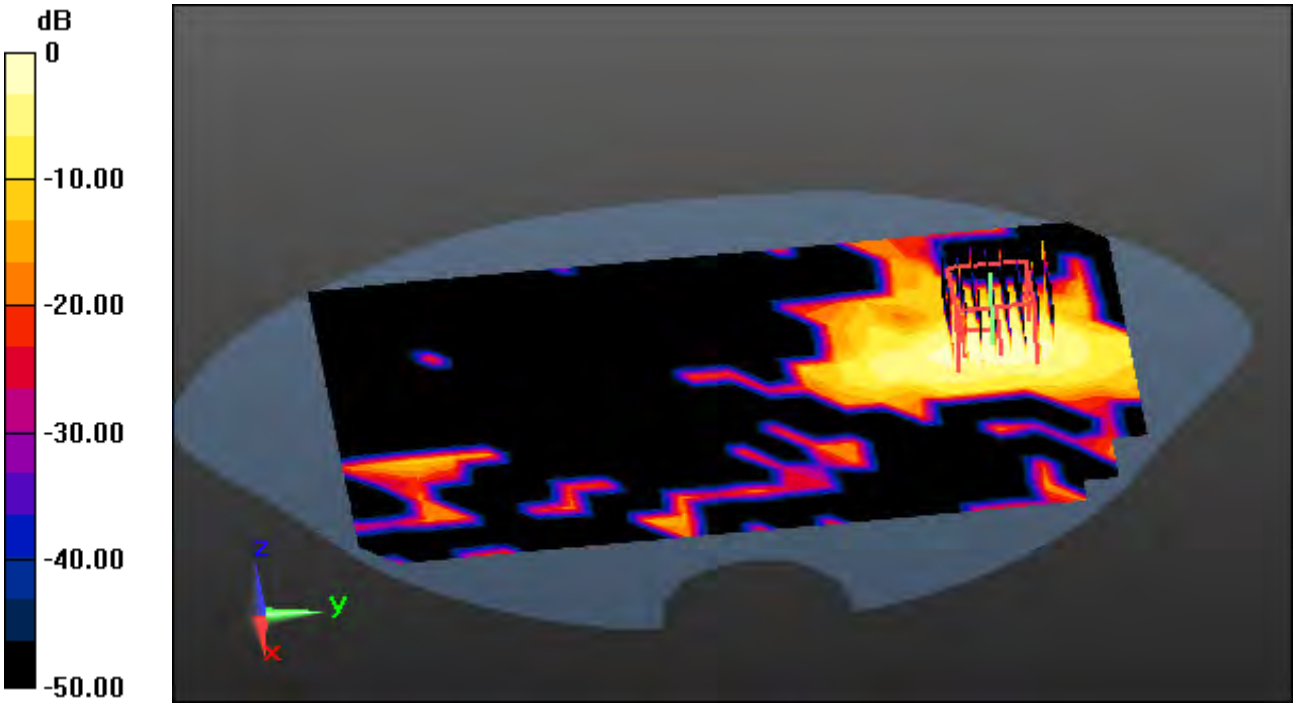
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.105 S/m; ε_r = 47.446; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.65, 4.65, 4.65); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

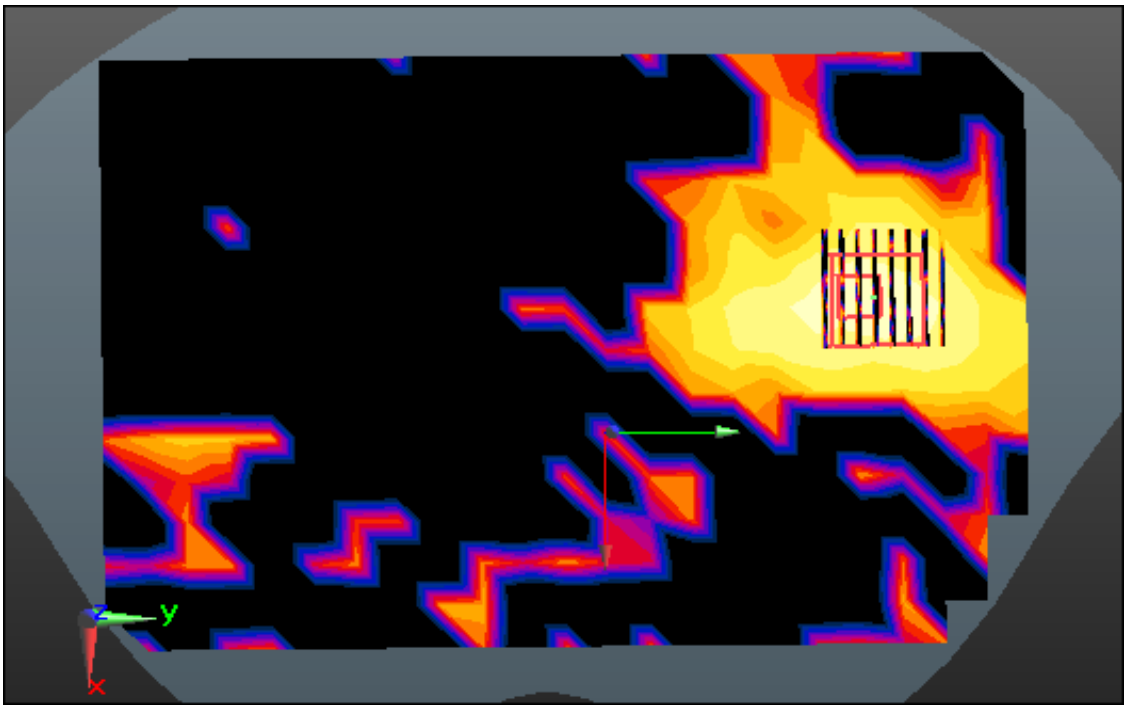
Test Date: 2020-02-13; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Front, 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 = 0.10 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.011 W/kg



0 dB = 0.0924 W/kg



Enlarged Plot for A43

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

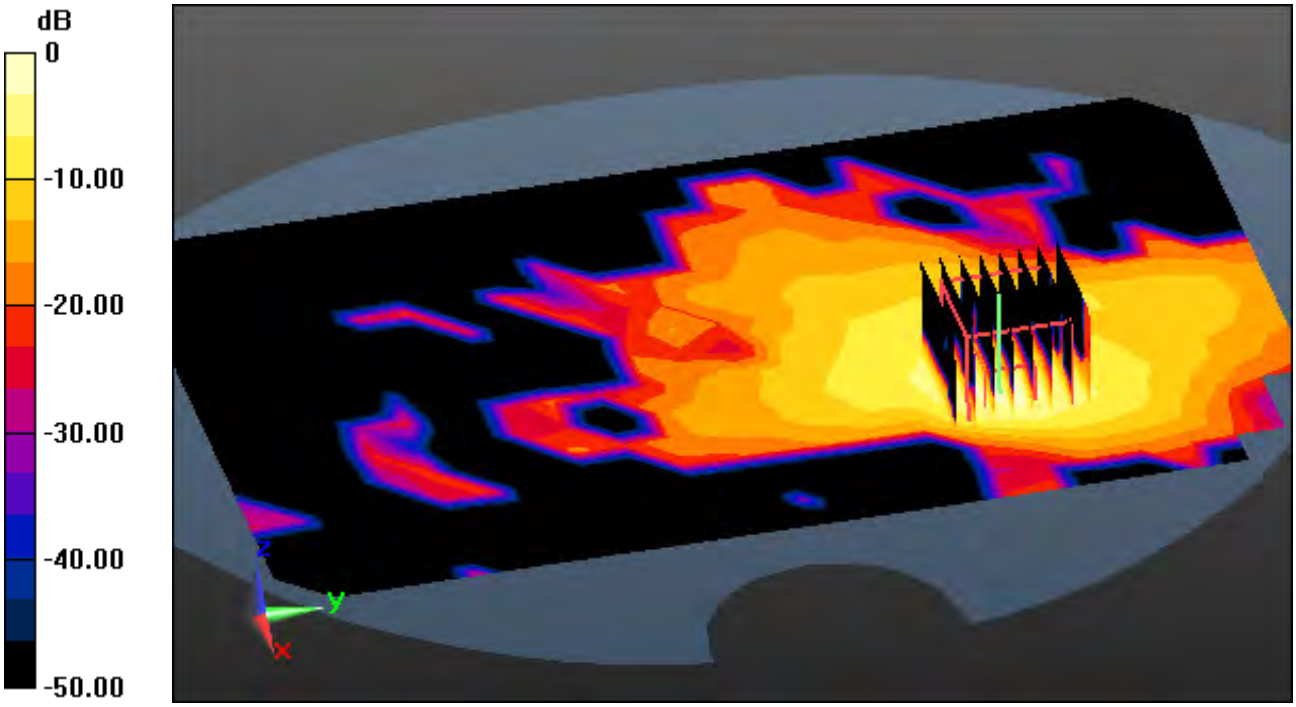
Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.138 S/m; ε_r = 47.343; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.65, 4.65, 4.65); Calibrated: 11/18/2019 Electronics: DAE4 Sn1392
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

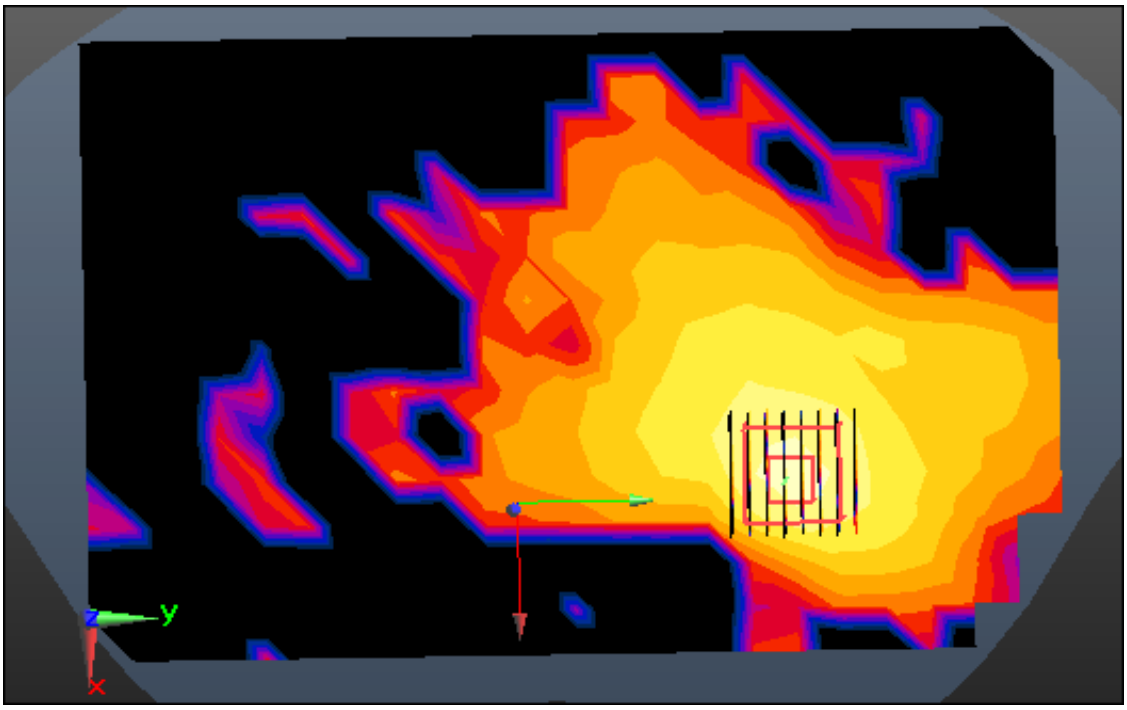
Test Date: 2020-02-13; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Rear, WLAN(802.11a) Ch. 40, 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 = 0.00 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.424 W/kg



Enlarged Plot for A44

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

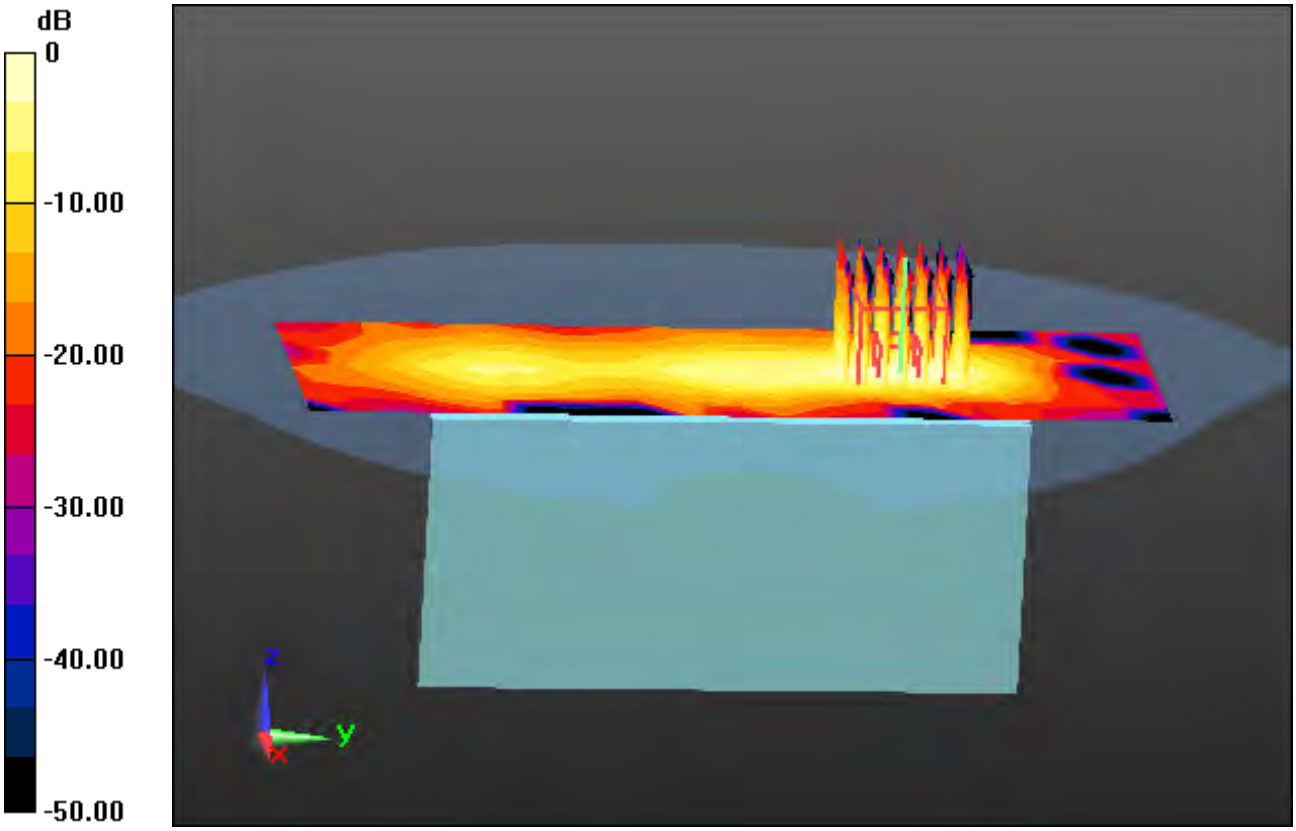
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.992 S/m; ε_r = 52.587; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

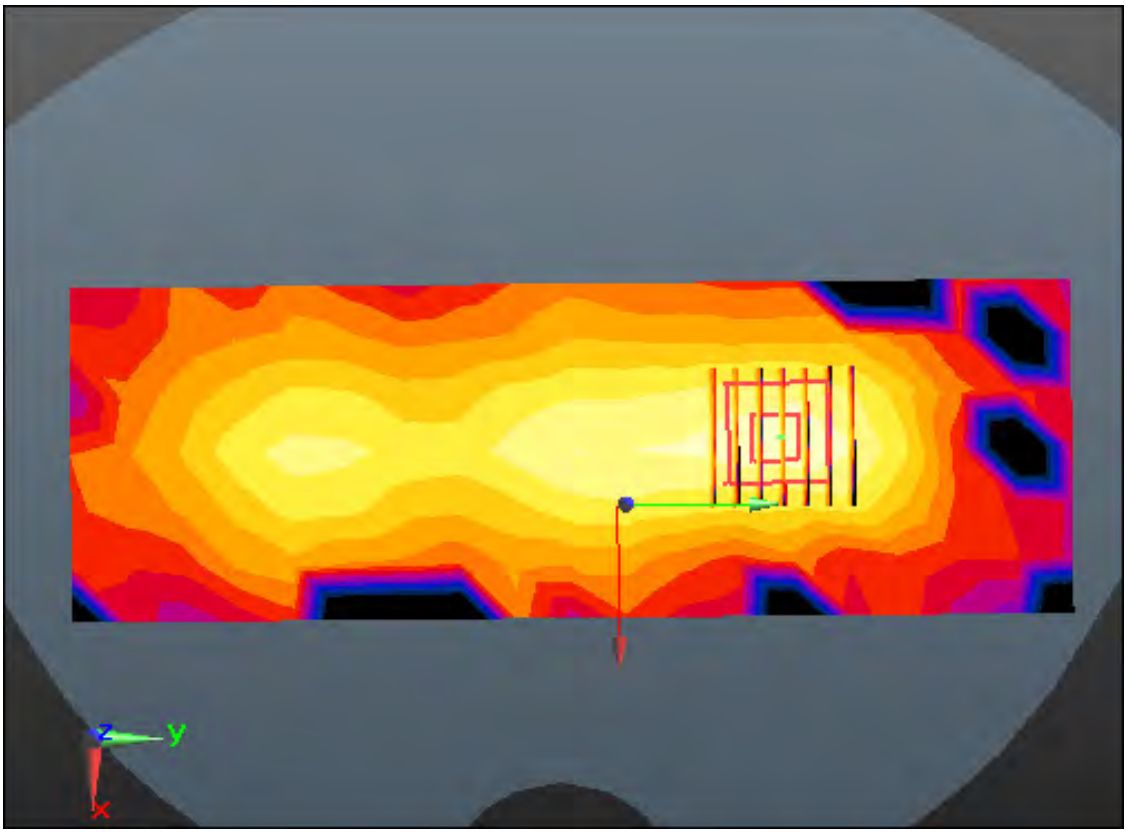
Test Date: 2020-02-14; Ambient Temp: 22.2; Tissue Temp: 22.0

1 cm space from Body, Left, 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 = 0.13 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.0859 W/kg



Enlarged Plot for A45

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

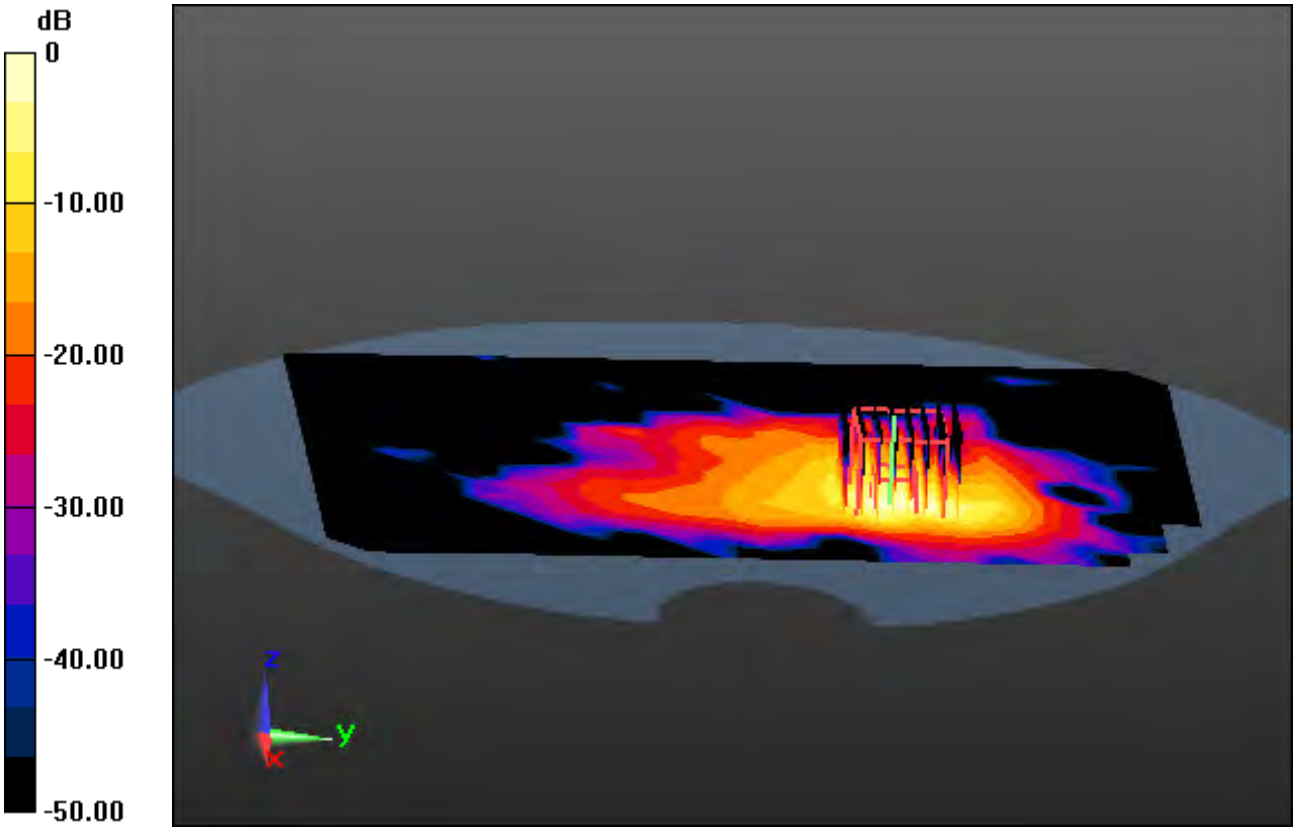
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.274 S/m; ε_r = 47.666; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

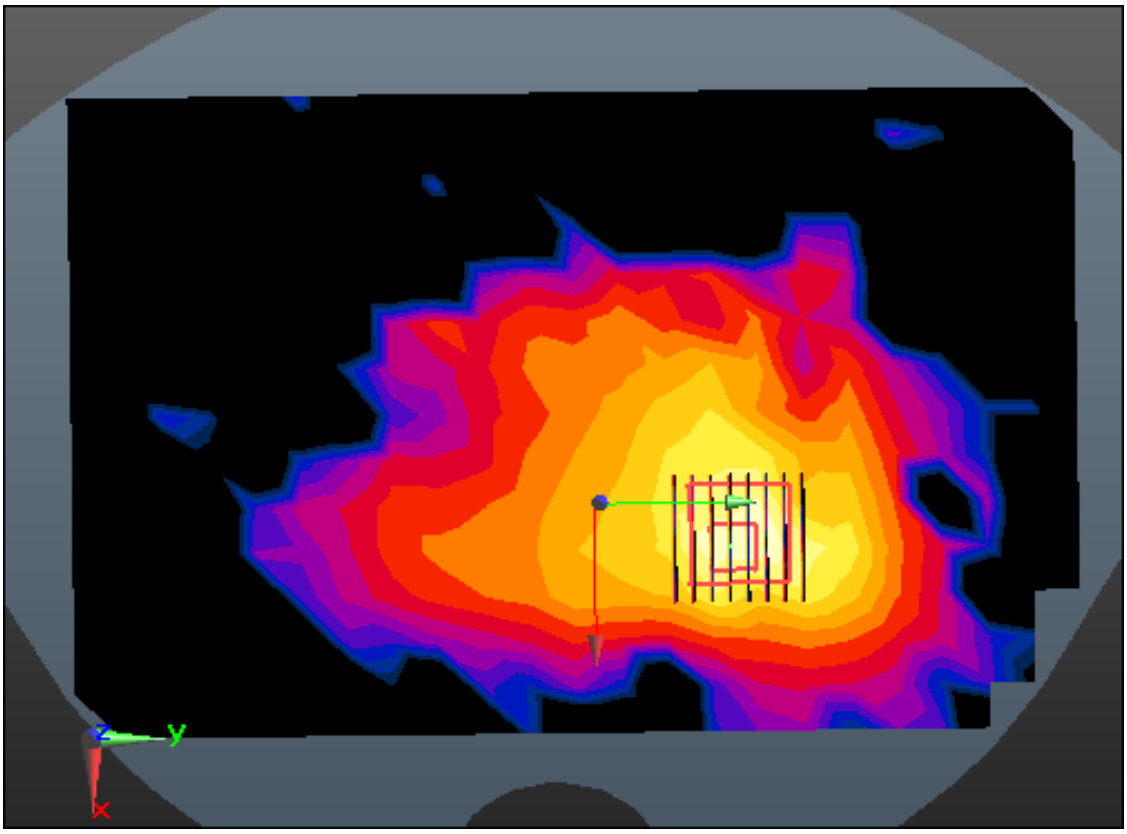
Test Date: 2020-02-24; Ambient Temp: 21.9; Tissue Temp: 22.1

Touch from Body, Rear, WLAN(802.11a) Ch. 64, Ant Internal, Ant.1

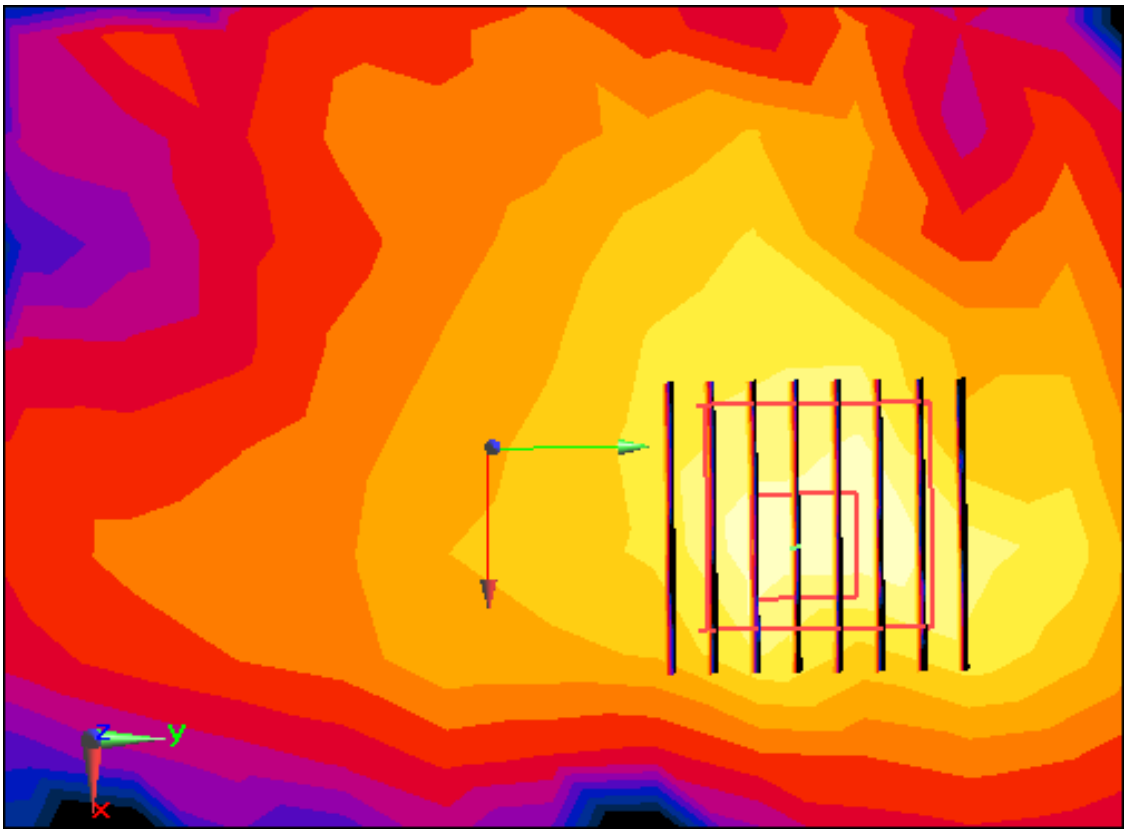
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 10.6 W/kg
SAR(1 g) = 1.93 W/kg; SAR(10 g) = 0.553 W/kg



0 dB = 4.98 W/kg



Enlarged Plot for A46



Enlarged Plot for A46

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

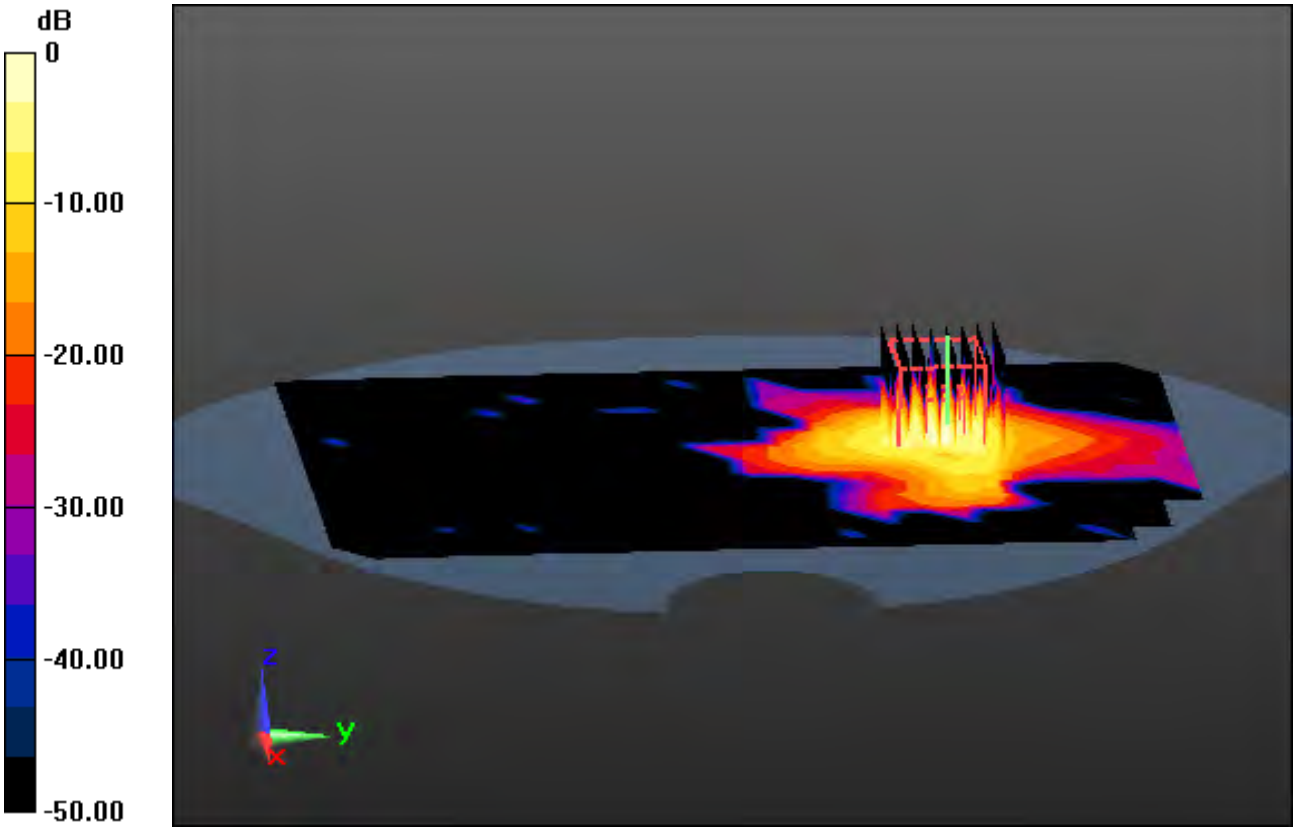
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.211 S/m; ε_r = 47.58; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

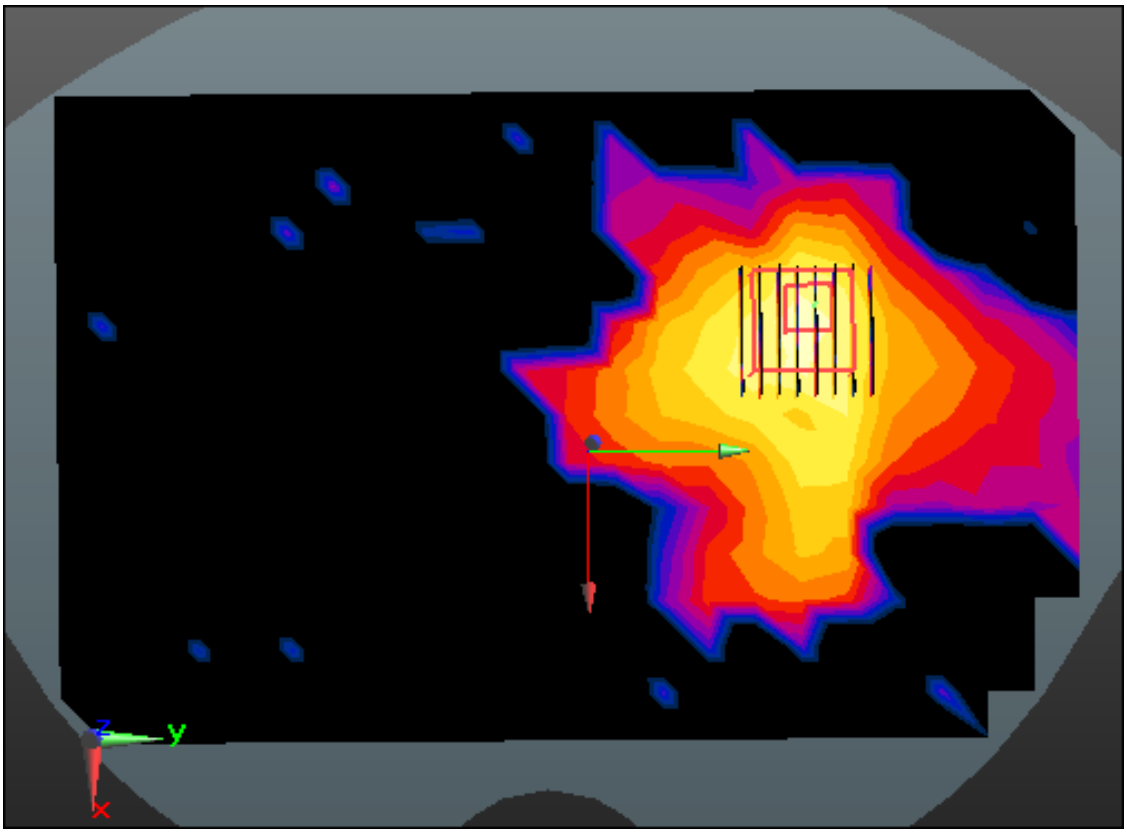
Test Date: 2020-02-24; Ambient Temp: 21.9; Tissue Temp: 22.1

Touch from Body, Front, WLAN(802.11a) Ch. 52, Ant Internal, Ant.2

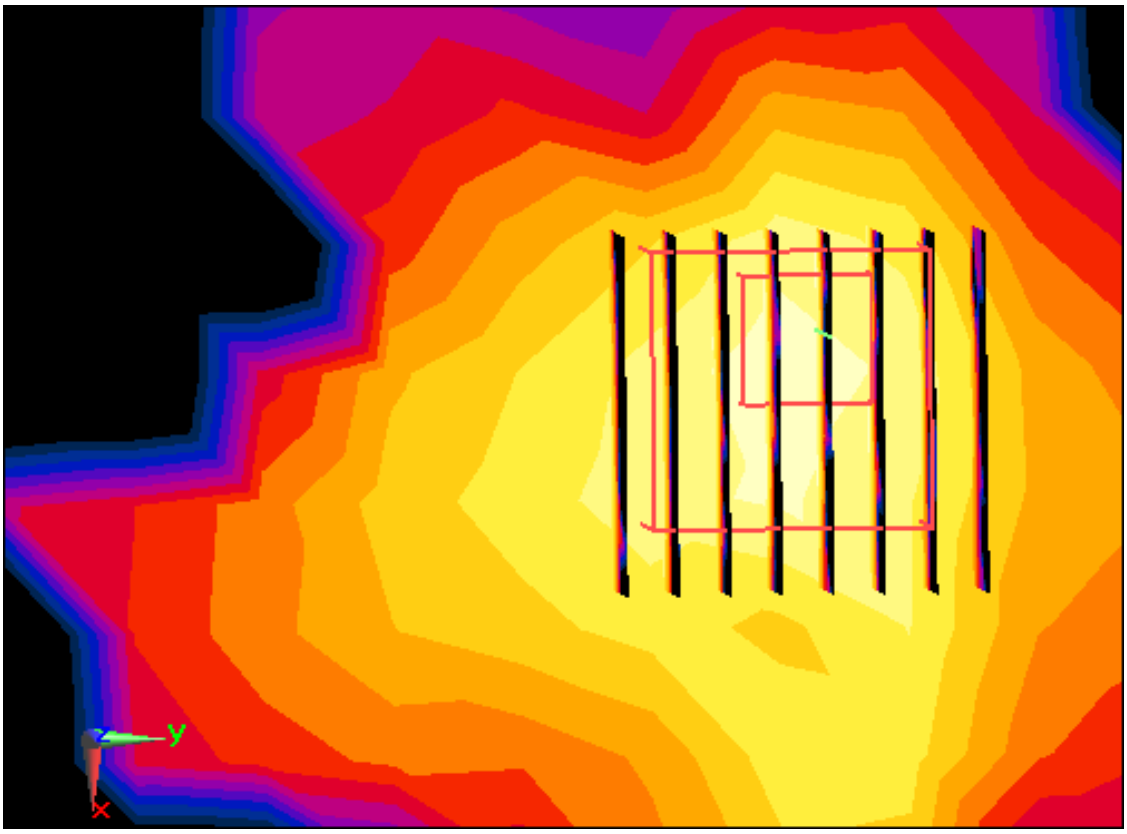
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.190 W/kg



0 dB = 1.59 W/kg



Enlarged Plot for A47



Enlarged Plot for A47

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

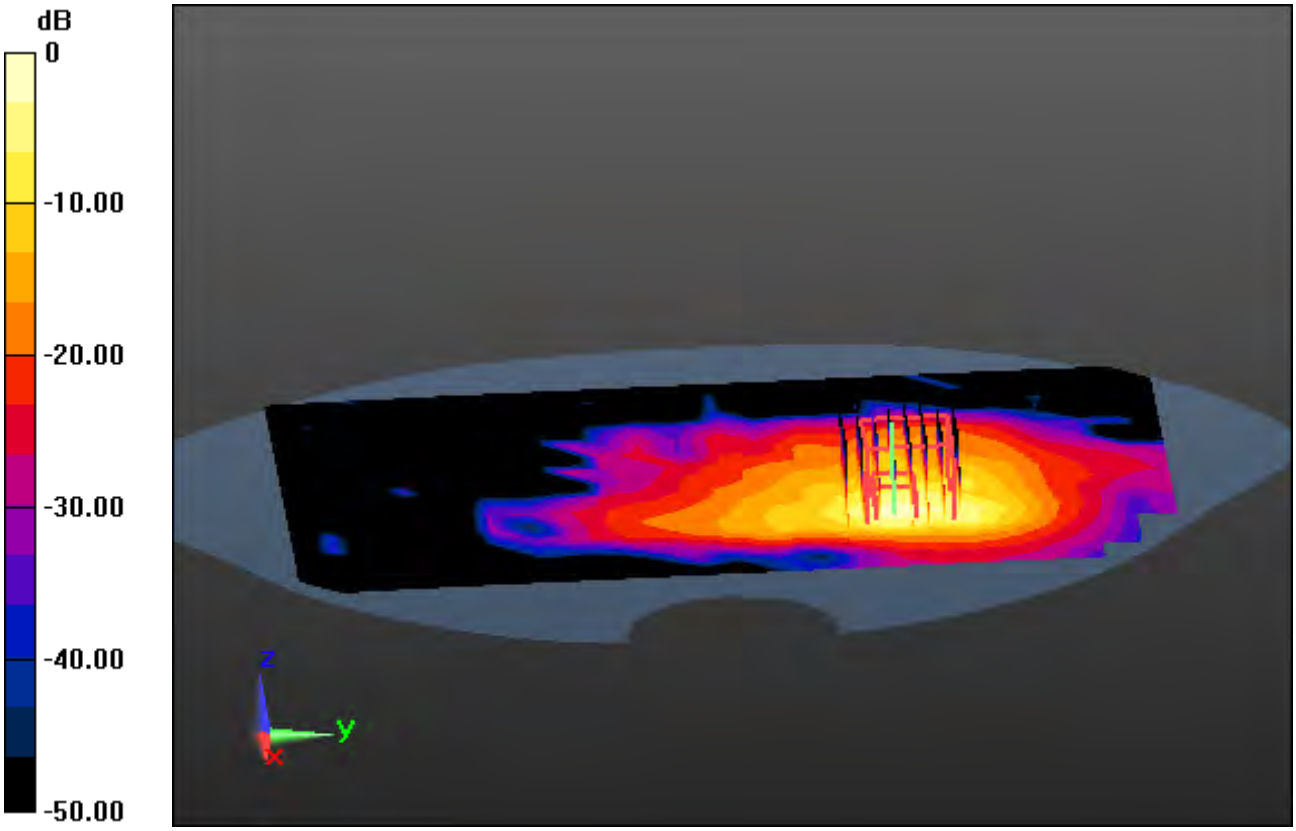
Communication System: UID 0, W-LAN_5300 (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.211 S/m; ε_r = 47.58; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

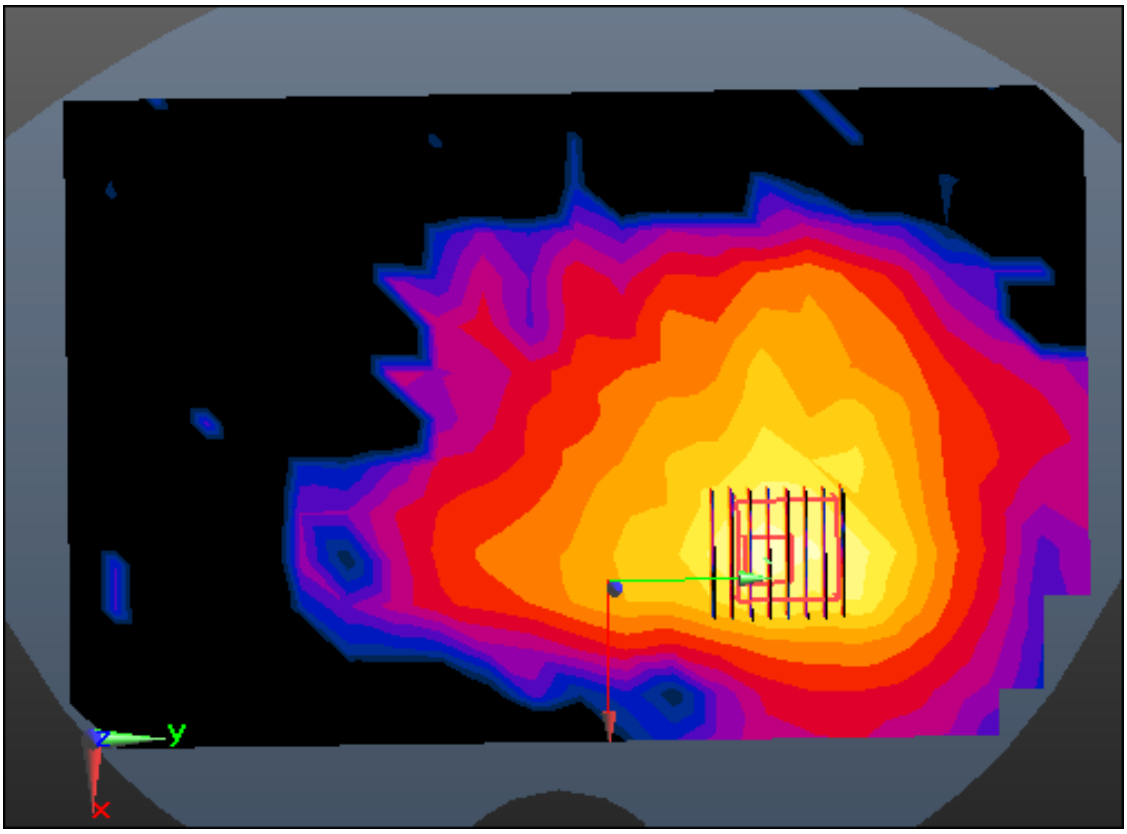
Test Date: 2020-02-24; Ambient Temp: 21.9; Tissue Temp: 22.1

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

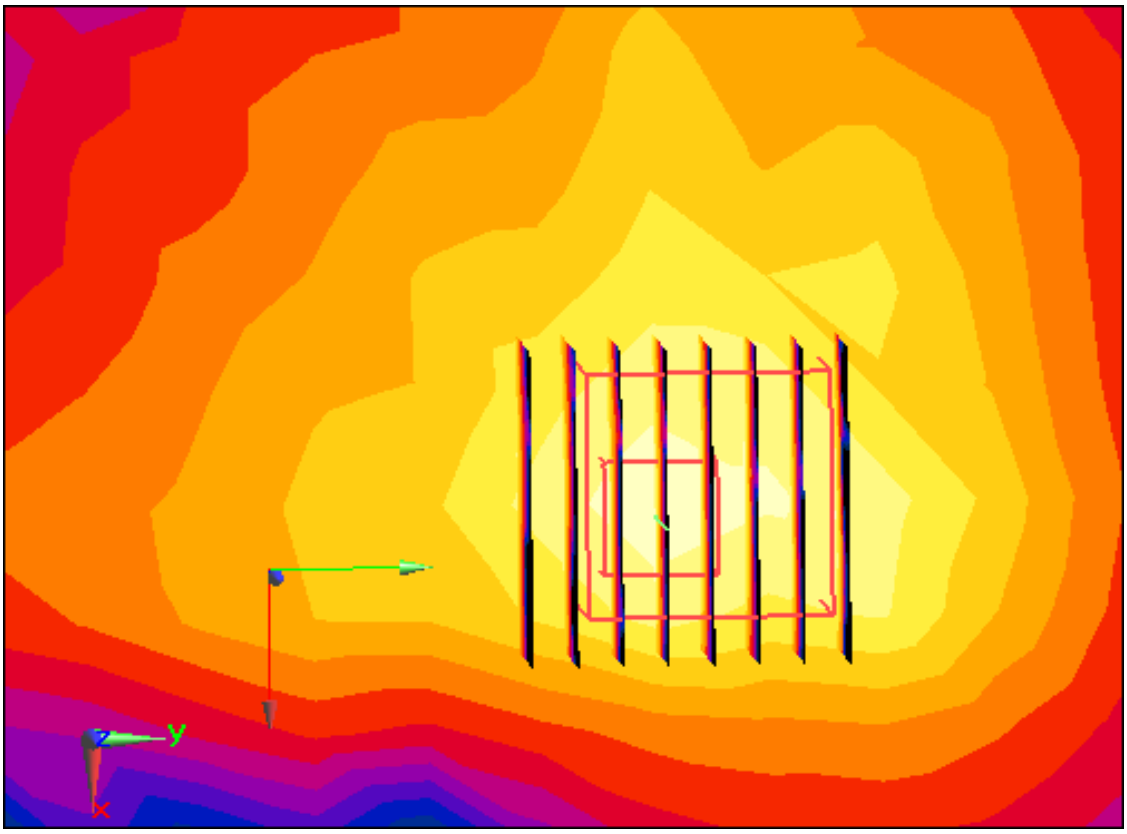
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 0.755 W/kg



0 dB = 6.23 W/kg



Enlarged Plot for A48



Enlarged Plot for A48

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

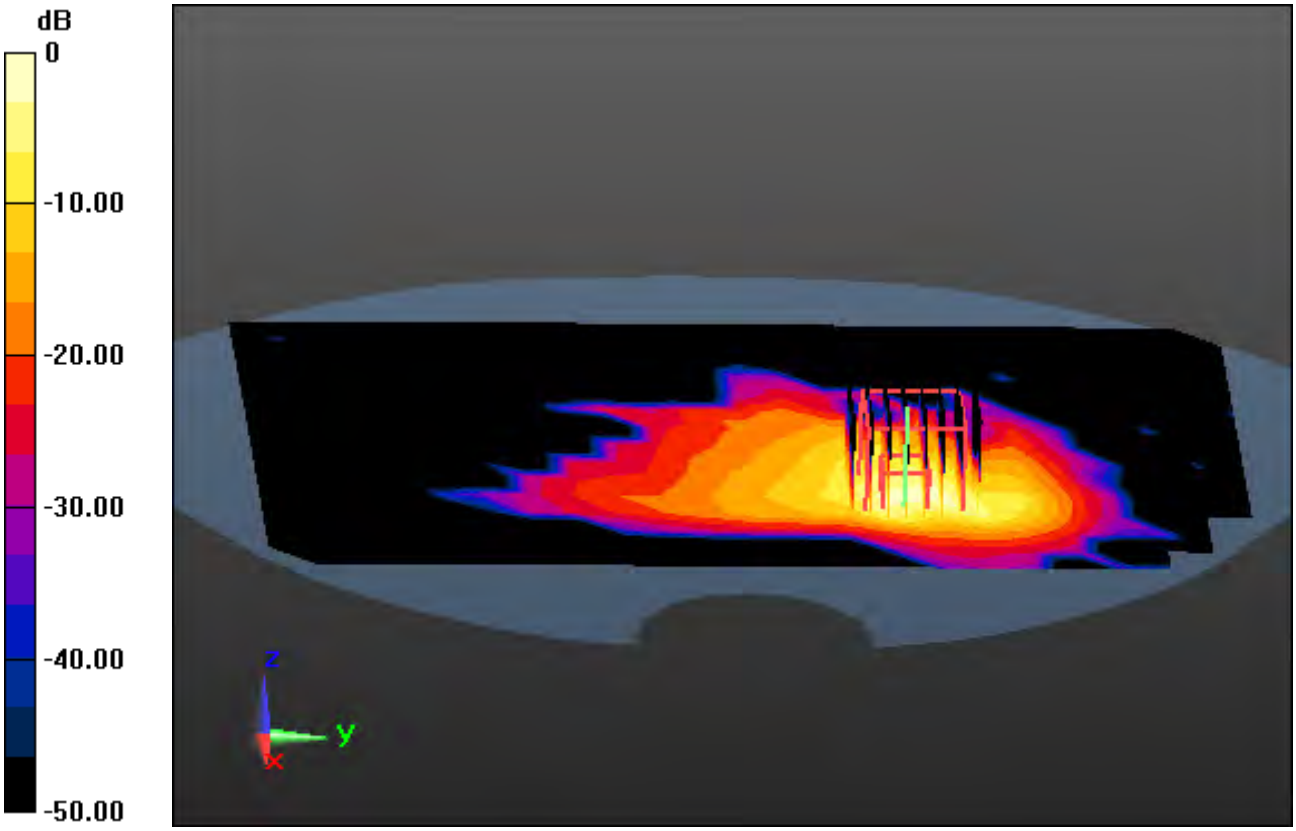
Communication System: UID 0, W-LAN_5500 (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.503 S/m; ε_r = 46.977; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

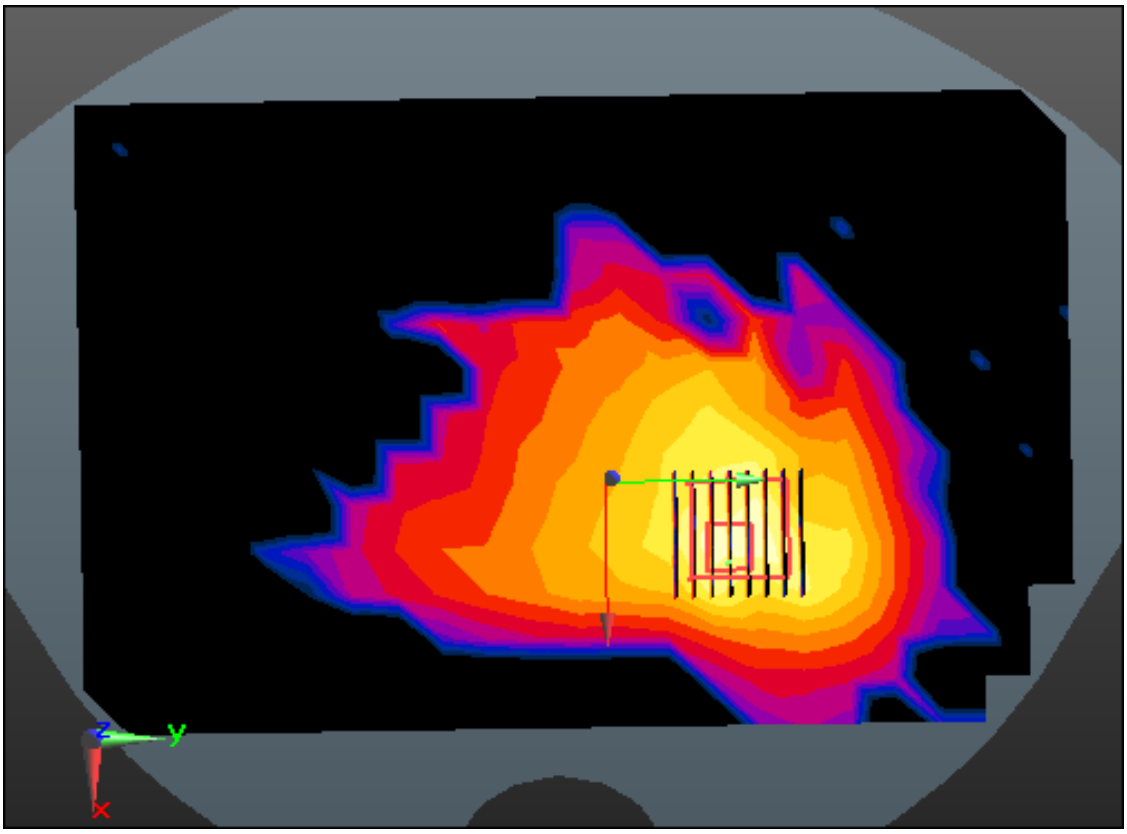
Test Date: 2020-02-25; Ambient Temp: 20.6; Tissue Temp: 20.9

Touch from Body, Rear, WLAN(802.11a) Ch. 100, Ant Internal, Ant.1

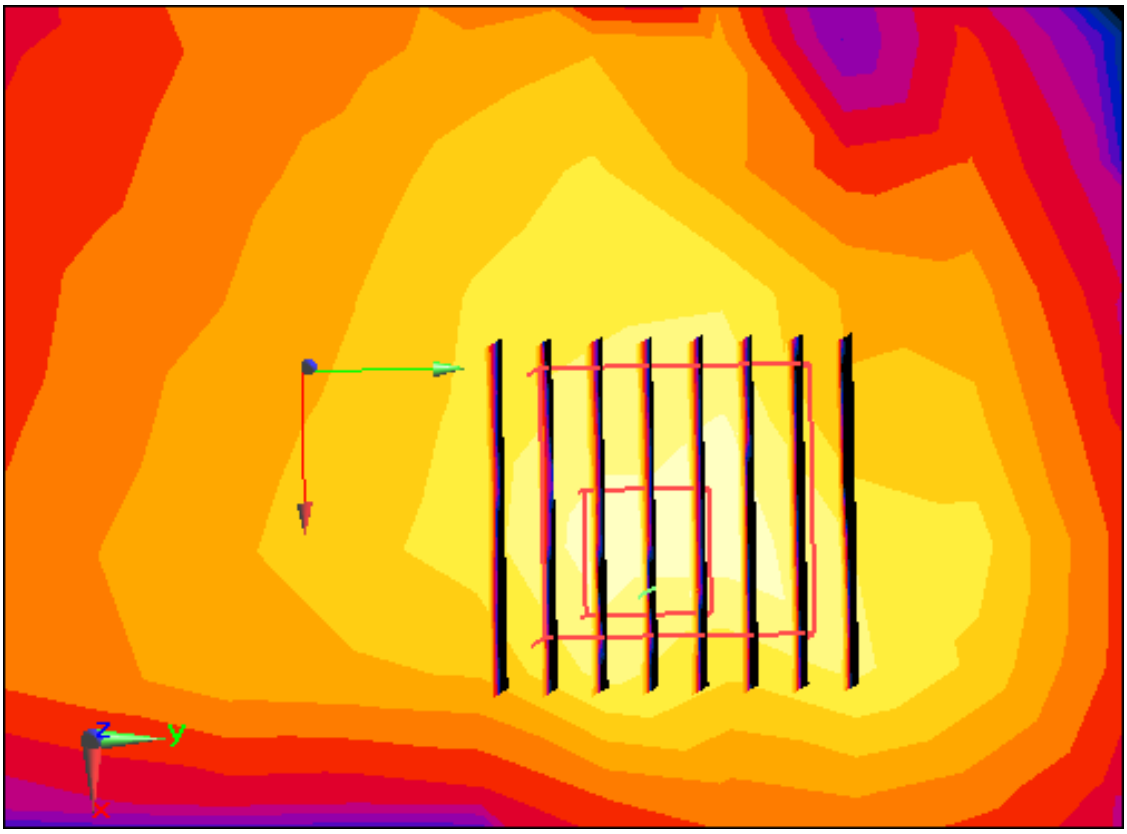
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 8.50 W/kg
SAR(1 g) = 1.46 W/kg; SAR(10 g) = 0.438 W/kg



0 dB = 4.01 W/kg



Enlarged Plot for A49



Enlarged Plot for A49

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

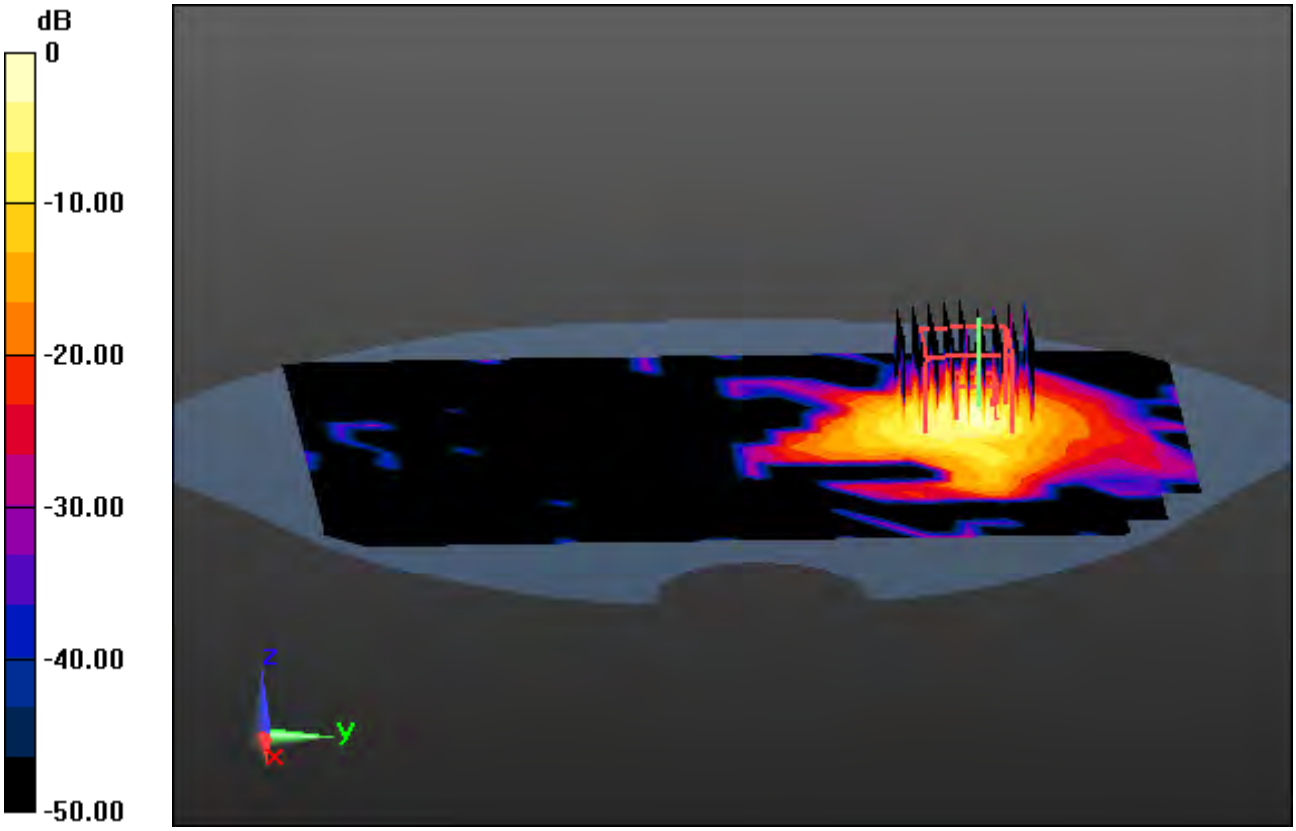
Communication System: UID 0, W-LAN_5500 (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.503 S/m; ε_r = 46.977; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2; Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

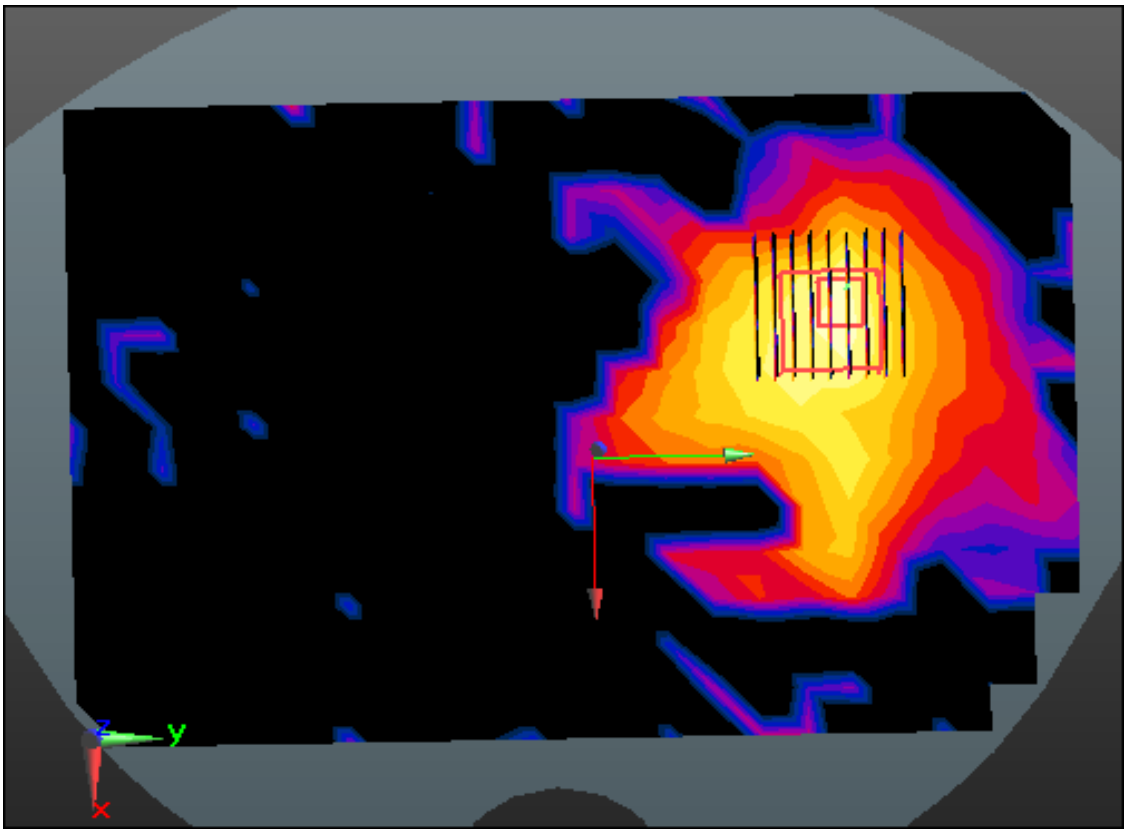
Test Date: 2020-02-25; Ambient Temp: 20.6; Tissue Temp: 20.9

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

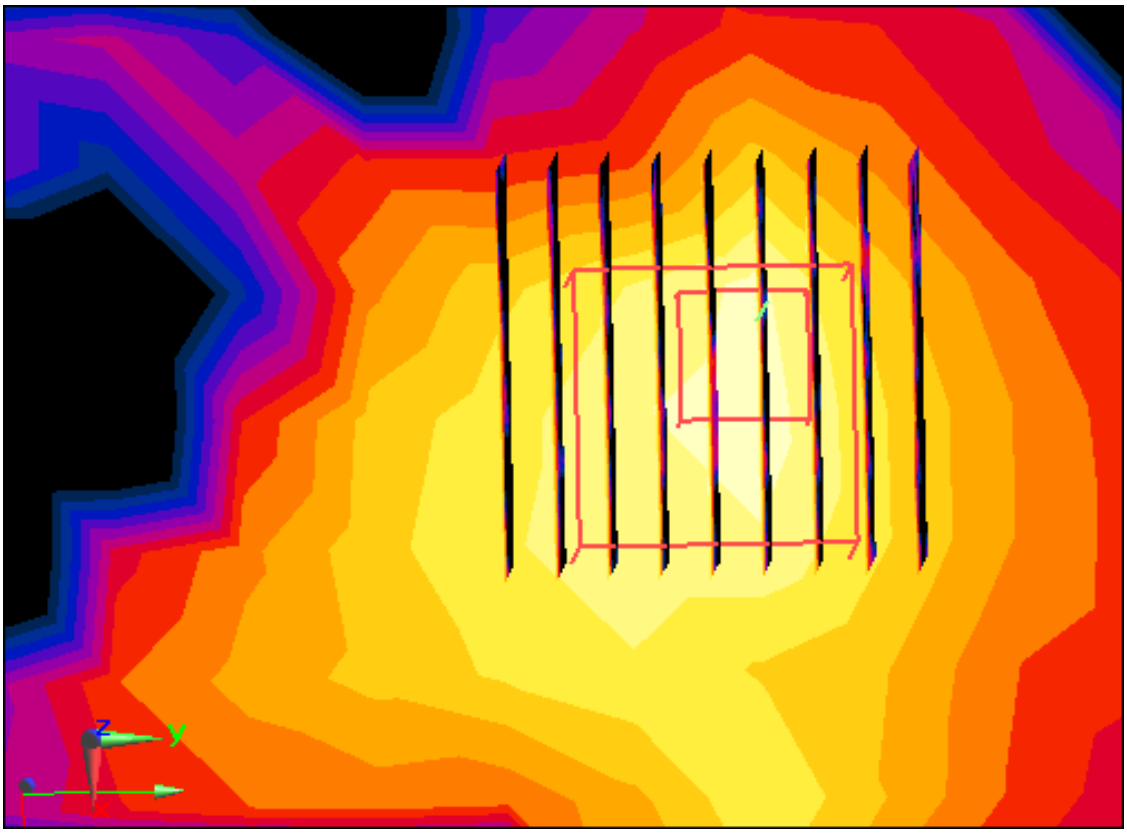
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.146 W/kg



0 dB = 1.38 W/kg



Enlarged Plot for A50



Enlarged Plot for A50

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

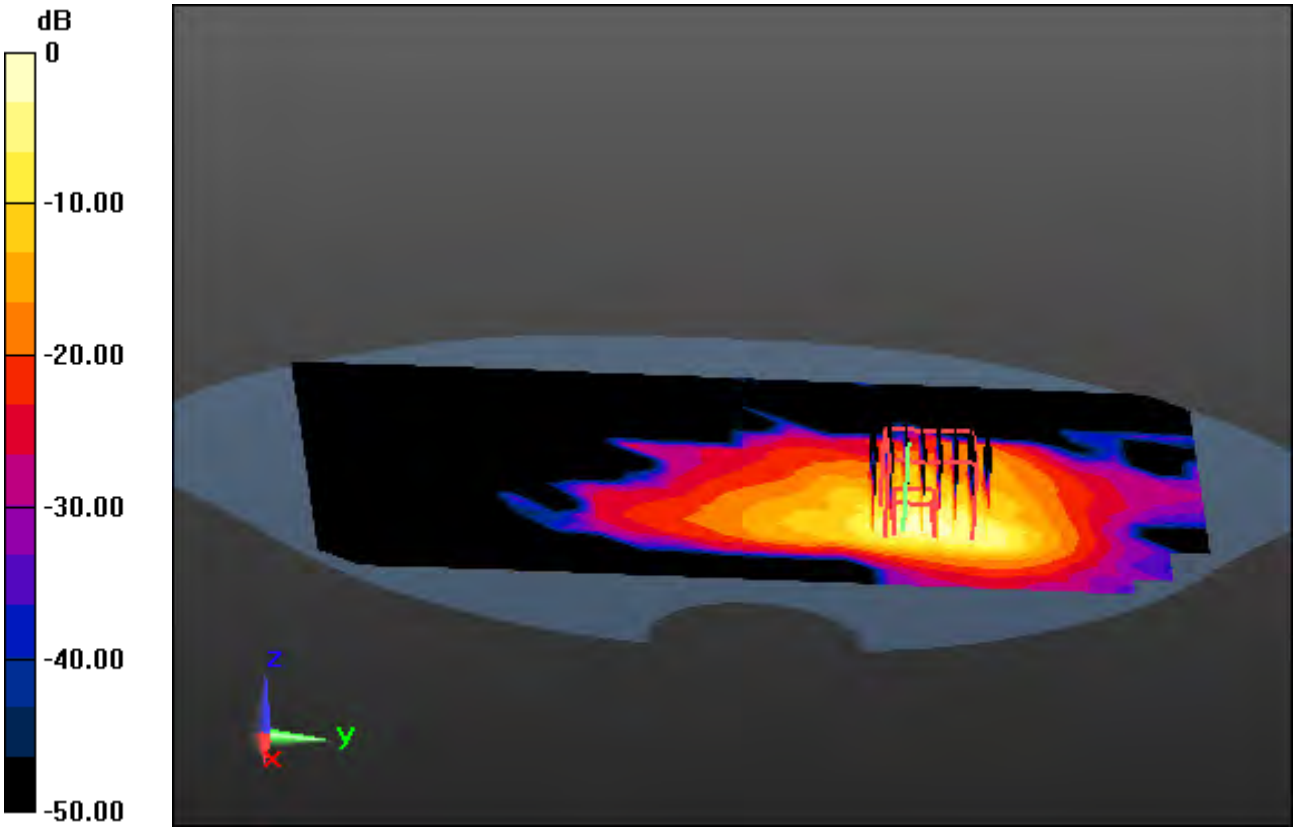
Communication System: UID 0, W-LAN_5500 (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.503 S/m; ε_r = 46.977; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

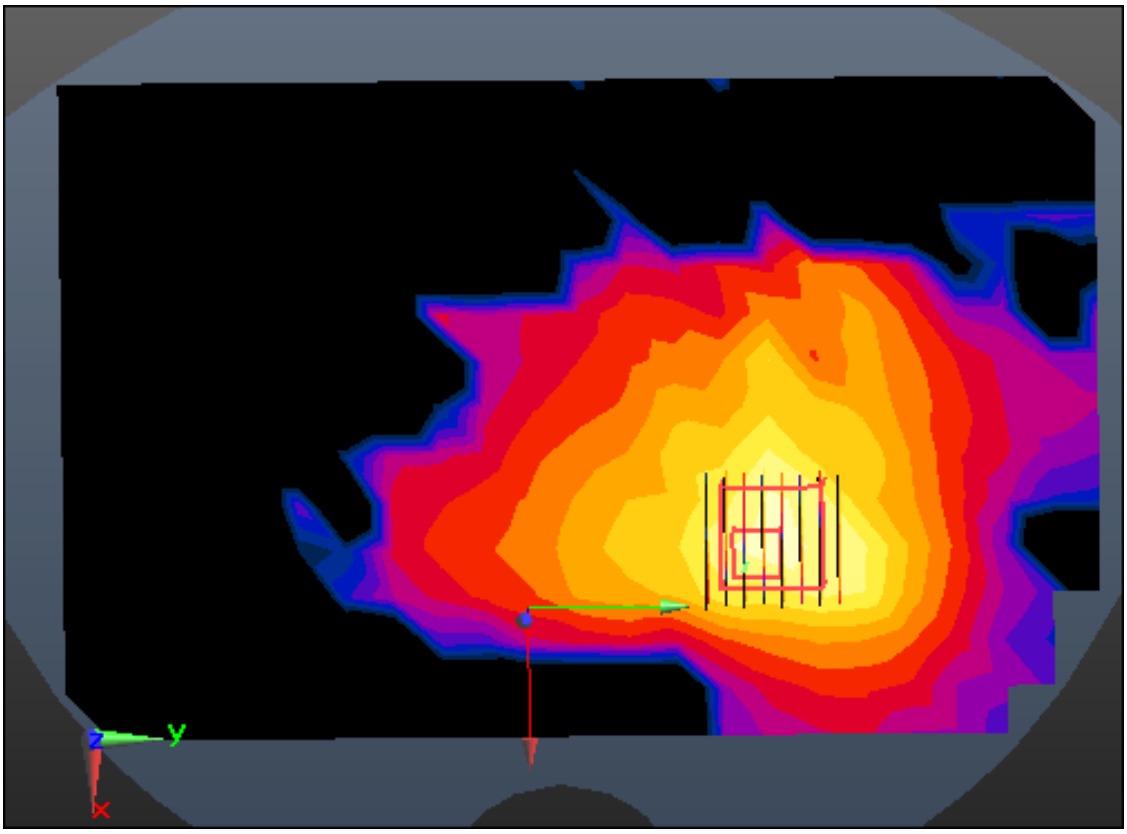
Test Date: 2020-02-25; Ambient Temp: 20.6; Tissue Temp: 20.9

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

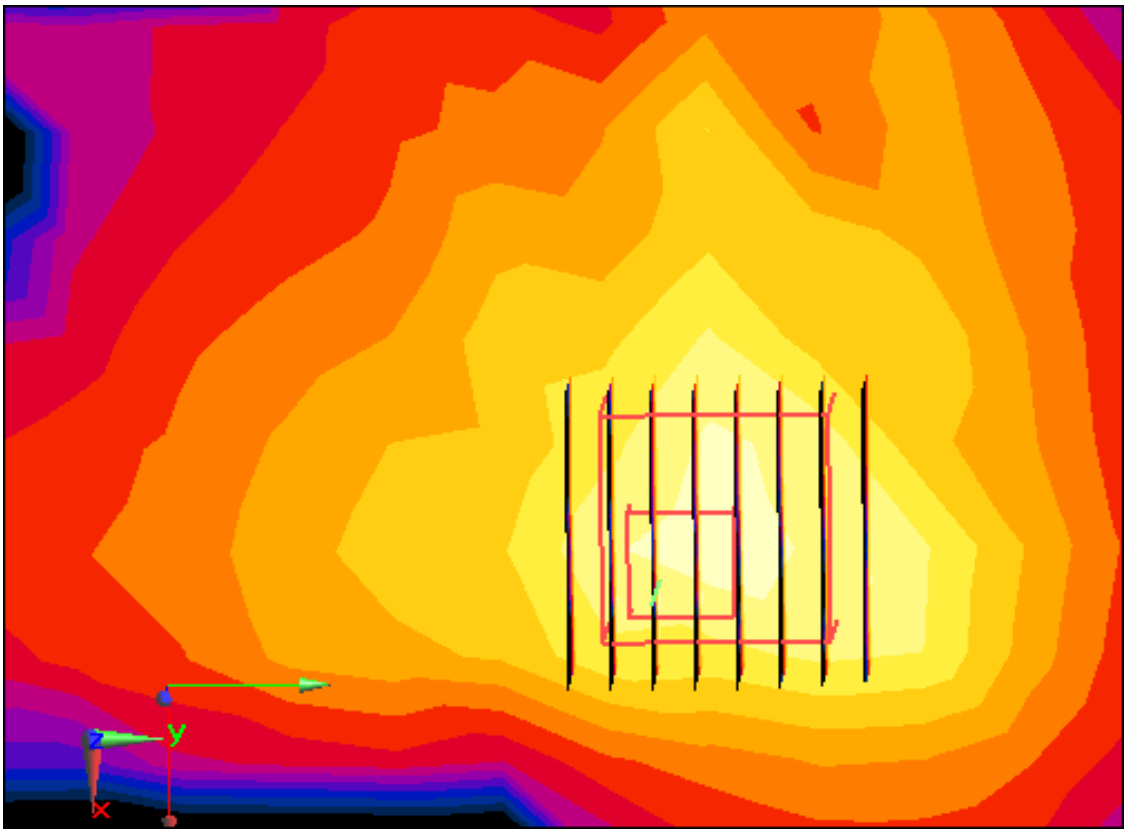
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 9.72 W/kg
SAR(1 g) = 1.71 W/kg; SAR(10 g) = 0.588 W/kg



0 dB = 5.01 W/kg



Enlarged Plot for A51



Enlarged Plot for A51

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

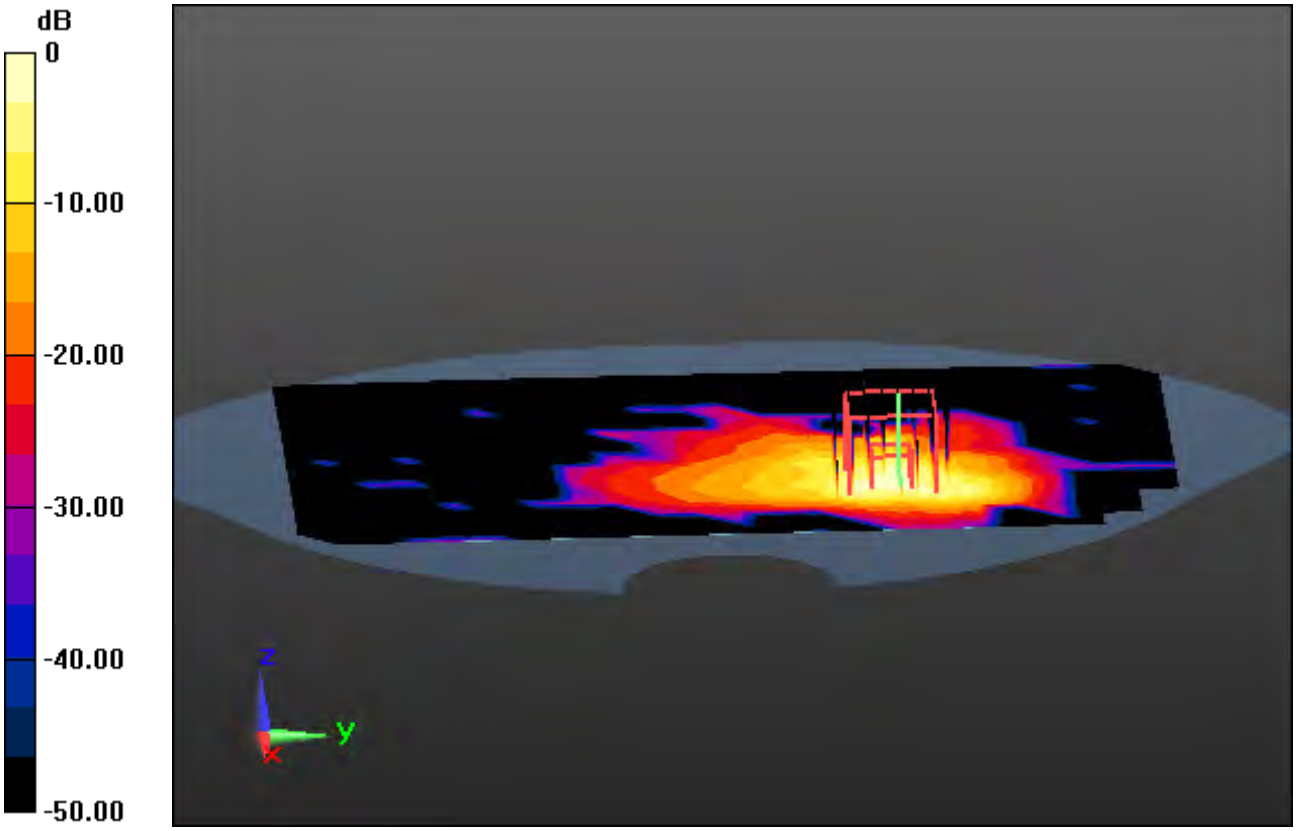
Communication System: UID 0, W-LAN_5800 (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.086 S/m; ε_r = 47.688; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

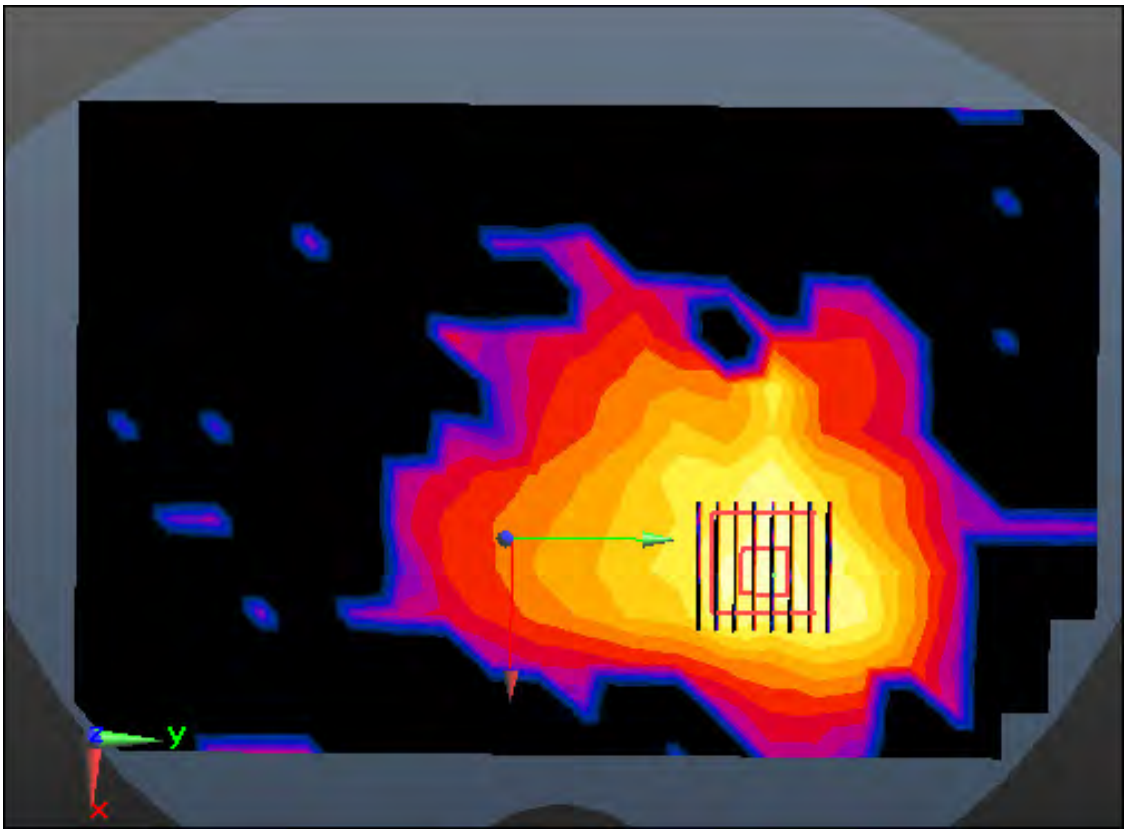
Test Date: 2020-02-26; Ambient Temp: 20.1; Tissue Temp: 20.7

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

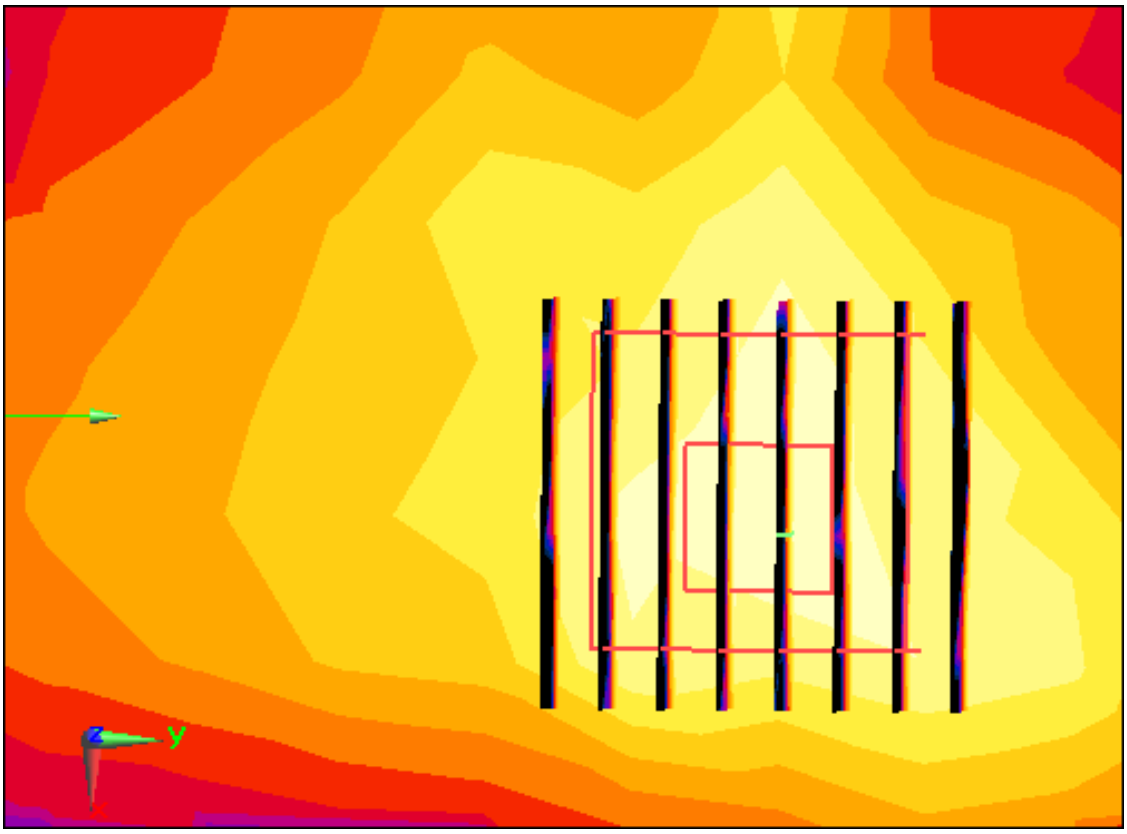
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 5.74 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.315 W/kg



0 dB = 2.66 W/kg



Enlarged Plot for A52



Enlarged Plot for A52

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

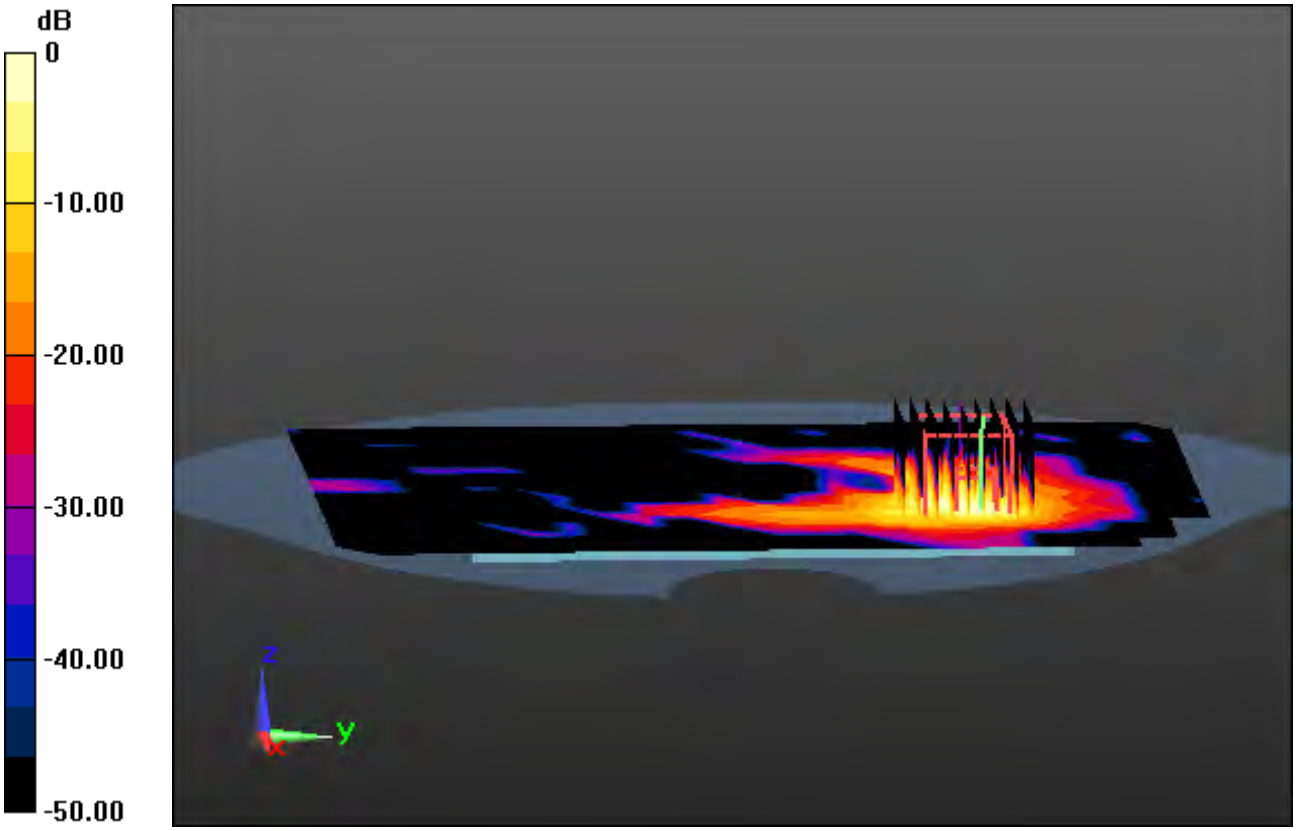
Communication System: UID 0, W-LAN_5800 (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.086 S/m; ε_r = 47.688; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

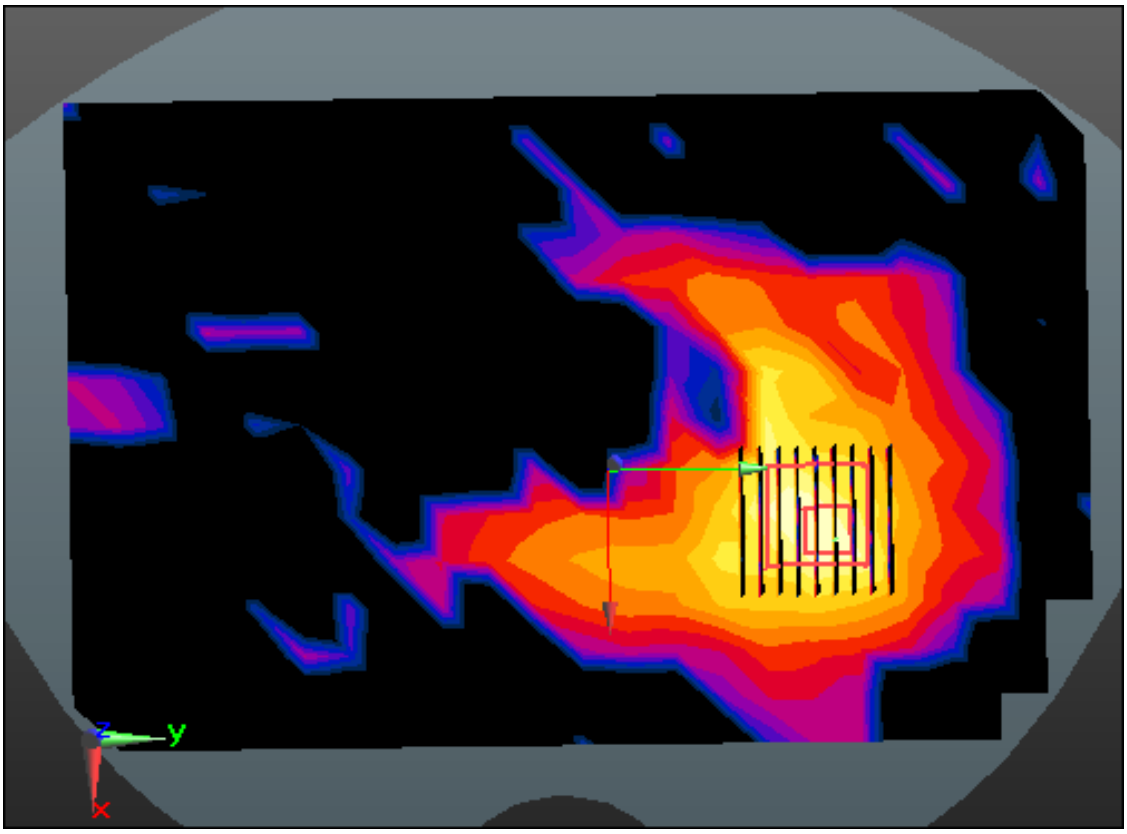
Test Date: 2020-02-26; Ambient Temp: 20.1; Tissue Temp: 20.7

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

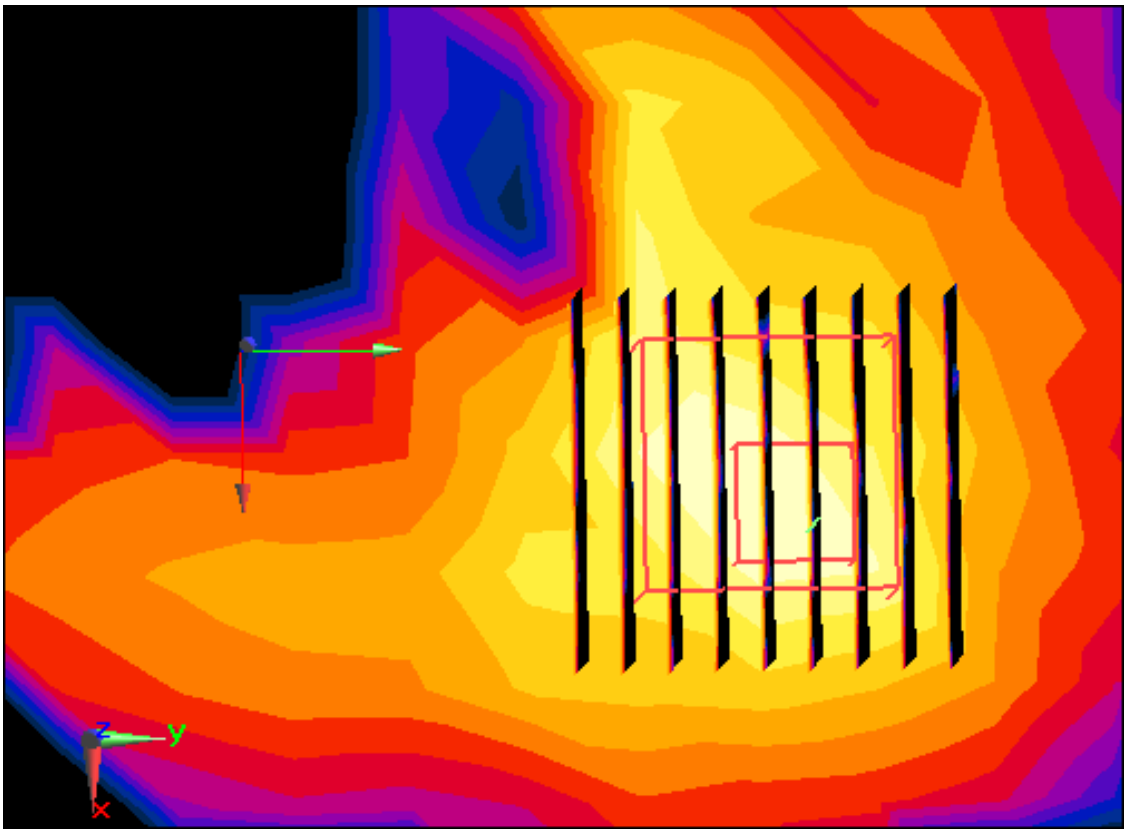
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 4.92 W/kg
SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.225 W/kg



0 dB = 2.29 W/kg



Enlarged Plot for A53



Enlarged Plot for A53

DT&C Co., Ltd.

DUT: OA2006; Type: Bar

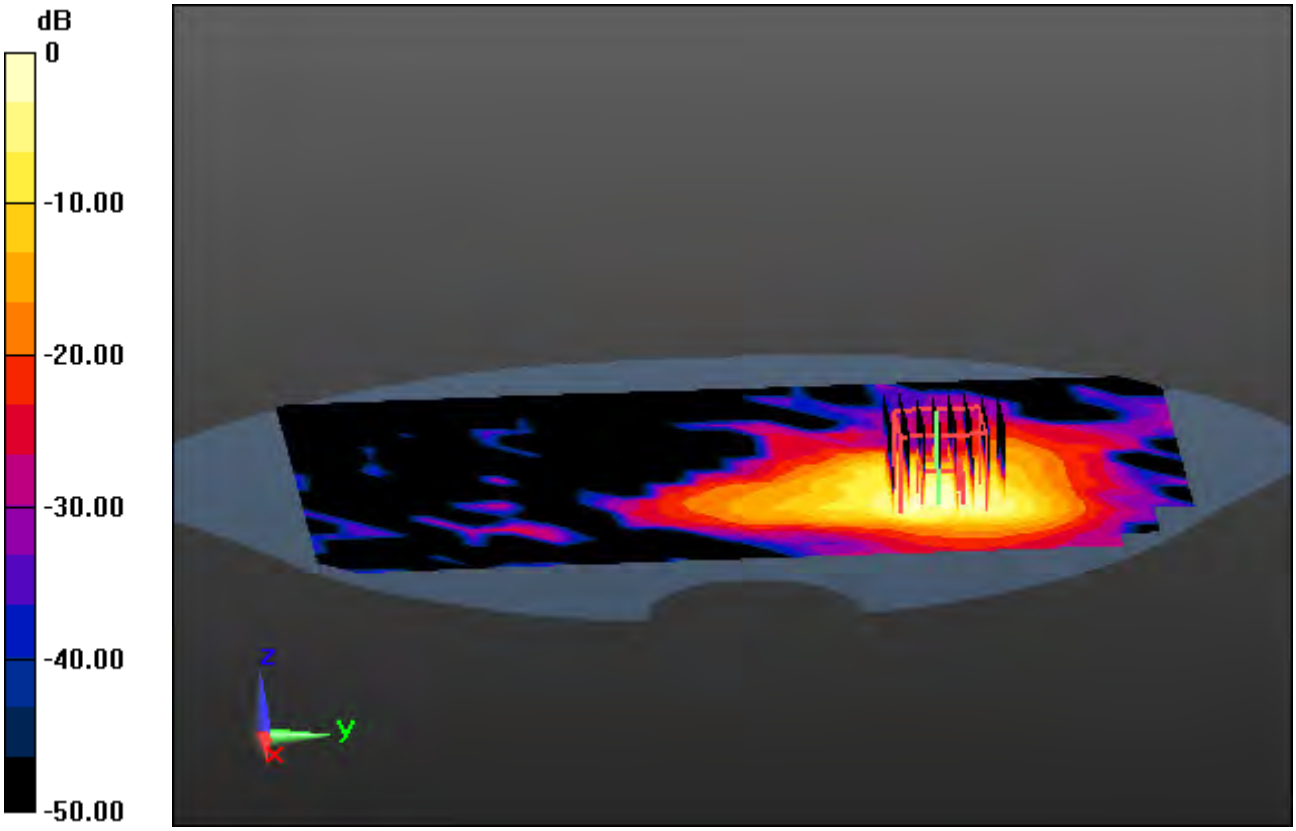
Communication System: UID 0, W-LAN_5800 (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.086 S/m; ε_r = 47.688; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

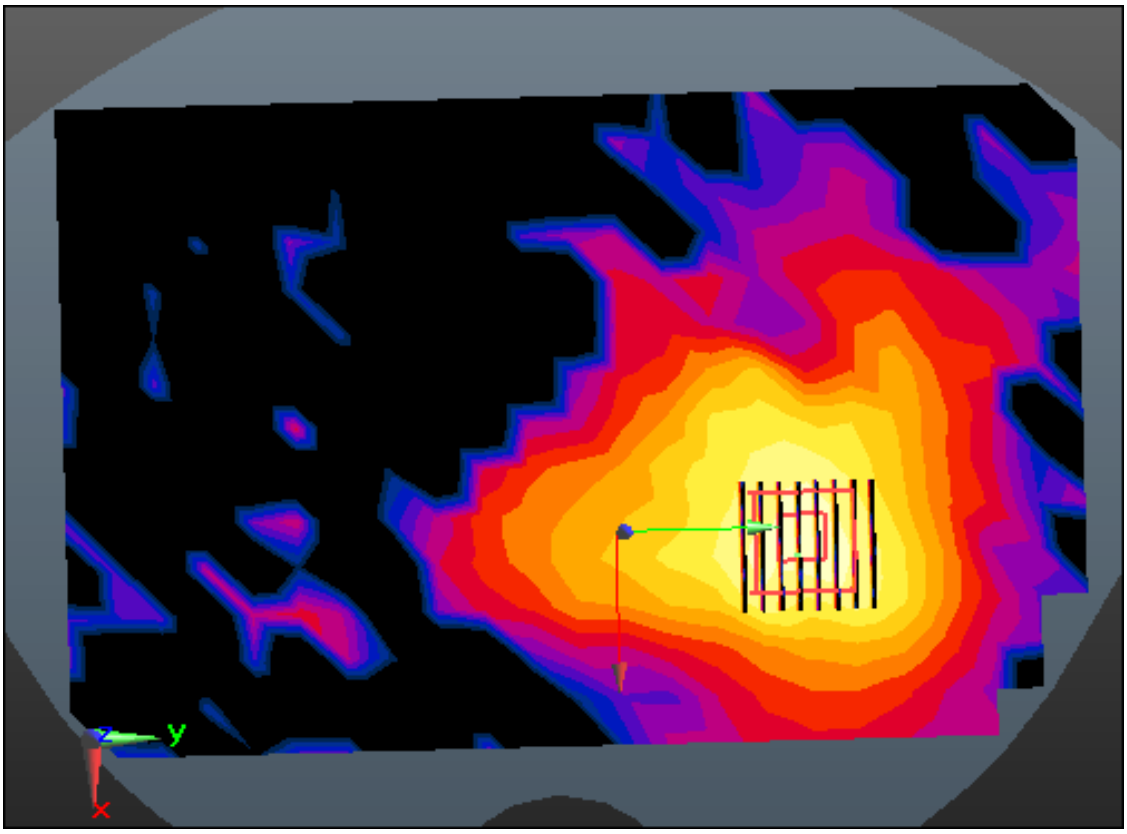
Test Date: 2020-02-26; Ambient Temp: 20.1; Tissue Temp: 20.7

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

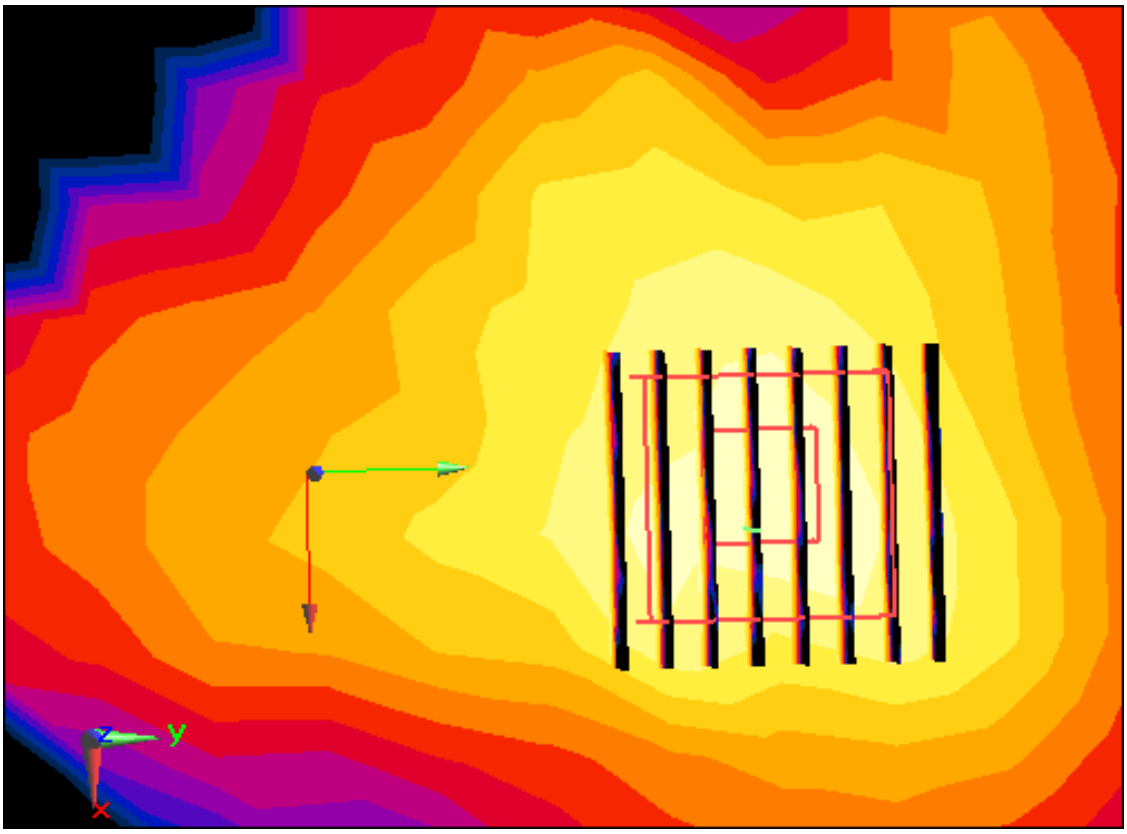
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 5.50 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.384 W/kg



0 dB = 2.88 W/kg



Enlarged Plot for A54



Enlarged Plot for A54