SAR Plots

- Verification Plots
- SAR Test Plots

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DT&C Co., Ltd.

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

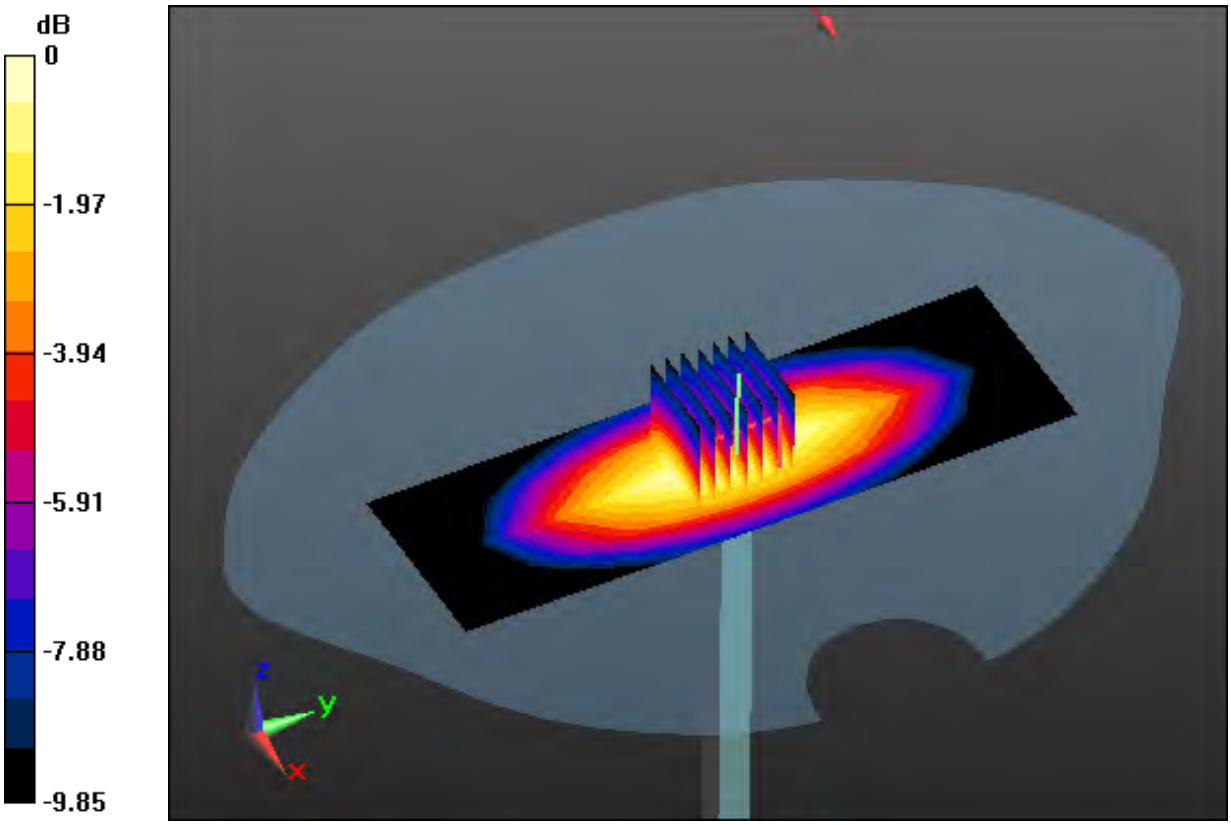
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.894 S/m; ε_r = 41.887; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(9.89, 9.89, 9.89); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (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: 2020-06-05; Ambient Temp: 20.5; Tissue Temp: 20.4

750 MHz System Head Verification (250 mW)

Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.38 W/kg



0 dB = 2.58 W/kg

DT&C Co., Ltd.

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

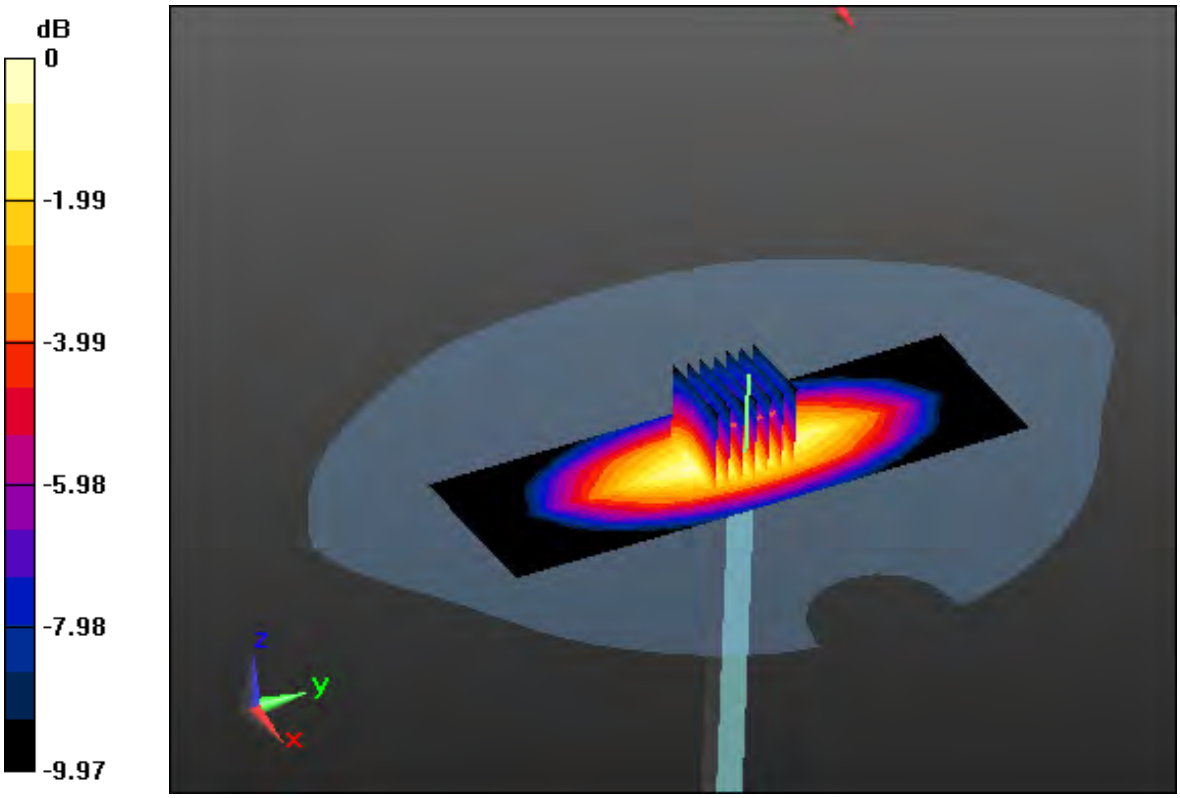
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.964 S/m; ε_r = 57.372; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 5/27/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (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: 2020-06-10; Ambient Temp: 20.8; Tissue Temp: 20.6

750 MHz System Body Verification (250 mW)

Area Scan (5x14x1): 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) = 3.09 W/kg
SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.37 W/kg



0 dB = 2.60 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN464

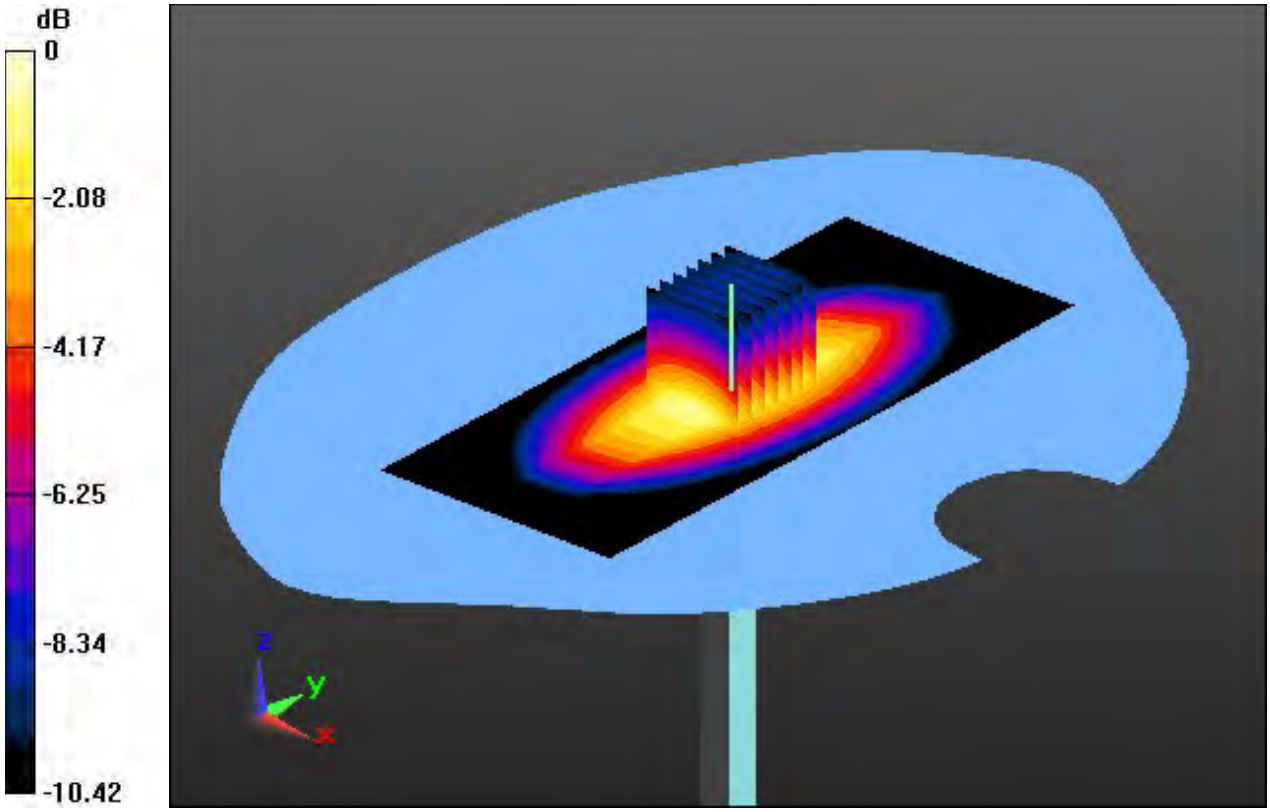
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.915 S/m; ε_r = 40.884; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.35, 10.35, 10.35) @ 835 MHz; Calibrated: 2019-11-27
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-09; Ambient Temp: 20.7; Tissue Temp: 20.6

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 = 0.01 dB
Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.49 W/kg



0 dB = 2.86 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN464

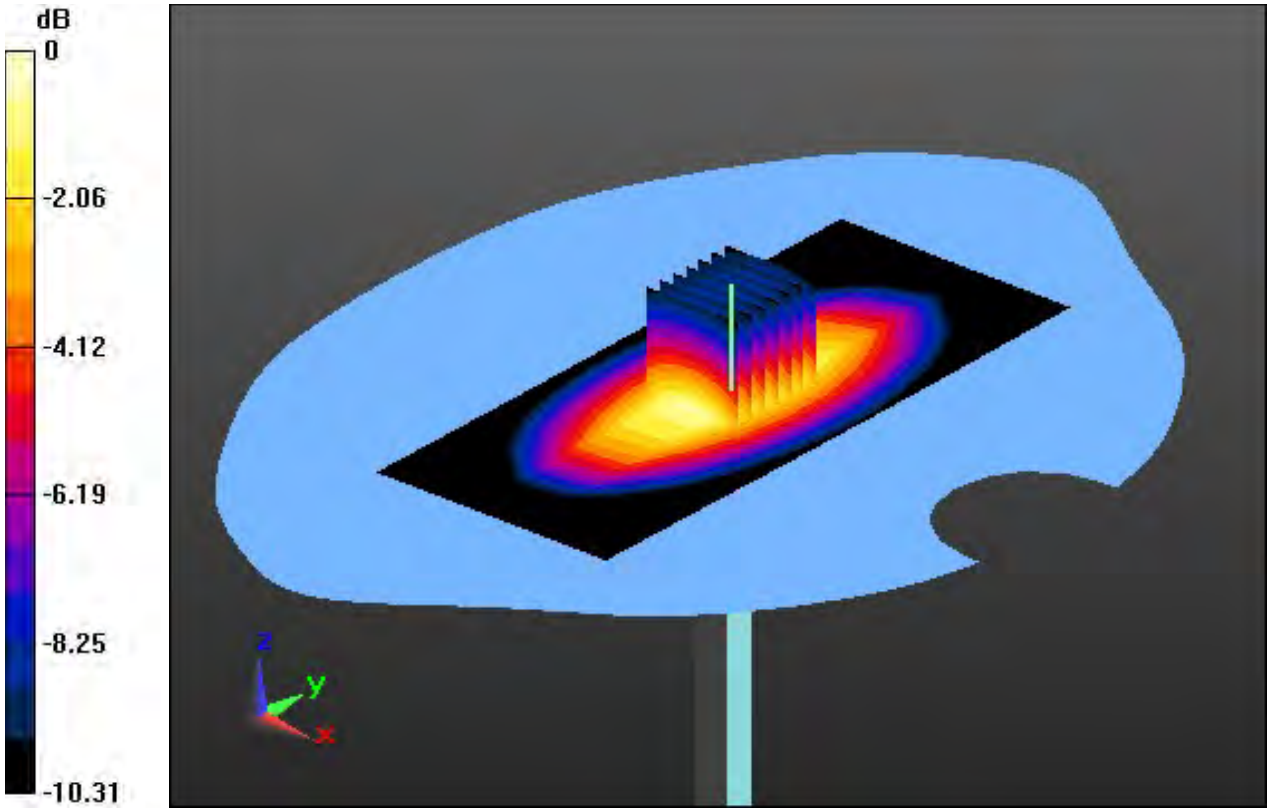
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 1.007 S/m; ε_r = 53.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.6, 10.6, 10.6) @ 835 MHz; Calibrated: 2019-11-27
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-10; Ambient Temp: 20.3; Tissue Temp: 20.2

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 = -0.01 dB
Peak SAR (extrapolated) = 3.65 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.64 W/kg



0 dB = 3.12 W/kg

DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d202

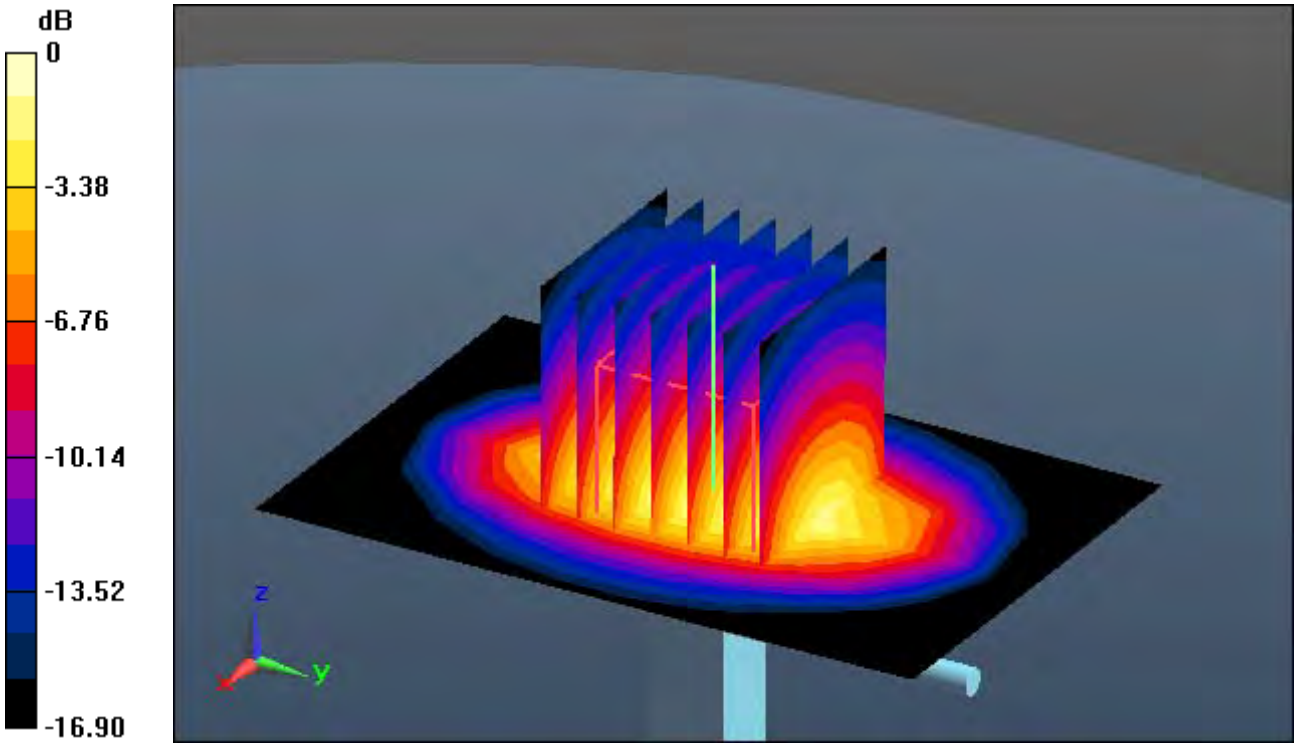
Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.406 S/m; ε_r = 41.162; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.59, 5.59, 5.59); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-08; Ambient Temp: 21.3; Tissue Temp: 21.5

1800 MHz System Head Verification(100mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 7.45 W/kg
SAR(1 g) = 4.05 W/kg; SAR(10 g) = 2.04 W/kg



0 dB = 4.58 W/kg

DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d202

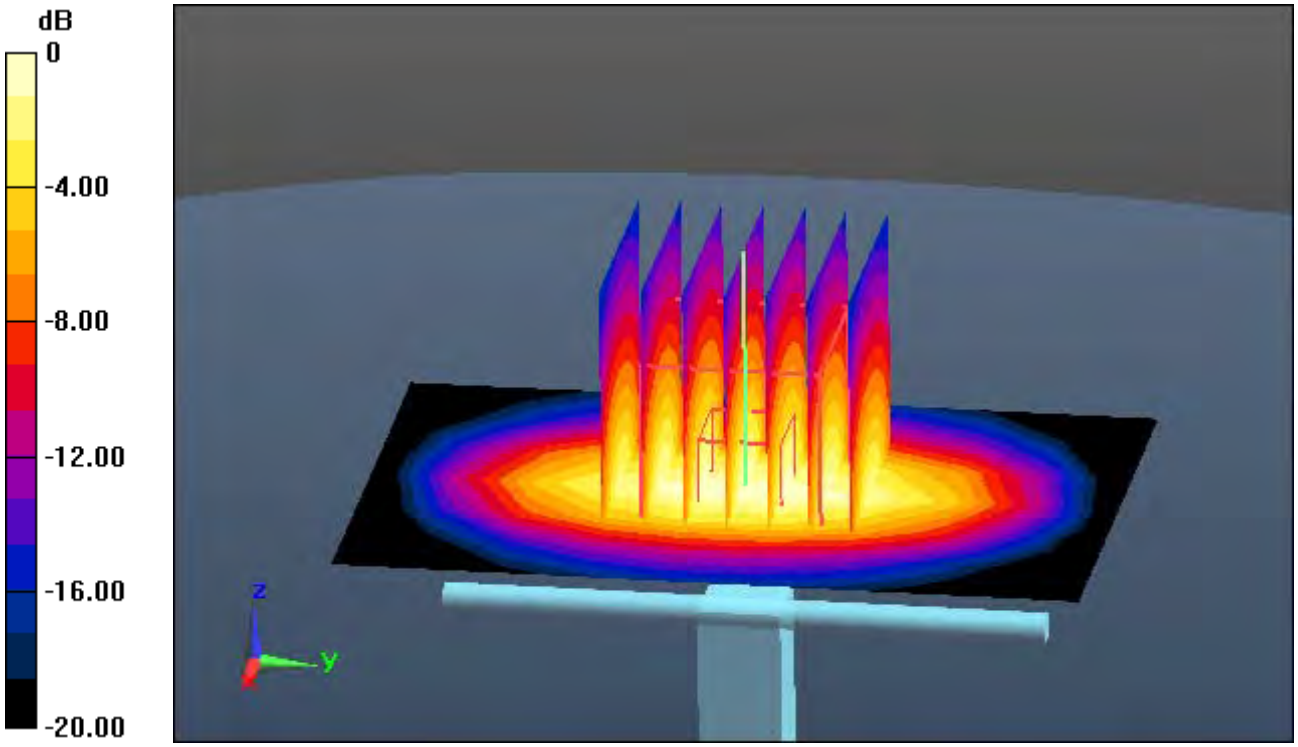
Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.535 S/m; ε_r = 51.499; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-09; Ambient Temp: 21.7; Tissue Temp: 21.9

1800 MHz System Body Verification(100mW)

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) = 5.15 W/kg
SAR(1 g) = 3.96 W/kg; SAR(10 g) = 2.12 W/kg



0 dB = 4.43 W/kg

DT&C Co., Ltd.

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

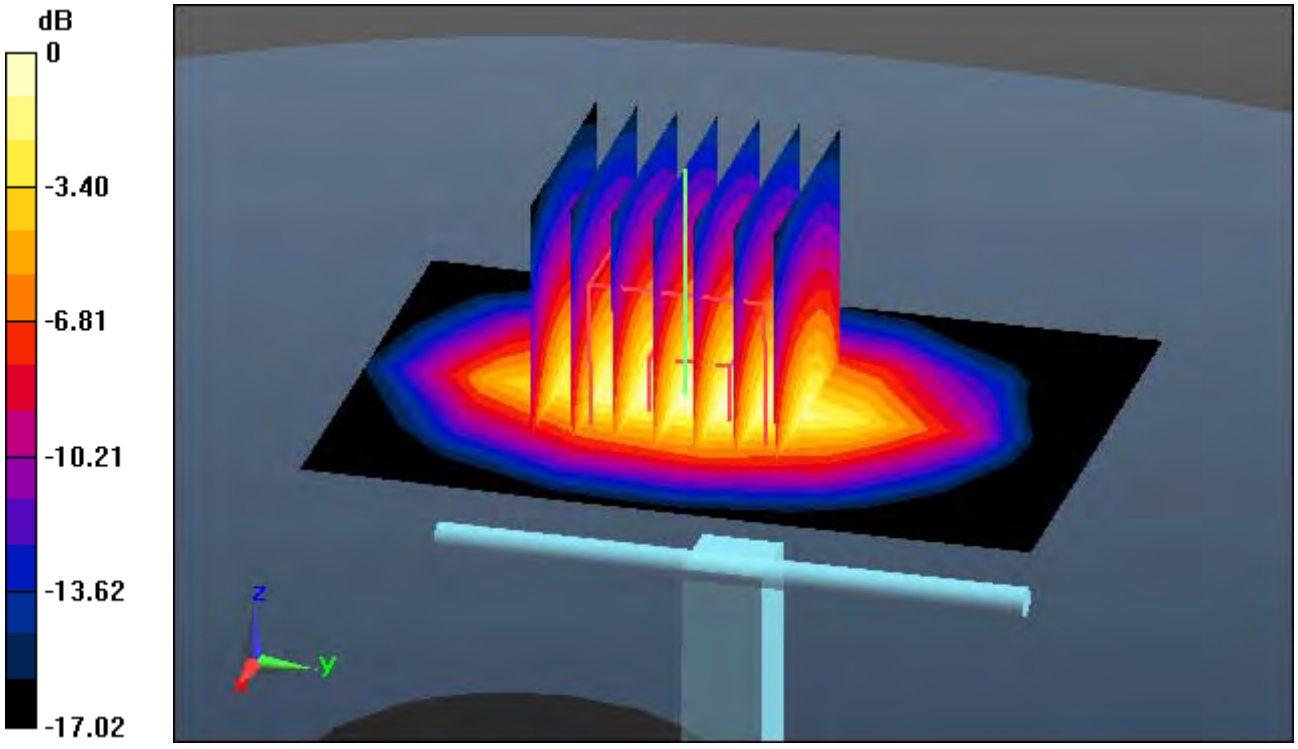
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.441 S/m; ε_r = 38.645; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-04; Ambient Temp: 21.5; Tissue Temp: 21.7

1900 MHz System Haed Verification(100mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 7.5 W/kg
SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.05 W/kg



0 dB = 4.45 W/kg

DT&C Co., Ltd.

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

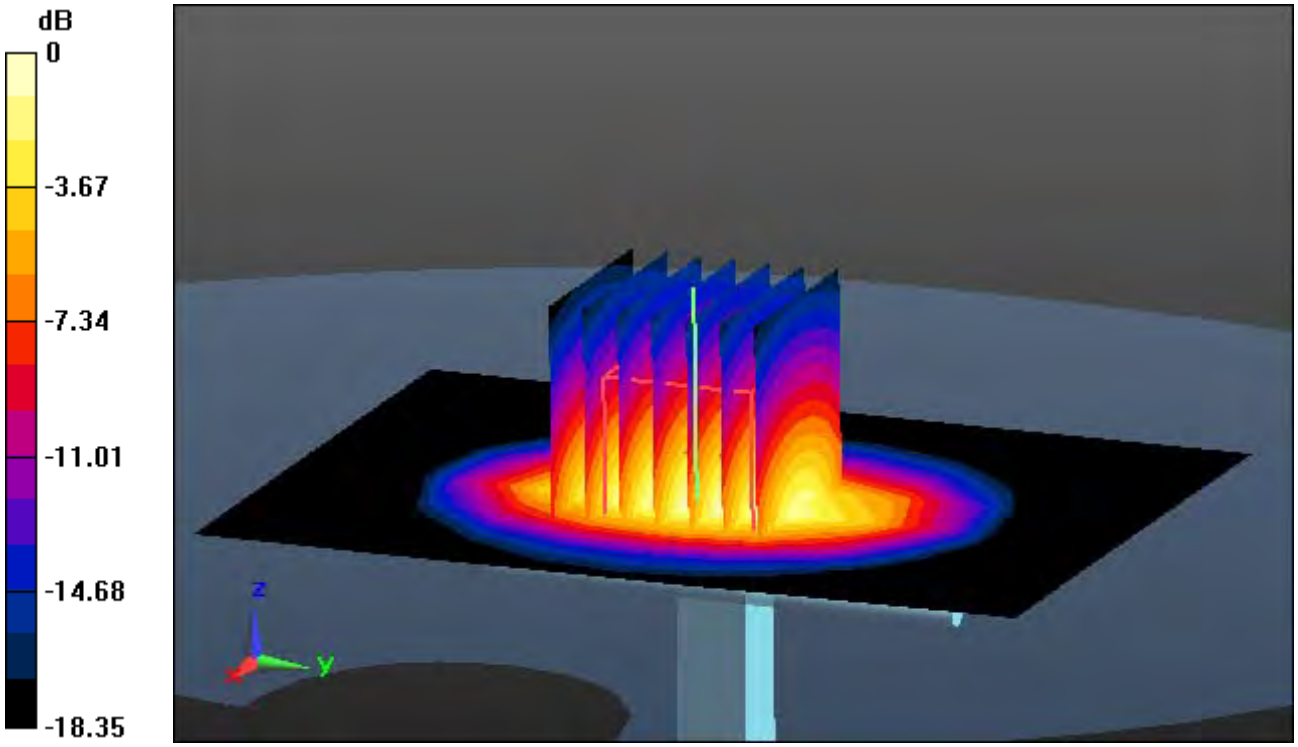
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.529 S/m; ε_r = 51.654; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.2

1900 MHz System Body Verification(100mW)

Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 5.16 W/kg
SAR(1 g) = 3.81 W/kg; SAR(10 g) = 1.99 W/kg



0 dB = 7.24 W/kg

DT&C Co., Ltd.

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

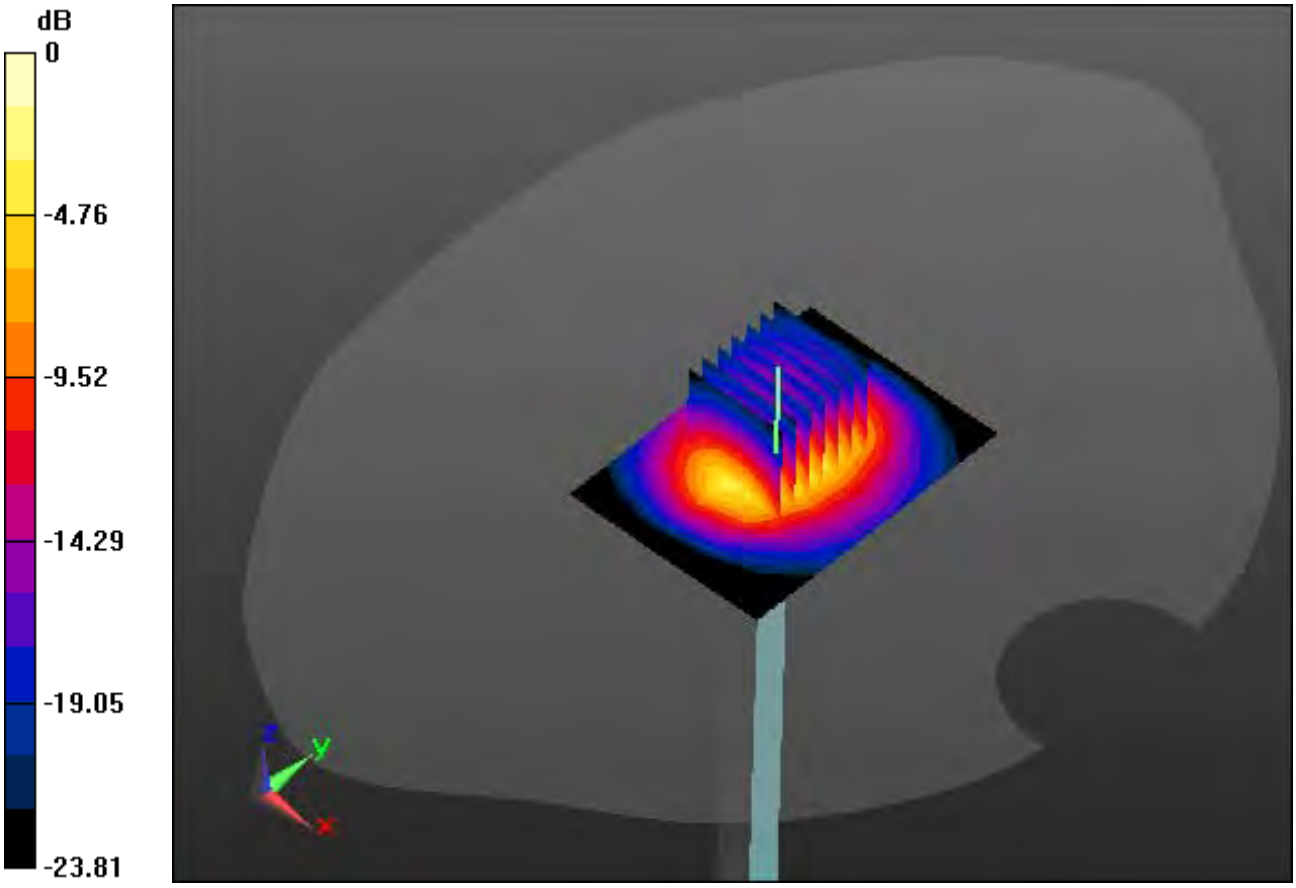
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.776 S/m; ε_r = 40.589; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.66, 7.66, 7.66) @ 2450 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-05-27; Ambient Temp: 21.3; Tissue Temp: 21.2

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 = 0.04 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 5.19 W/kg; SAR(10 g) = 2.34 W/kg



0 dB = 8.09 W/kg

DT&C Co., Ltd.

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

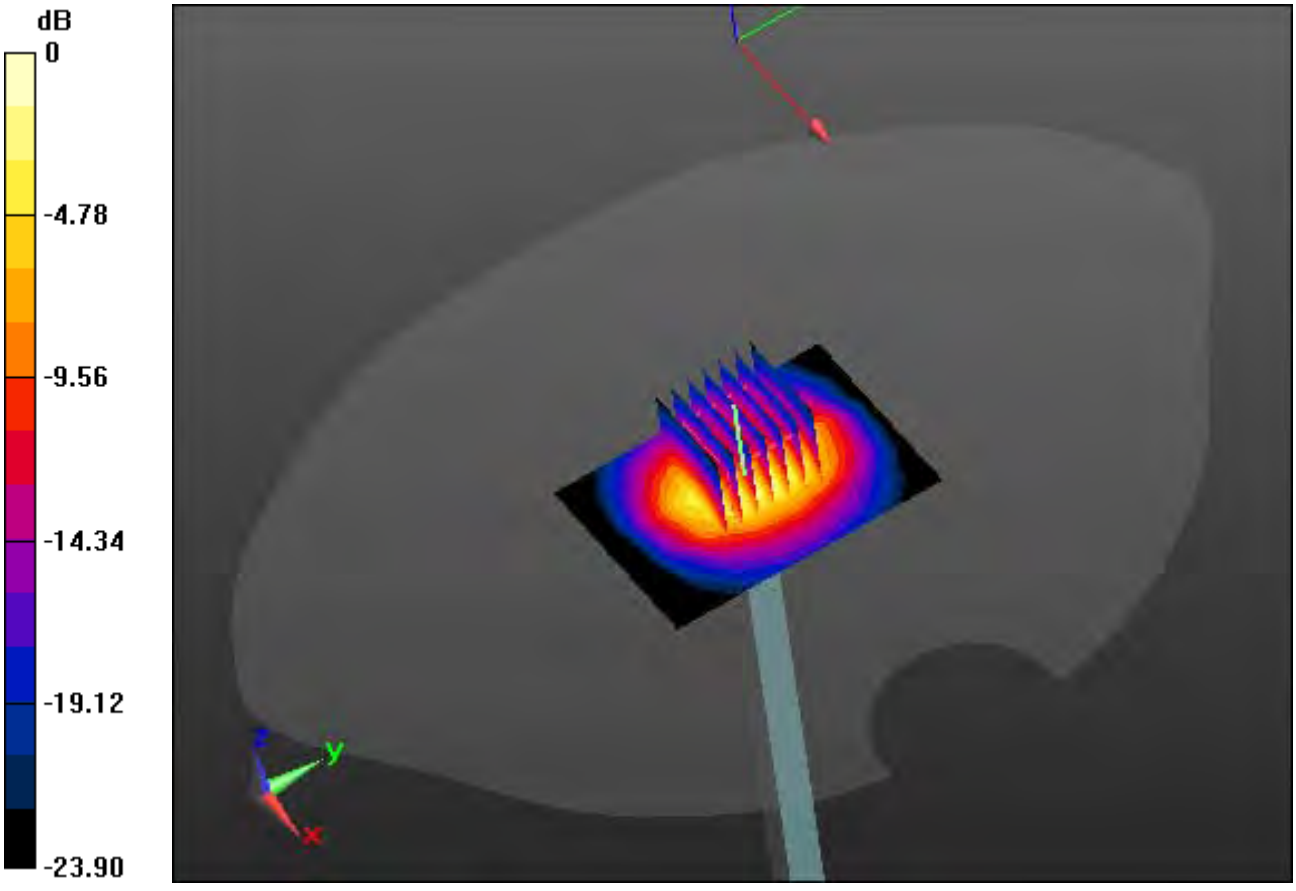
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.972 S/m; ε_r = 51.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.88, 7.88, 7.88) @ 2450 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-05-28; Ambient Temp: 21.4; Tissue Temp: 21.3

2450 MHz System Body Verification (100 mW)

Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 5.02 W/kg; SAR(10 g) = 2.31 W/kg



0 dB = 7.82 W/kg

DT&C Co., Ltd.

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1103

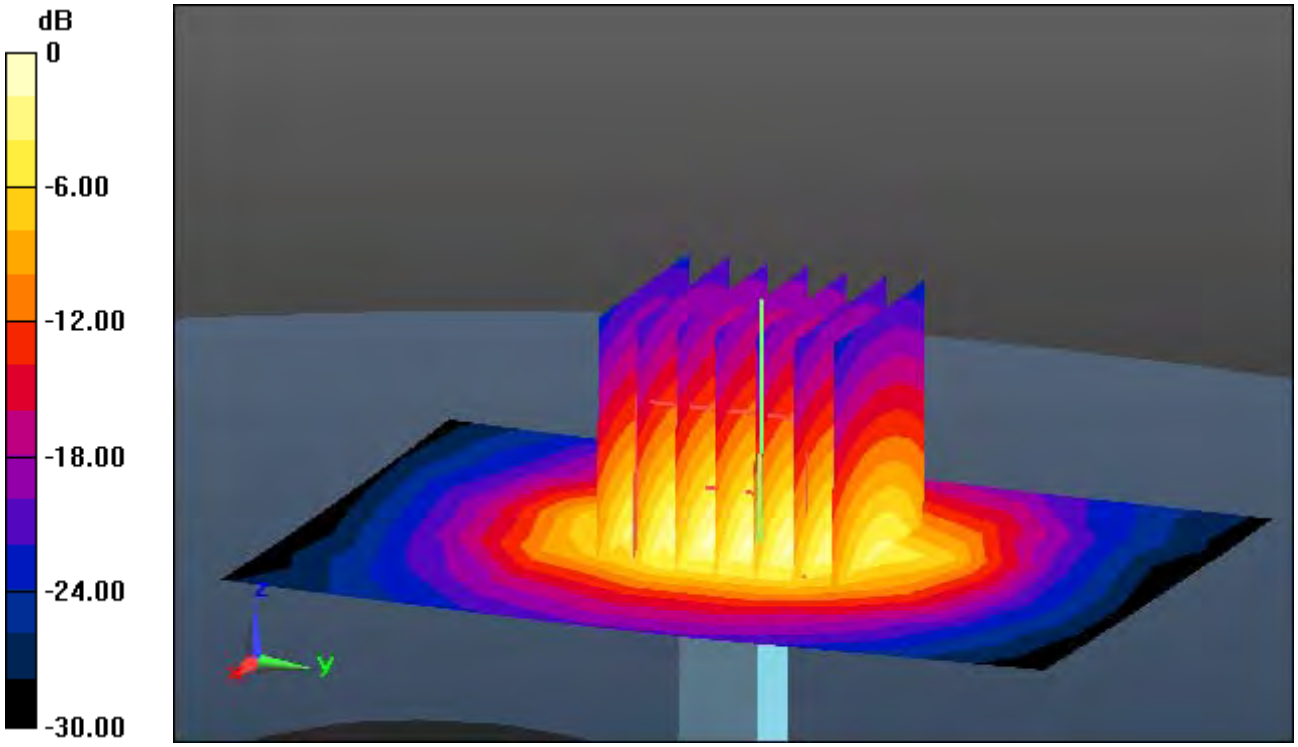
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.01 S/m; ε_r = 38.656; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.58, 4.58, 4.58); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-18; Ambient Temp: 21.5; Tissue Temp: 21.6

2600 MHz System Head Verification(100mW)

Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 11.21 W/kg
SAR(1 g) = 5.86 W/kg; SAR(10 g) = 2.58 W/kg



0 dB = 8.35 W/kg

DT&C Co., Ltd.

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1103

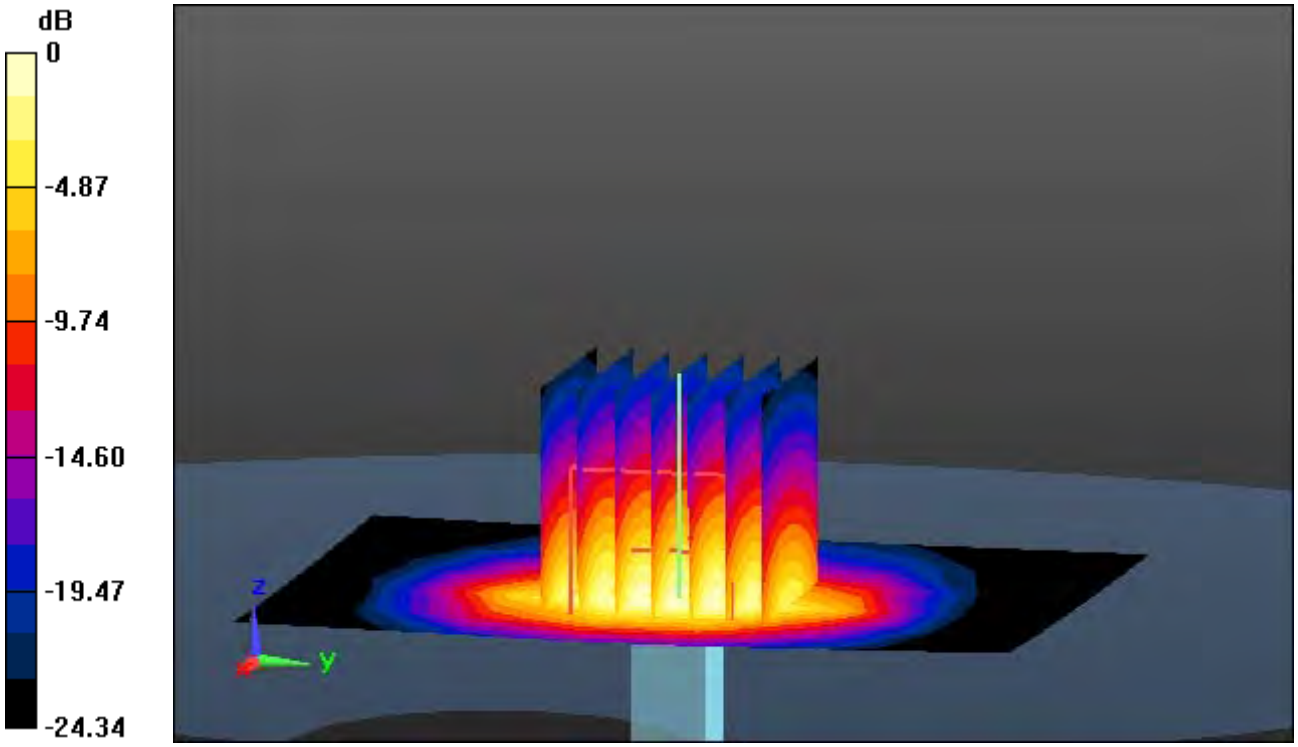
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.1 S/m; ε_r = 51.942; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-18; Ambient Temp: 22.1; Tissue Temp: 21.9

2600 MHz System Body Verification(100mW)

Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 11.98 W/kg
SAR(1 g) = 5.58 W/kg; SAR(10 g) = 2.41 W/kg



0 dB = 8.56 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

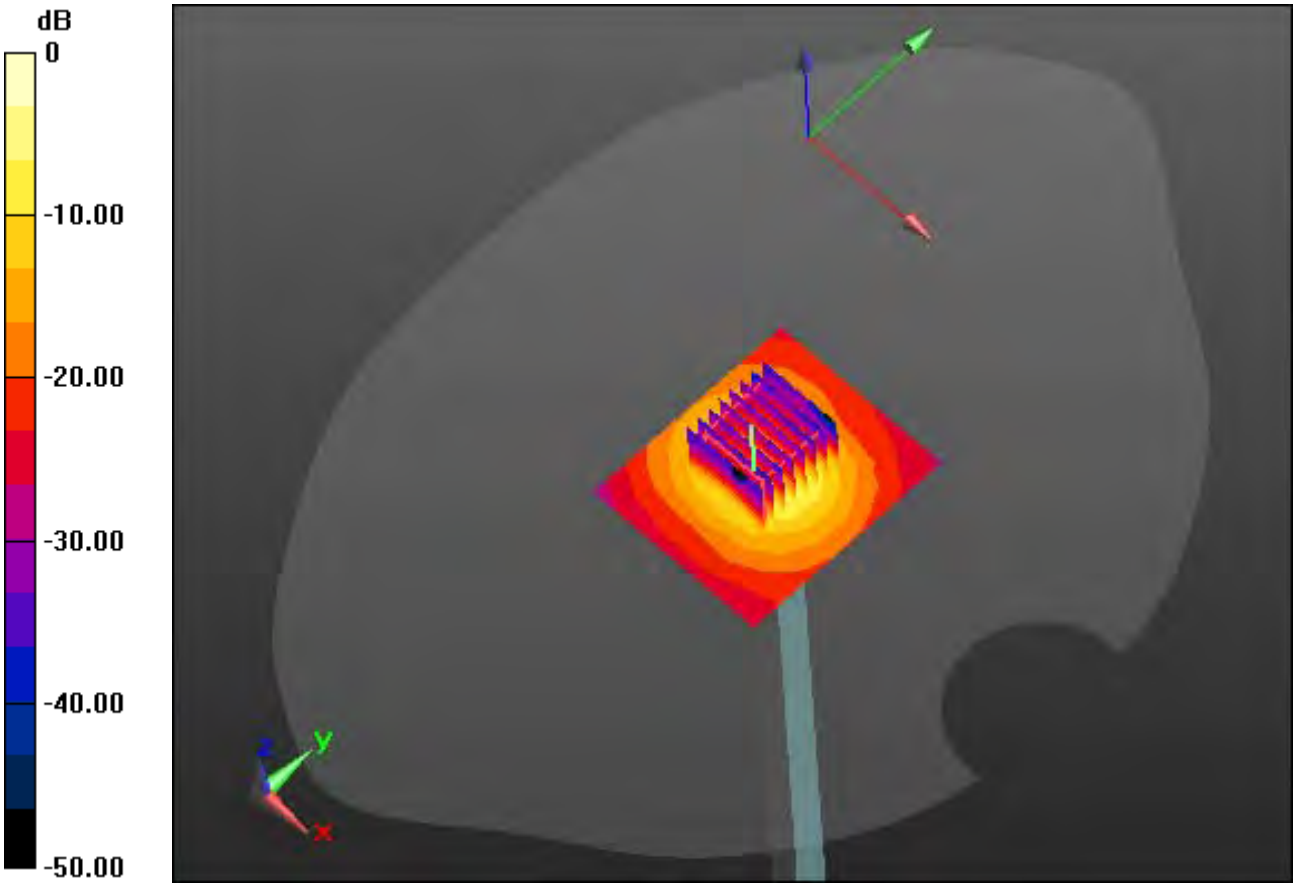
Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.189 S/m; ε_r = 47.385; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.65, 4.65, 4.65) @ 5200 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-08; Ambient Temp: 21.6; Tissue Temp: 21.7

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 = 0.07 dB
Peak SAR (extrapolated) = 27.9 W/kg
SAR(1 g) = 7.14 W/kg; SAR(10 g) = 2.03 W/kg



0 dB = 16.2 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

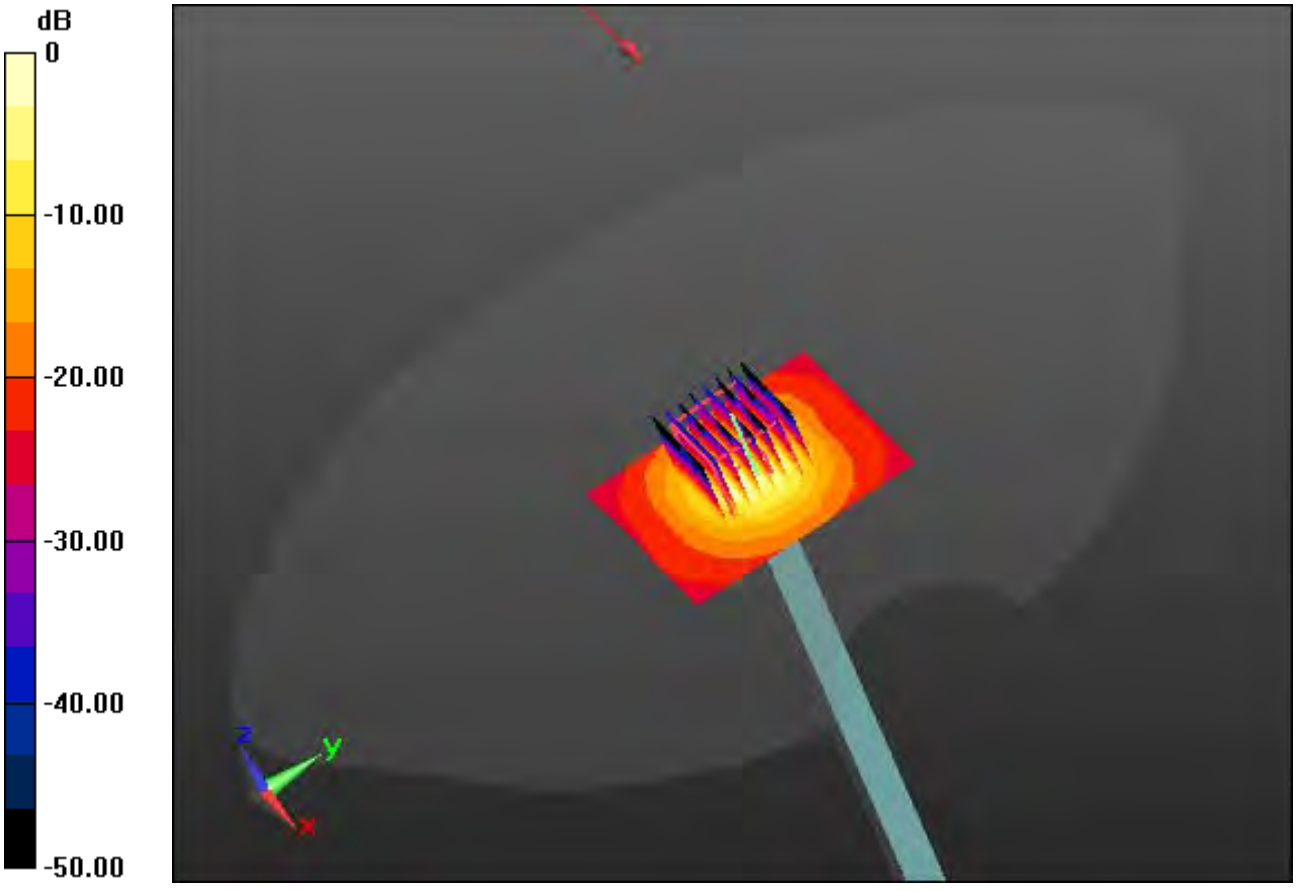
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.713 S/m; ε_r = 35.345; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.3, 5.3, 5.3) @ 5300 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-01; Ambient Temp: 20.6; Tissue Temp: 20.5

5300 MHz System Head Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 37.2 W/kg
SAR(1 g) = 8.19 W/kg; SAR(10 g) = 2.27 W/kg



0 dB = 20.0 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

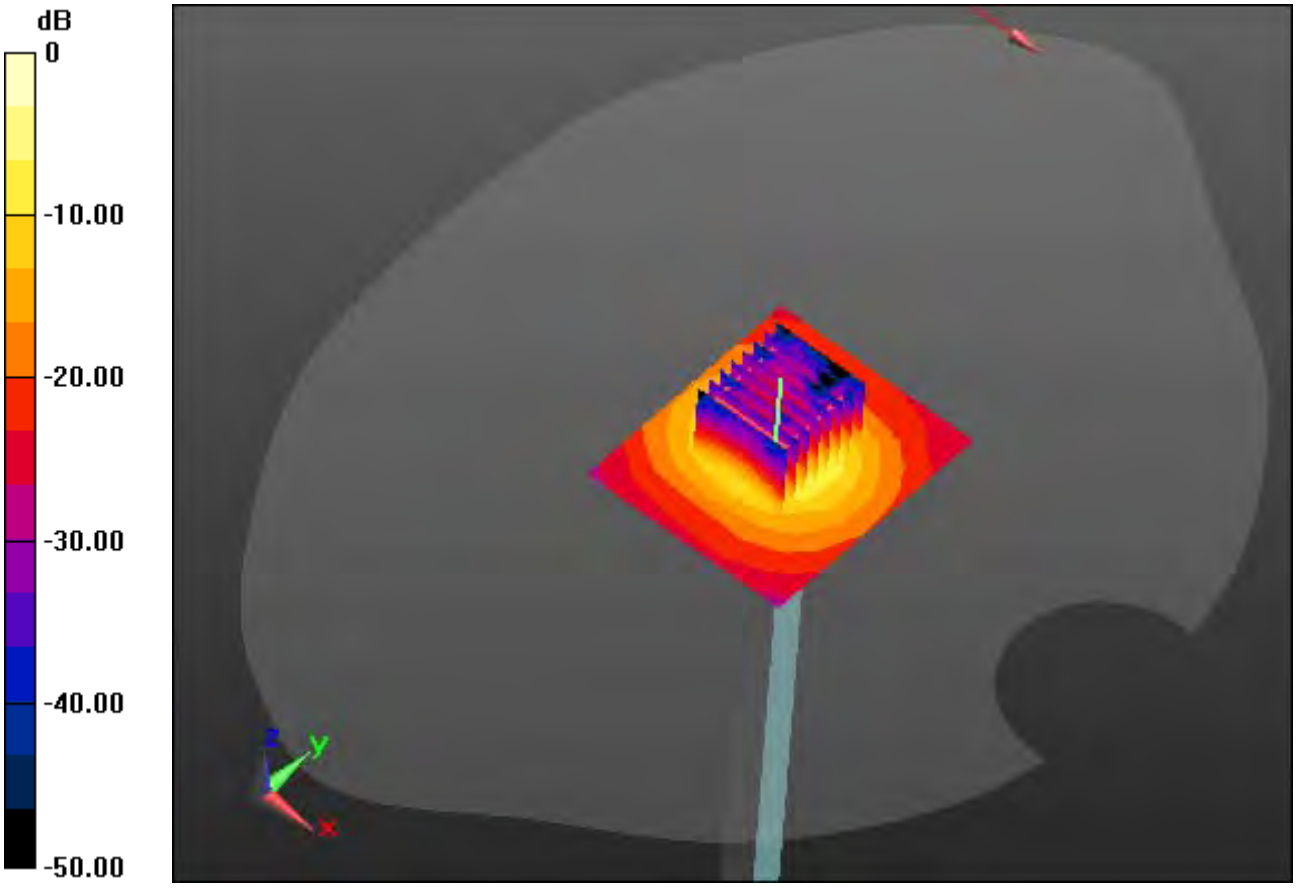
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.311 S/m; ε_r = 47.217; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.5, 4.5, 4.5) @ 5300 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-08; Ambient Temp: 21.6; Tissue Temp: 21.7

5300 MHz System Body Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 28.1 W/kg
SAR(1 g) = 7.25 W/kg; SAR(10 g) = 2.06 W/kg



0 dB = 16.6 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

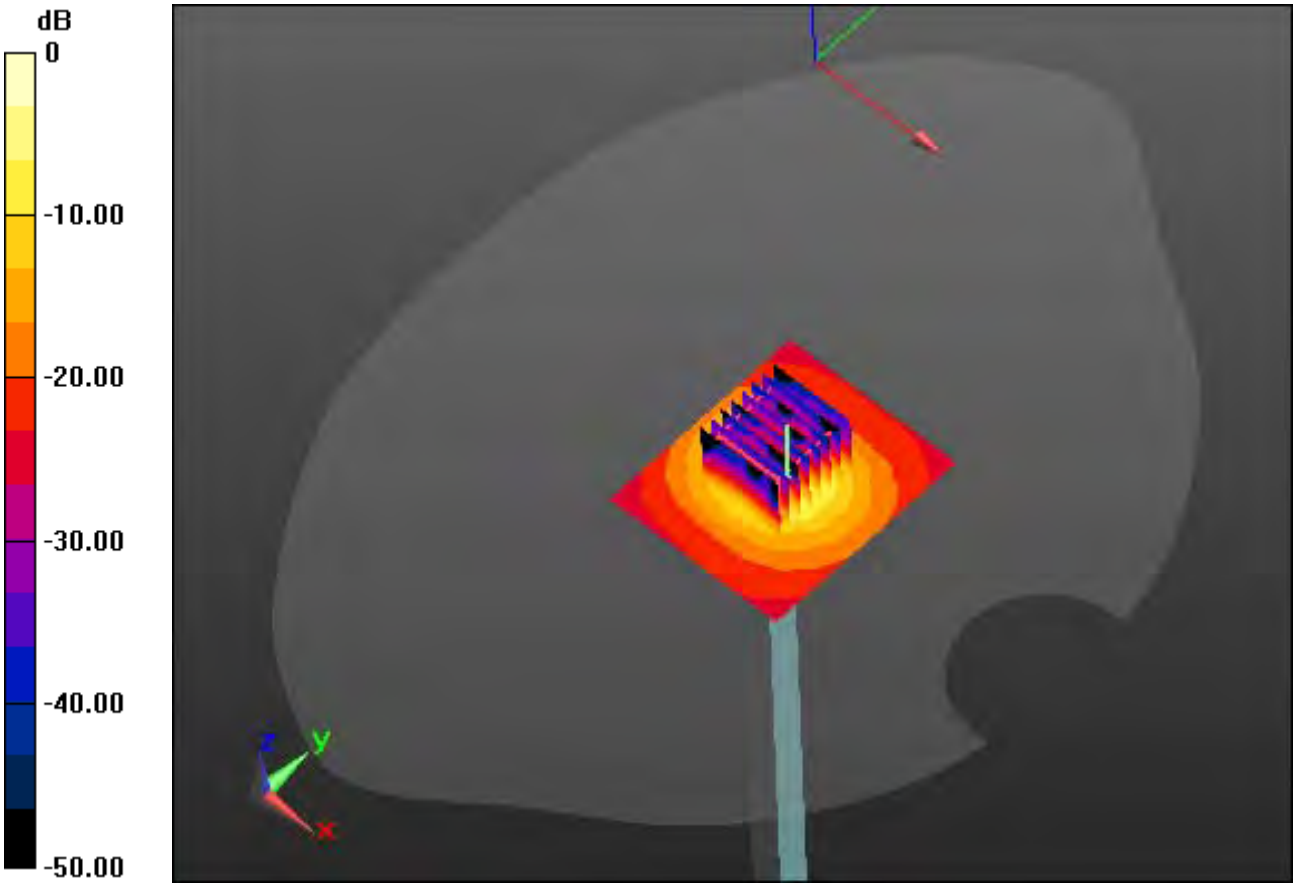
Communication System: UID 0, CW (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.05 S/m; ε_r = 35.535; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.99, 4.99, 4.99) @ 5500 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-04; Ambient Temp: 21.1; Tissue Temp: 21.2

5500 MHz System Head Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 39.1 W/kg
SAR(1 g) = 8.71 W/kg; SAR(10 g) = 2.42 W/kg



0 dB = 21.0 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

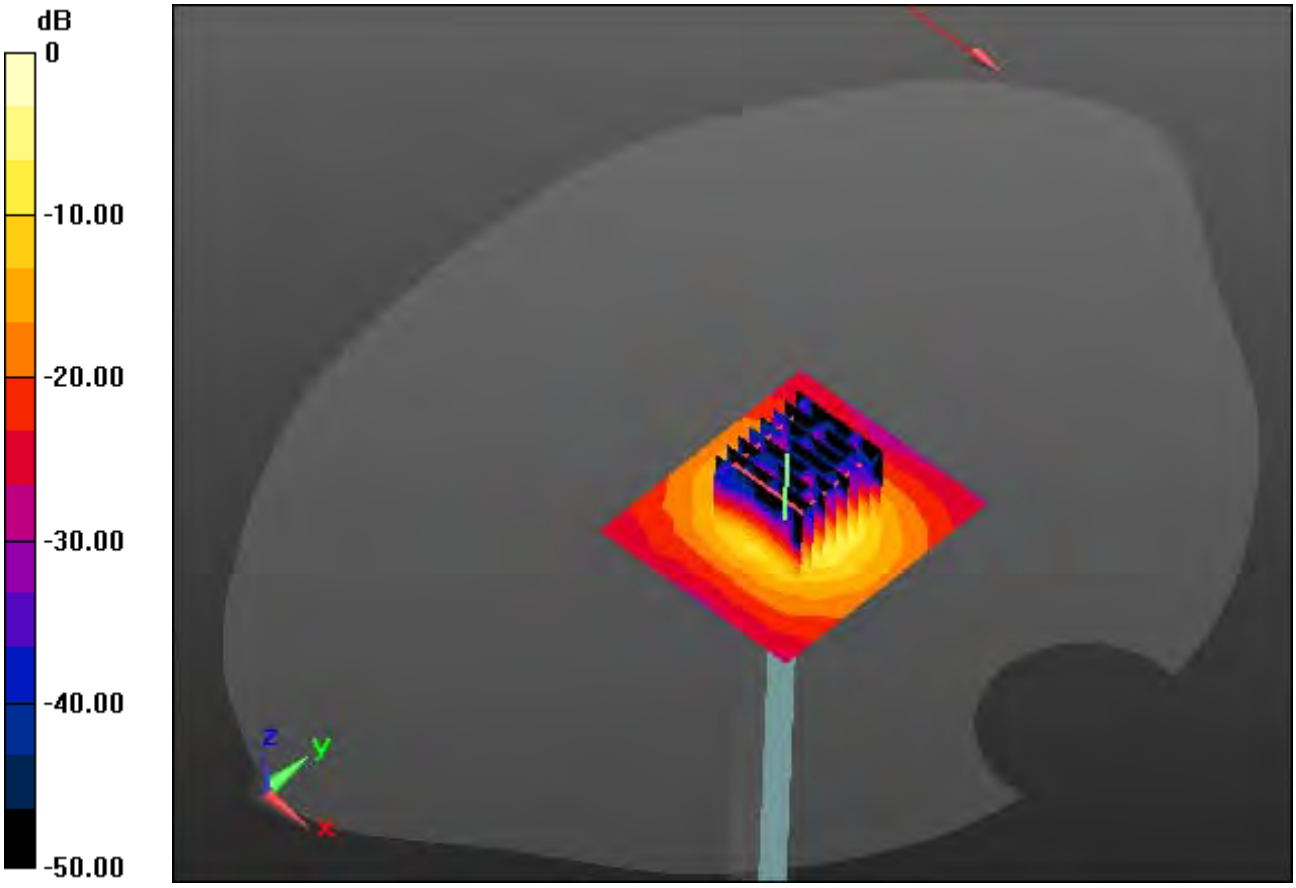
Communication System: UID 0, CW (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.724 S/m; ε_r = 47.698; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.3, 4.3, 4.3) @ 5500 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.1

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 = 0.10 dB
Peak SAR (extrapolated) = 27.3 W/kg
SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.13 W/kg



0 dB = 17.4 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

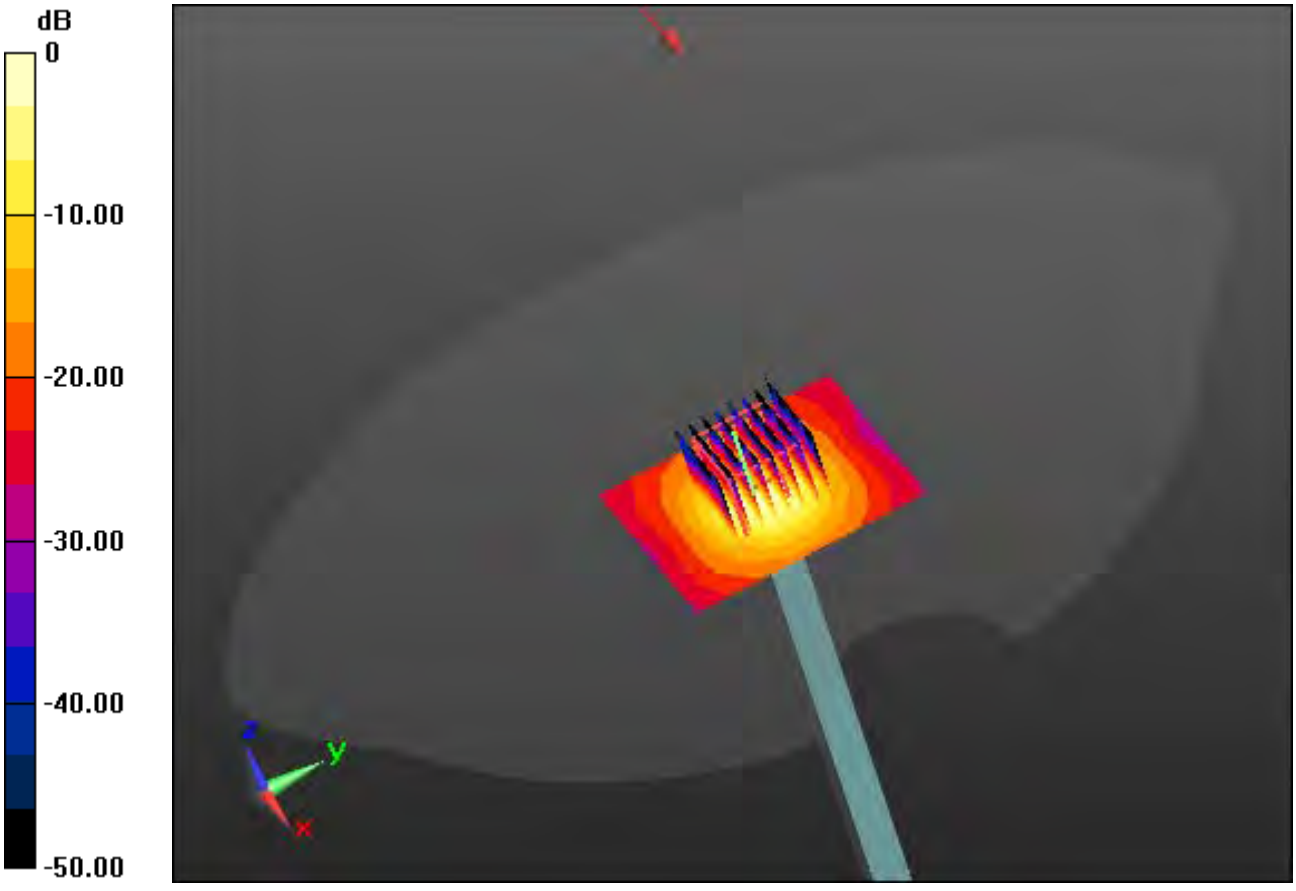
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.386 S/m; ε_r = 35.054; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.9, 4.9, 4.9) @ 5800 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-04; Ambient Temp: 21.1; Tissue Temp: 21.2

5800 MHz System Head Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 37.1 W/kg
SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.3 W/kg



0 dB = 20.1 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

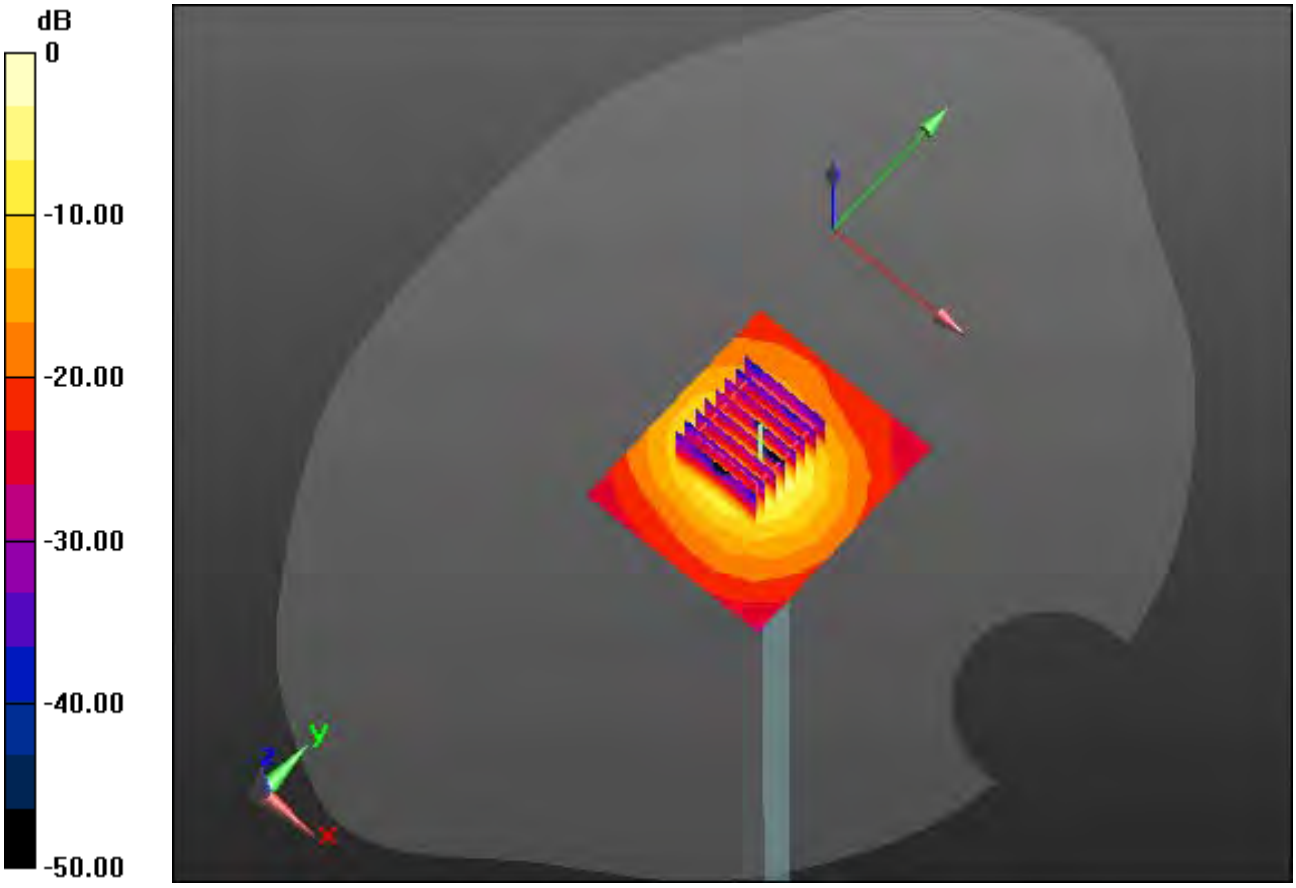
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.102 S/m; ε_r = 47.165; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.1, 4.1, 4.1) @ 5800 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.1

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 = 0.05 dB
Peak SAR (extrapolated) = 26.9 W/kg
SAR(1 g) = 7.13 W/kg; SAR(10 g) = 2.01 W/kg



0 dB = 16.6 W/kg

DT&C Co., Ltd.

DUT: LM-Q730BAW; Type: Bar

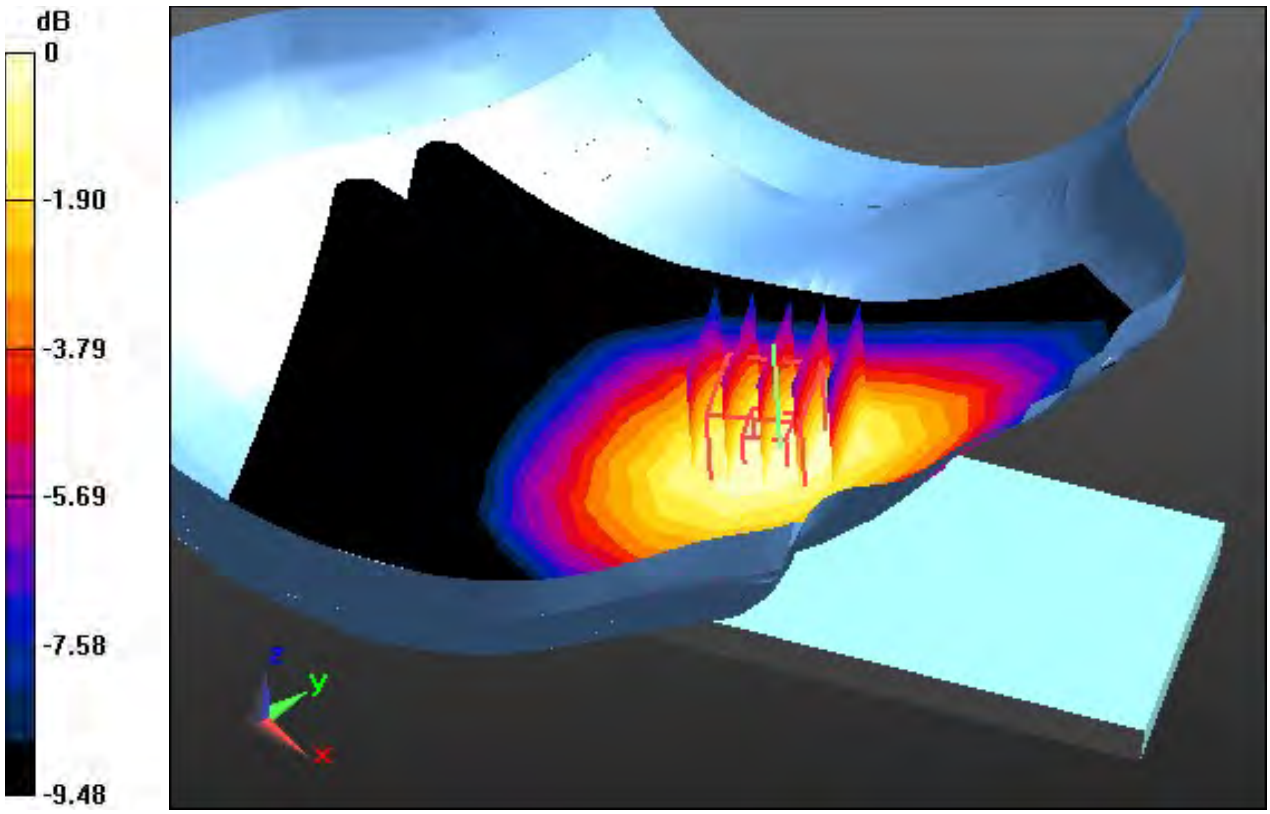
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.866; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.35, 10.35, 10.35) @ 836.6 MHz; Calibrated: 2019-11-27;
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

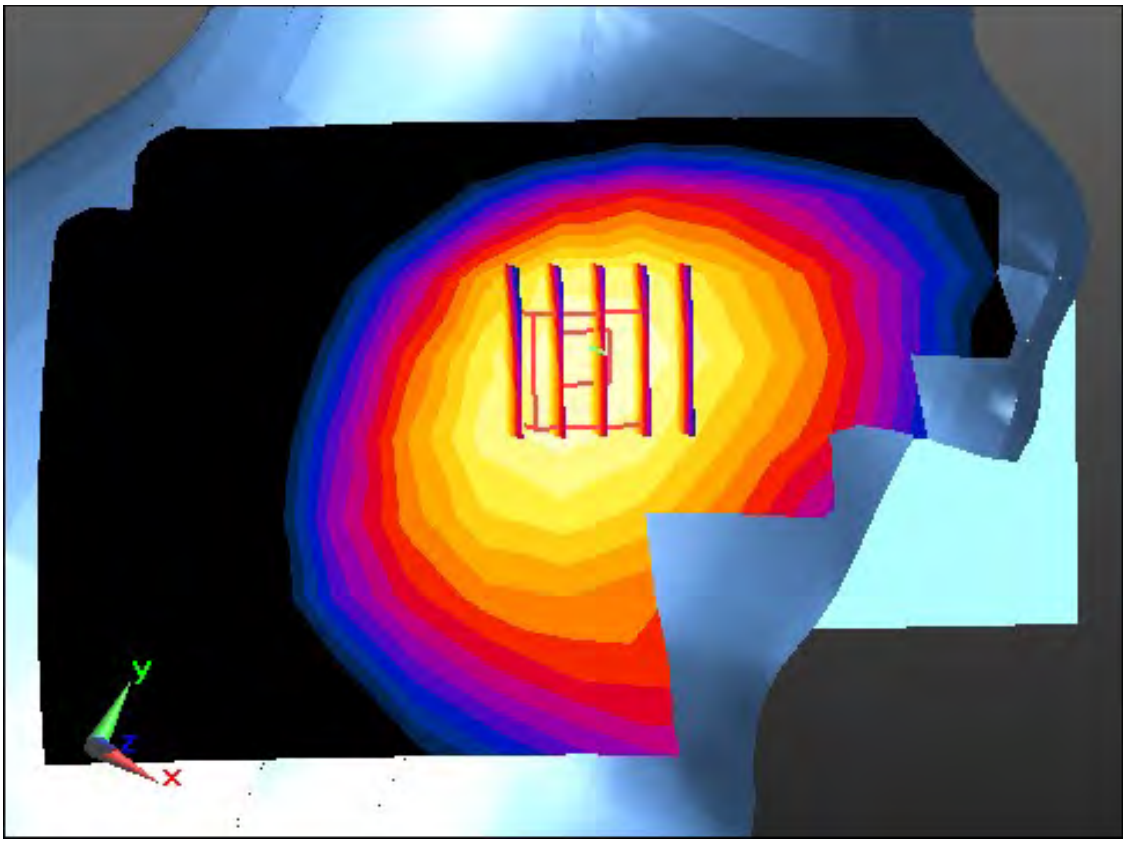
Test Date: 2020-06-09; Ambient Temp: 20.7; Tissue Temp: 20.6

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

Area Scan (9x16x1): 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) = 0.148 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.092 W/kg



0 dB = 0.136 W/kg



Enlarged Plot for A1

DT&C Co., Ltd.

DUT: LM-Q730BAW; Type: Bar

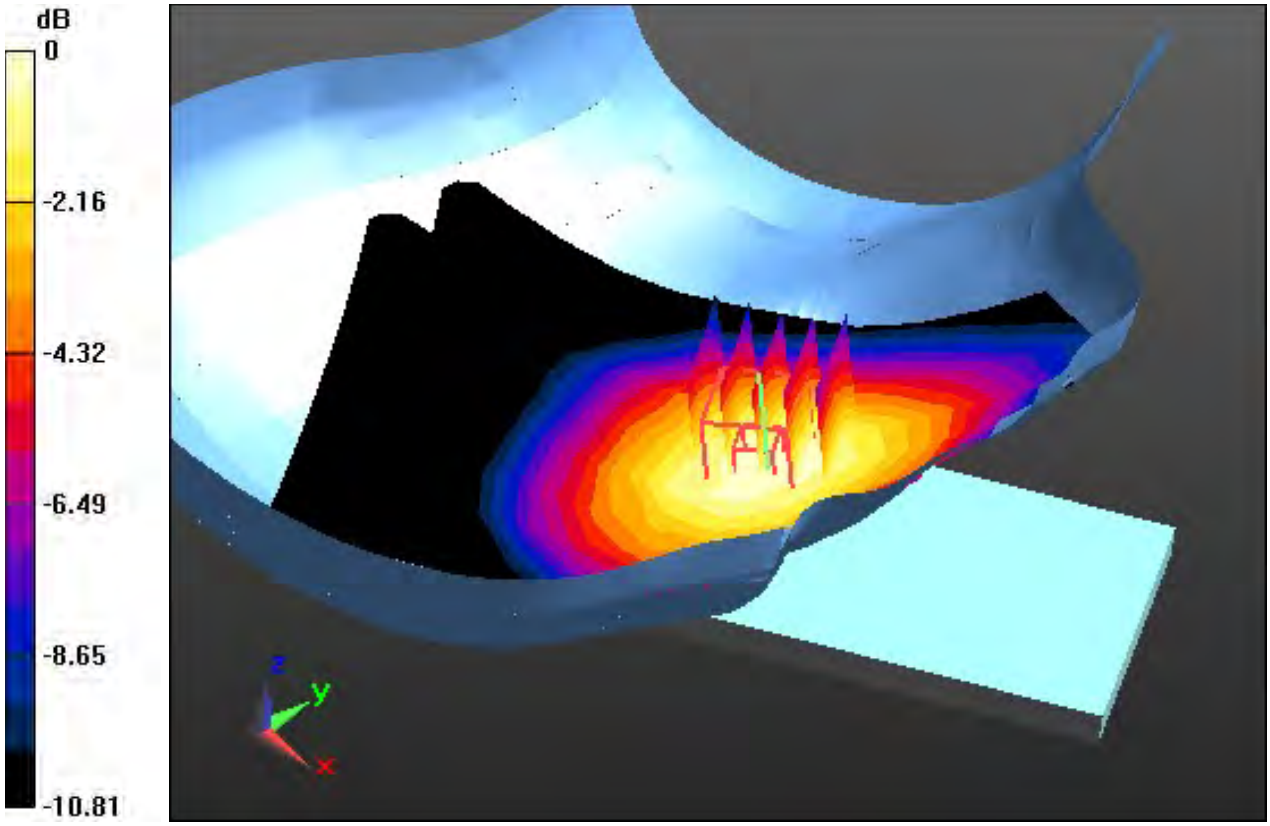
Communication System: UID 0, GSM 850 3 Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.866; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.35, 10.35, 10.35) @ 836.6 MHz; Calibrated: 2019-11-27;
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

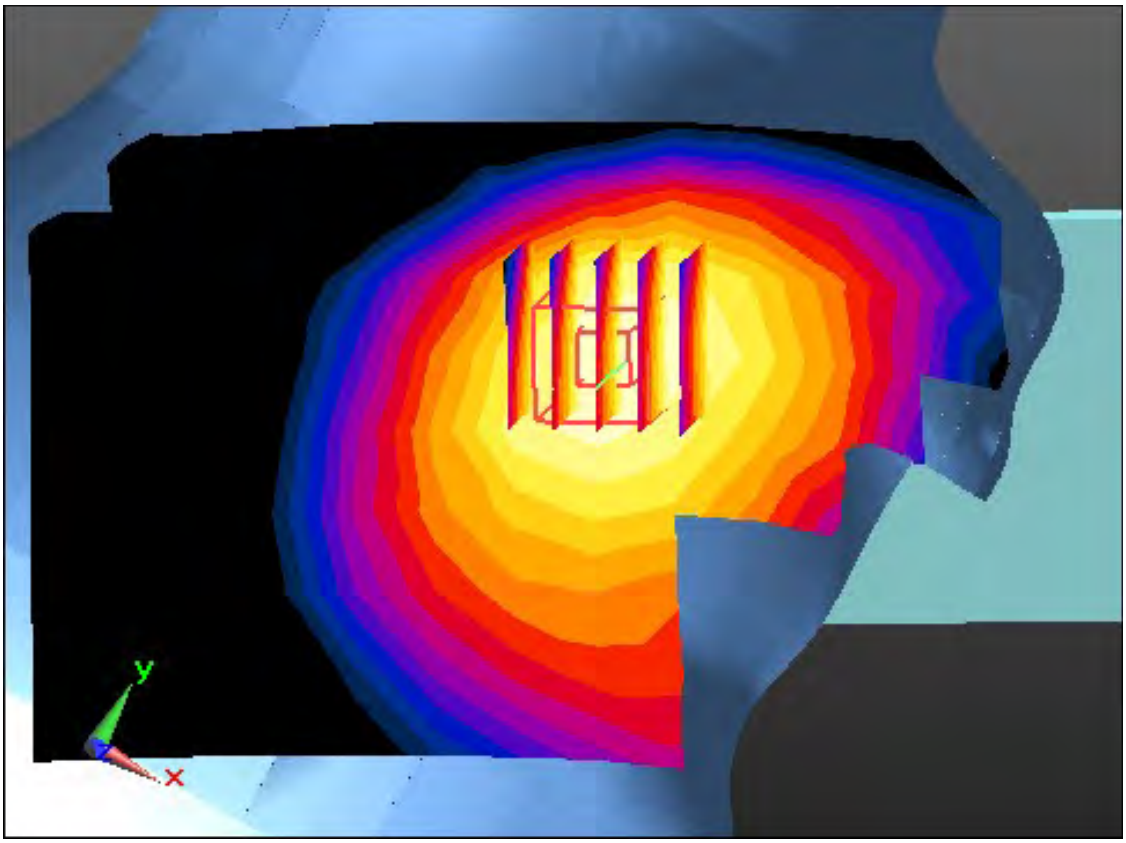
Test Date: 2020-06-09; Ambient Temp: 20.7; Tissue Temp: 20.6

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

Area Scan (9x16x1): 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) = 0.280 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.172 W/kg



0 dB = 0.256 W/kg



Enalarged Plot for A2

DT&C Co., Ltd.

DUT: LG-Q730BAW; Type: Bar;

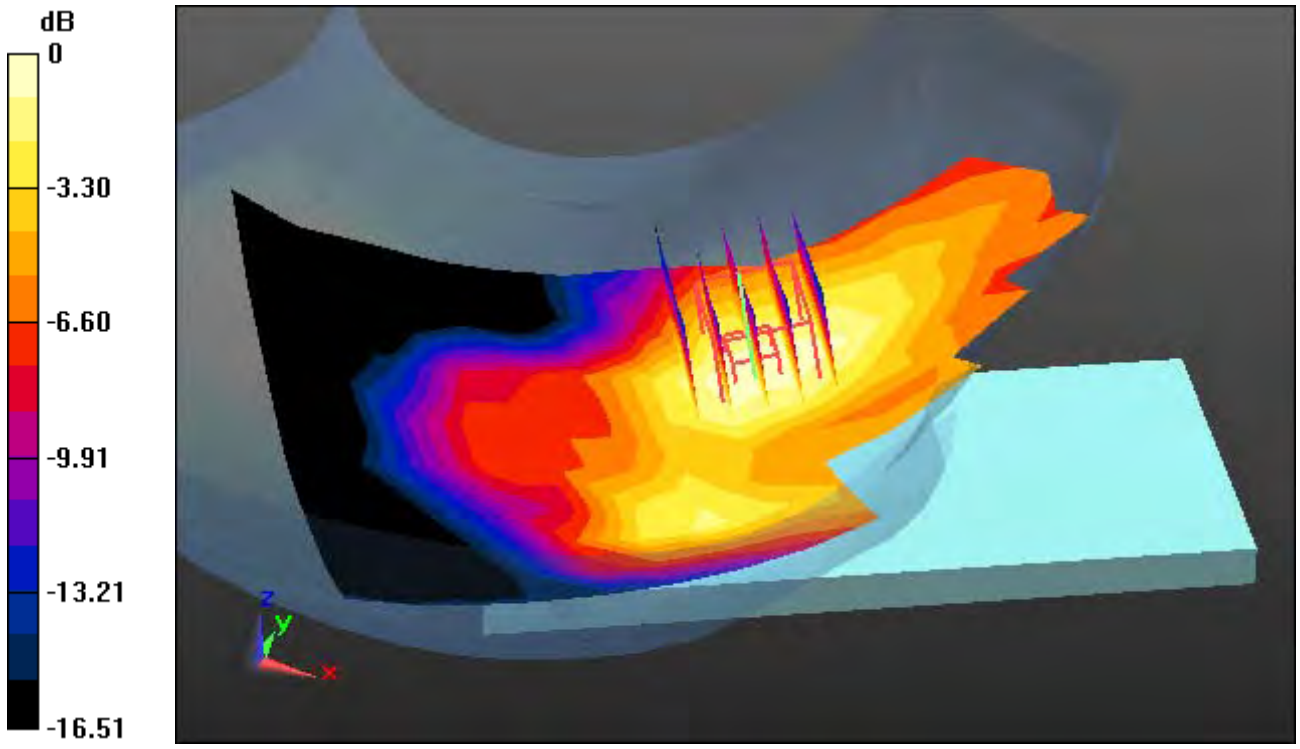
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.421 S/m; ε_r = 38.711; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

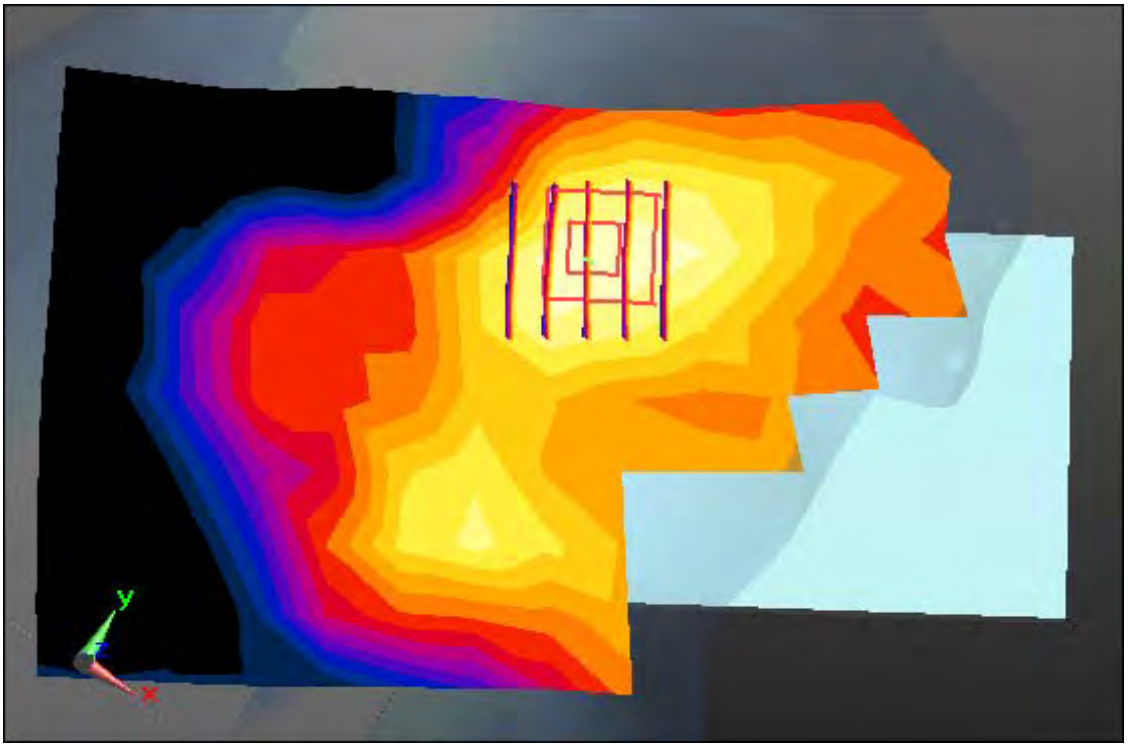
Test Date: 2020-06-04; Ambient Temp: 21.5; Tissue Temp: 21.7

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0940 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.038 W/kg



0 dB = 0.0710 W/kg



Enlarge Plot for A3

DT&C Co., Ltd.

DUT: LG-Q730BAW; Type: Bar;

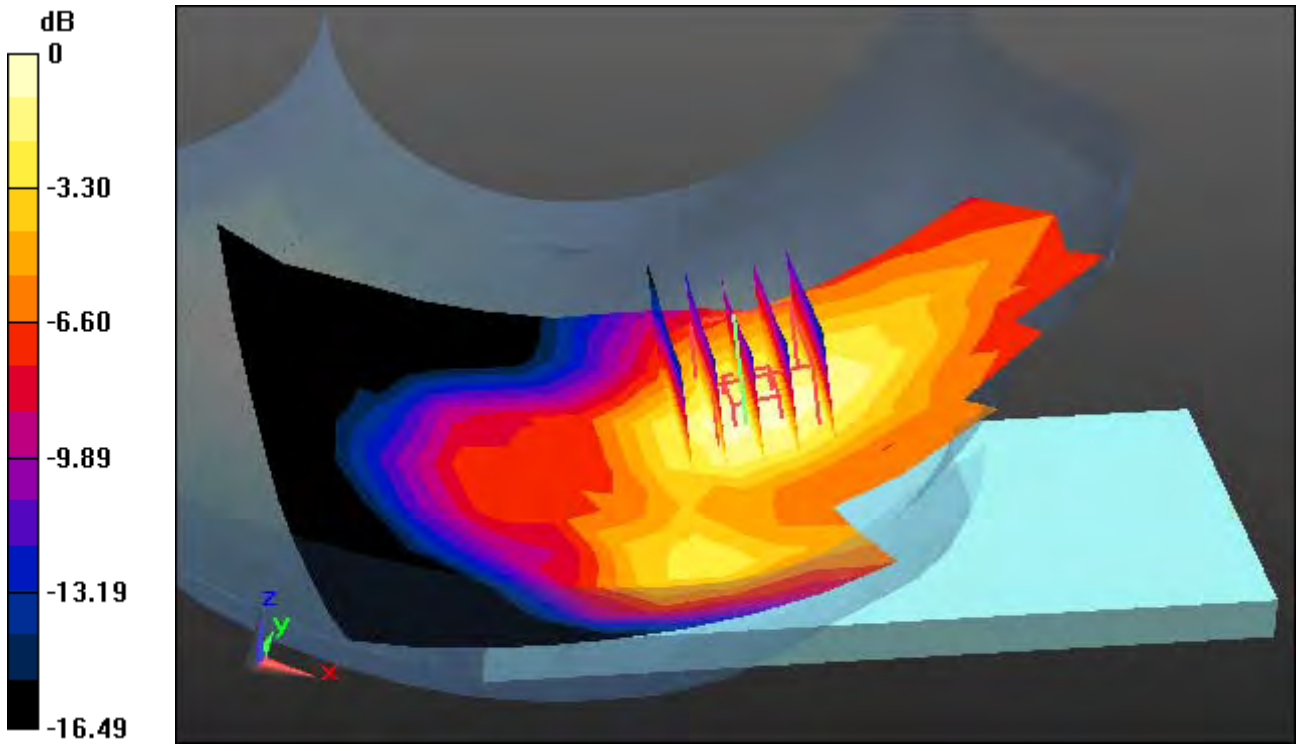
Communication System: UID 0, PCS1900_3Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.421 S/m; ε_r = 38.711; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

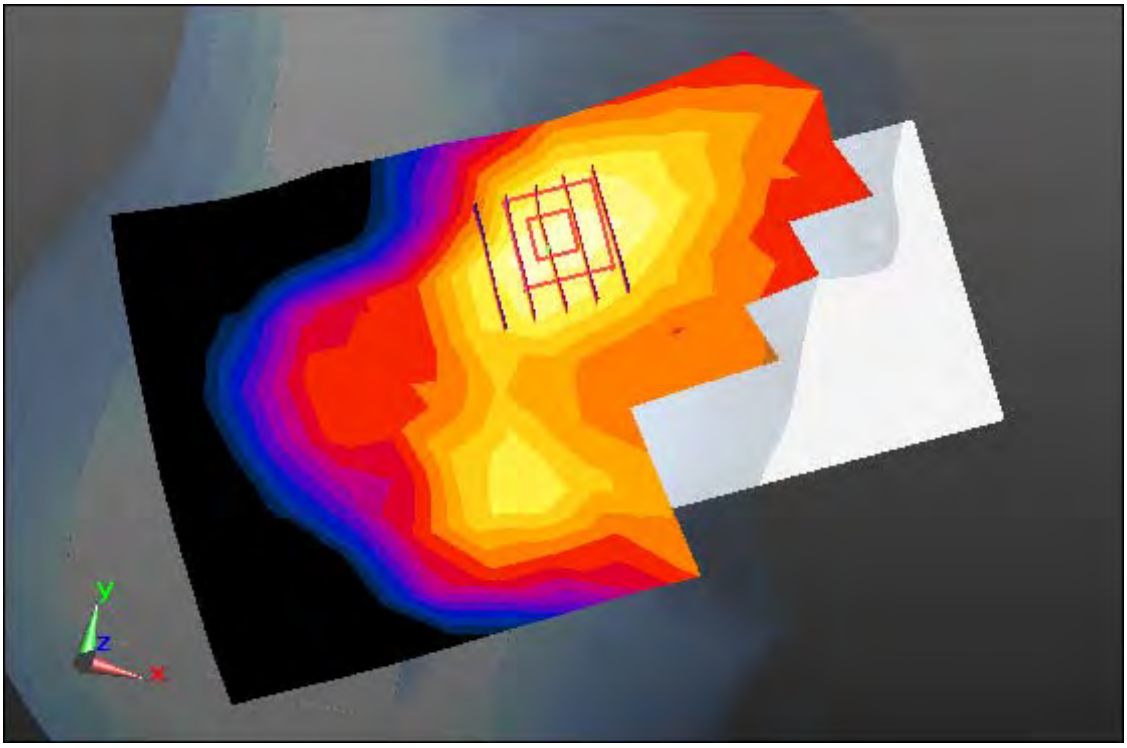
Test Date: 2020-06-04; Ambient Temp: 21.5; Tissue Temp: 21.7

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.116 W/kg



Enlarge Plot for A4

DT&C Co., Ltd.

DUT: LM-Q730BAW; Type: Bar

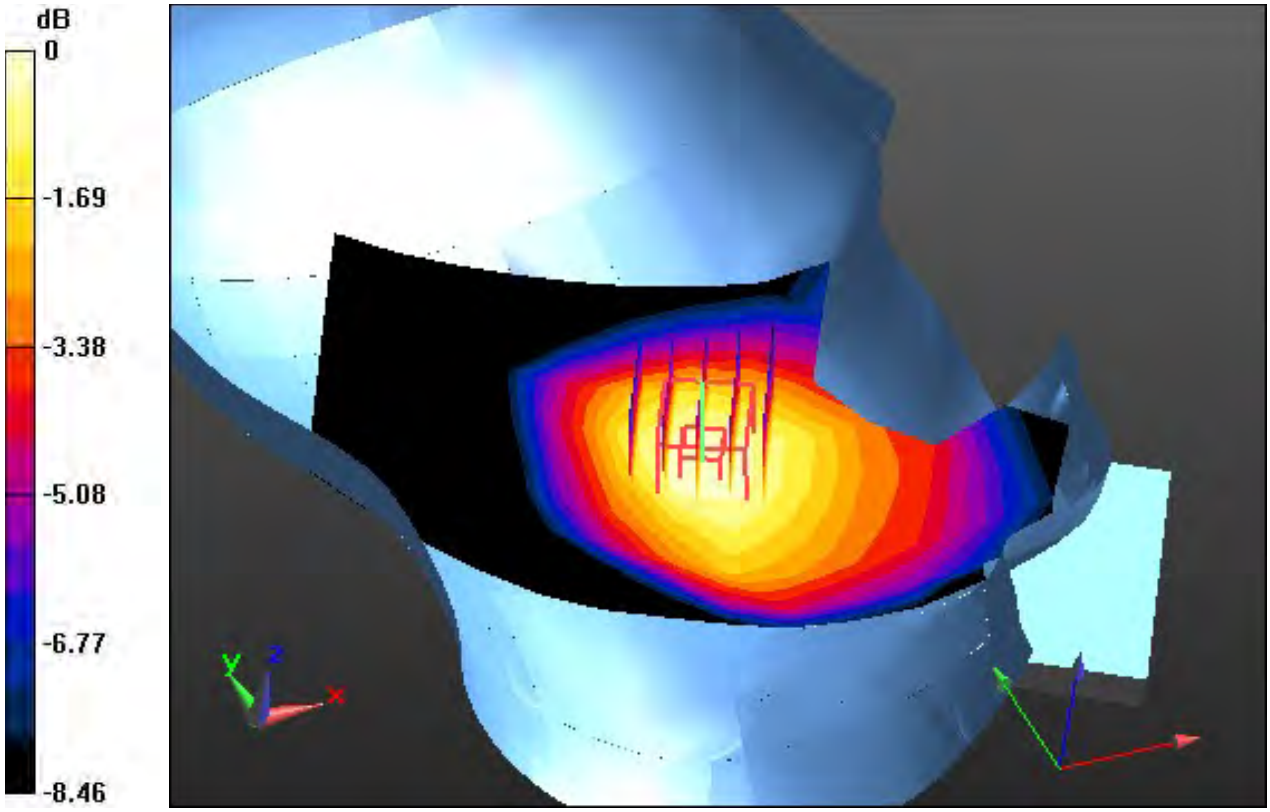
Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.917 S/m; ε_r = 40.866; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.35, 10.35, 10.35) @ 836.6 MHz; Calibrated: 2019-11-27;
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

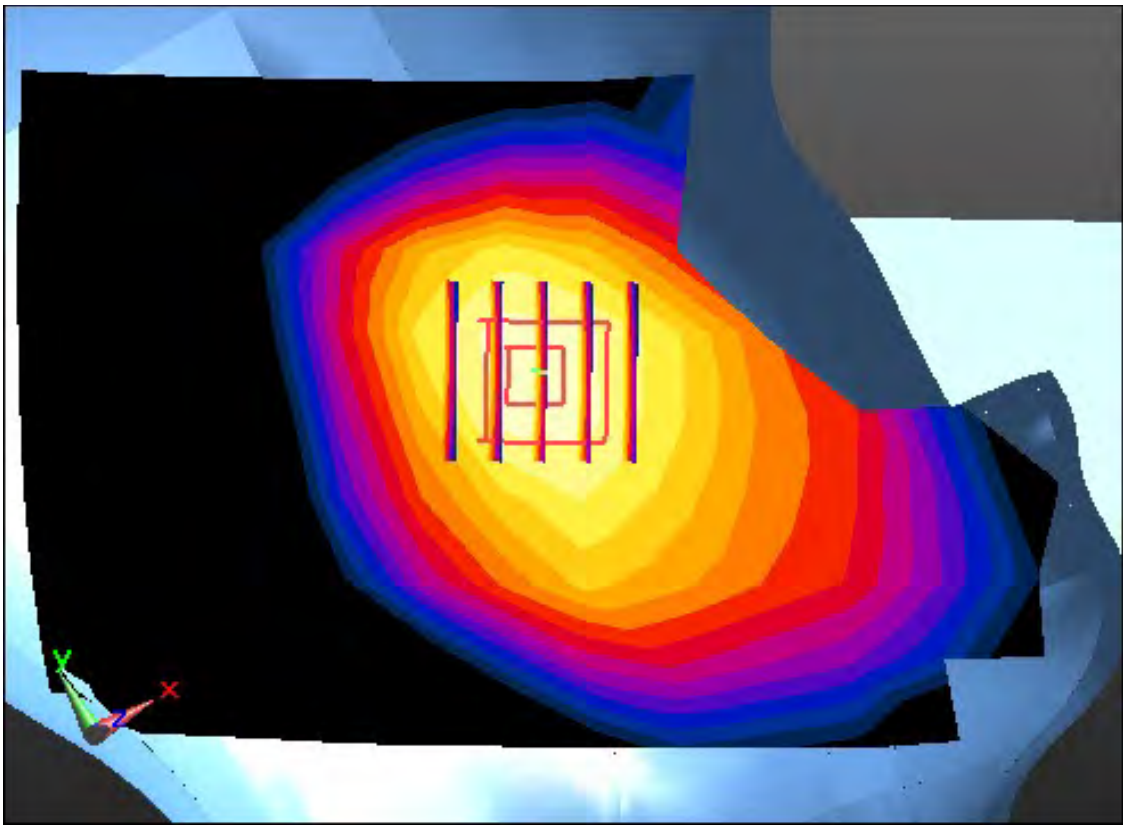
Test Date: 2020-06-09; Ambient Temp: 20.7; Tissue Temp: 20.6

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

Area Scan (9x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.123 W/kg



0 dB = 0.181 W/kg



Enlarged Plot for A5

DT&C Co., Ltd.

DUT: LG-Q730BAW; Type: Bar;

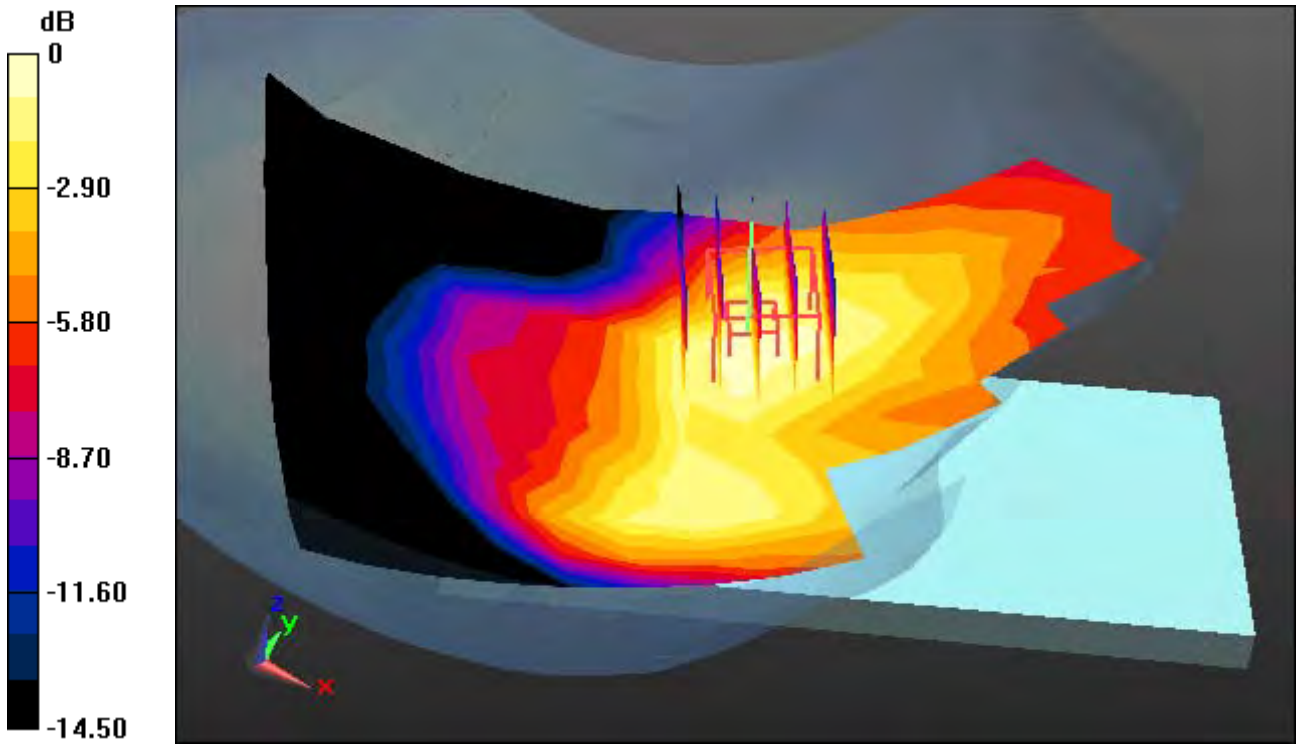
Communication System: UID 0, WCDMA 1700 (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.341 S/m; ε_r = 41.449; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.59, 5.59, 5.59); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

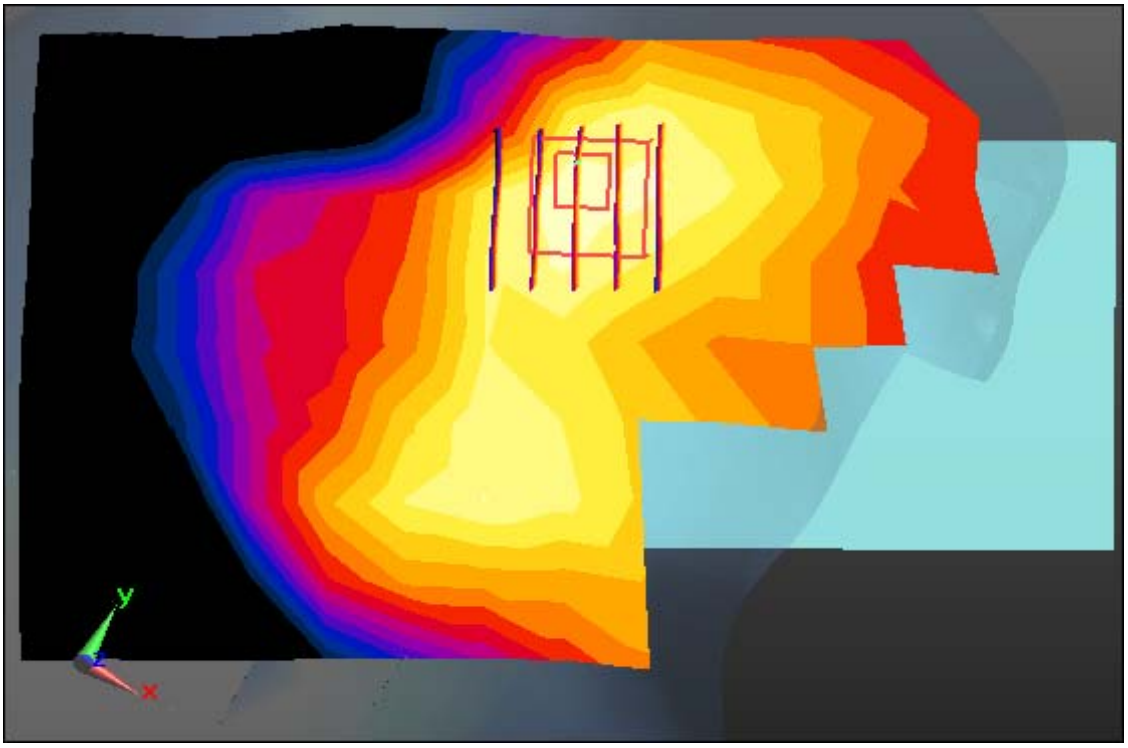
Test Date: 2020-06-08; Ambient Temp: 21.3; Tissue Temp: 21.5

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.130 W/kg



Enlarge Plot for A6

DUT: LG-Q730BAW; Type: Bar;

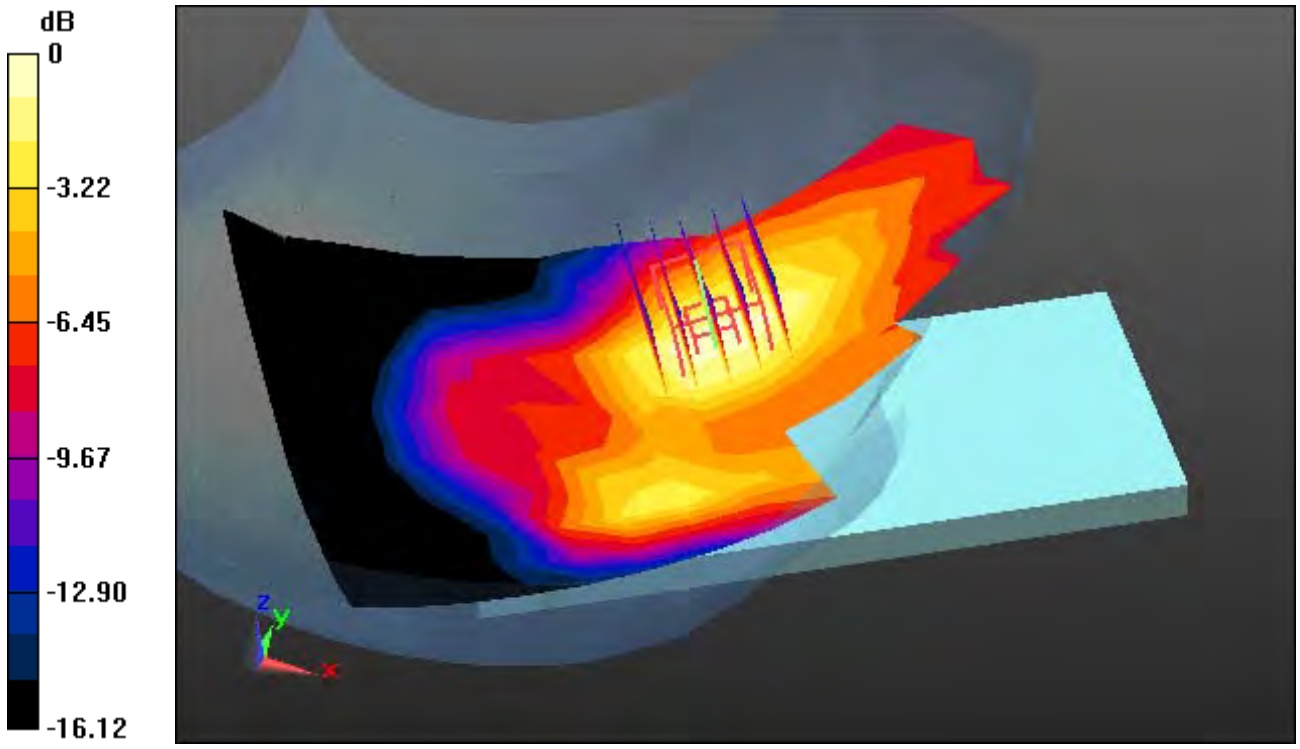
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.421 S/m; ε_r = 38.711; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

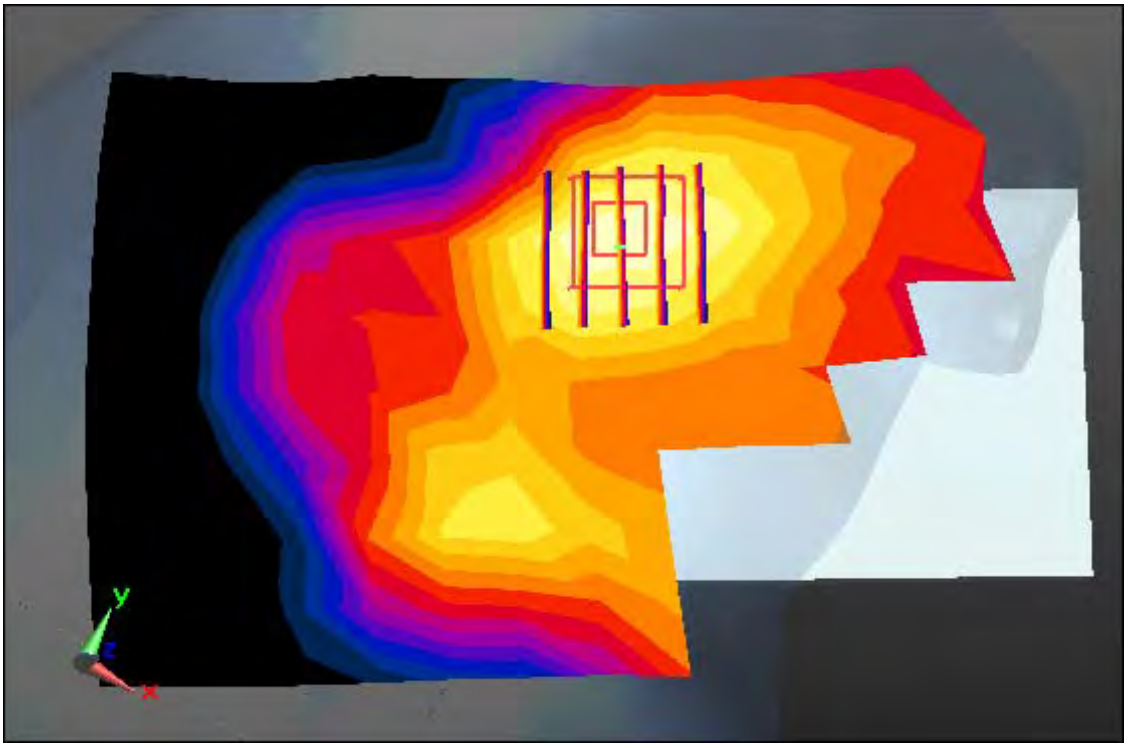
Test Date: 2020-06-04; Ambient Temp: 21.5; Tissue Temp: 21.7

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.080 W/kg



0 dB = 0.152 W/kg



Enlarge Plot for A7

DT&C Co., Ltd.

DUT: LM-Q730BAW; 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 = 0.856 S/m; ε_r = 42.441; ρ = 1000 kg/m^3
Phantom section: Right Section

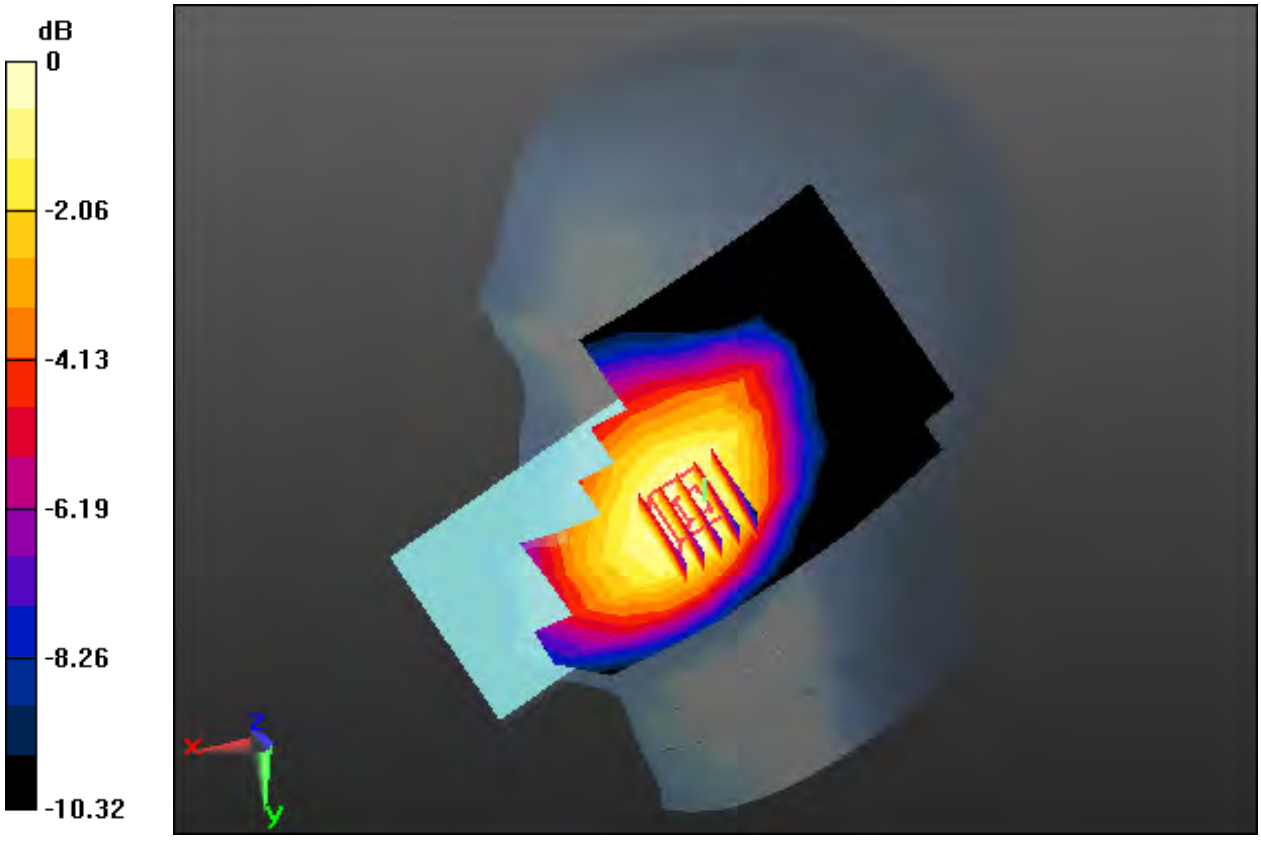
DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(9.89, 9.89, 9.89); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-05; Ambient Temp: 20.5; Tissue Temp: 20.4

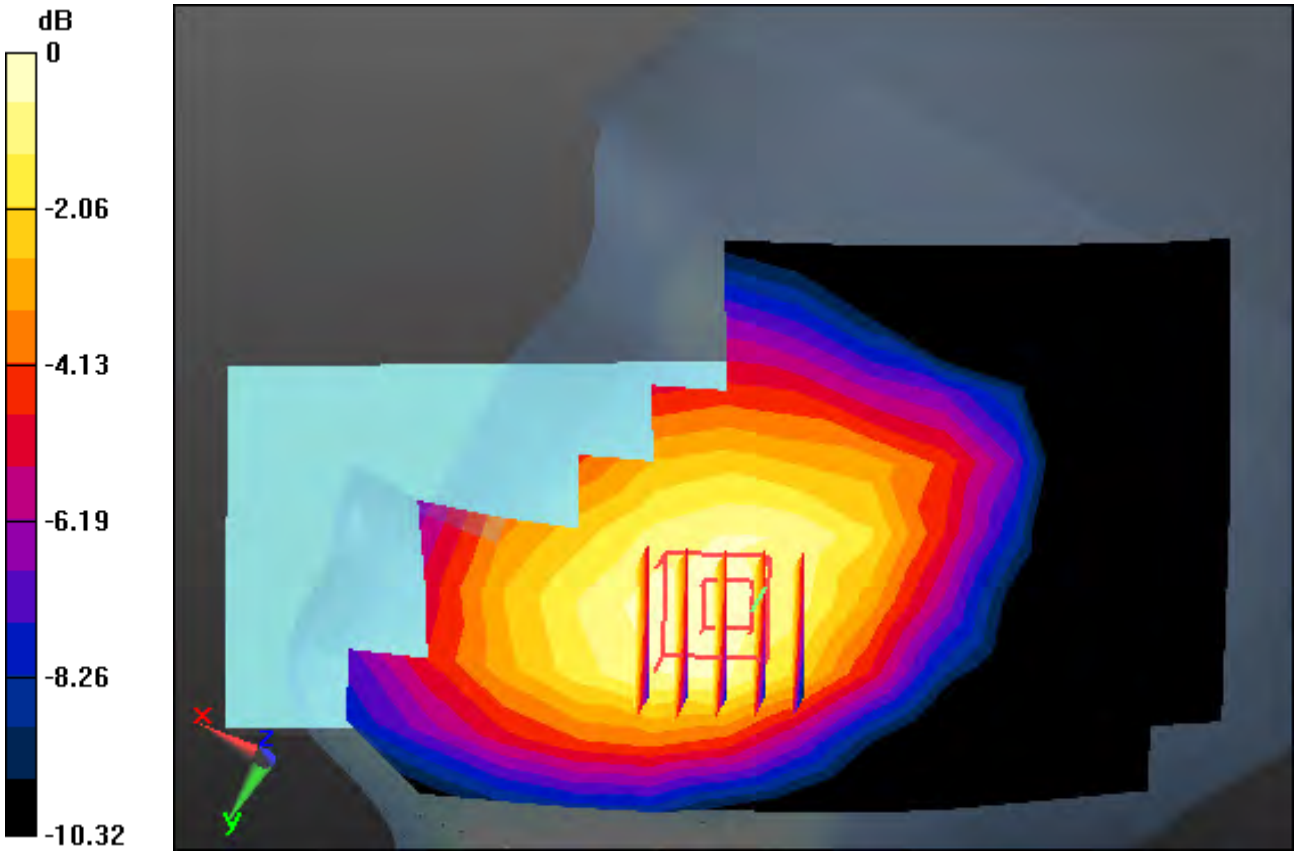
Right Touch, LTE Band 12 Ch. 23095, Ant Internal, Standard Battery

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

Area Scan (9x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.157 W/kg



Enlarged Plot for A8

DT&C Co., Ltd.

DUT: LM-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 13 (FCC) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.924 S/m; ε_r = 41.453; ρ = 1000 kg/m^3
Phantom section: Right Section

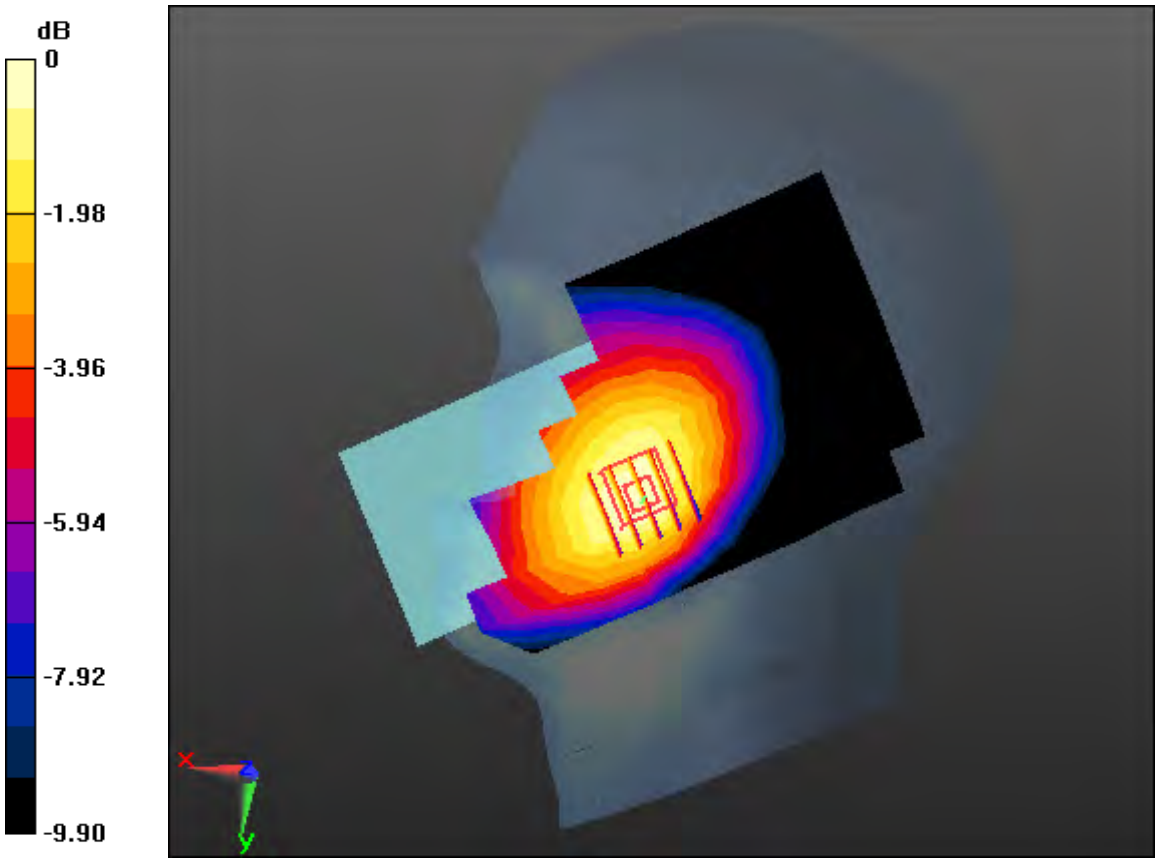
DASY5 Configuration:
Probe: EX3DV4 - SN7368; ConvF(9.89, 9.89, 9.89); Calibrated: 1/30/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-05; Ambient Temp: 20.5; Tissue Temp: 20.4

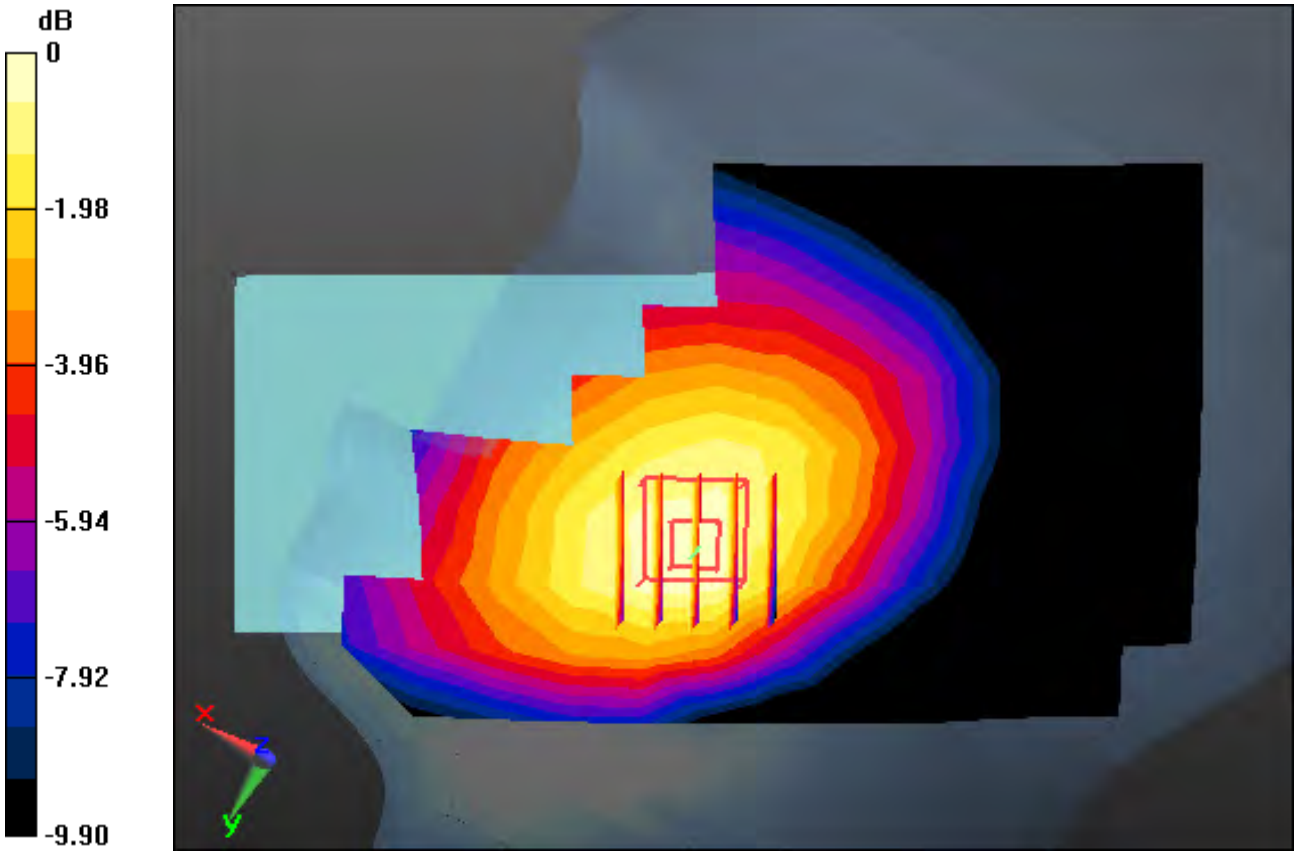
Right Touch, LTE Band 13 Ch. 23230, Ant Internal, Standard Battery

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

Area Scan (9x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.111 W/kg



0 dB = 0.156 W/kg



Enlarged Plot for A9

DT&C Co., Ltd.

DUT: LM-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 5 (CE) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m; ε_r = 40.868; ρ = 1000 kg/m^3
Phantom section: Right Section

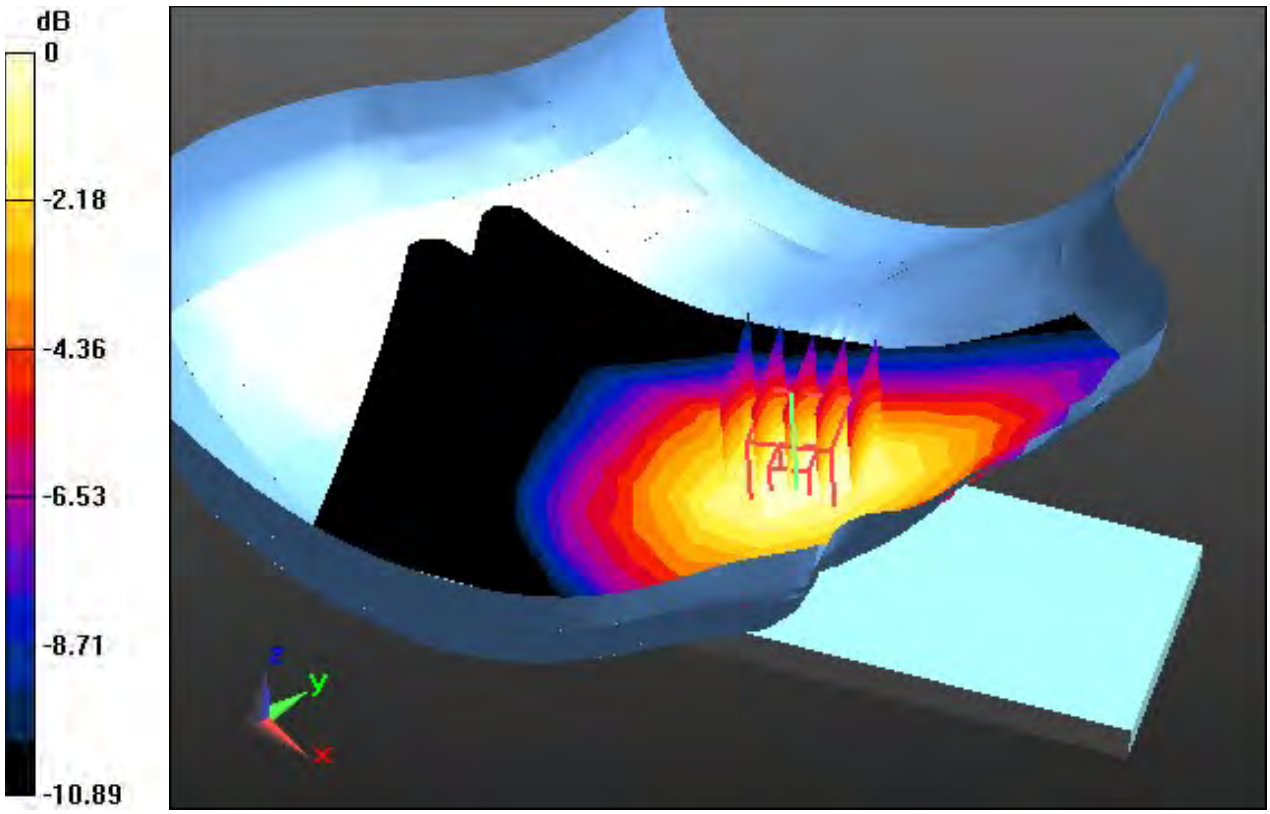
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.35, 10.35, 10.35) @ 836.5 MHz; Calibrated: 2019-11-27
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-09; Ambient Temp: 20.7; Tissue Temp: 20.6

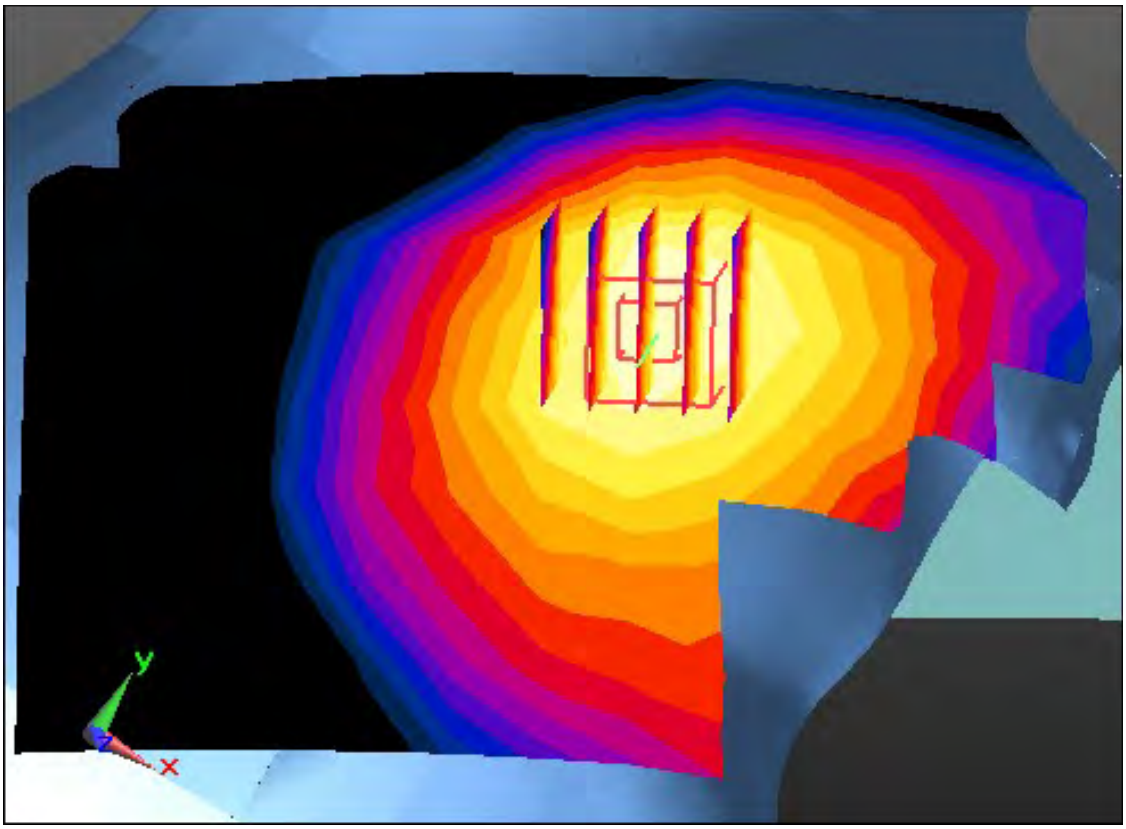
Right Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery

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

Area Scan (9x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.092 W/kg



0 dB = 0.136 W/kg



Enlarged Plot for A10

DUT: LG-Q730BAW; Type: Bar;

Communication System: UID 0, LTE Band 66 (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1770 MHz; σ = 1.377 S/m; ε_r = 41.287; ρ = 1000 kg/m^3
Phantom section: Right Section

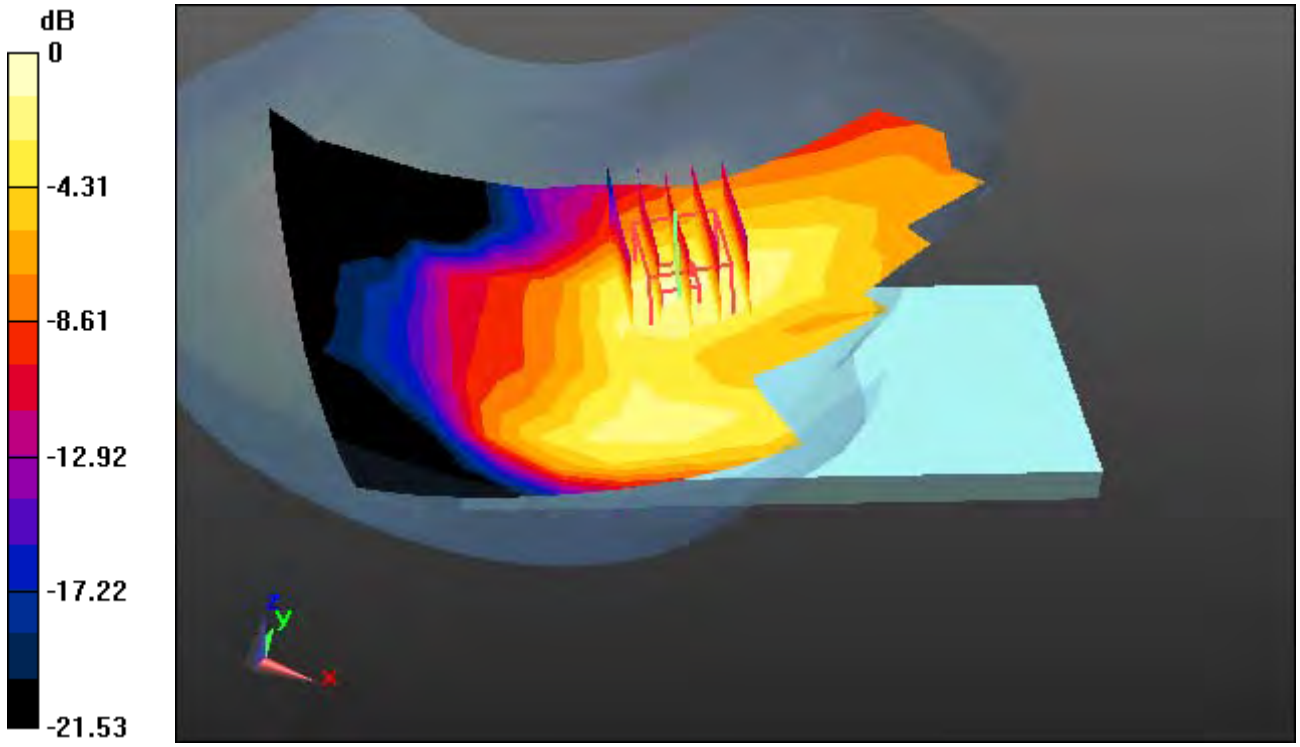
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.59, 5.59, 5.59); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-08; Ambient Temp: 21.3 Tissue Temp: 21.5

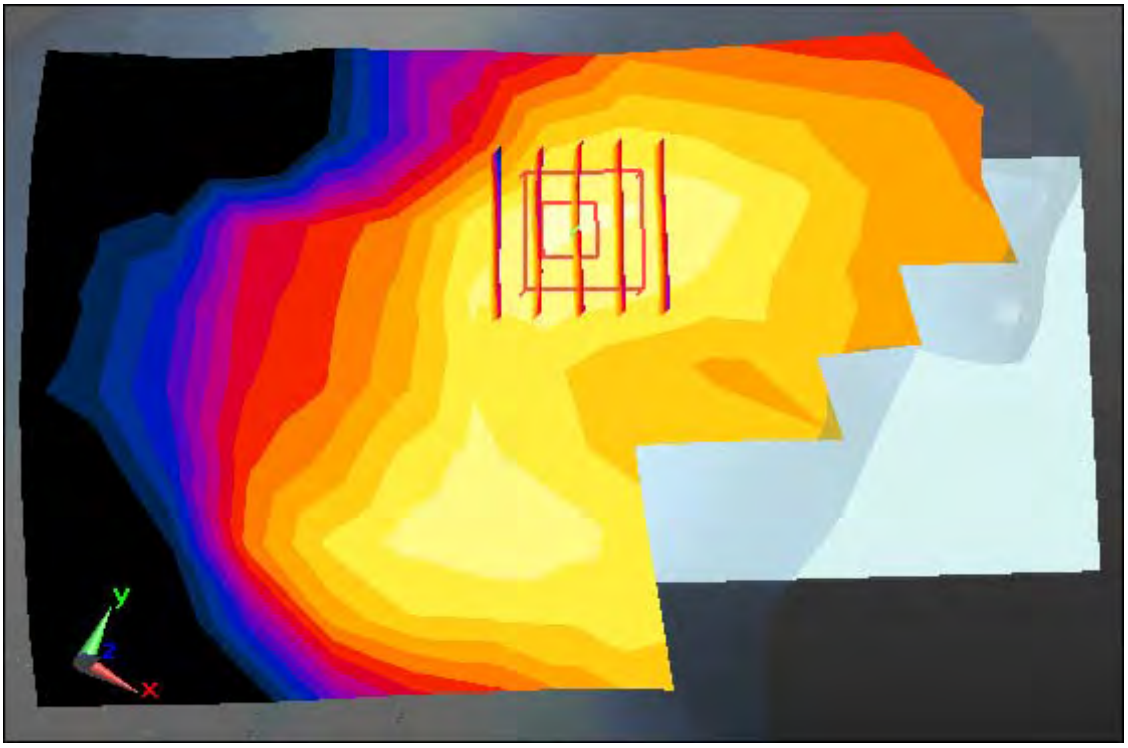
Right Touch, LTE Band 66 Ch. 132572, Ant Internal, Standard Battery

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.066 W/kg



0 dB = 0.116 W/kg



Enlarge Plot for A11

DUT: LG-Q730BAW; Type: Bar;

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.441 S/m; ε_r = 38.645; ρ = 1000 kg/m^3
Phantom section: Right Section

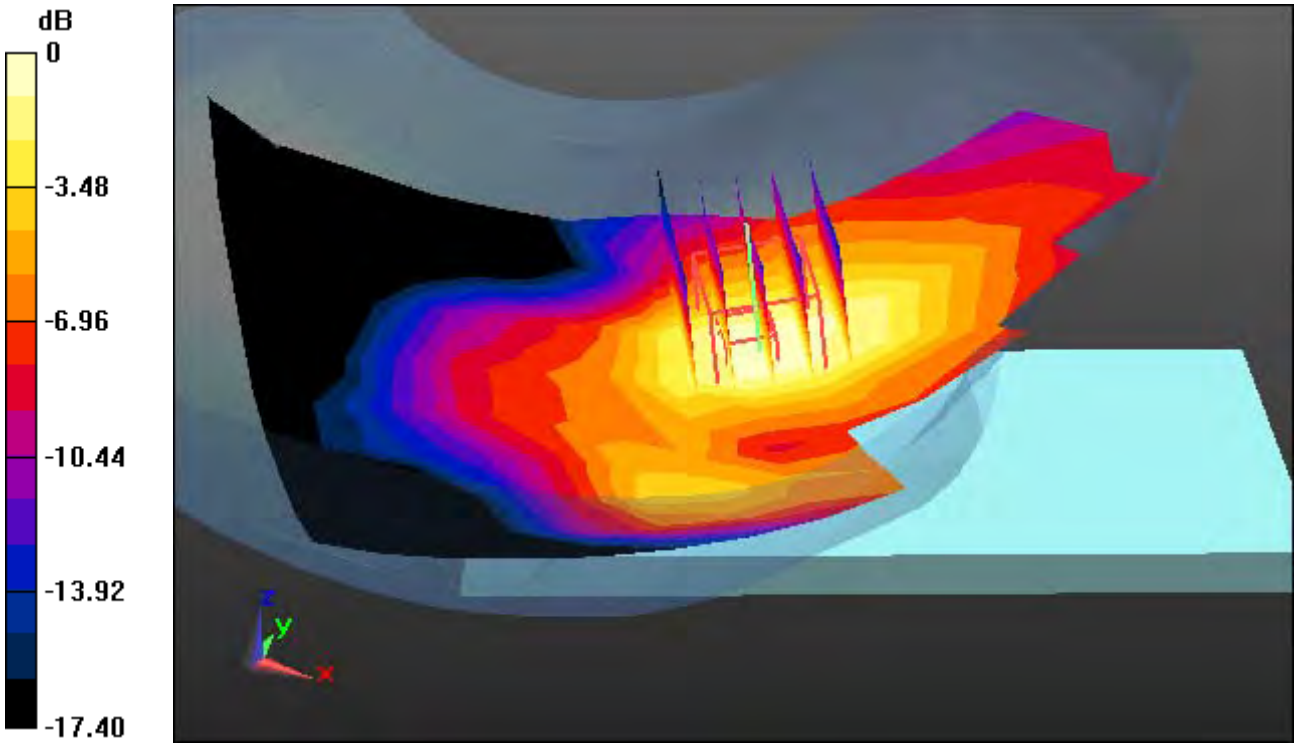
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.34, 5.34, 5.34); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-04; Ambient Temp: 21.5 Tissue Temp: 21.7

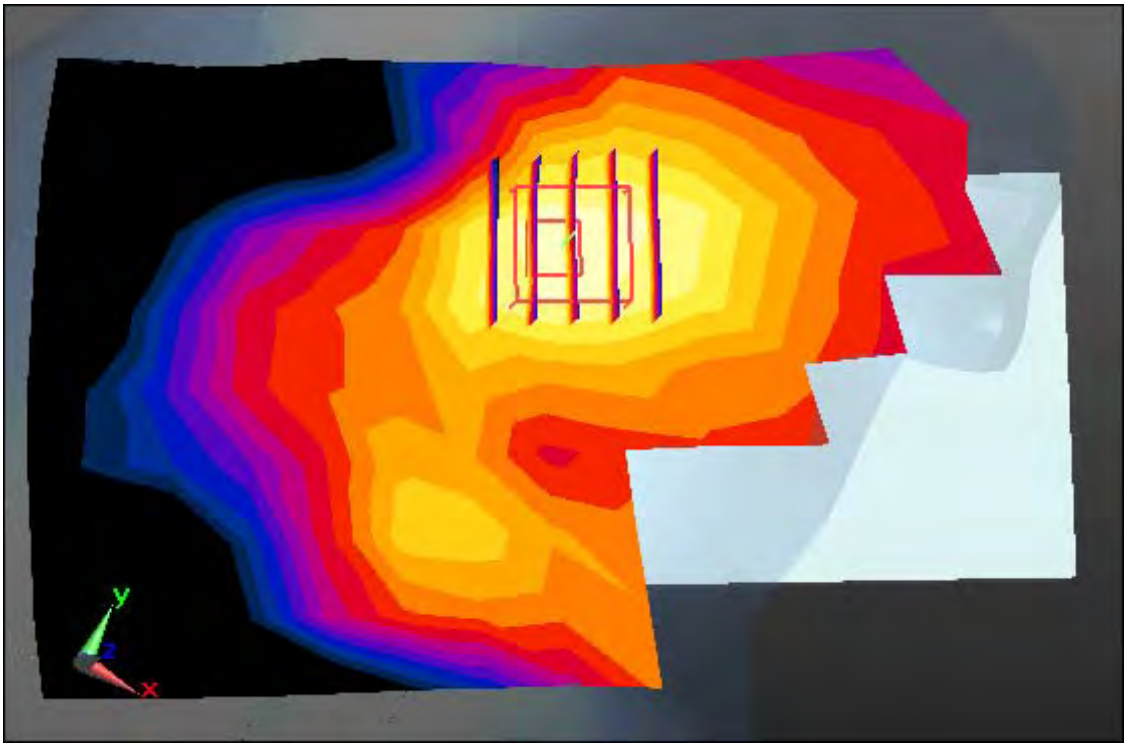
Right Touch, LTE Band 2 Ch. 19100, Ant Internal, Standard Battery

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

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.070 W/kg



0 dB = 0.137 W/kg



Enlarge Plot for A12

DUT: LG-Q730BAW; Type: Bar;

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.938 S/m; ε_r = 38.855; ρ = 1000 kg/m^3
Phantom section: Right Section

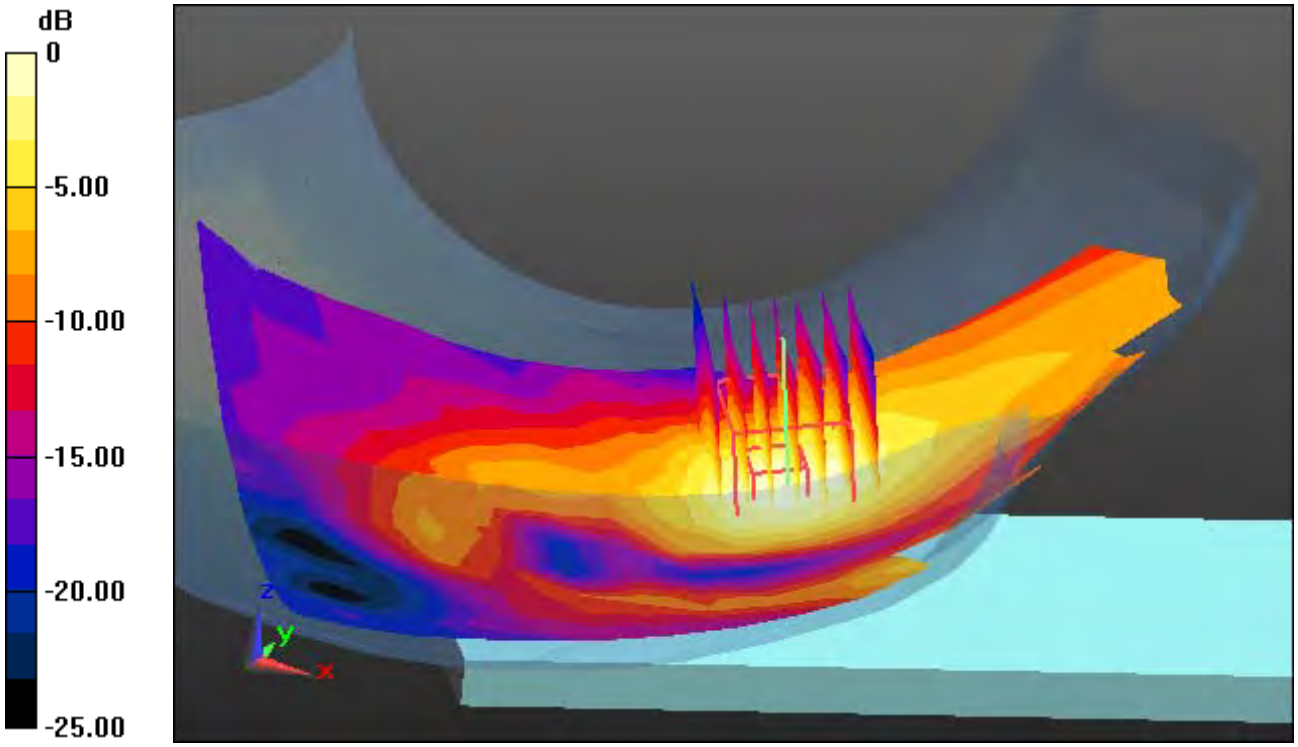
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.58, 4.58, 4.58) @ 2535 MHz; Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-18; Ambient Temp: 21.5 Tissue Temp: 21.6

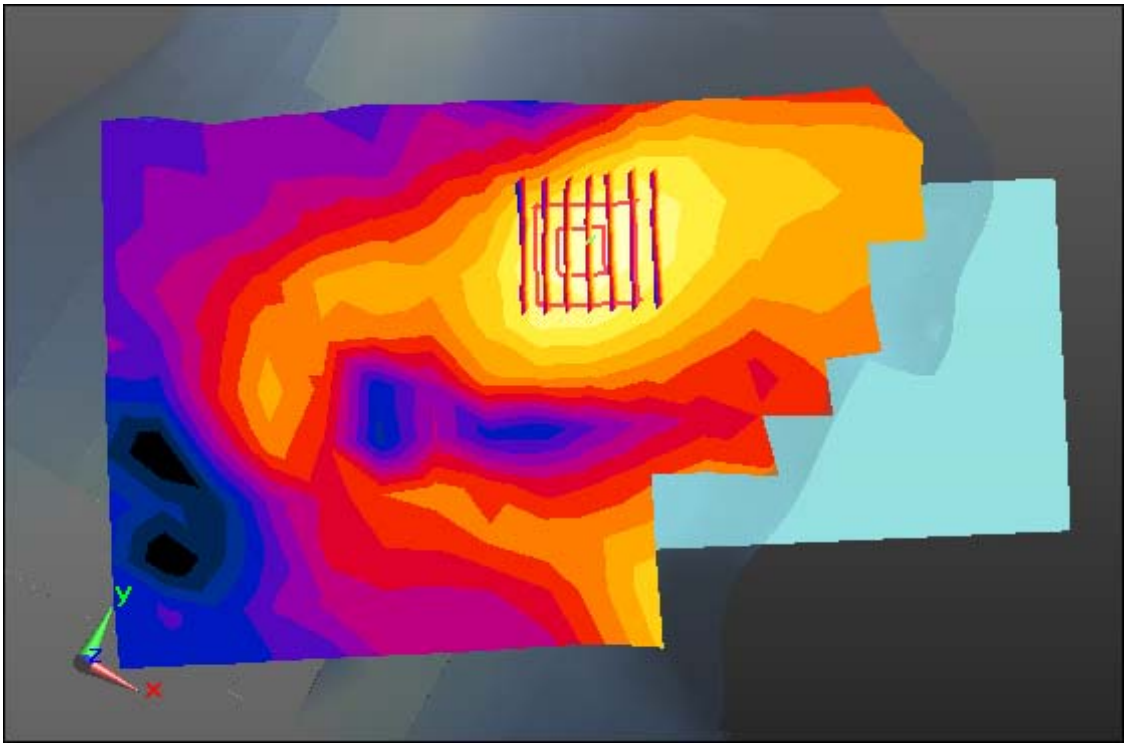
Right Touch, LTE Band 7 Ch. 21100, Ant Internal, Standard Battery

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

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.146 W/kg



Enlarge Plot for A13

DUT: LG-Q730BAW; Type: Bar

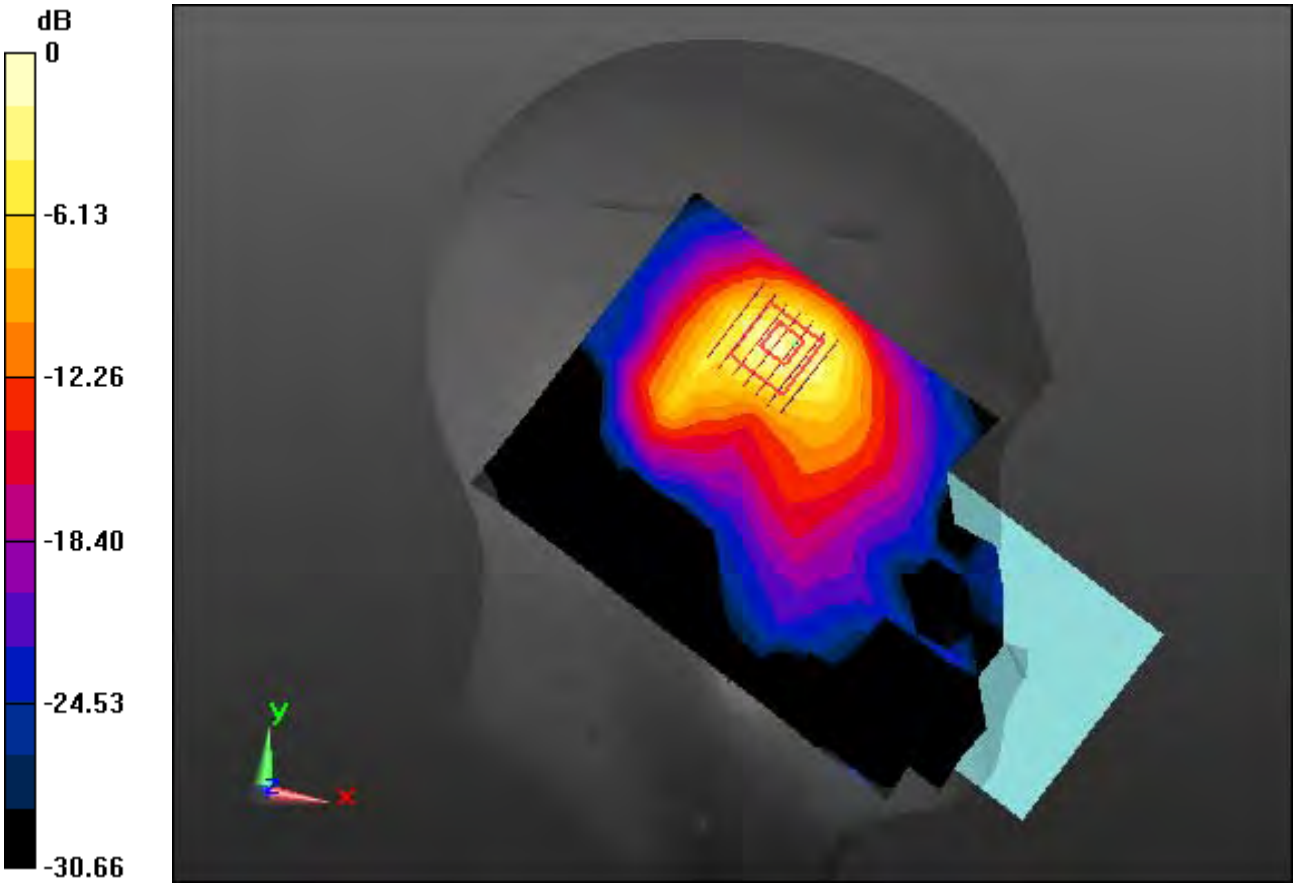
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.759 S/m; ε_r = 40.612; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.66, 7.66, 7.66) @ 2437 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

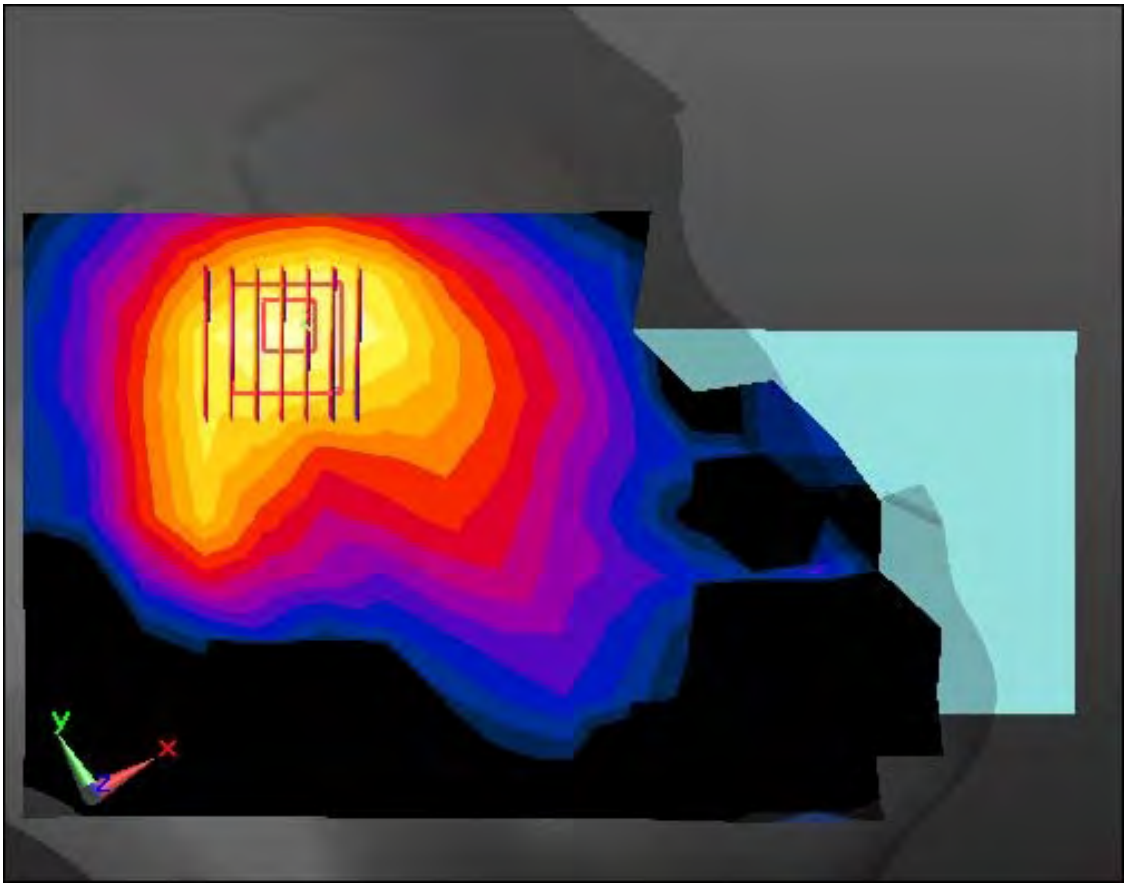
Test Date: 2020-05-27; Ambient Temp: 21.3; Tissue Temp: 21.2

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

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.280 W/kg



0 dB = 1.09 W/kg



Enlarged Plot for A14

DUT: LG-Q730BAW; Type: Bar

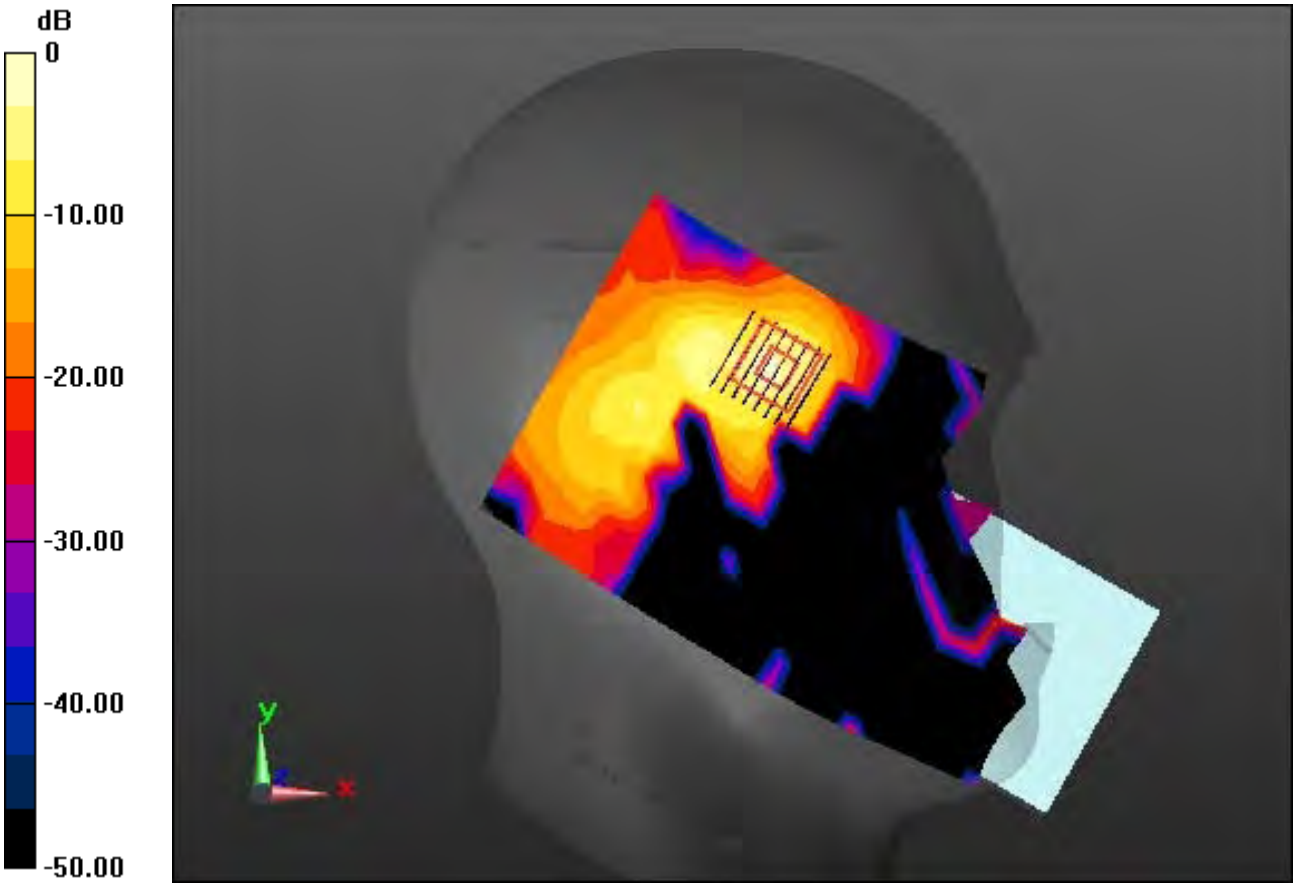
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; σ = 4.727 S/m; ε_r = 35.326; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.3, 5.3, 5.3) @ 5310 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

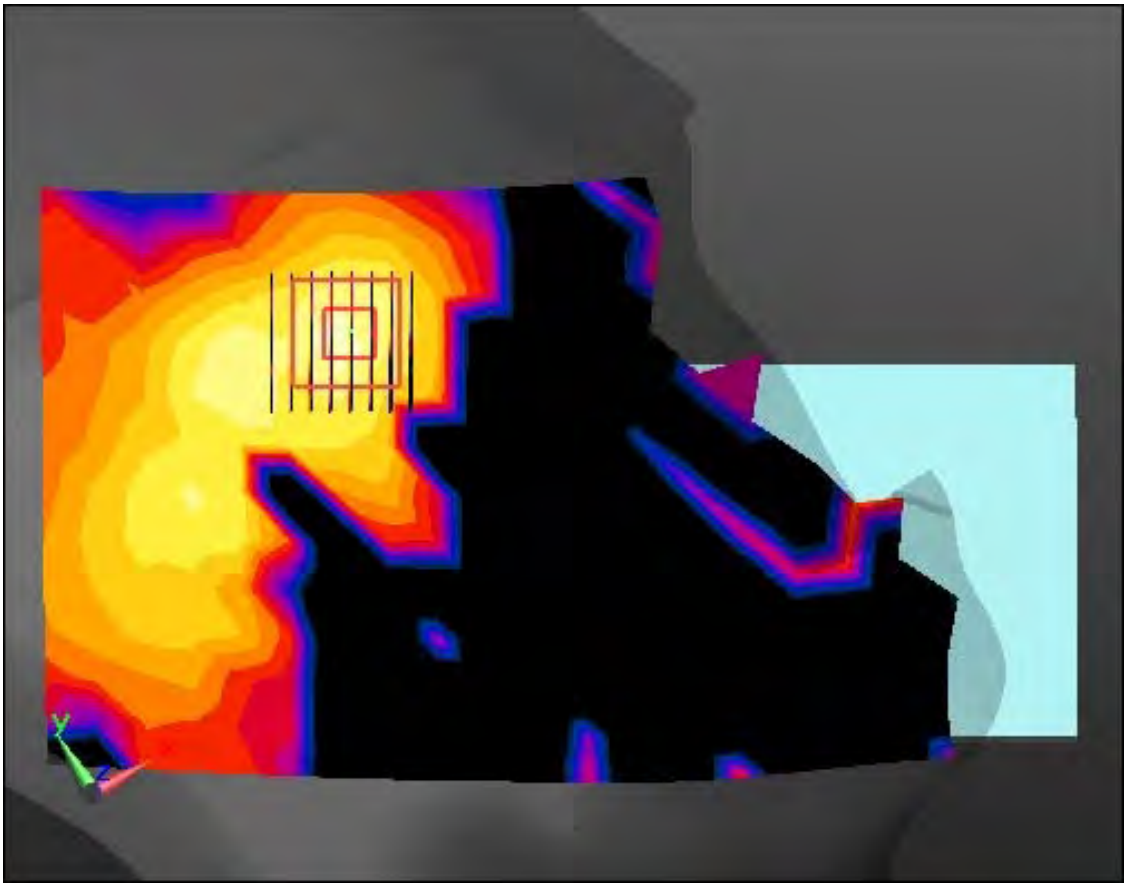
Test Date: 2020-06-01; Ambient Temp: 20.6; Tissue Temp: 20.5

Left Touch, W-LAN(802.11n HT40) Ch. 62, Ant Internal, Standard Battery

Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.077 W/kg



0 dB = 0.885 W/kg



Enlarged Plot for A15

DUT: LG-Q730BAW; Type: Bar

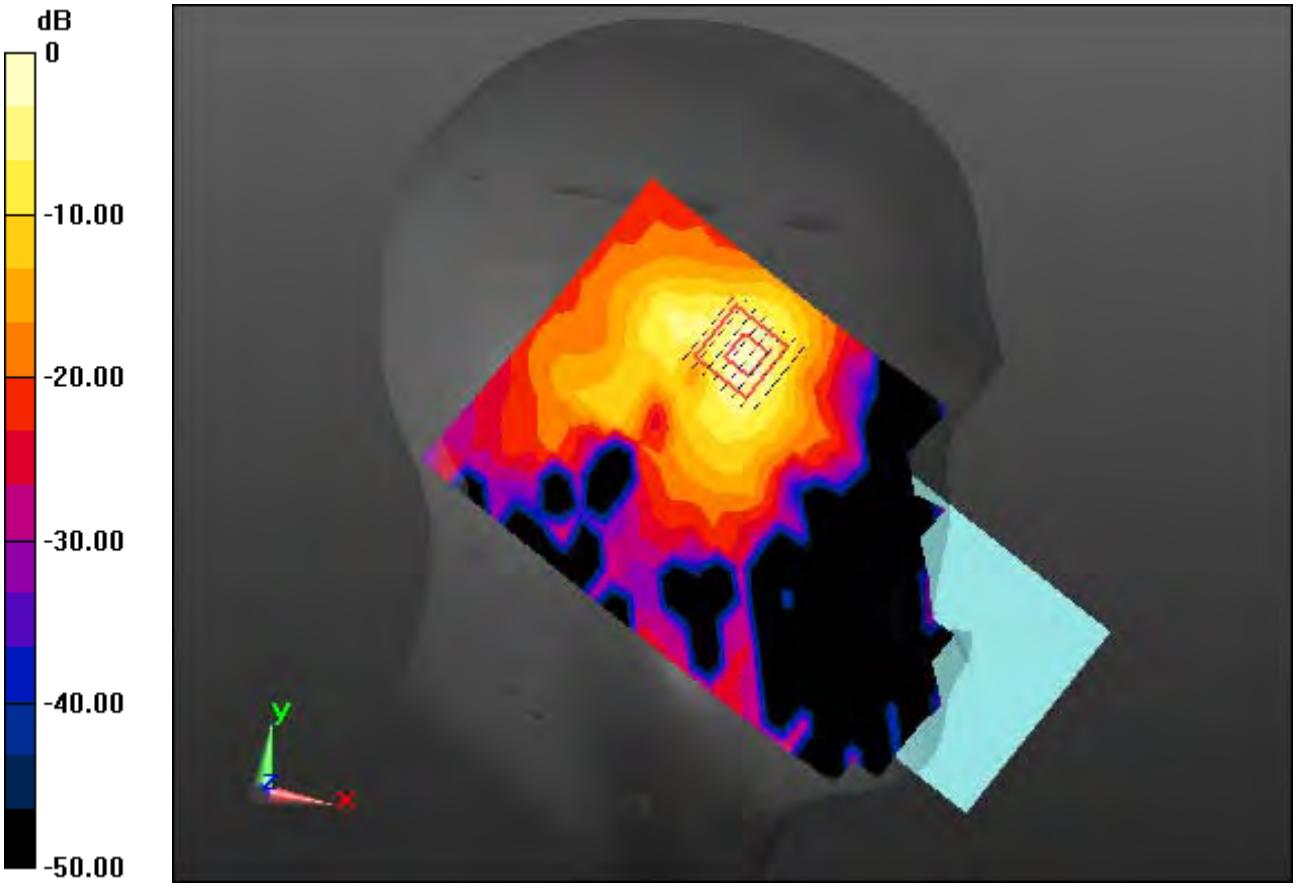
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5550 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5550 MHz; σ = 5.104 S/m; ε_r = 35.458; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.99, 4.99, 4.99) @ 5550 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

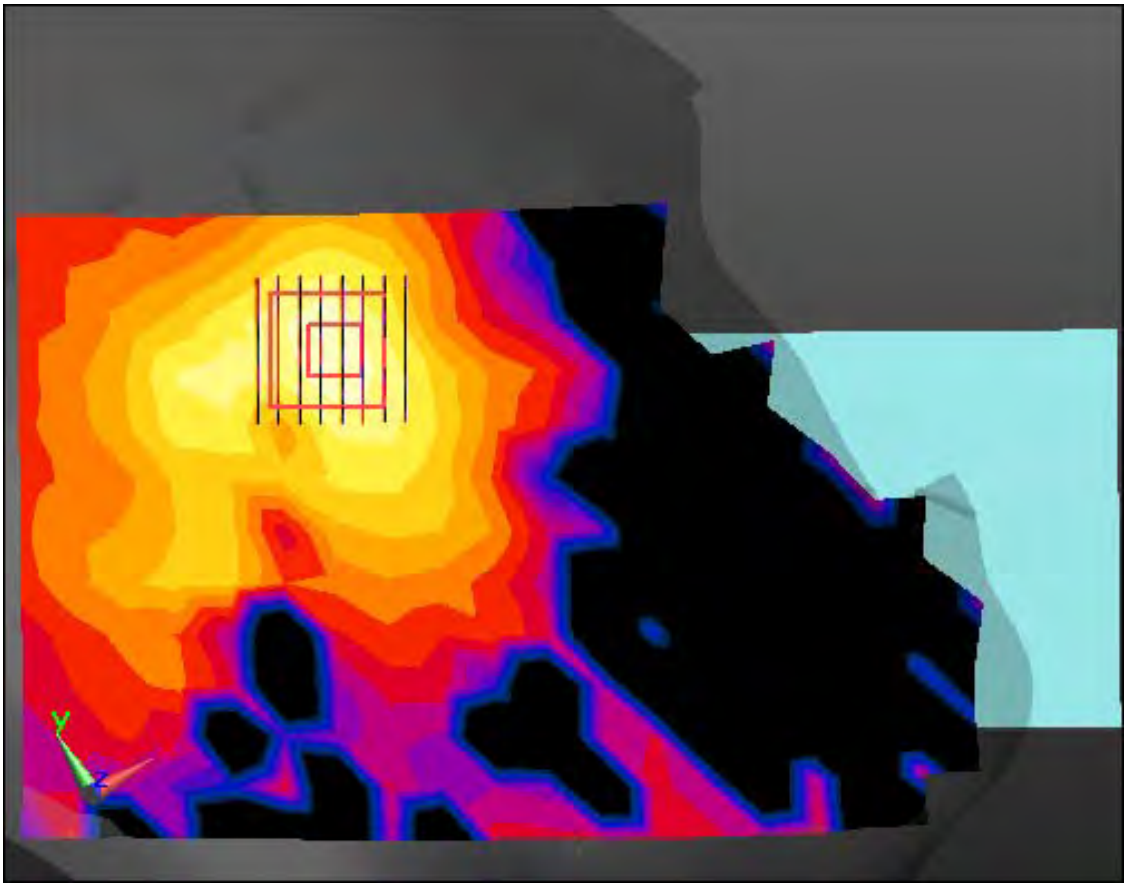
Test Date: 2020-06-04; Ambient Temp: 21.1; Tissue Temp: 21.2

Left Touch, W-LAN(802.11n HT40) Ch. 110, Ant Internal, Standard Battery

Area Scan (13x22x1): 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) = 2.86 W/kg
SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.185 W/kg



0 dB = 1.61 W/kg



Enlarged Plot for A16

DT&C Co., Ltd.

DUT: LG-Q730BAW; Type: Bar

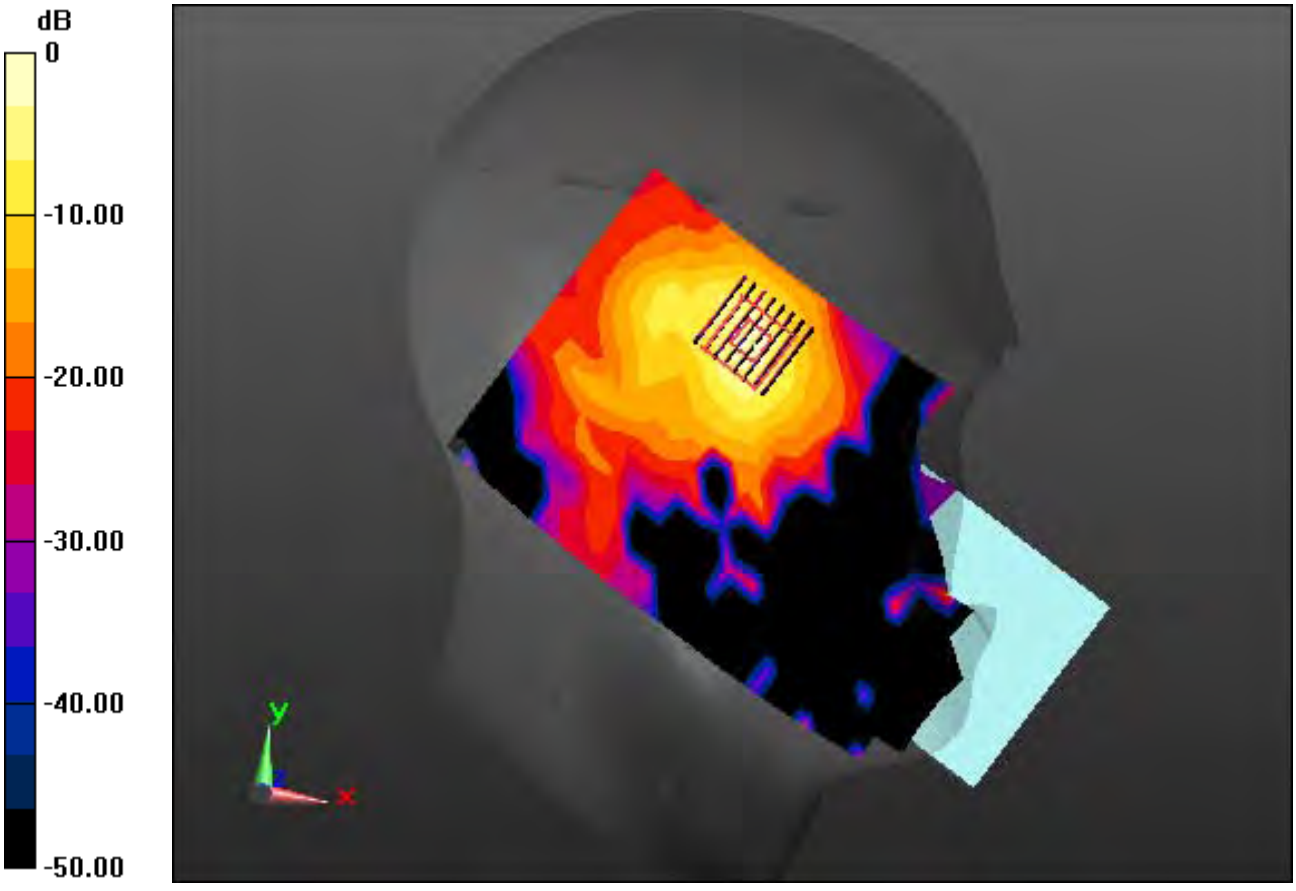
Communication System: UID 0, W-LAN_5800 (0); Frequency: 5755 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5755 MHz; σ = 5.337 S/m; ε_r = 35.138; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.9, 4.9, 4.9) @ 5755 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

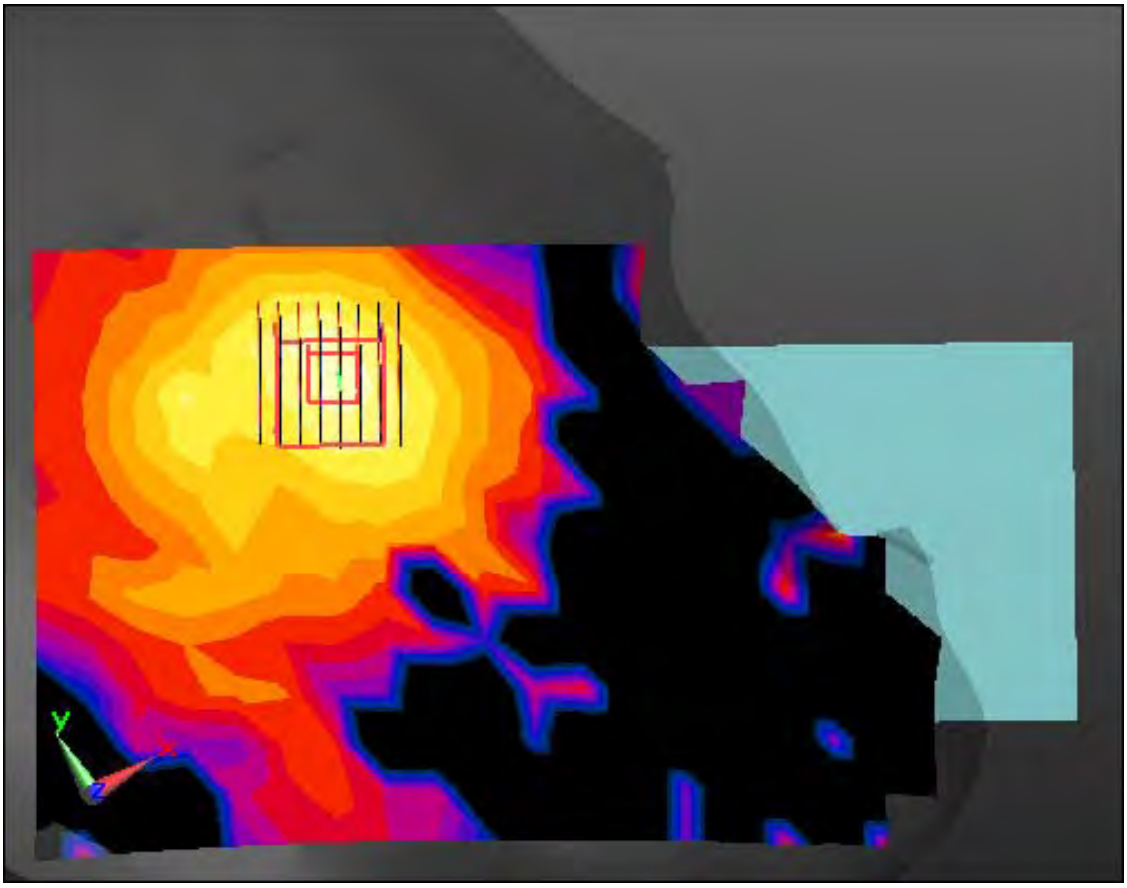
Test Date: 2020-06-04; Ambient Temp: 21.1; Tissue Temp: 21.2

Left Touch, W-LAN(802.11n HT40) Ch. 151, Ant Internal, Standard Battery

Area Scan (13x22x1): 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) = 2.78 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.148 W/kg



0 dB = 1.40 W/kg



Enlarged Plot for A17

DUT: LG-Q730BAW; Type: Bar

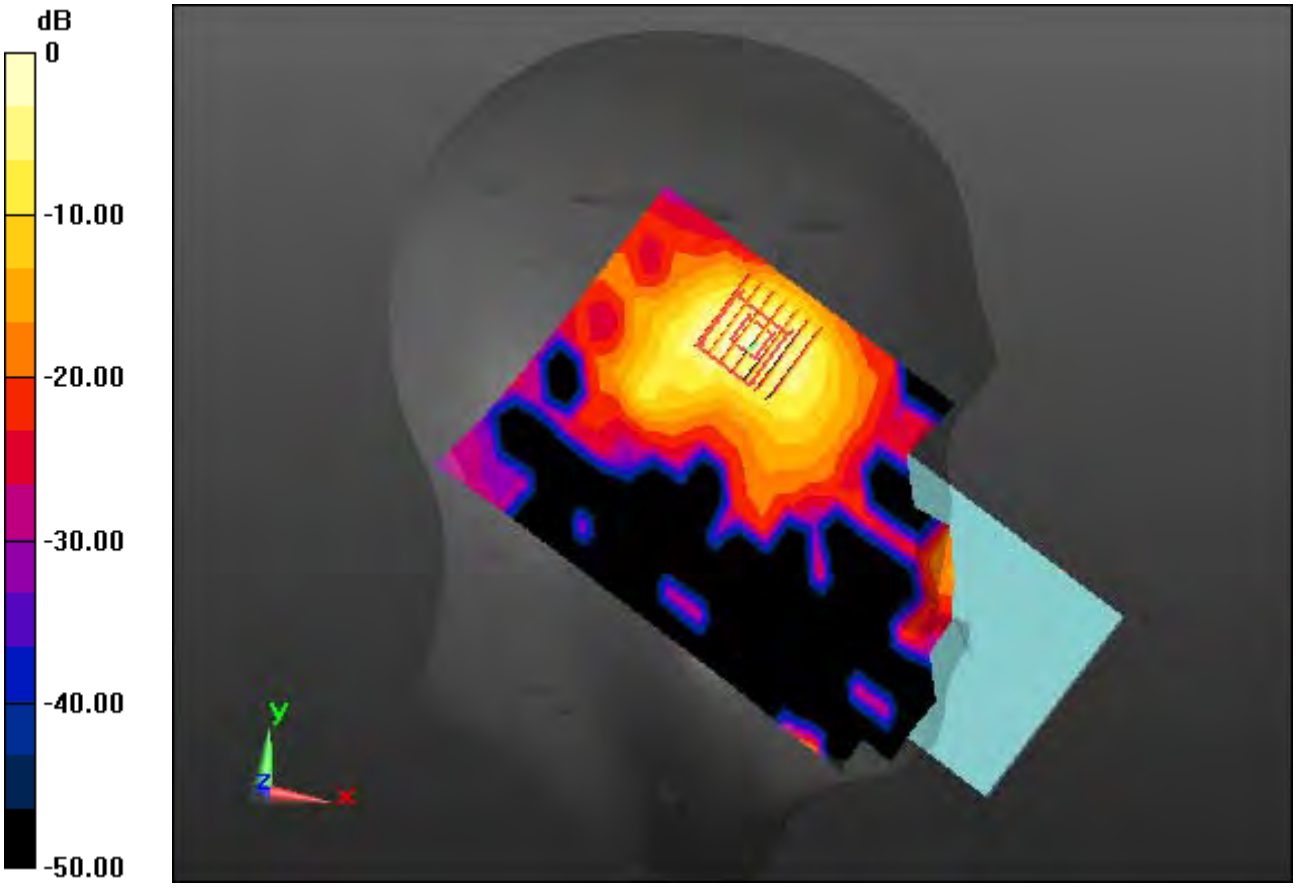
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.766 S/m; ε_r = 40.601; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.66, 7.66, 7.66) @ 2441 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

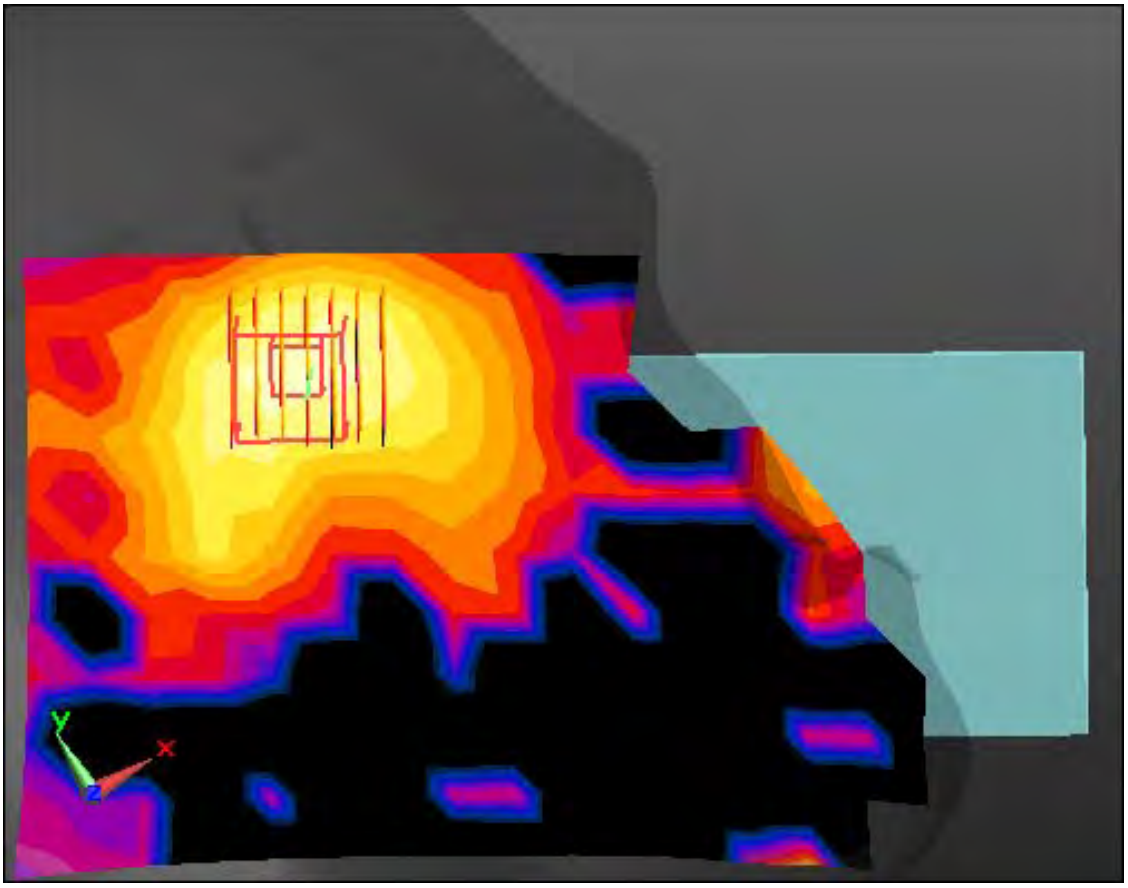
Test Date: 2020-05-27; Ambient Temp: 21.3; Tissue Temp: 21.2

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

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.162 W/kg



Enlarged Plot for A18

DT&C Co., Ltd.

DUT: LM-Q730BAW; Type: Bar

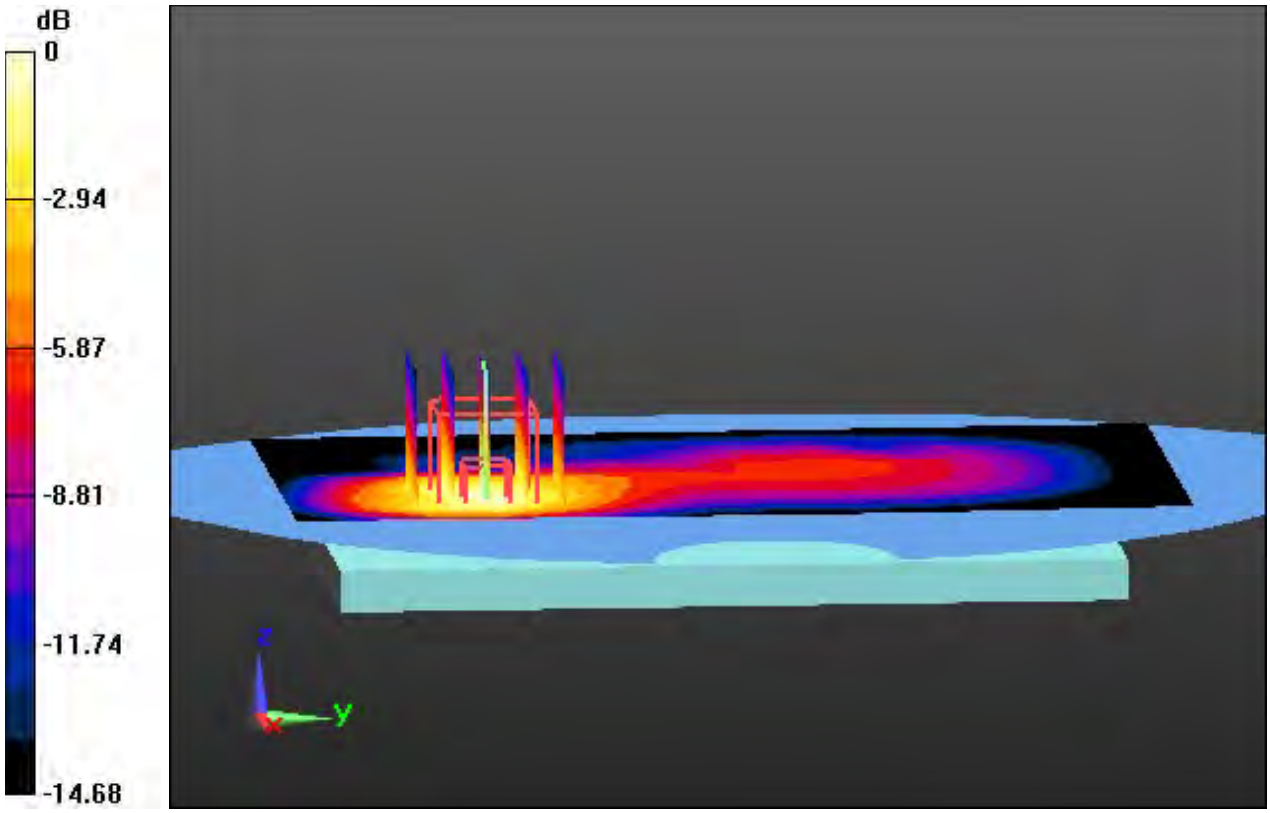
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 1.008 S/m; ε_r = 53.204; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.6, 10.6, 10.6) @ 836.6 MHz; Calibrated: 2019-11-27;
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

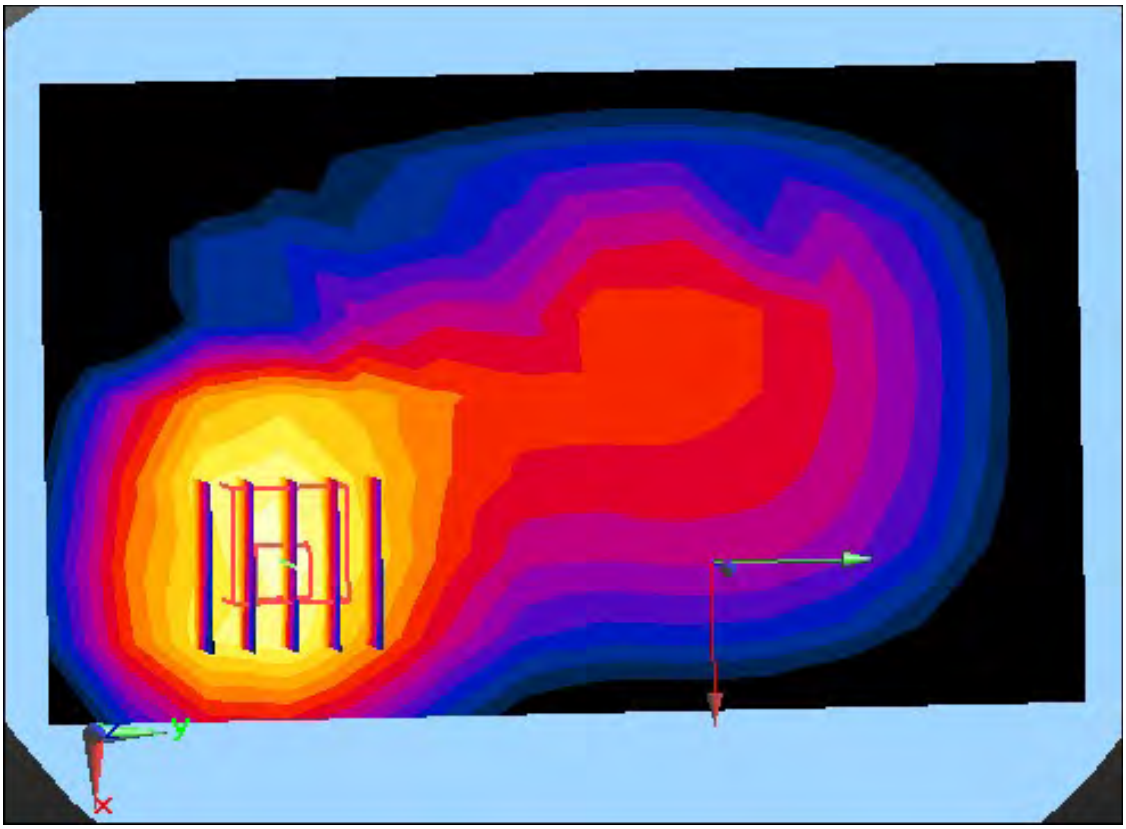
Test Date: 2020-06-10; Ambient Temp: 20.3; Tissue Temp: 20.2

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.335 W/kg



0 dB = 0.717 W/kg



Enlarged Plot for A19

DT&C Co., Ltd.

DUT: LM-Q730BAW; Type: Bar

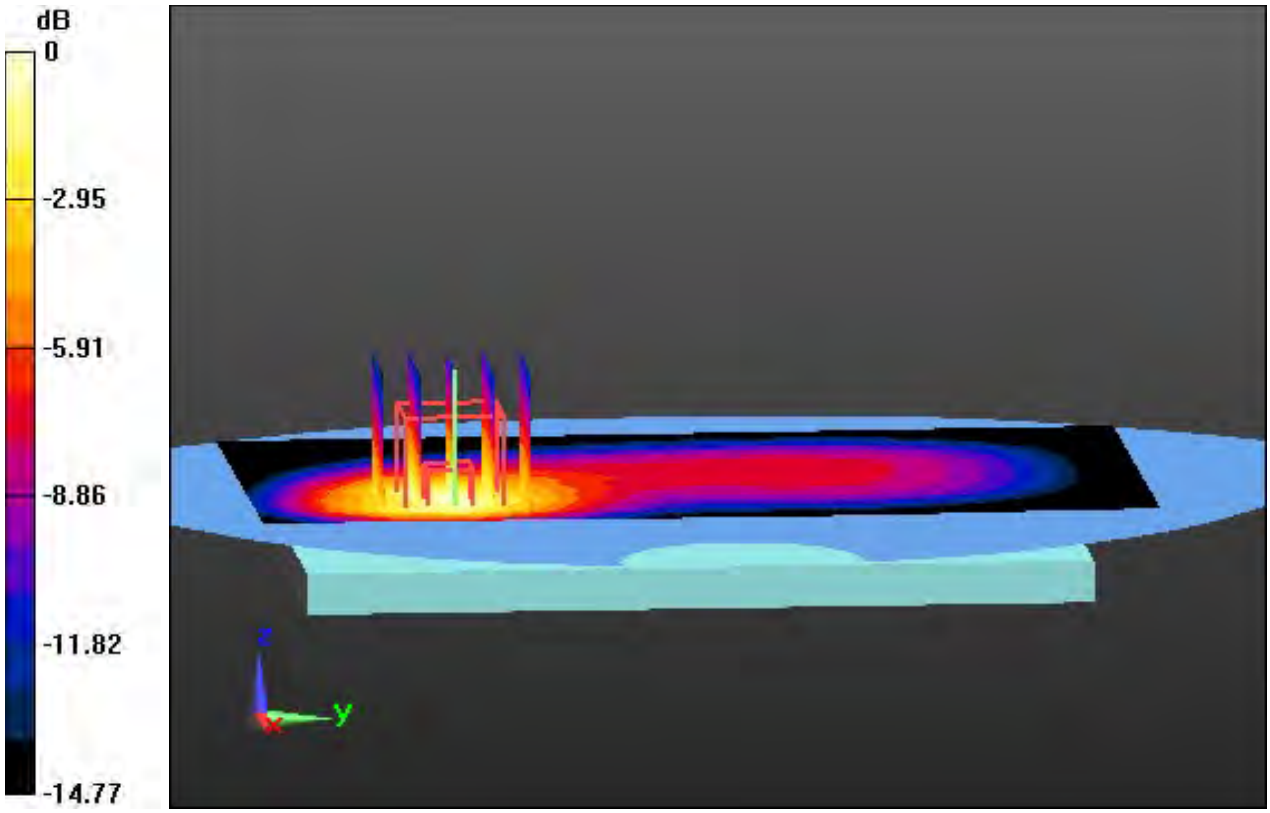
Communication System: UID 0, GSM 850 3 Tx (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 848.8 MHz; σ = 1.019 S/m; ε_r = 53.082; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.6, 10.6, 10.6) @ 848.8 MHz; Calibrated: 2019-11-27;
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

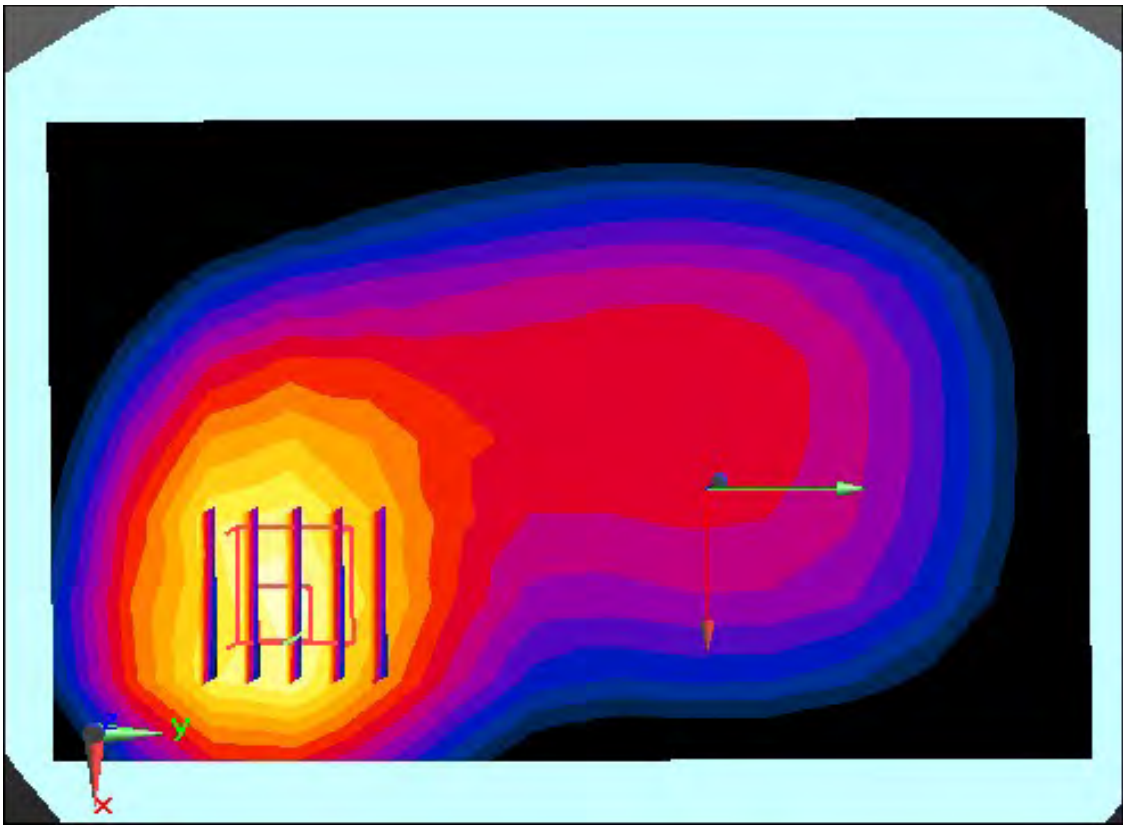
Test Date: 2020-06-10; Ambient Temp: 20.3; Tissue Temp: 20.2

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

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) = 1.80 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.629 W/kg



0 dB = 1.39 W/kg



Enlarged Plot for A20

DUT: LG-Q730BAW; Type: Bar

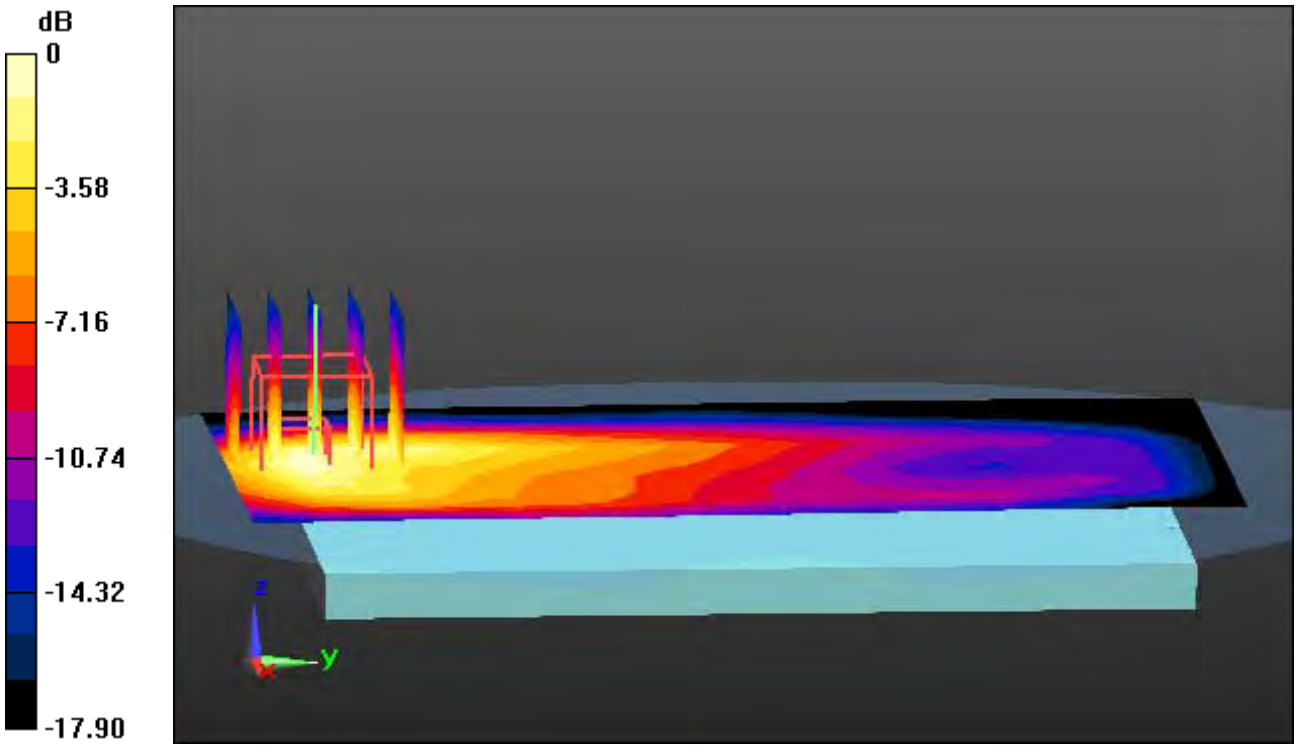
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.512 S/m; ε_r = 51.697; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

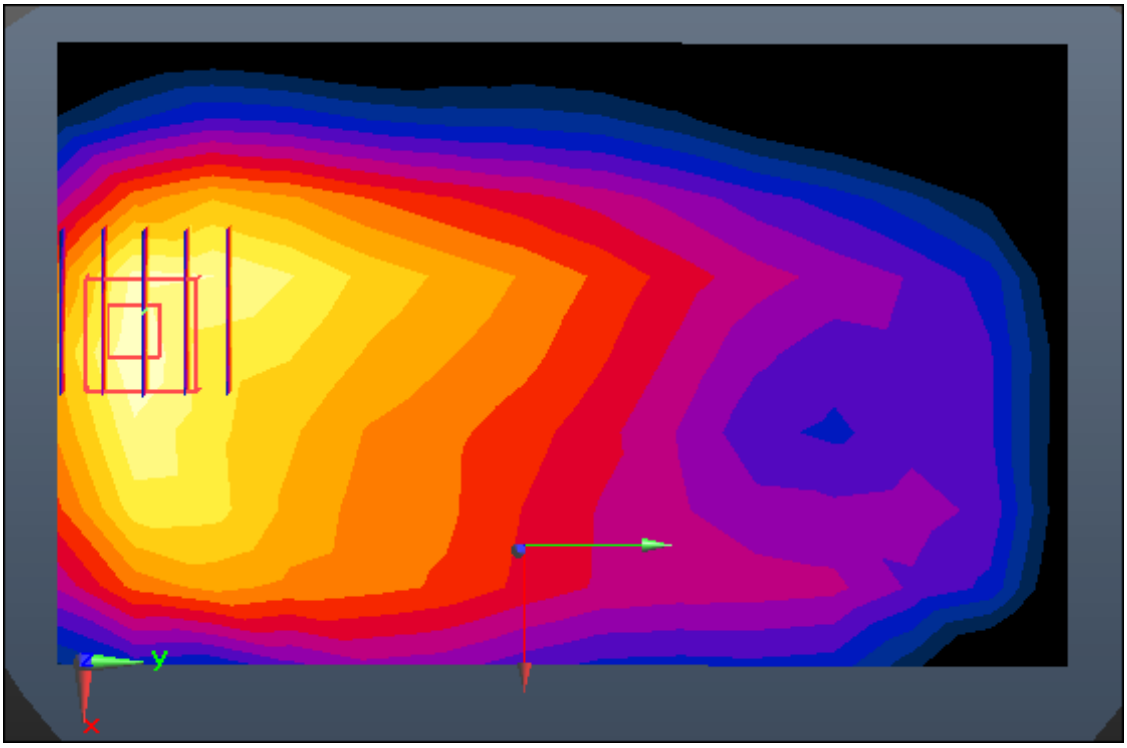
Test Date: 2020-06-05; Ambient Temp: 21.3 Tissue Temp: 21.2

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.683 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.220 W/kg



0 dB = 0.480 W/kg



Enlarge Plot for A21

DUT: LG-Q730BAW; Type: Bar

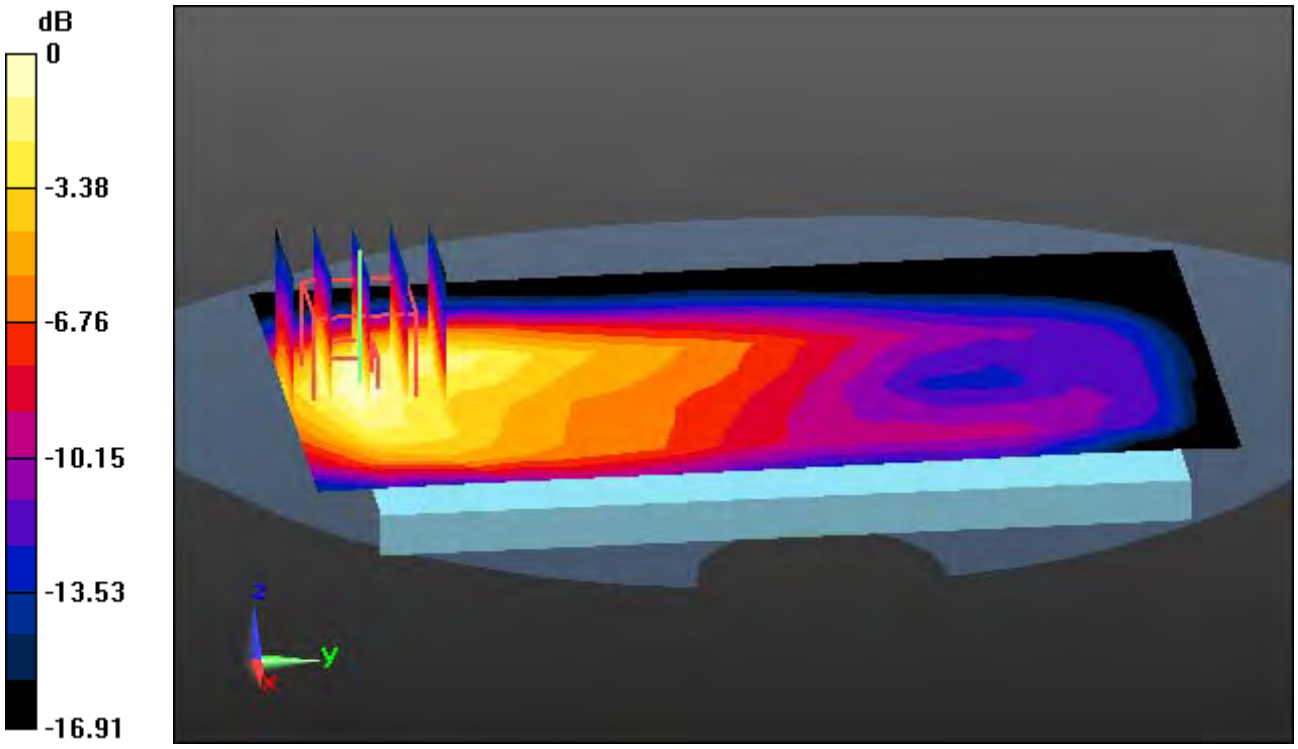
Communication System: UID 0, PCS1900_3Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.512 S/m; ε_r = 51.697; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

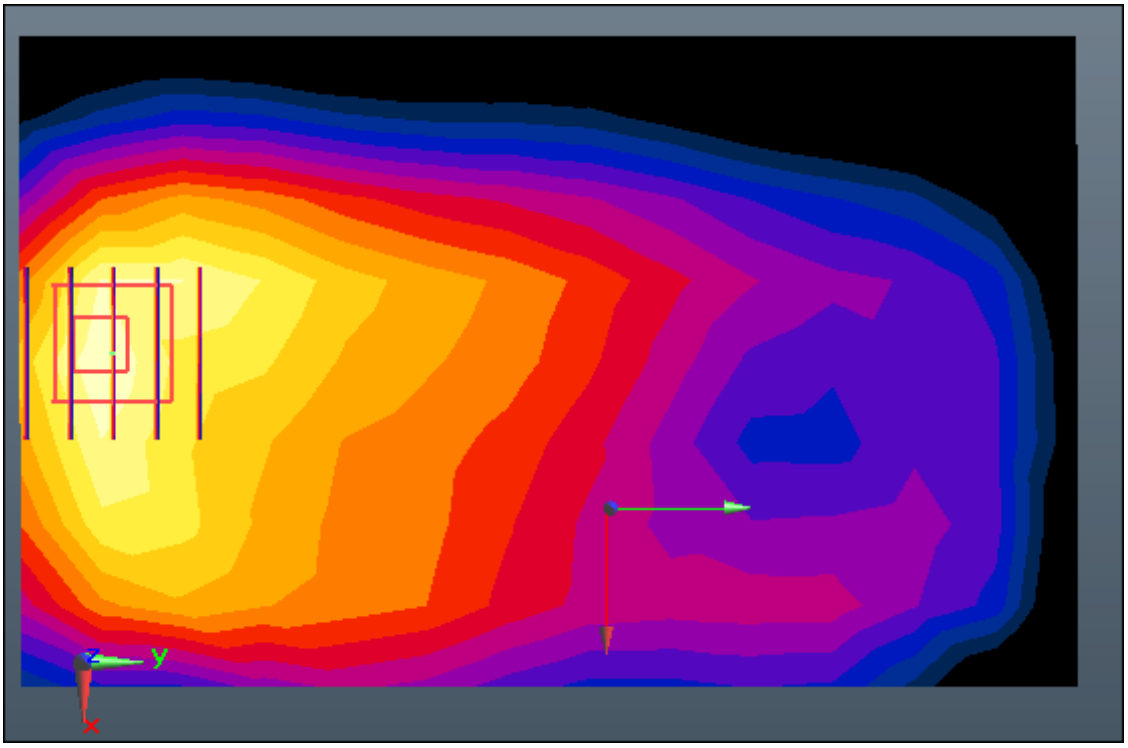
Test Date: 2020-06-05; Ambient Temp: 21.3 Tissue Temp: 21.2

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

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) = 1.11 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.338 W/kg



0 dB = 0.783 W/kg



Enlarge Plot for A22

DUT: LM-Q730BAW; Type: Bar

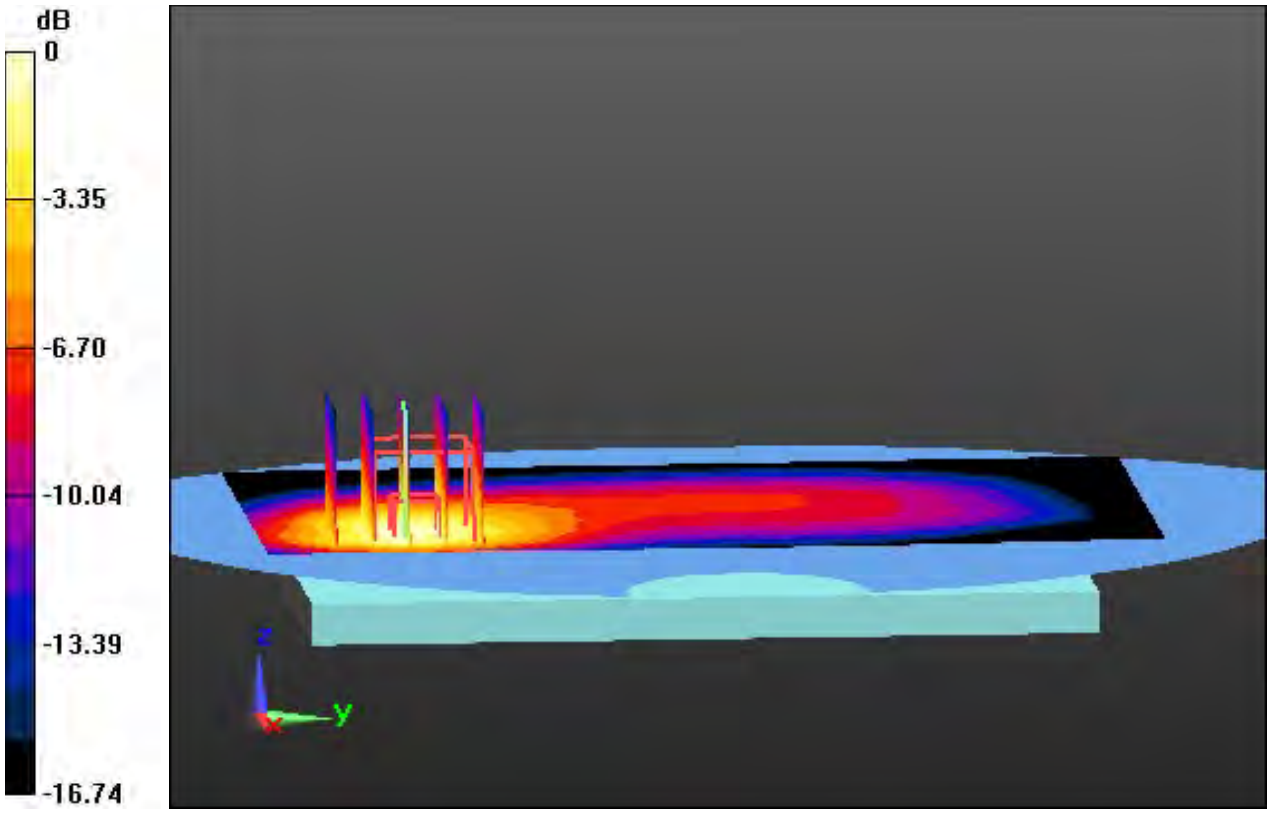
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 1.017 S/m; ε_r = 53.103; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.6, 10.6, 10.6) @ 846.6 MHz; Calibrated: 2019-11-27;
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

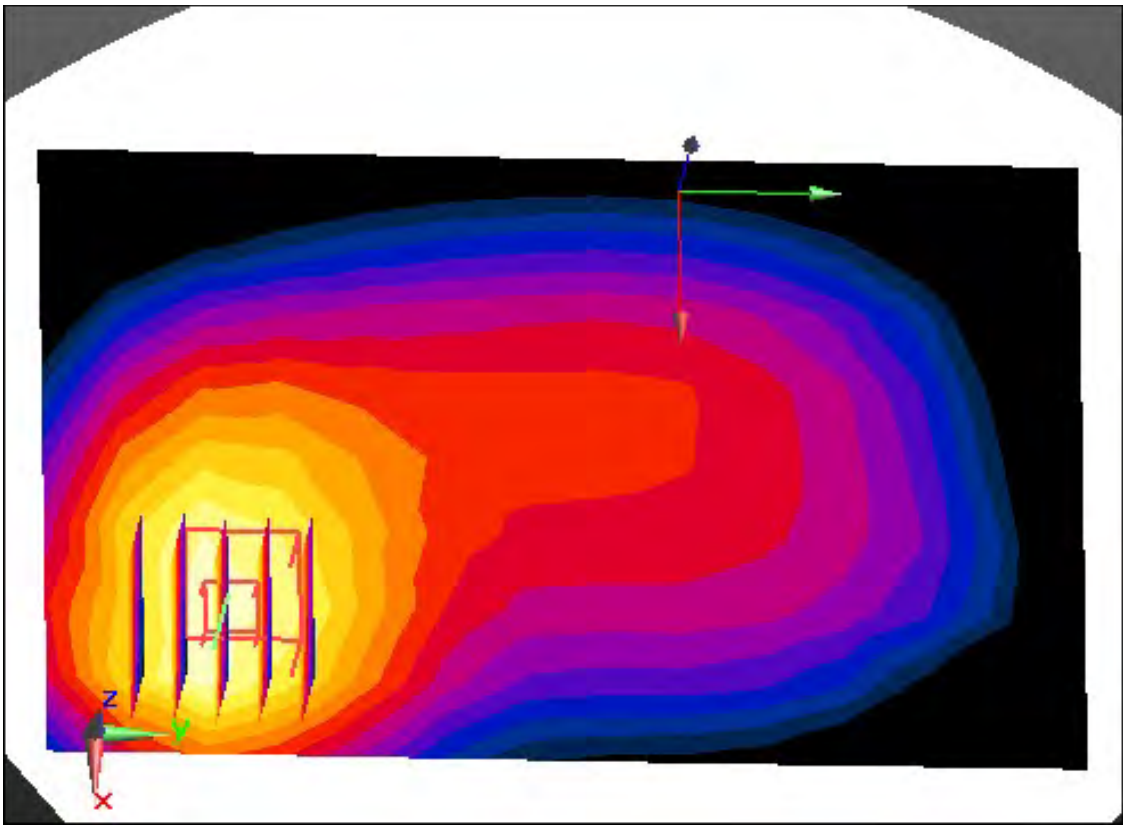
Test Date: 2020-06-10; Ambient Temp: 20.3; Tissue Temp: 20.2

1 cm space from Body, Rear, WCDMA Band 5 Ch. 4233, Ant. Internal

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.520 W/kg



0 dB = 1.18 W/kg



Enlarged Plot for A23

DUT: LG-Q730BAW; Type: Bar

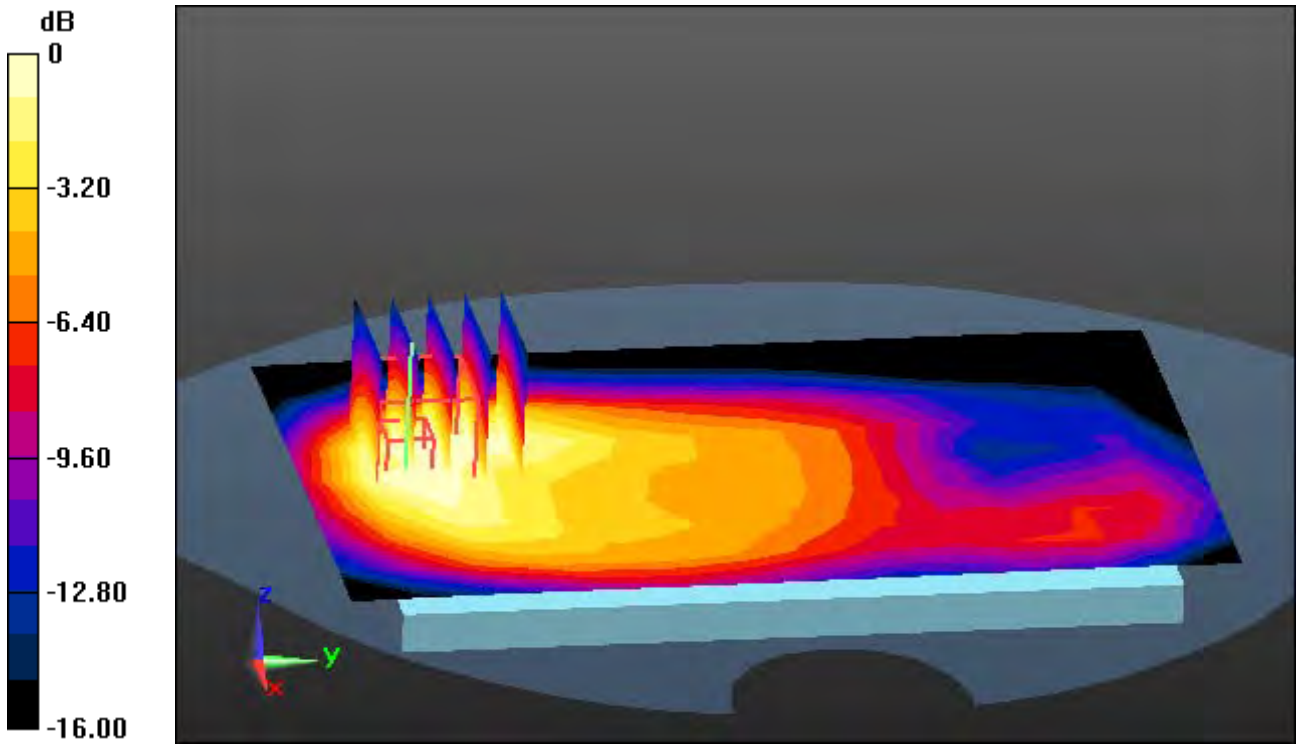
Communication System: UID 0, WCDMA 1700 (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.474 S/m; ε_r = 51.674; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

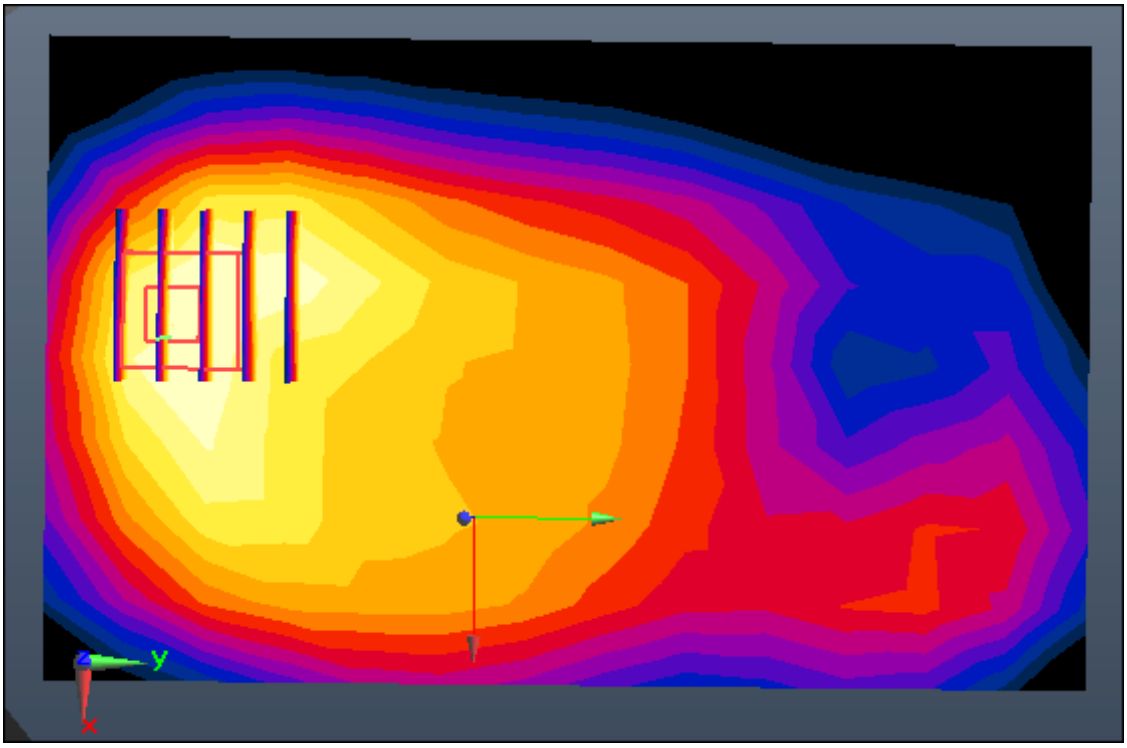
Test Date: 2020-06-09; Ambient Temp: 21.7; Tissue Temp: 21.9

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.389 W/kg



0 dB = 0.690 W/kg



Enlarge Plot for A24

DUT: LG-Q730BAW; Type: Bar

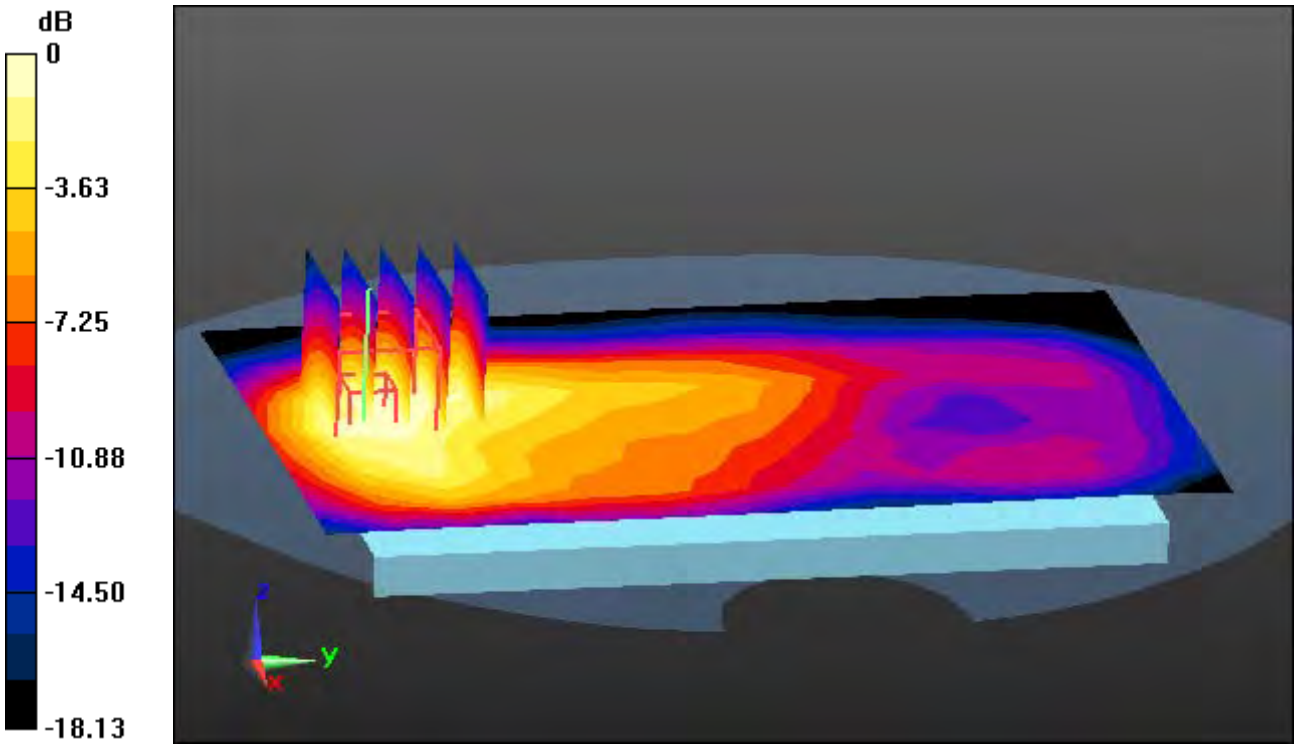
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.512 S/m; ε_r = 51.697; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

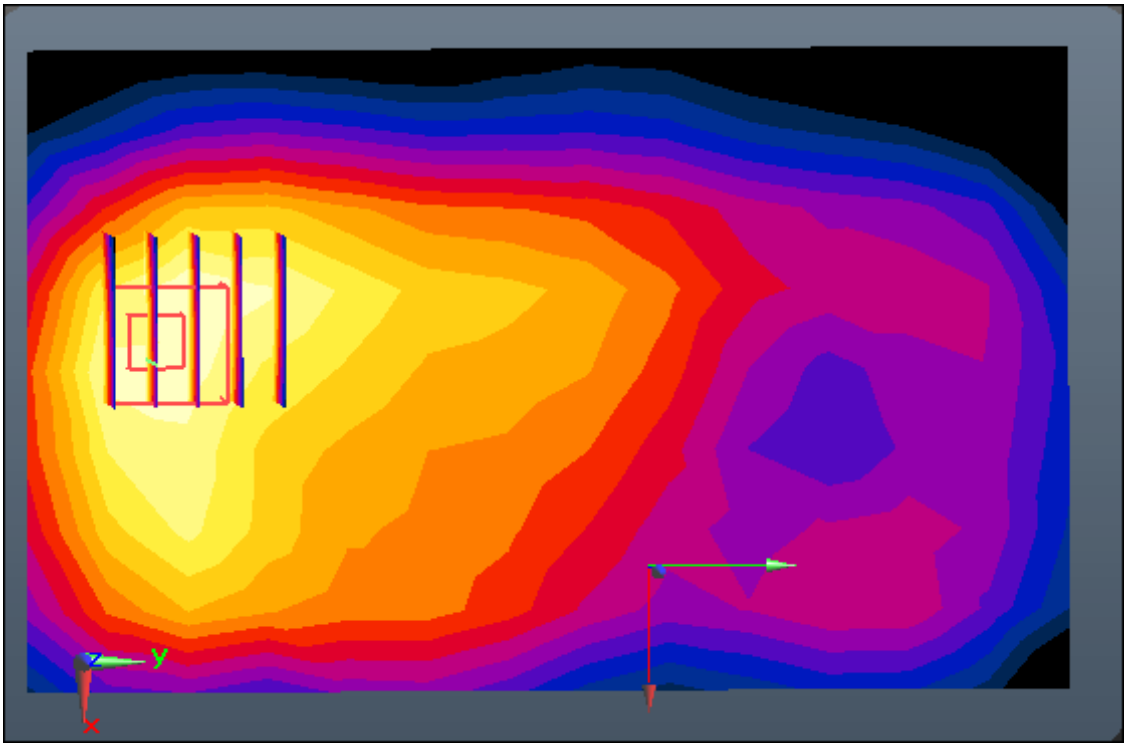
Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.2

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.354 W/kg



0 dB = 0.700 W/kg



Enlarge Plot for A25

DUT: LM-Q730BAW; 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 = 0.926 S/m; ε_r = 57.799; ρ = 1000 kg/m^3
Phantom section: Flat Section

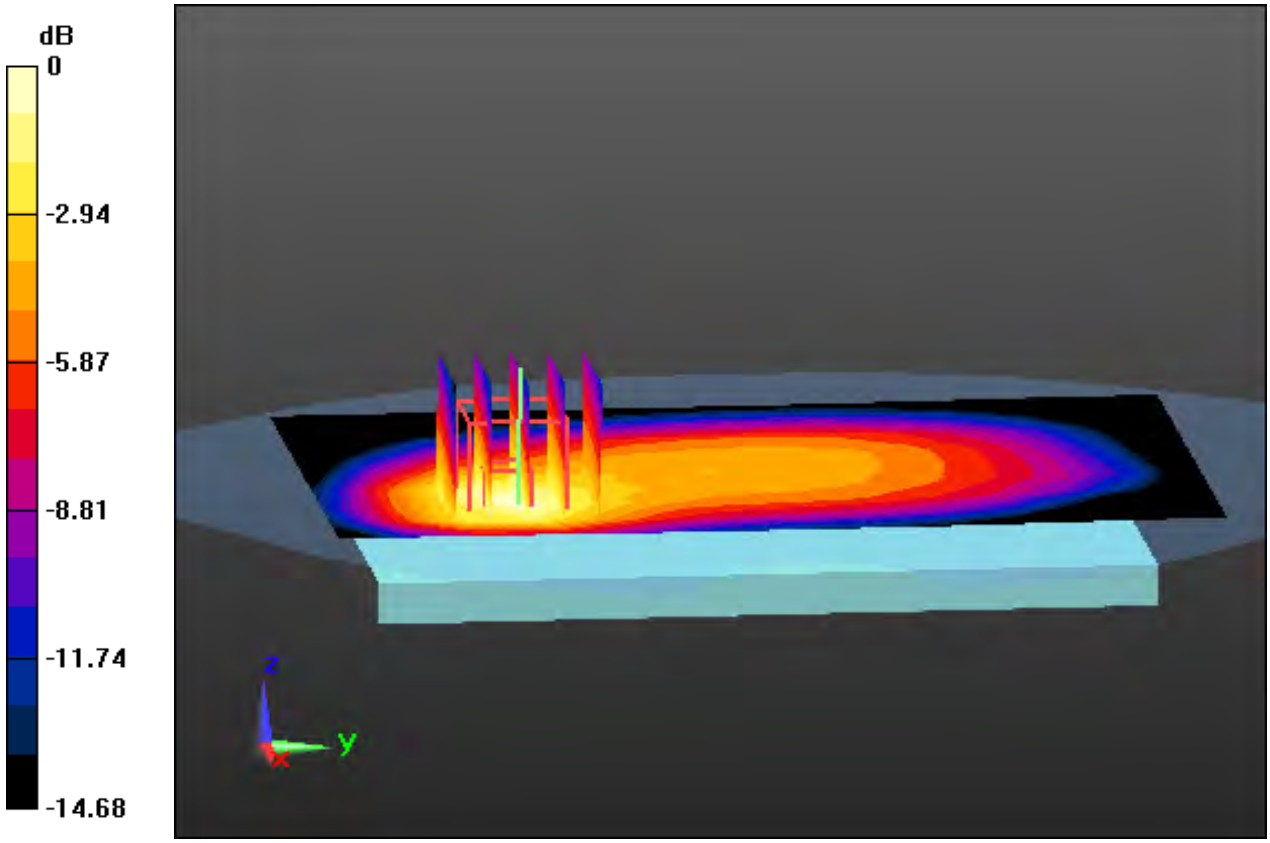
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 5/27/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-10; Ambient Temp: 20.8; Tissue Temp: 20.6

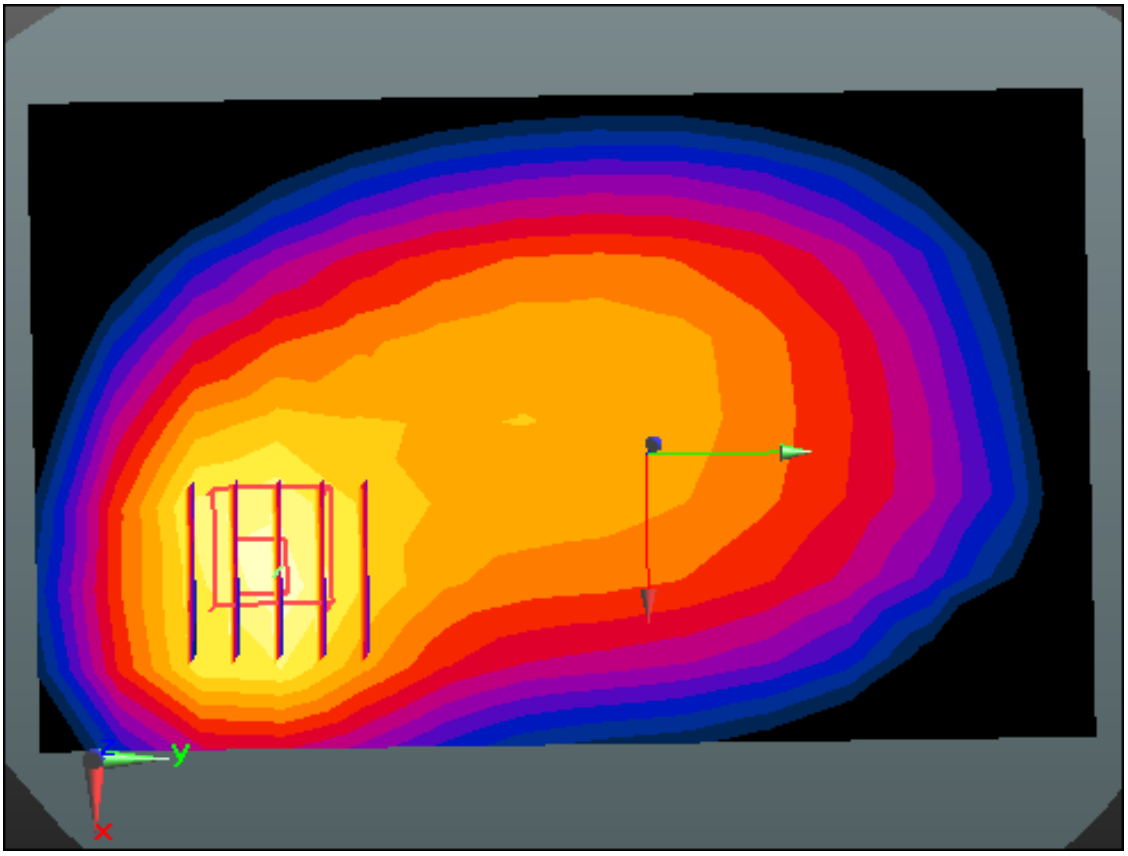
1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal

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 = 0.05 dB
Peak SAR (extrapolated) = 0.794 W/kg
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.302 W/kg



0 dB = 0.616 W/kg



Enlarged Plot for A26

DUT: LM-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 13 (FCC) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.992 S/m; ε_r = 57.06; ρ = 1000 kg/m^3
Phantom section: Flat Section

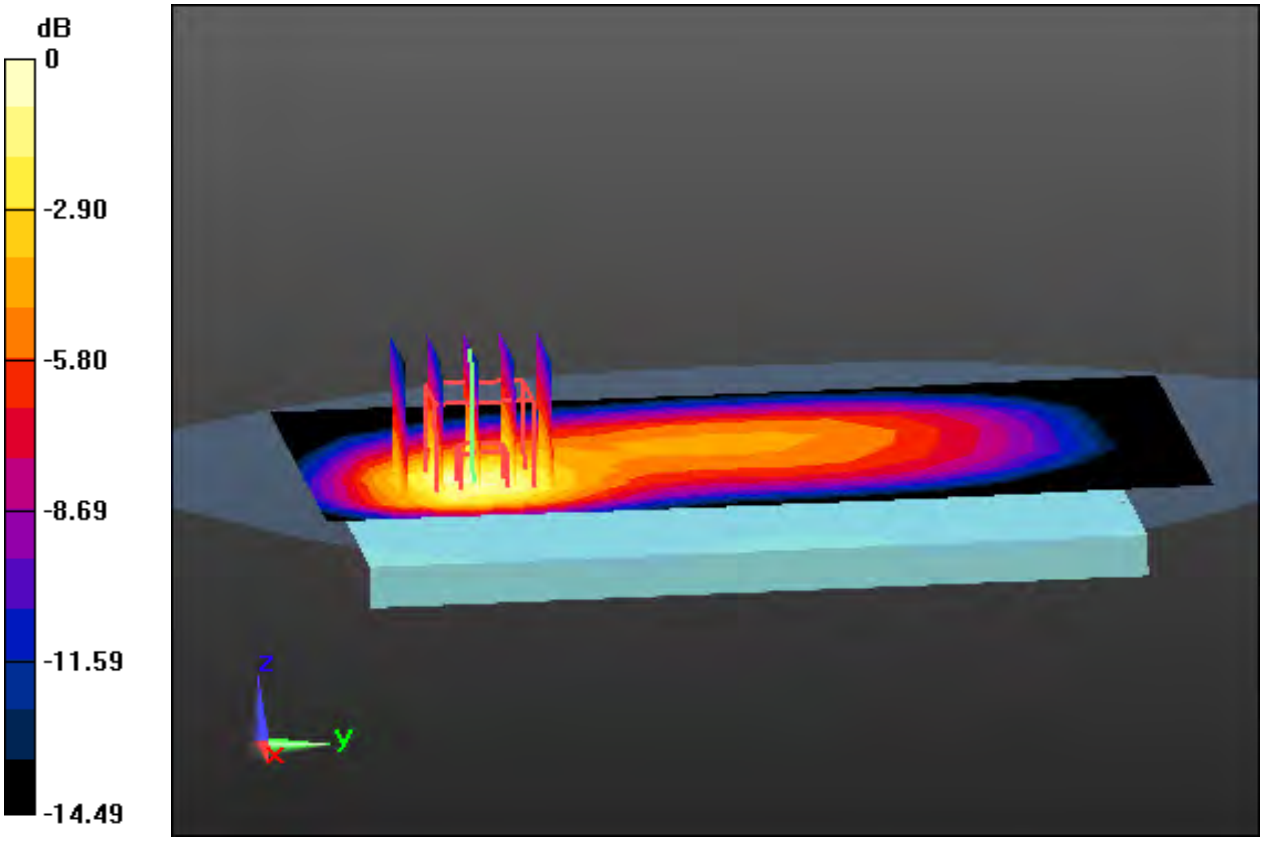
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 5/27/2020 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-10; Ambient Temp: 20.8; Tissue Temp: 20.6

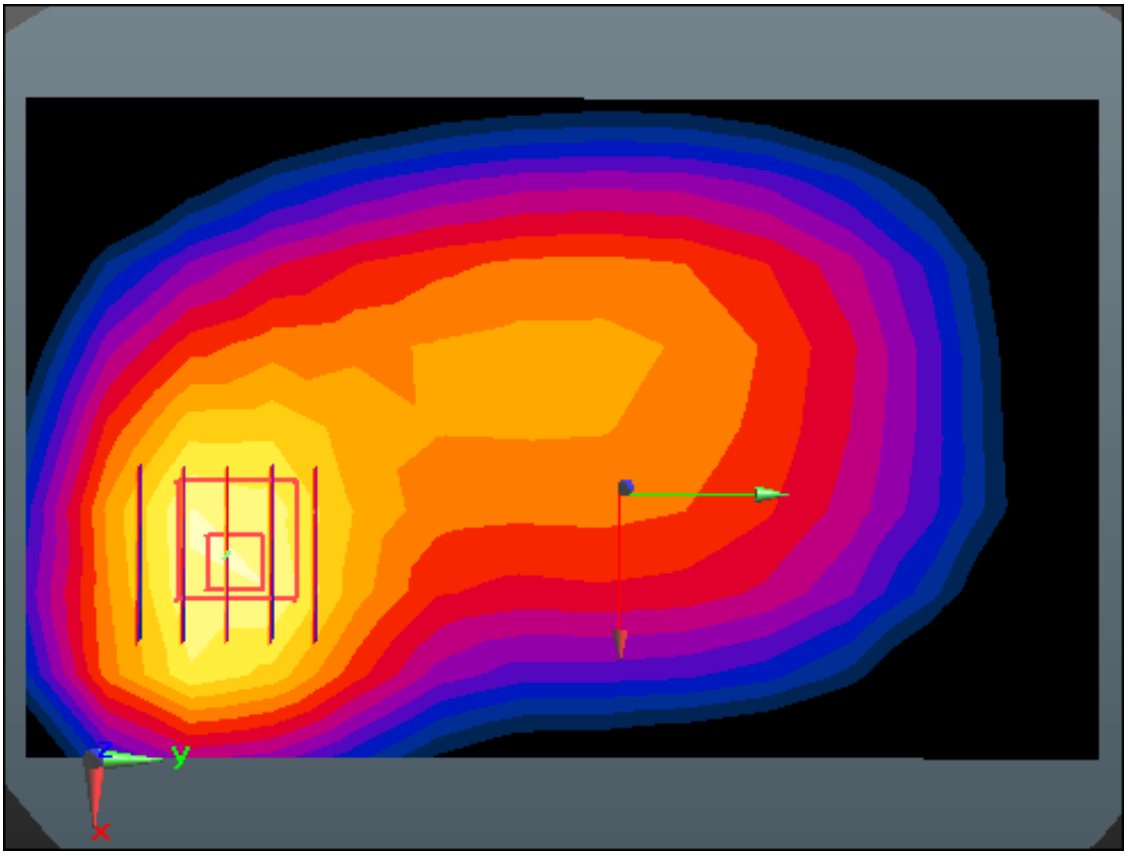
1 cm space from Body, Rear, LTE Band 13 Ch. 23230, Ant Internal

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 = -0.03 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.409 W/kg



0 dB = 0.881 W/kg



Enlarged Plot for A27

DT&C Co., Ltd.

DUT: LM-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 5 (CE) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1.008 S/m; ε_r = 53.204; ρ = 1000 kg/m^3
Phantom section: Flat Section

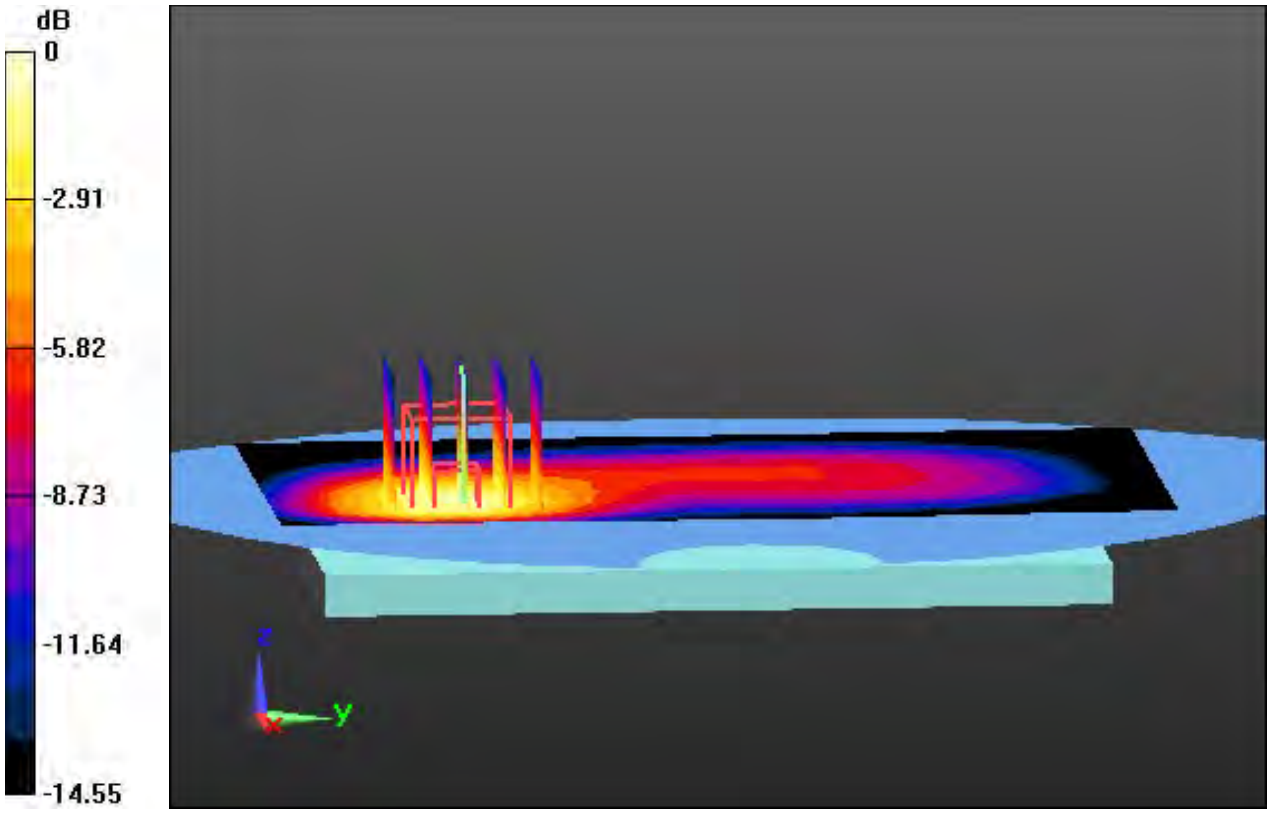
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.6, 10.6, 10.6) @ 836.5 MHz; Calibrated: 2019-11-27
Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-10; Ambient Temp: 20.3; Tissue Temp: 20.2

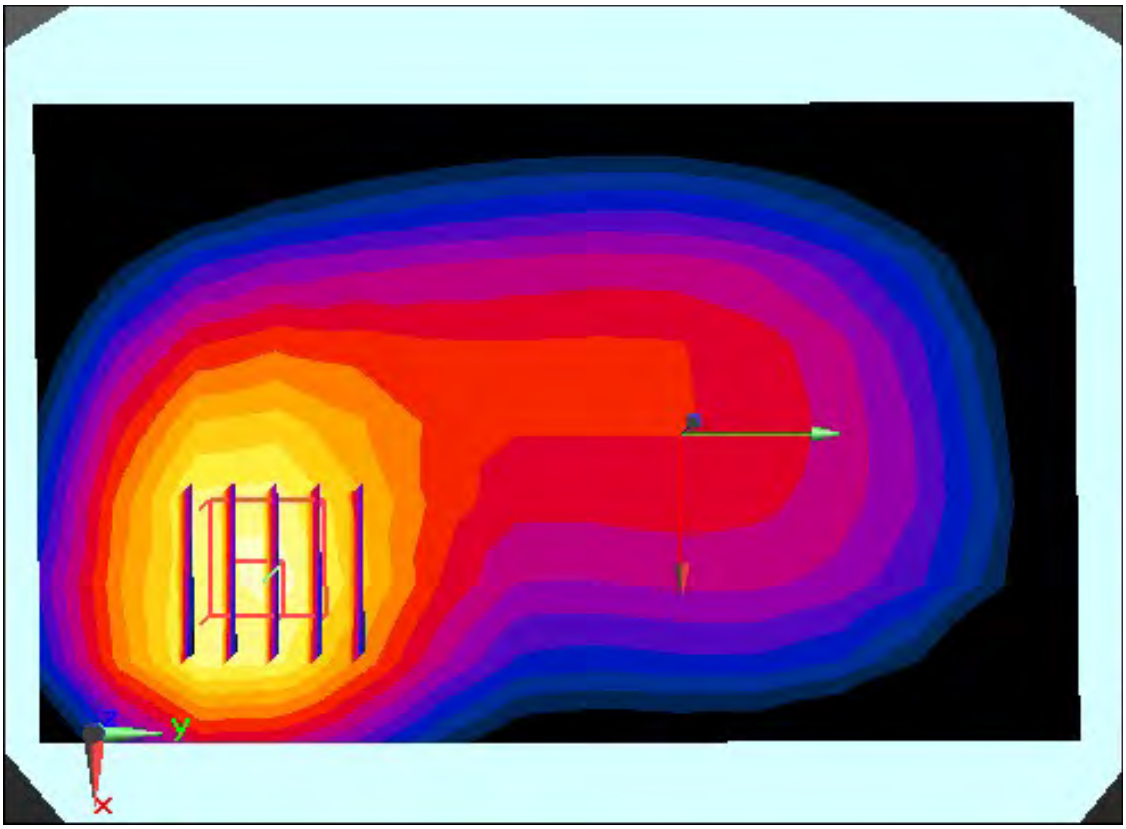
1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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 = -0.03 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.413 W/kg



0 dB = 0.884 W/kg



Enlarged Plot for A28

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 66 (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1770 MHz; σ = 1.508 S/m; ε_r = 51.574; ρ = 1000 kg/m^3
Phantom section: Flat Section

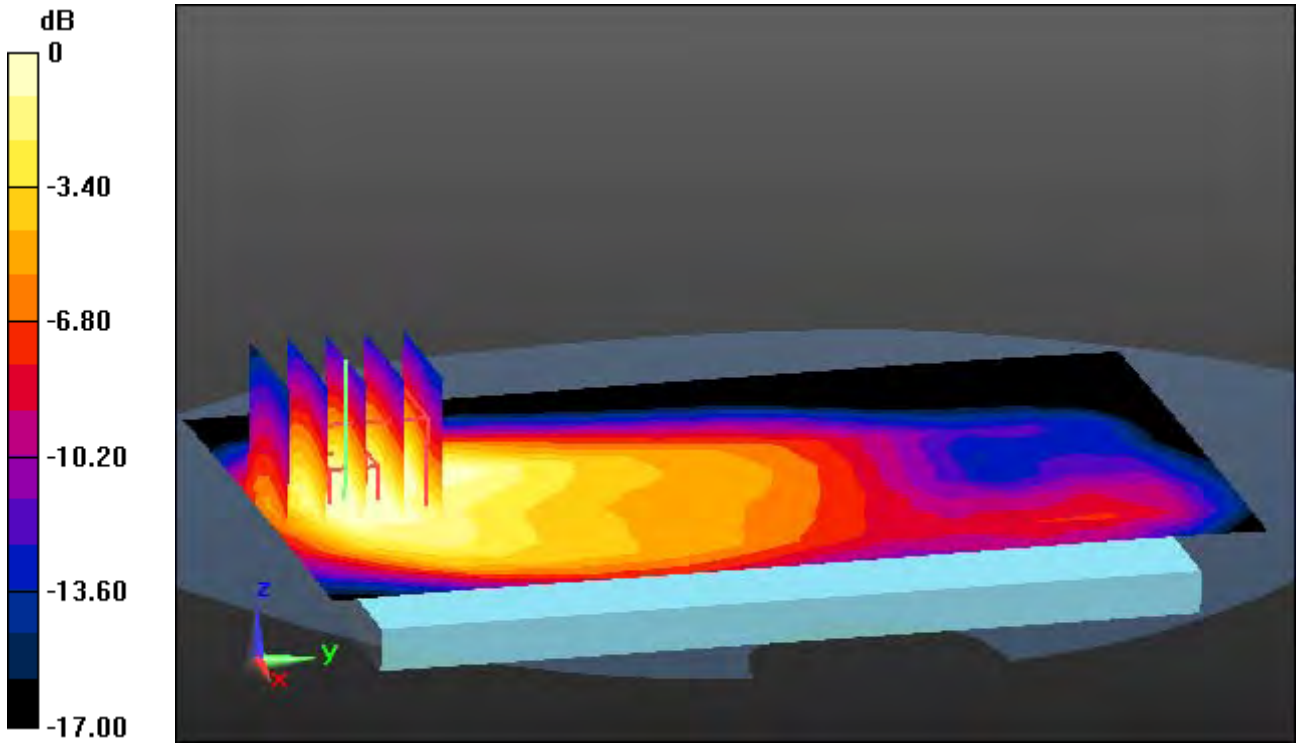
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-09; Ambient Temp: 21.7; Tissue Temp: 21.9

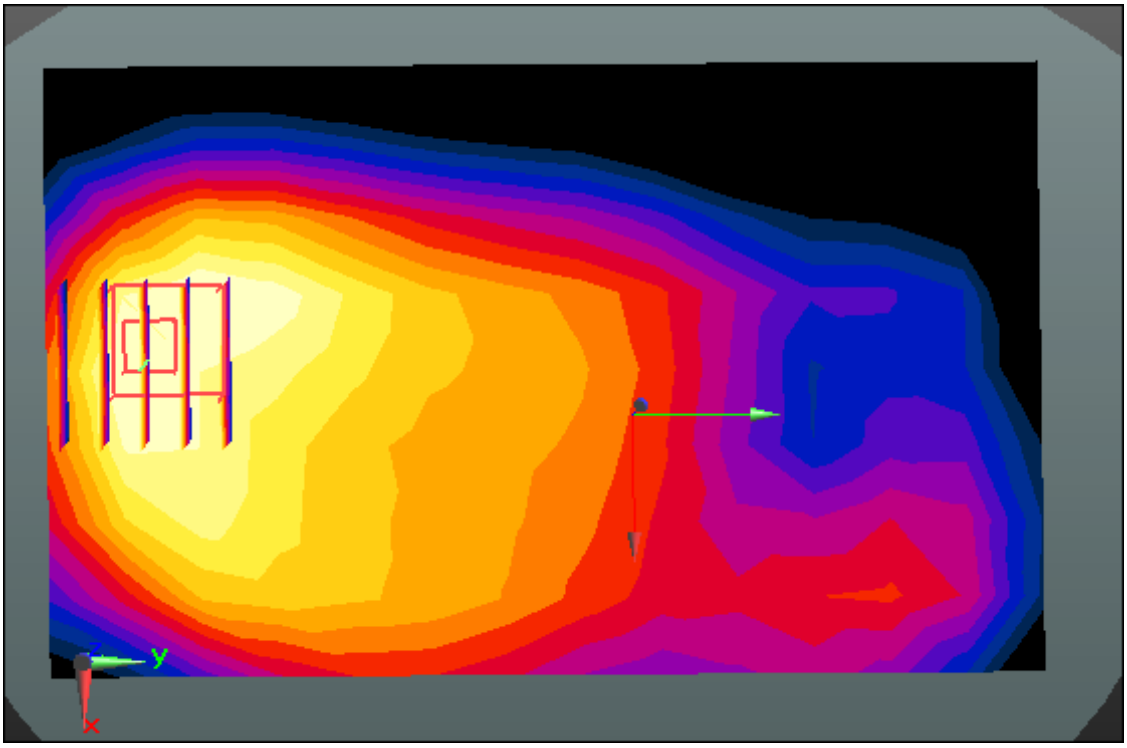
1 cm space from Body, Rear, LTE Band 66 Ch. 132572, Ant. Internal

Mode : BandWidth 20 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 = -0.04 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.410 W/kg



0 dB = 0.680 W/kg



Enlarge Plot for A29

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.529 S/m; ε_r = 51.654; ρ = 1000 kg/m^3
Phantom section: Flat Section

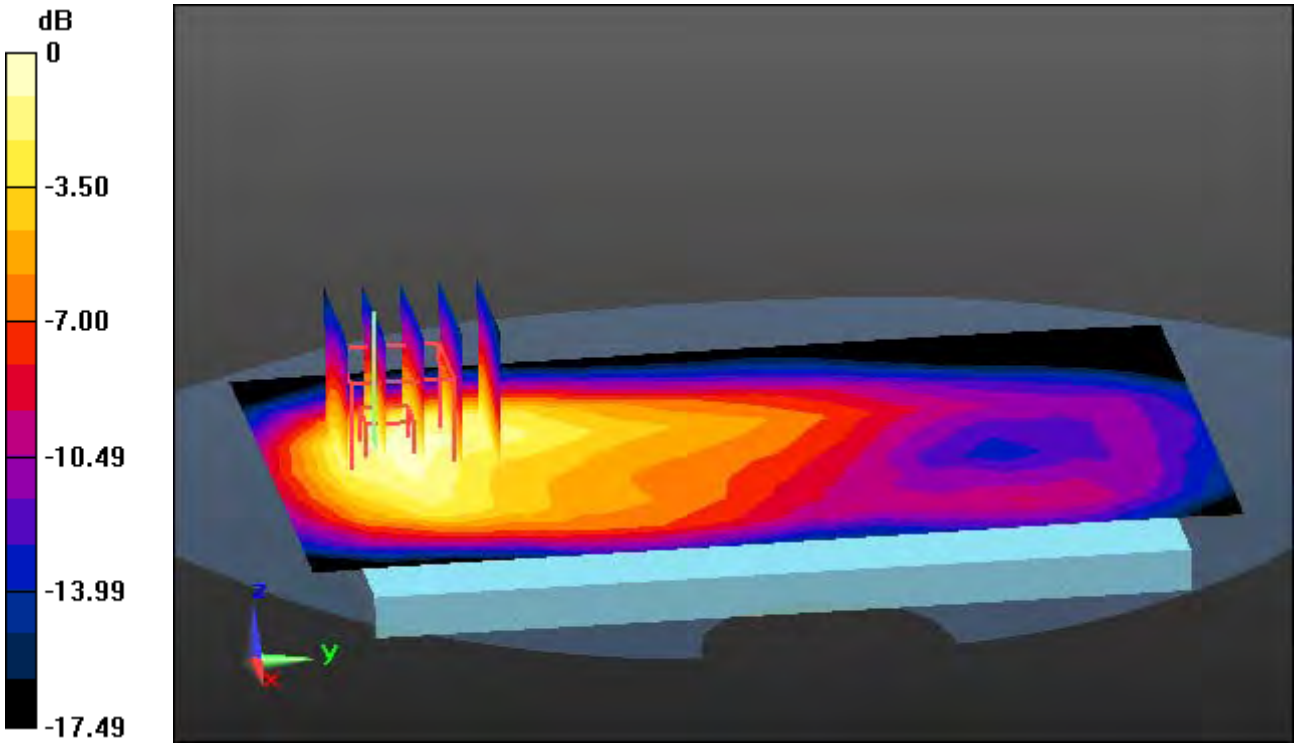
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.2

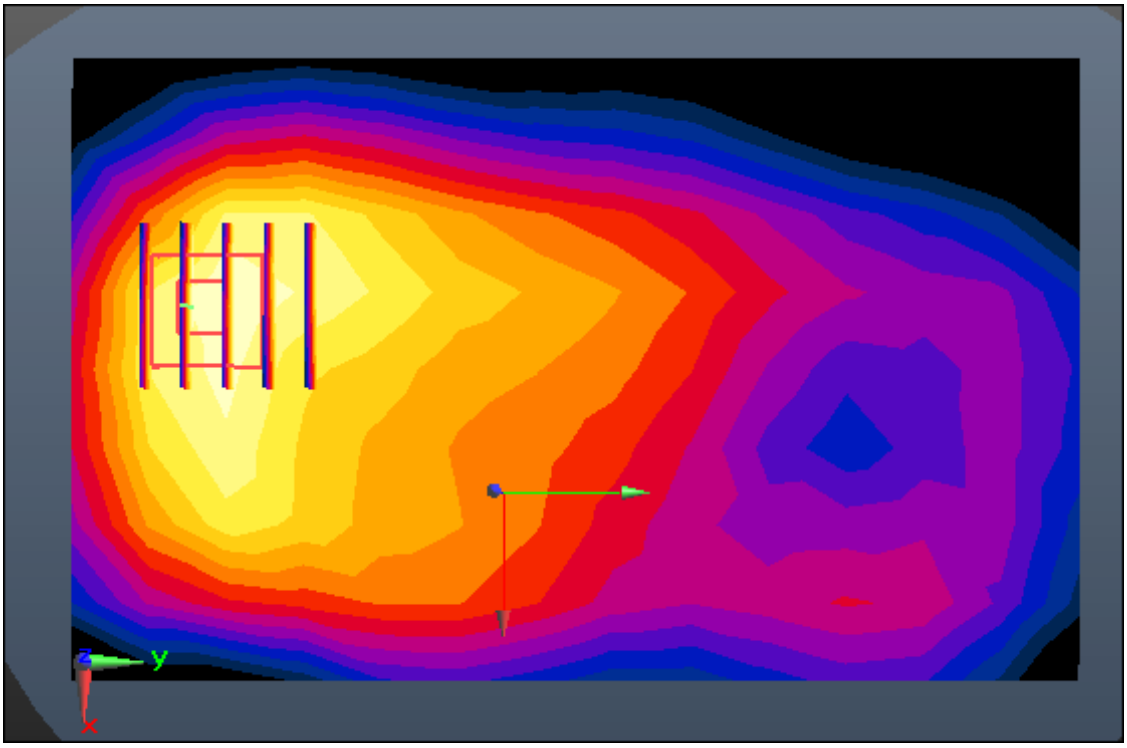
1 cm space from Body, Rear, LTE Band 2 Ch. 19100, Ant. Internal

Mode : BandWidth 20 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 = -0.00 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.375 W/kg



0 dB = 0.750 W/kg



Enlarge Plot for A30

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.021 S/m; ε_r = 52.109; ρ = 1000 kg/m^3
Phantom section: Flat Section

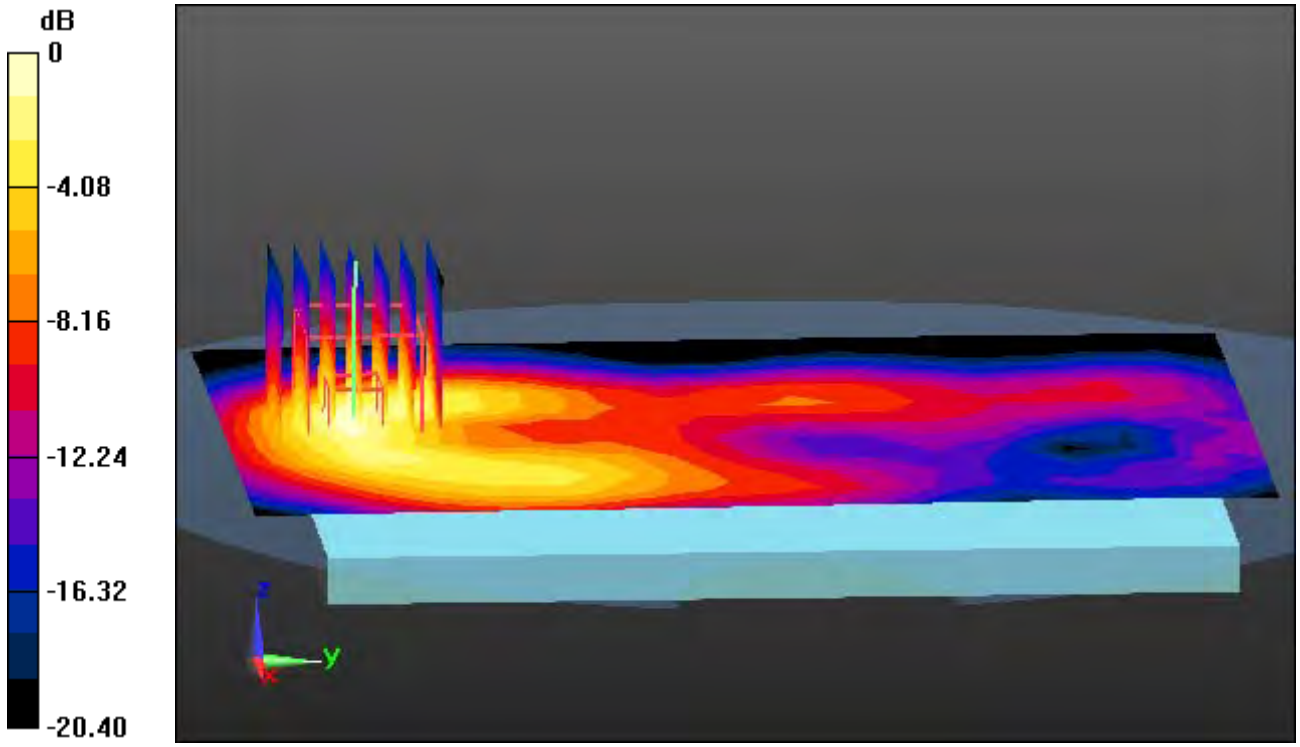
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-18; Ambient Temp: 22.1; Tissue Temp: 21.9

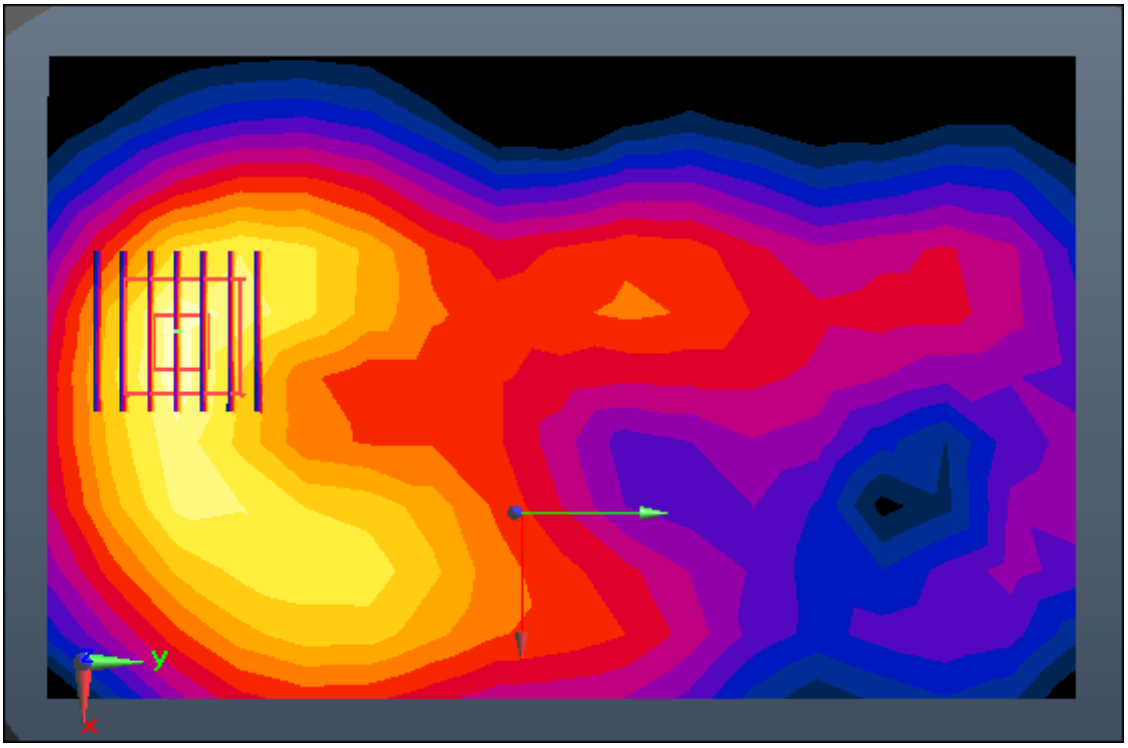
1 cm space from Body, Rear, LTE Band 7 Ch. 21100, Ant. Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 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 = -0.08 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.321 W/kg



0 dB = 0.837 W/kg



Enlarge Plot for A31

DUT: LG-Q730BAW; Type: Bar

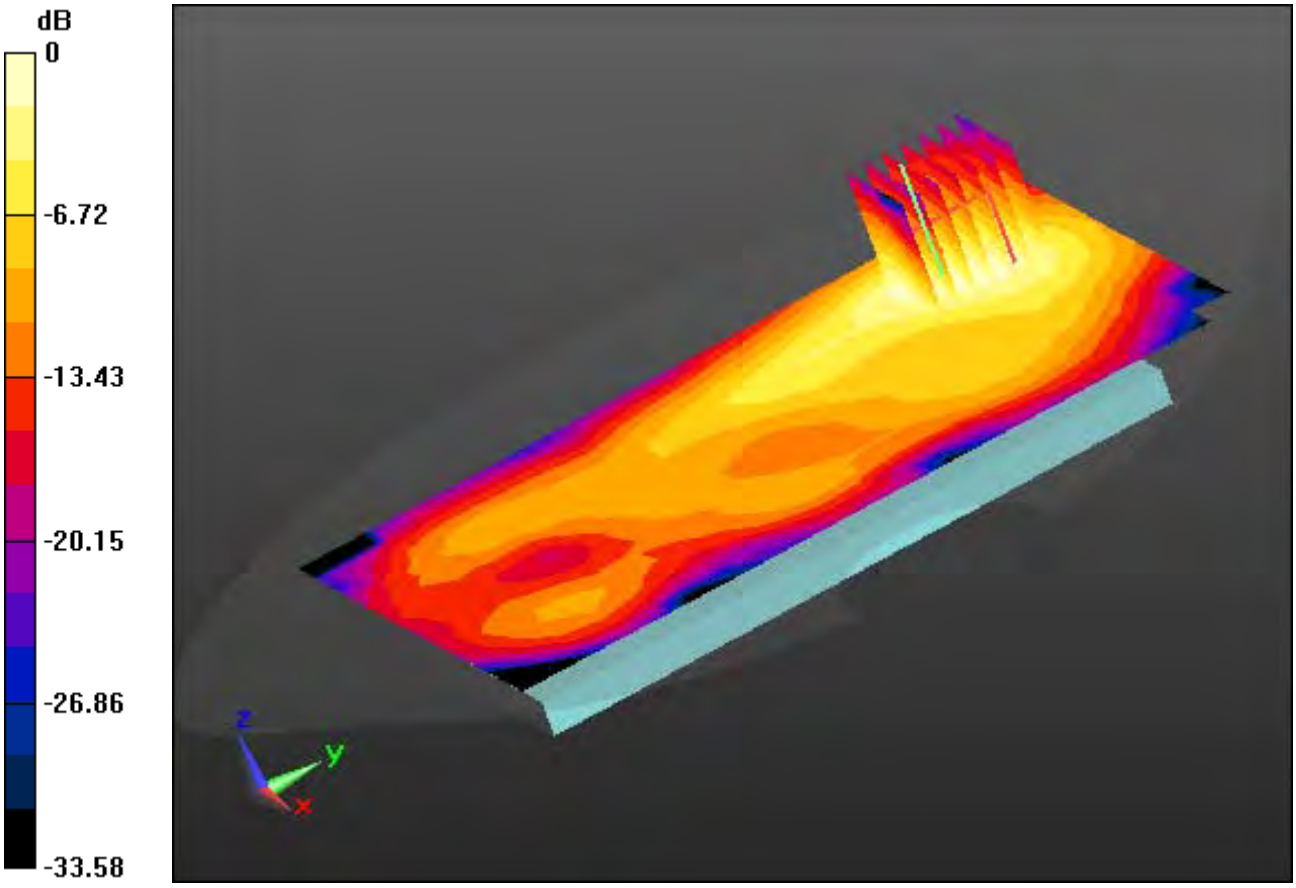
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.956 S/m; ε_r = 51.559; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.88, 7.88, 7.88) @ 2437 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

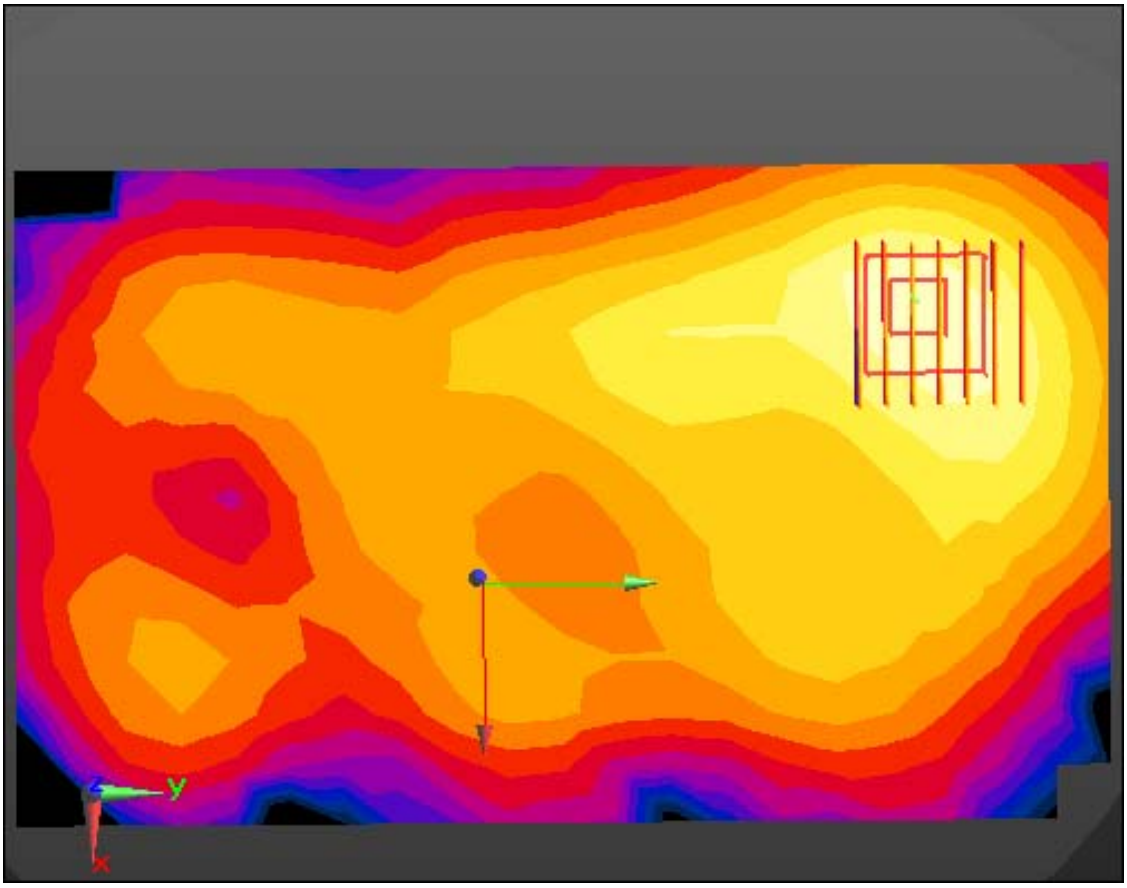
Test Date: 2020-05-28; Ambient Temp: 21.4; Tissue Temp: 21.3

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal

Area Scan (13x21x1): 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) = 0.305 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.229 W/kg



Enlarged Plot for A32

DT&C Co., Ltd.

DUT: LG-Q730BAW; Type: Bar

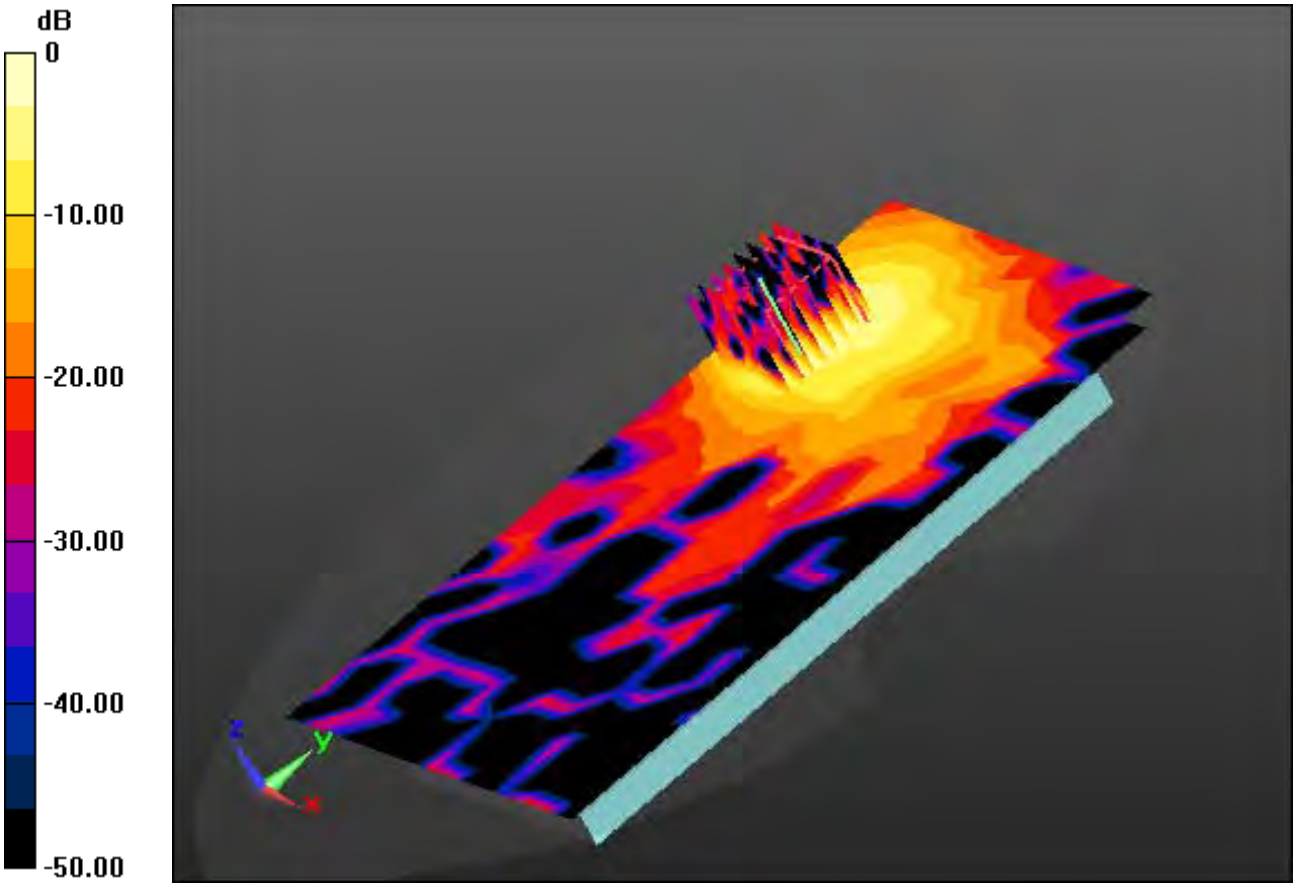
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; σ = 5.326 S/m; ε_r = 47.201; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.5, 4.5, 4.5) @ 5310 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

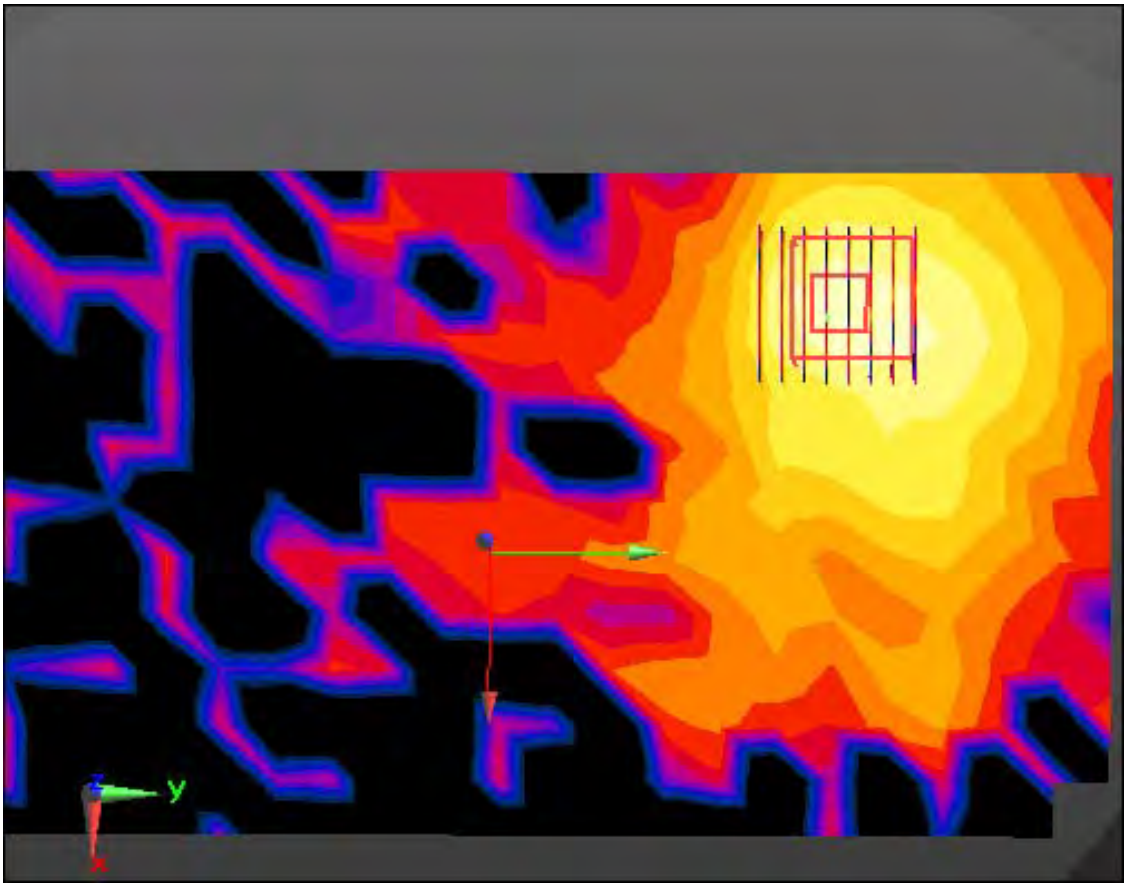
Test Date: 2020-06-08; Ambient Temp: 21.6; Tissue Temp: 21.7

1 cm space from Body, Rear, W-LAN(802.11n HT40) Ch. 62, Ant Internal

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) = 0.689 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.063 W/kg



0 dB = 0.435 W/kg



Enlarged Plot for A33

DUT: LG-Q730BAW; Type: Bar

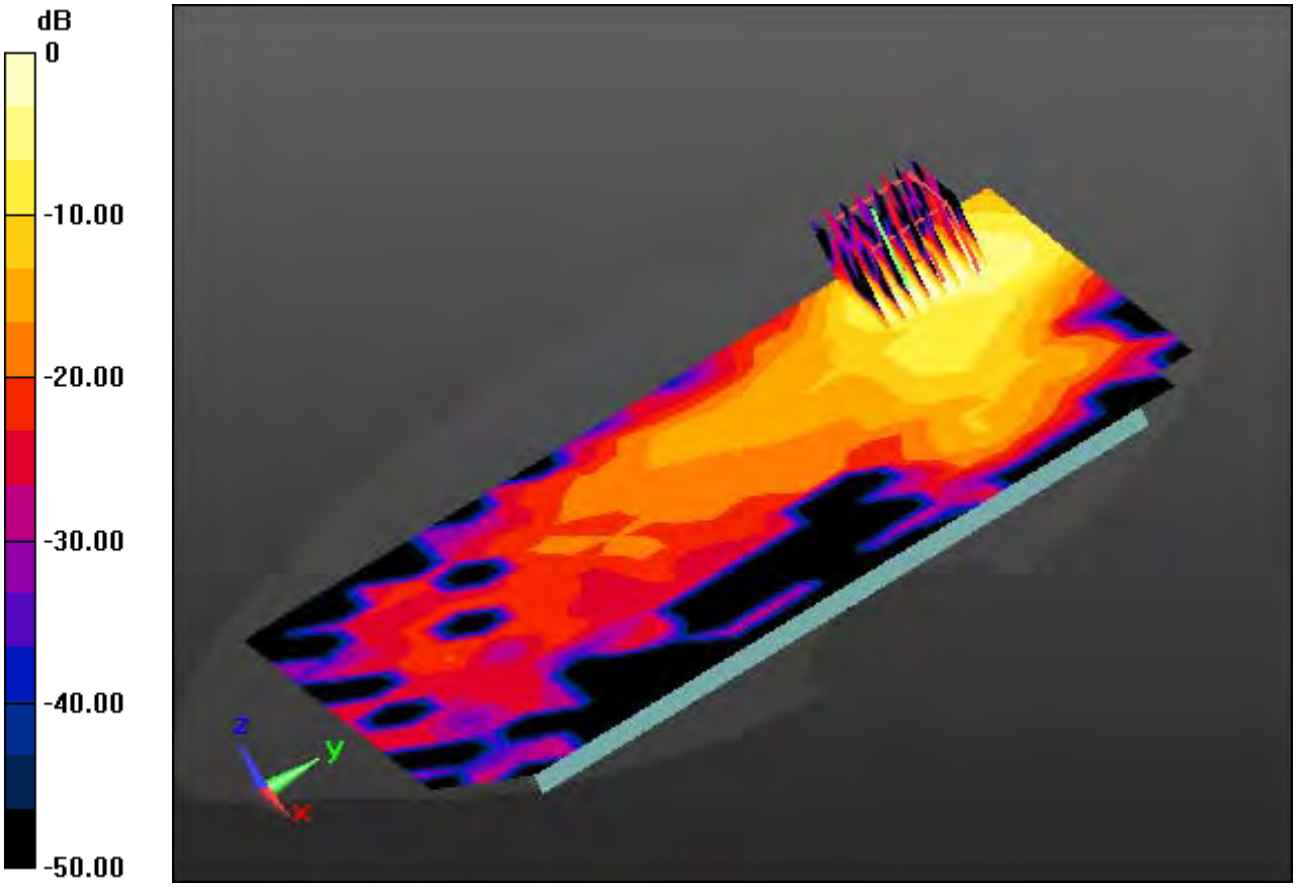
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5550 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5550 MHz; σ = 5.785 S/m; ε_r = 47.606; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.3, 4.3, 4.3) @ 5550 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

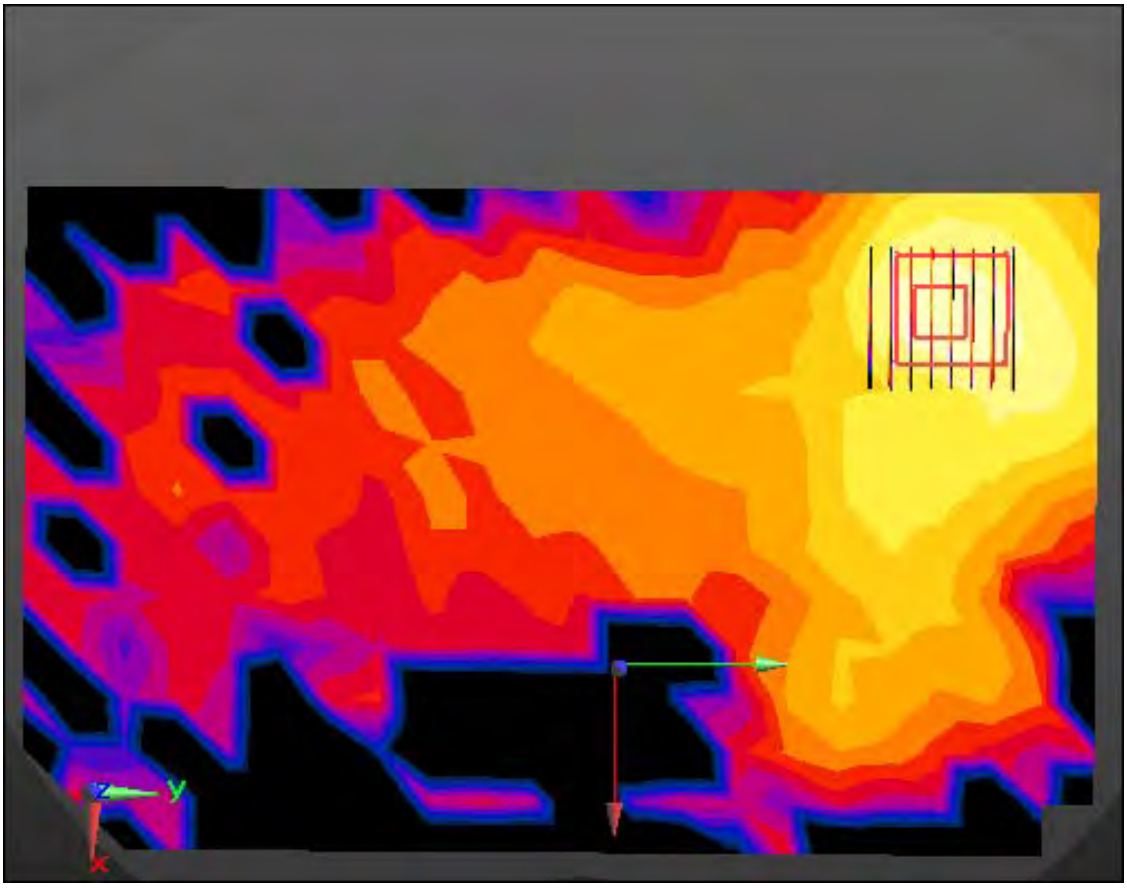
Test Date: 2020-06-05; Ambient Temp: 21.3, Tissue Temp: 21.1

1 cm space from Body, Rear, W-LAN(802.11n HT40) Ch. 110, Ant Internal

Area Scan (14x22x1): 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) = 1.36 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.124 W/kg



0 dB = 0.841 W/kg



Enlarged Plot for A34

DUT: LG-Q730BAW; Type: Bar

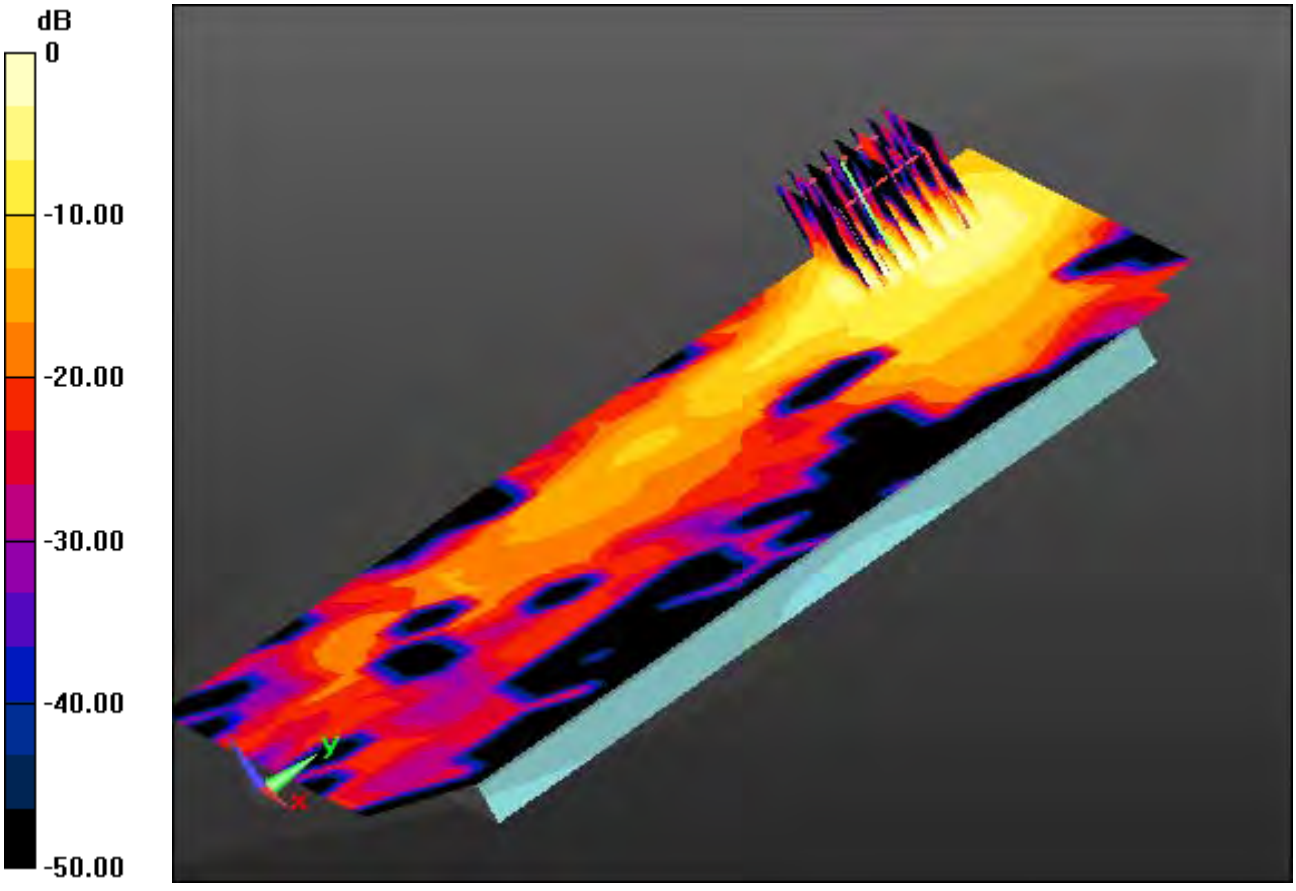
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5755 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5755 MHz; σ = 6.044 S/m; ε_r = 47.248; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.1, 4.1, 4.1) @ 5755 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

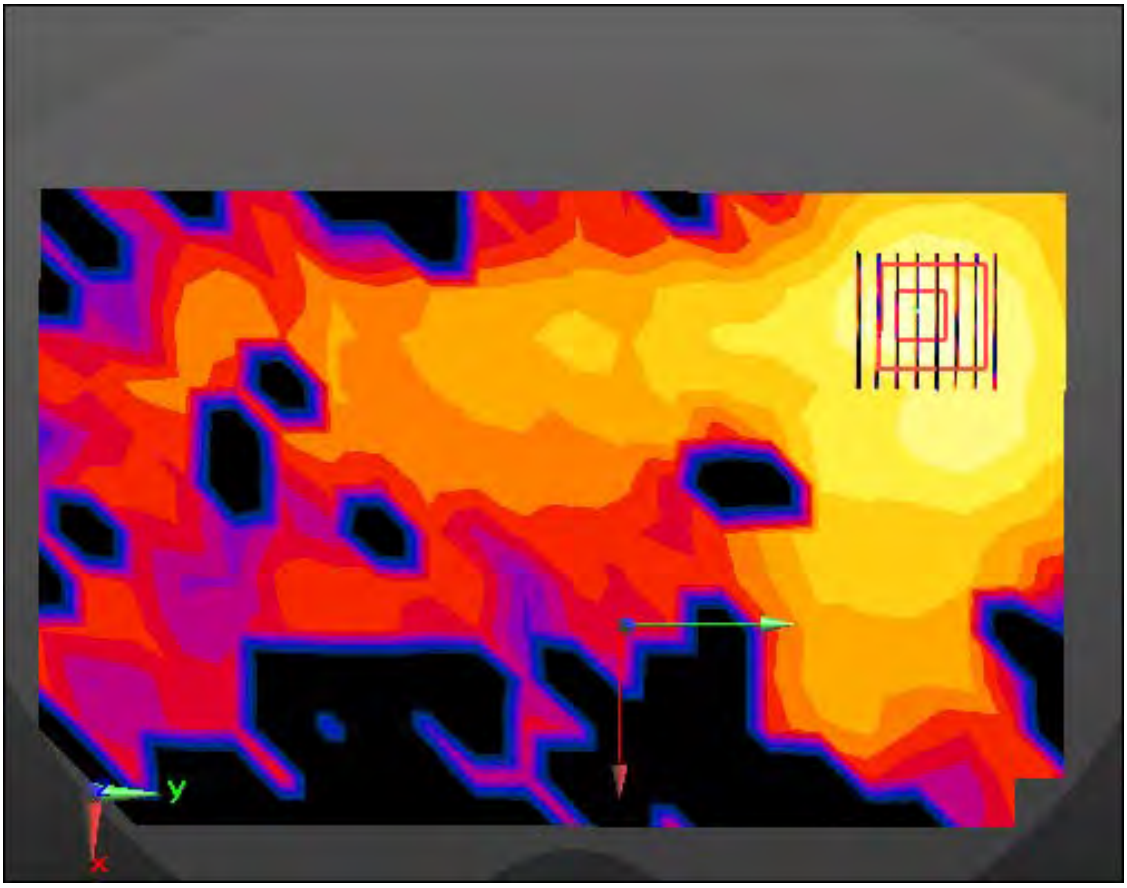
Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.1

1 cm space from Body, Rear, W-LAN(802.11n HT40) Ch. 151, Ant Internal

Area Scan (14x22x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.967 W/kg
SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.563 W/kg



Enlarged Plot for A35

DUT: LG-Q730BAW; Type: Bar

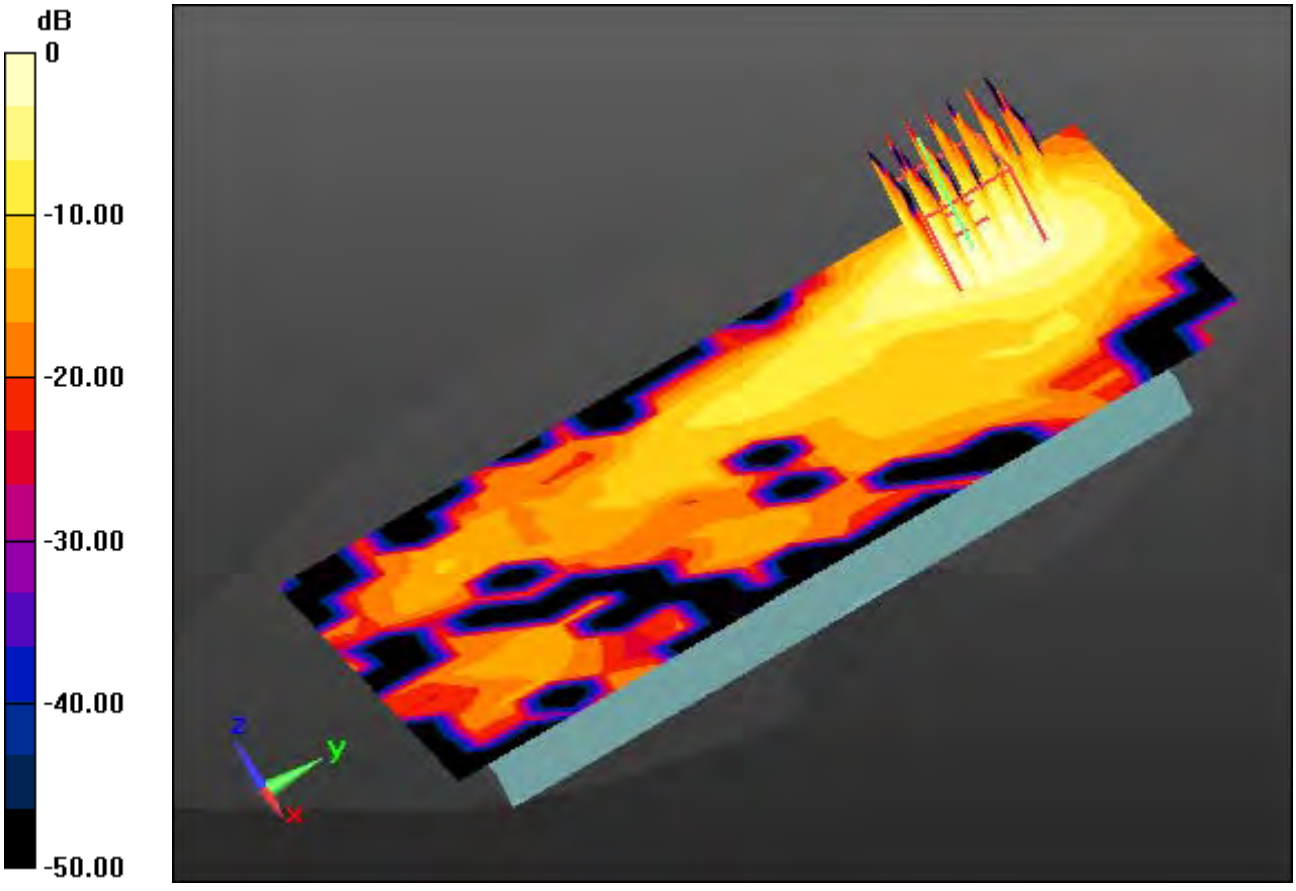
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.961 S/m; ε_r = 51.547; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.88, 7.88, 7.88) @ 2441 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

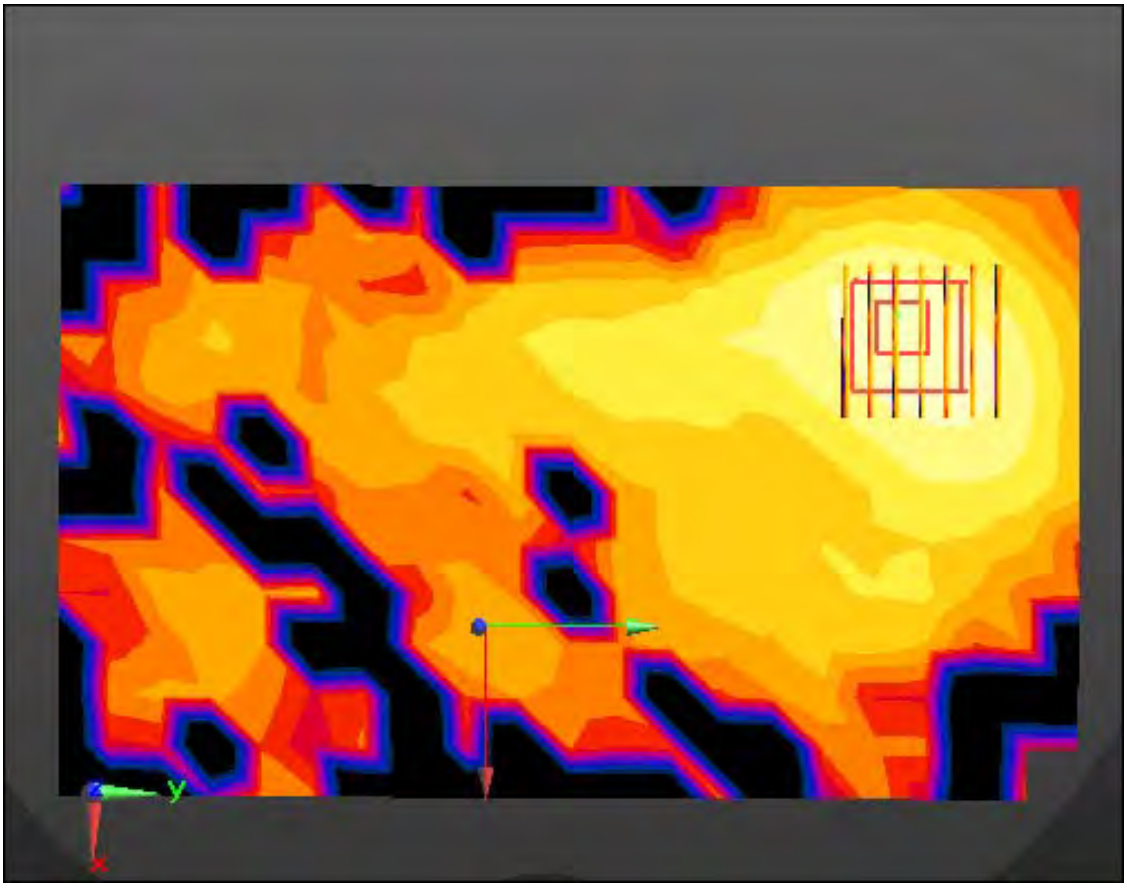
Test Date: 2020-05-28; Ambient Temp: 21.4; Tissue Temp: 21.3

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

Area Scan (13x21x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.013 W/kg



0 dB = 0.0406 W/kg



Enlarged Plot for A36

DUT: LG-Q730BAW; Type: Bar

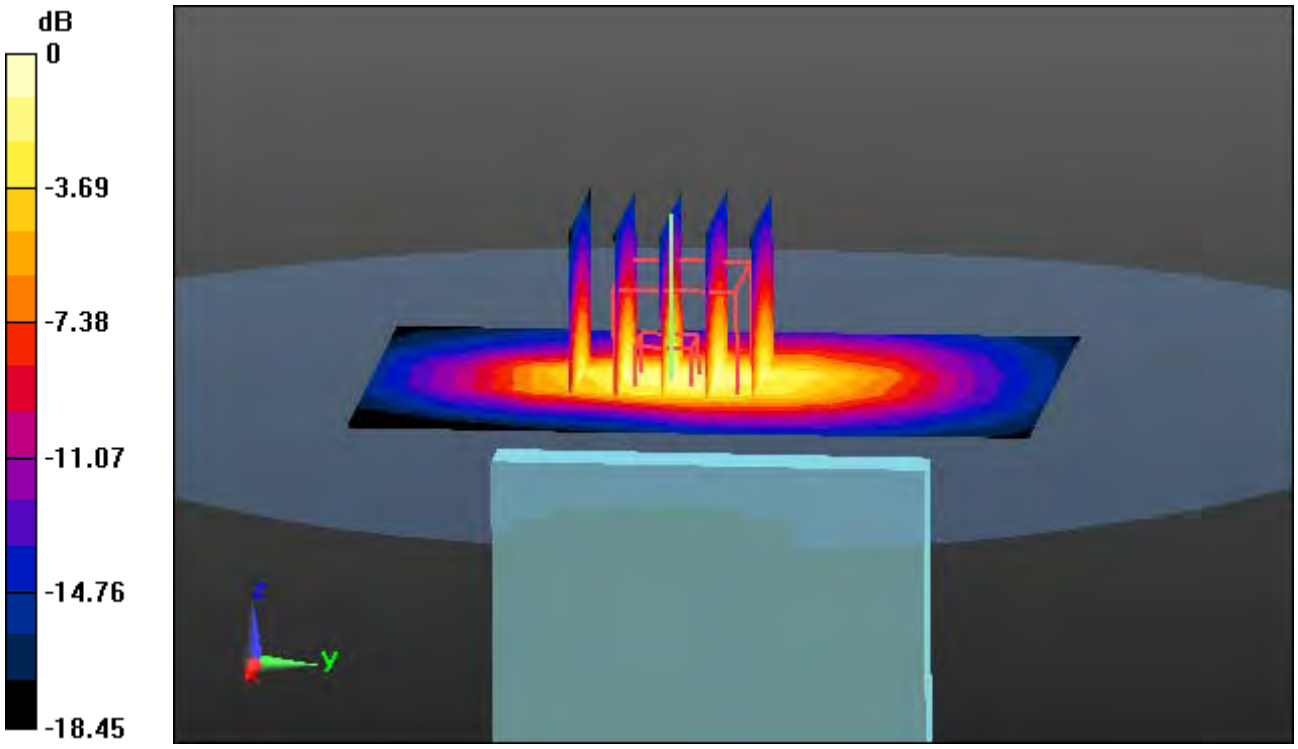
Communication System: UID 0, PCS1900_3Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.512 S/m; ε_r = 51.697; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

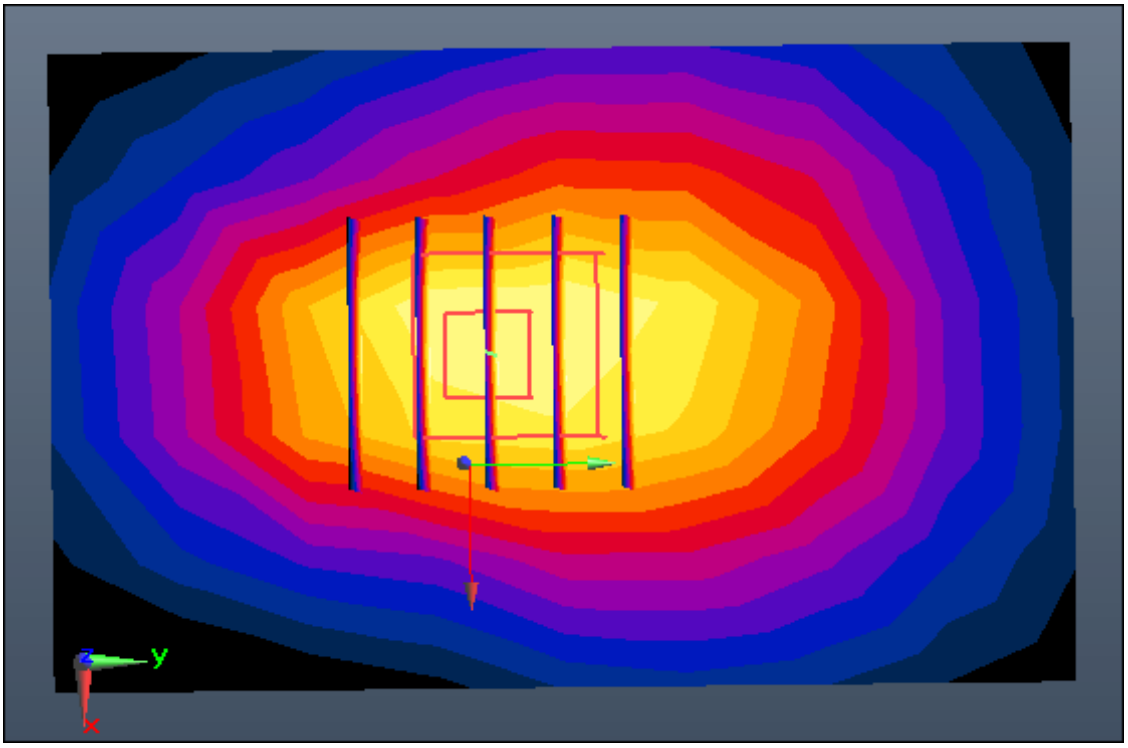
Test Date: 2020-06-05; Ambient Temp: 21.3 Tissue Temp: 21.2

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

Area Scan (6x9x1): 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) = 1.50 W/kg
SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.445 W/kg



0 dB = 1.04 W/kg



Enlarge Plot for A37

DUT: LG-Q730BAW; Type: Bar

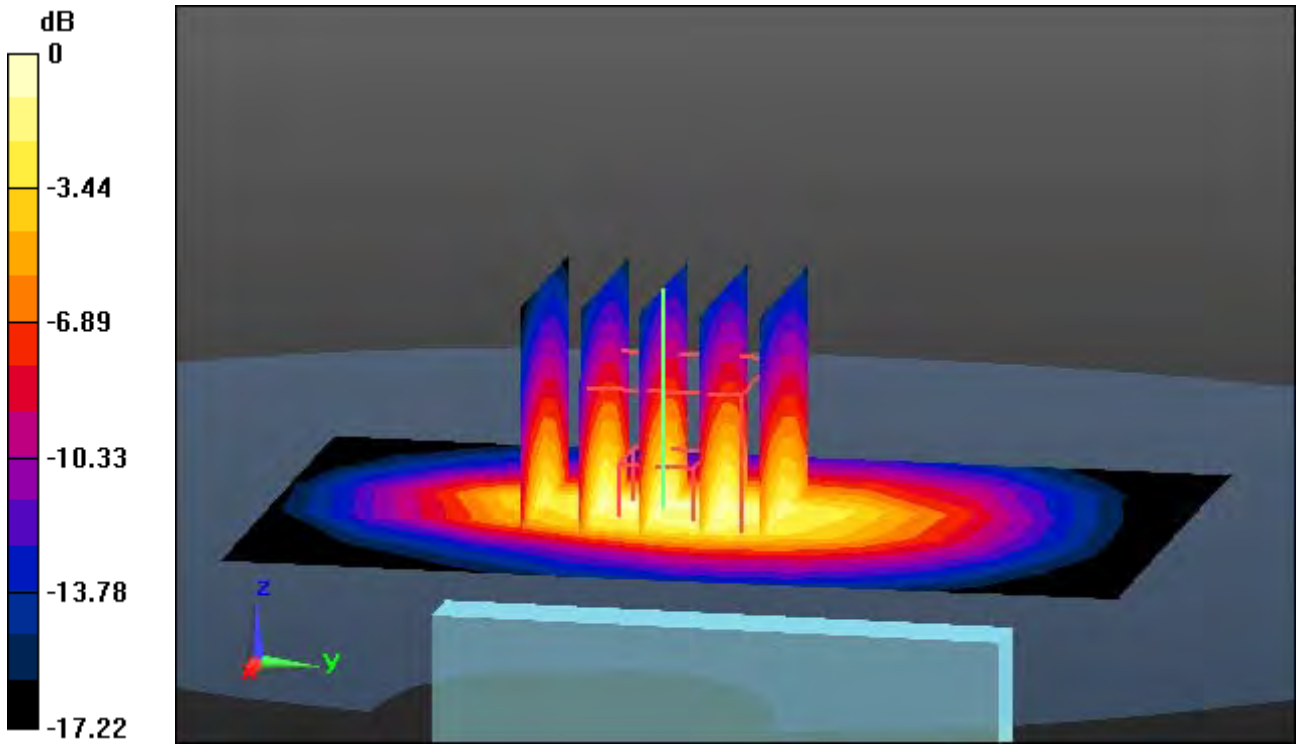
Communication System: UID 0, WCDMA 1700 (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1752.6 MHz; σ = 1.492 S/m; ε_r = 51.62; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

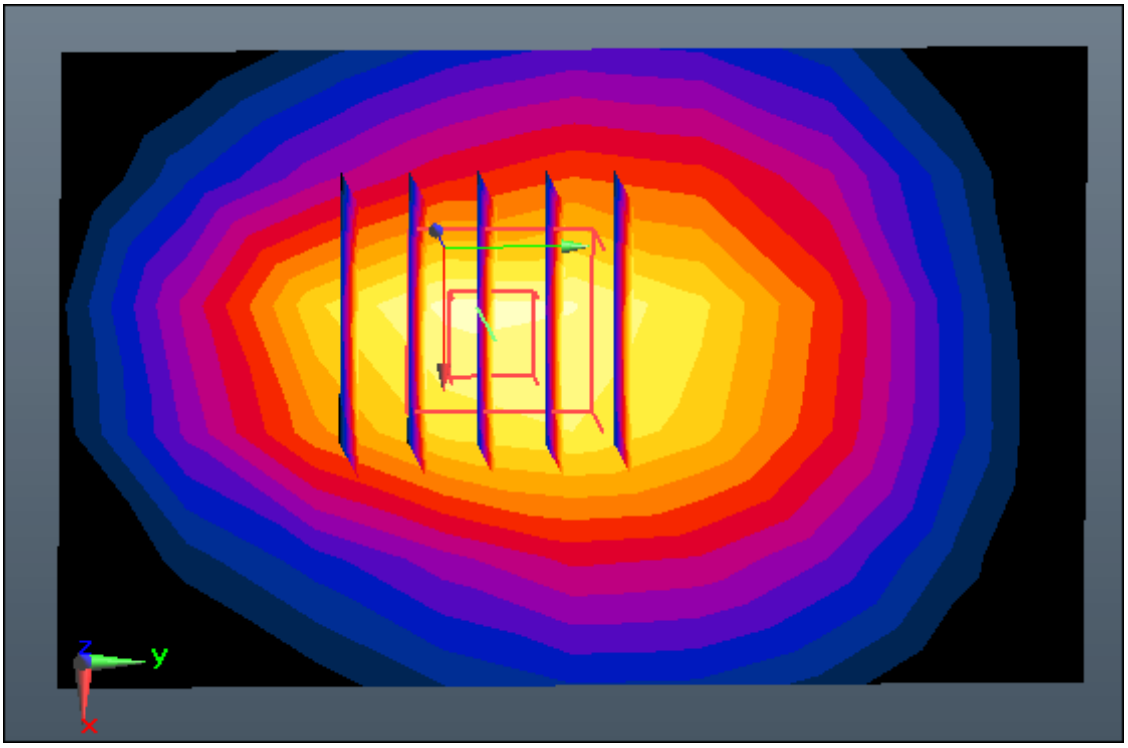
Test Date: 2020-06-09; Ambient Temp: 21.7; Tissue Temp: 21.9

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

Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.552 W/kg



0 dB = 1.26 W/kg



Enlarge Plot for A38

DUT: LG-Q730BAW; Type: Bar

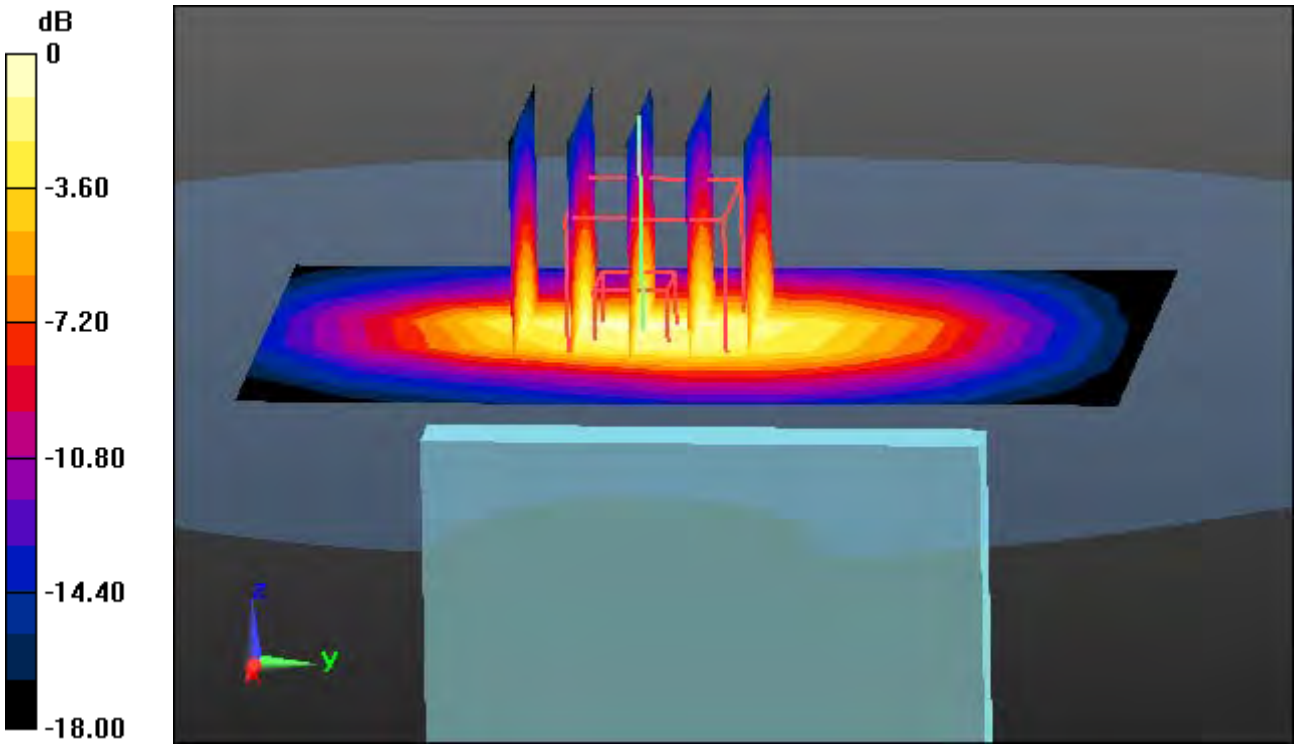
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.536 S/m; ε_r = 51.639; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

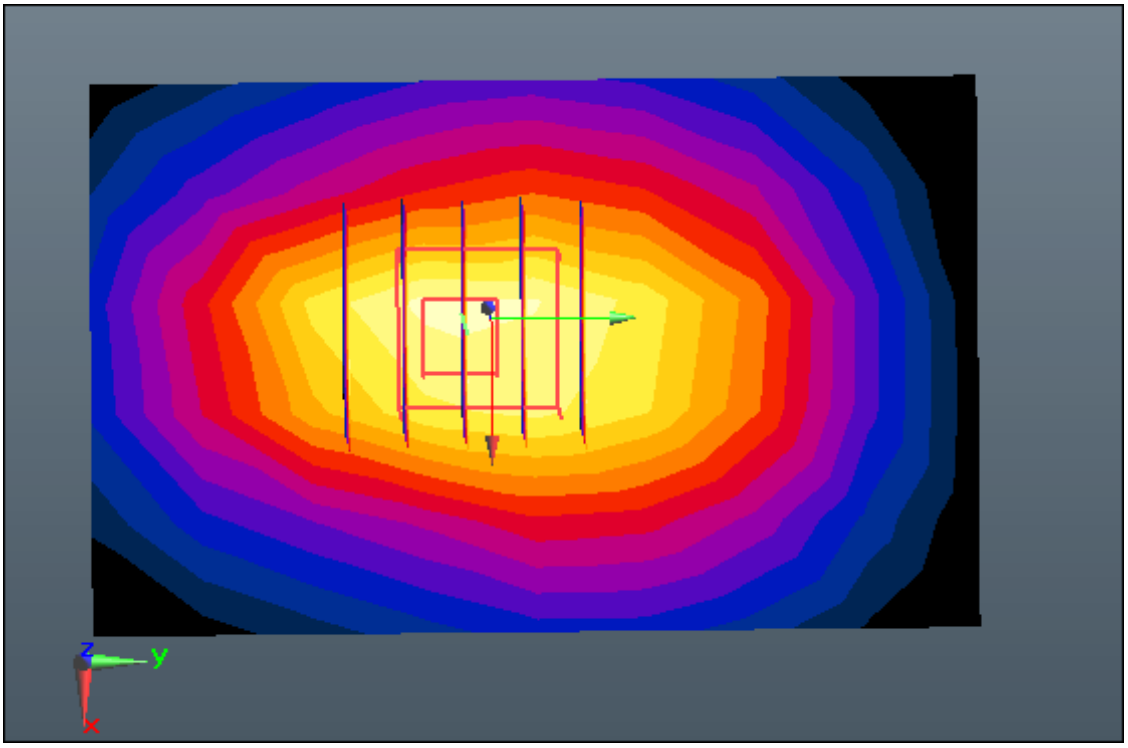
Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Bottom, WCDMA Band 2 Ch. 9538, Ant. Internal

Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.502 W/kg



0 dB = 1.20 W/kg



Enlarge Plot for A39

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 66 (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1770 MHz; σ = 1.508 S/m; ε_r = 51.574; ρ = 1000 kg/m^3
Phantom section: Flat Section

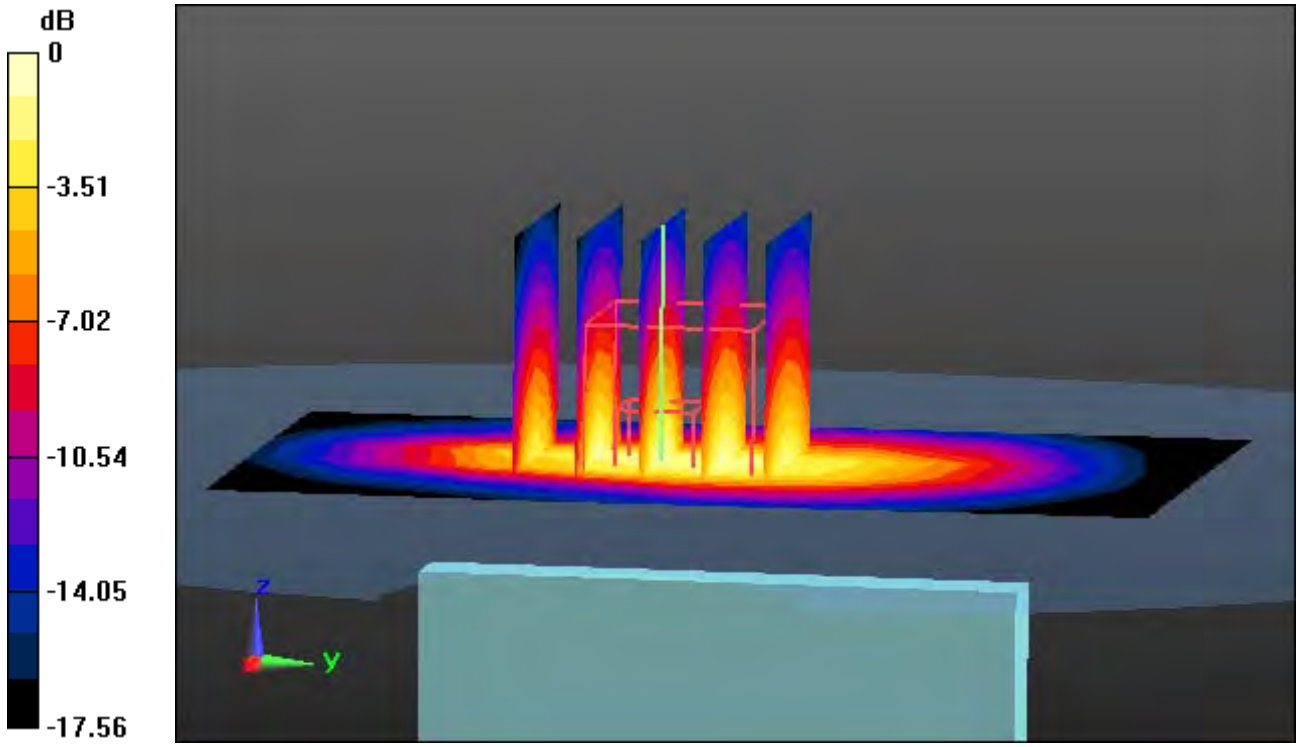
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-09; Ambient Temp: 21.7; Tissue Temp: 21.9

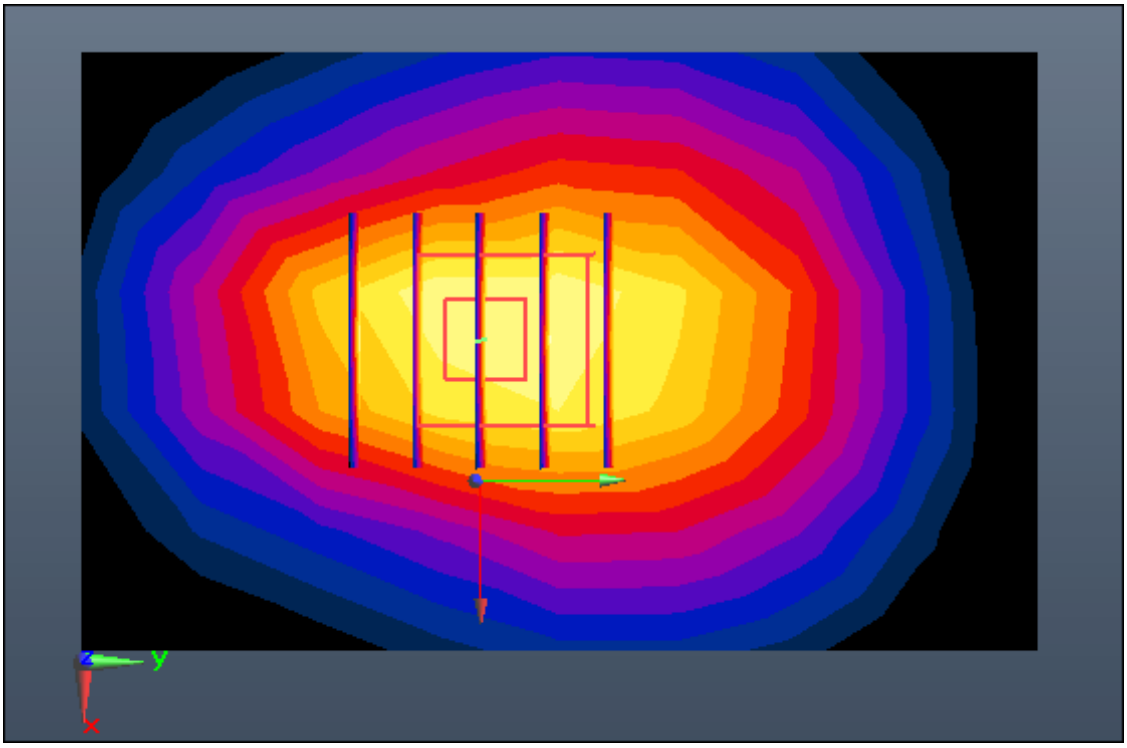
1 cm space from Body, Bottom, LTE Band 66 Ch. 132572, Ant. Internal

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

Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.517 W/kg



0 dB = 1.25 W/kg



Enlarge Plot for A40

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.529 S/m; ε_r = 51.654; ρ = 1000 kg/m^3
Phantom section: Flat Section

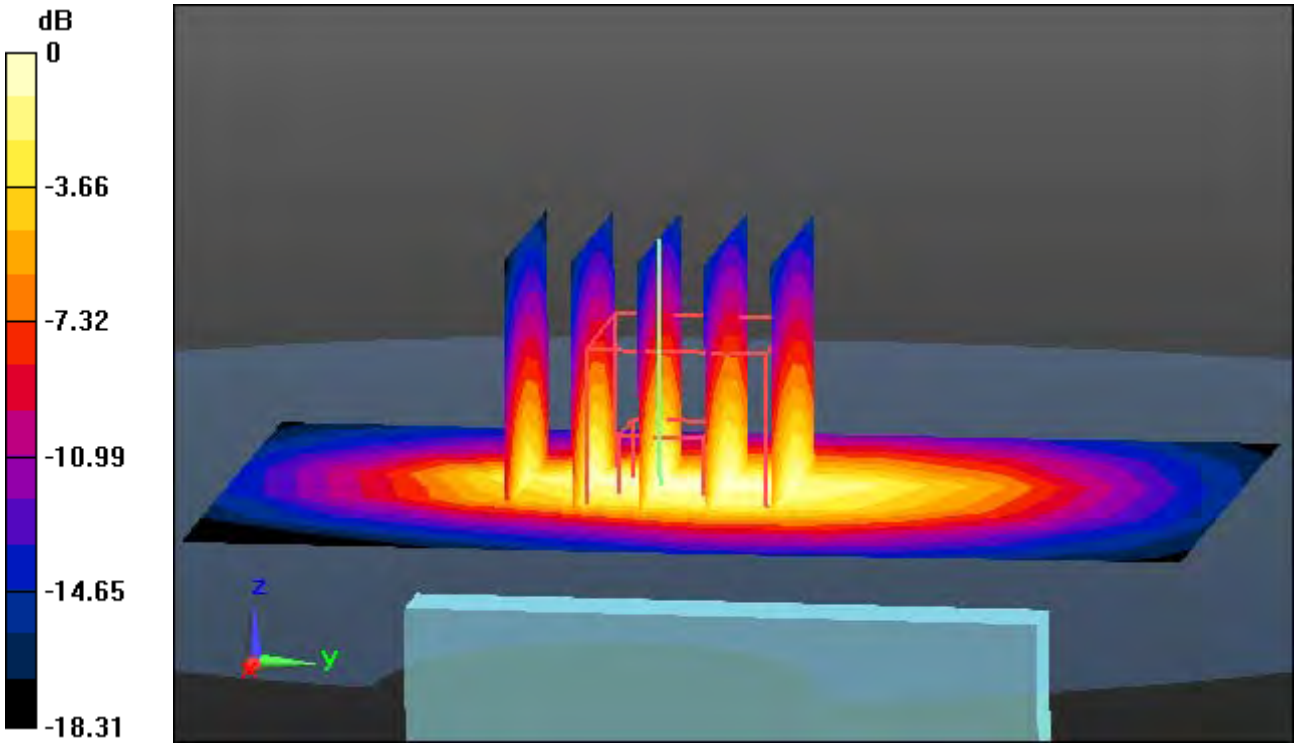
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.2

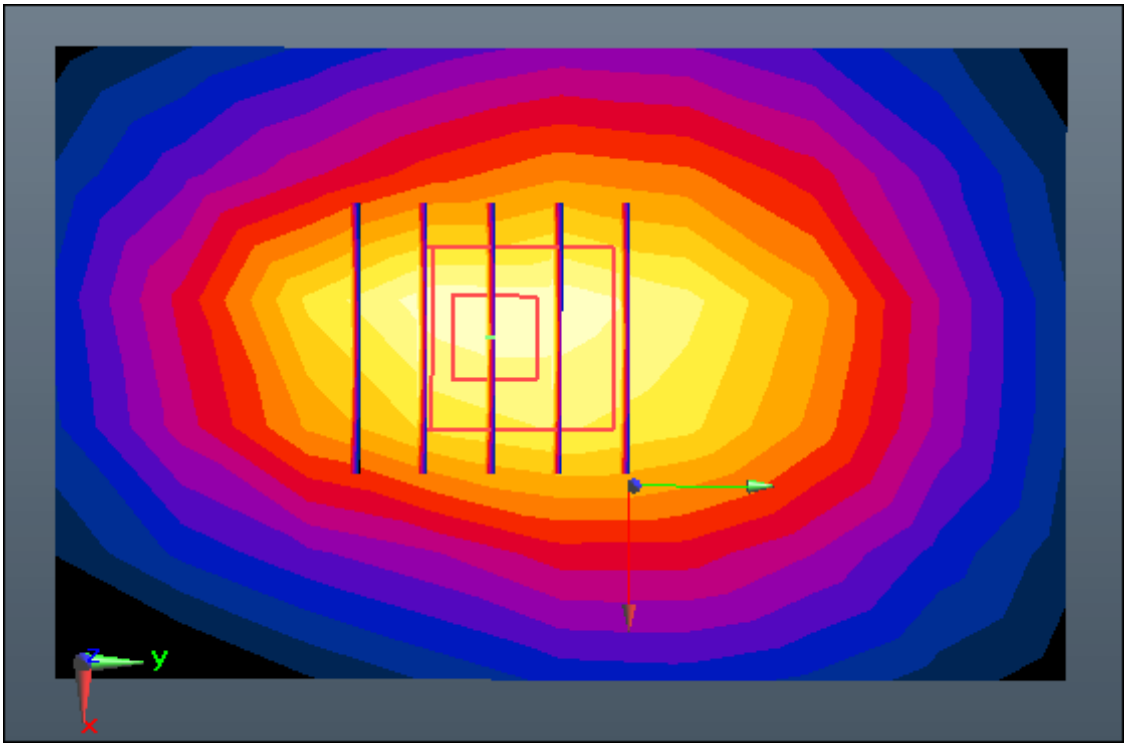
1 cm space from Body, Bottom, LTE Band 2 Ch. 19100, Ant. Internal

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

Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.484 W/kg



0 dB = 1.05 W/kg



Enlarge Plot for A41

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.021 S/m; ε_r = 52.109; ρ = 1000 kg/m^3
Phantom section: Flat Section

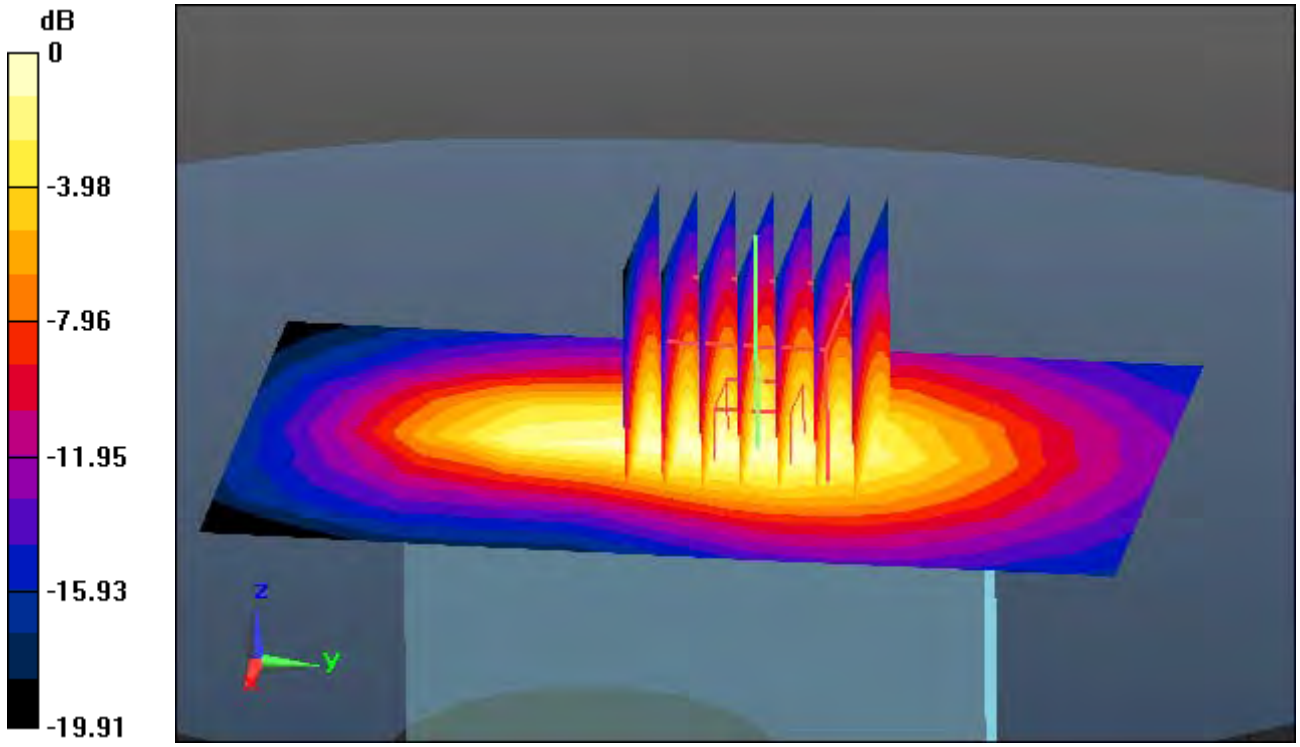
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-18; Ambient Temp: 22.1; Tissue Temp: 21.9

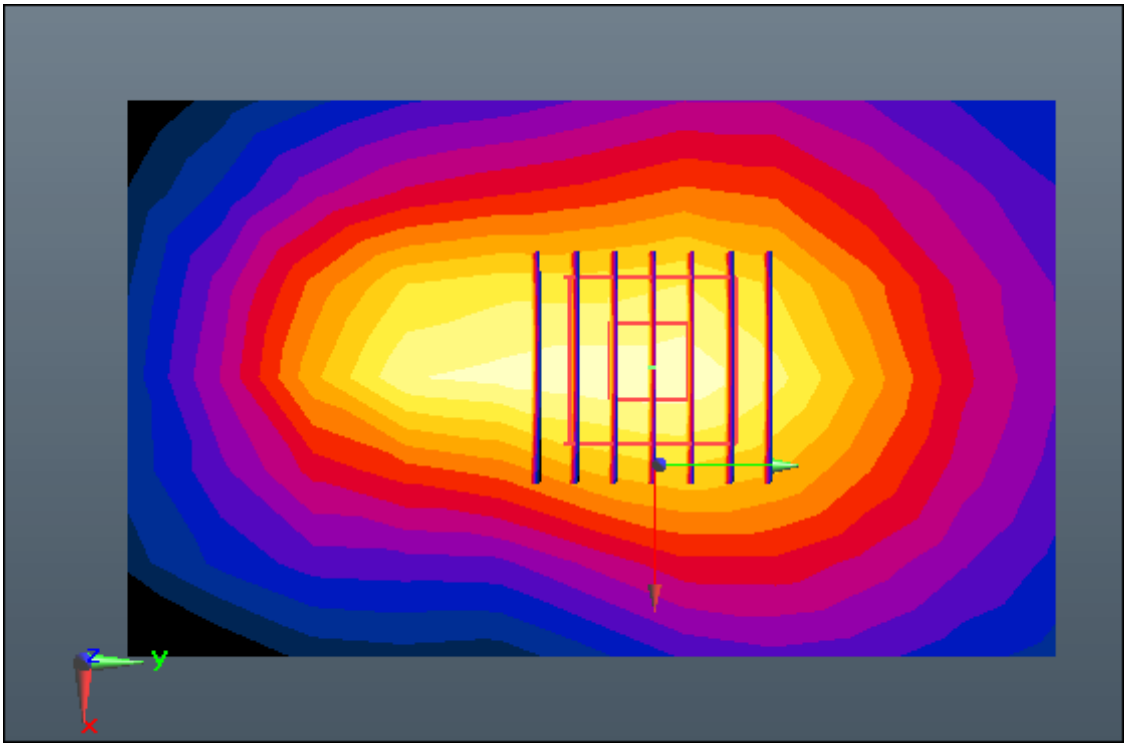
1 cm space from Body, Bottom, LTE Band 7 Ch. 21100, Ant. Internal

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

Area Scan (7x11x1): 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) = 1.05 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.285 W/kg



0 dB = 0.702 W/kg



Enlarge Plot for A42

DUT: LG-Q730BAW; Type: Bar

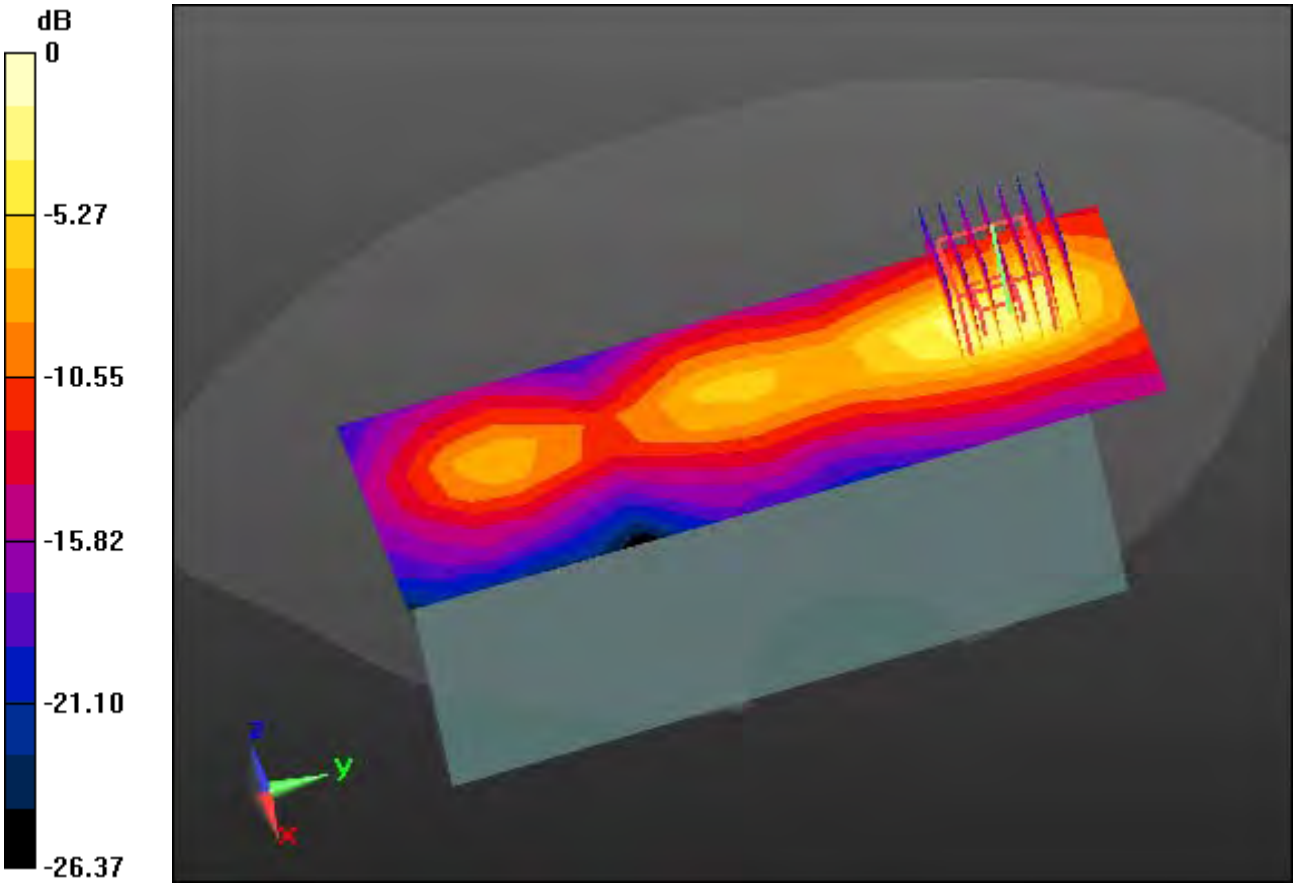
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.956 S/m; ε_r = 51.559; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.88, 7.88, 7.88) @ 2437 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

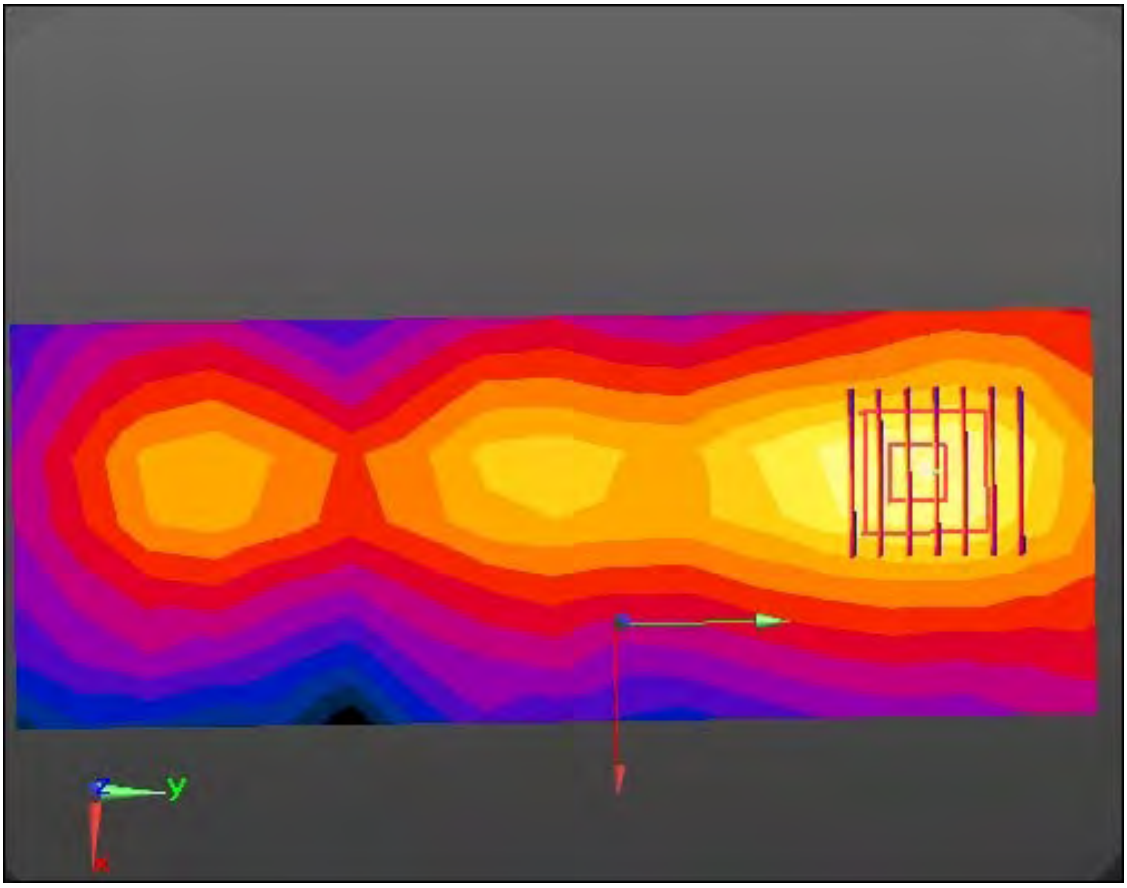
Test Date: 2020-05-28; Ambient Temp: 21.4; Tissue Temp: 21.3

1 cm space from Body, Right, W-LAN(802.11b) Ch. 6, Ant Internal

Area Scan (7x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.127 W/kg



0 dB = 0.422 W/kg



Enlarged Plot for A43

DUT: LG-Q730BAW; Type: Bar

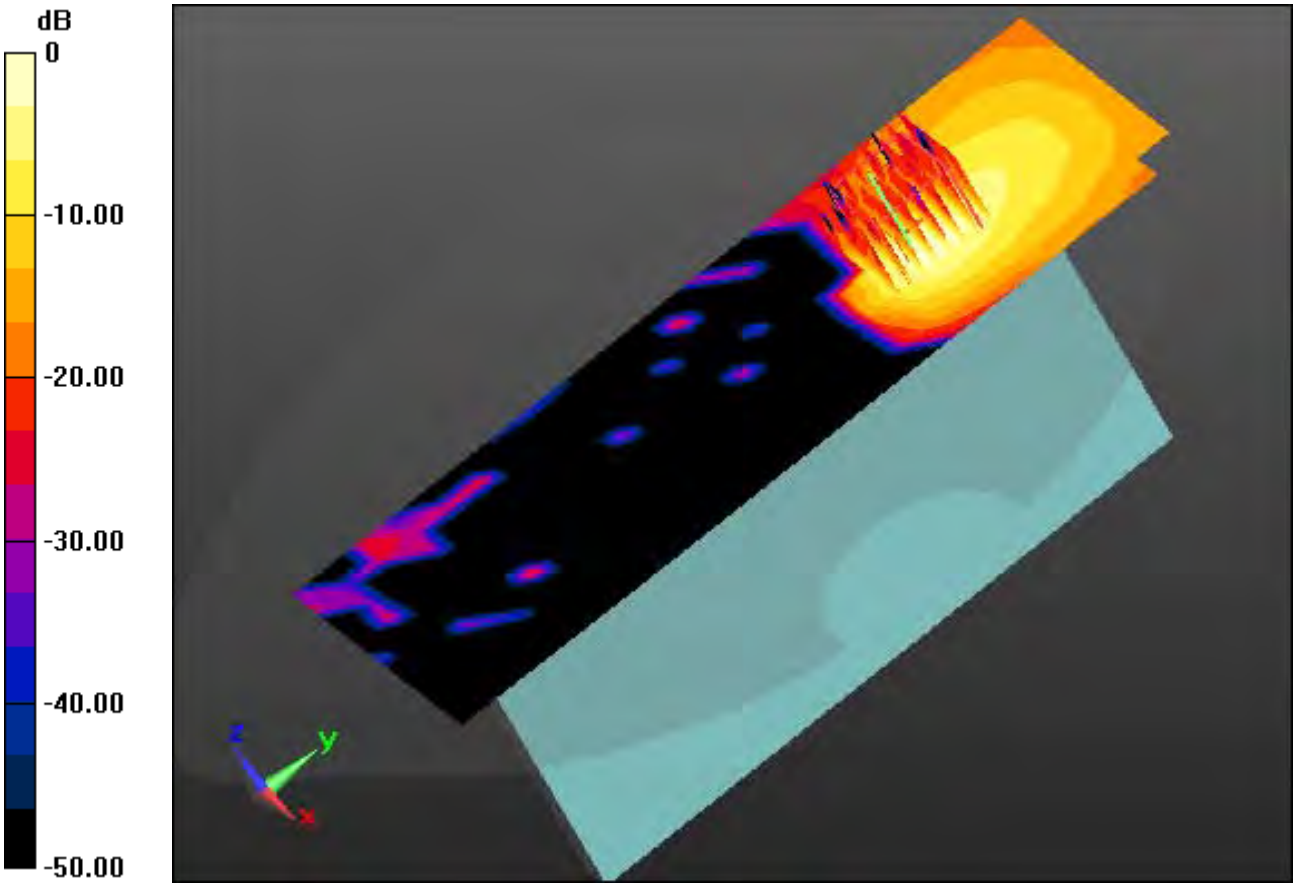
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5230 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; σ = 5.225 S/m; ε_r = 47.339; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.65, 4.65, 4.65) @ 5230 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

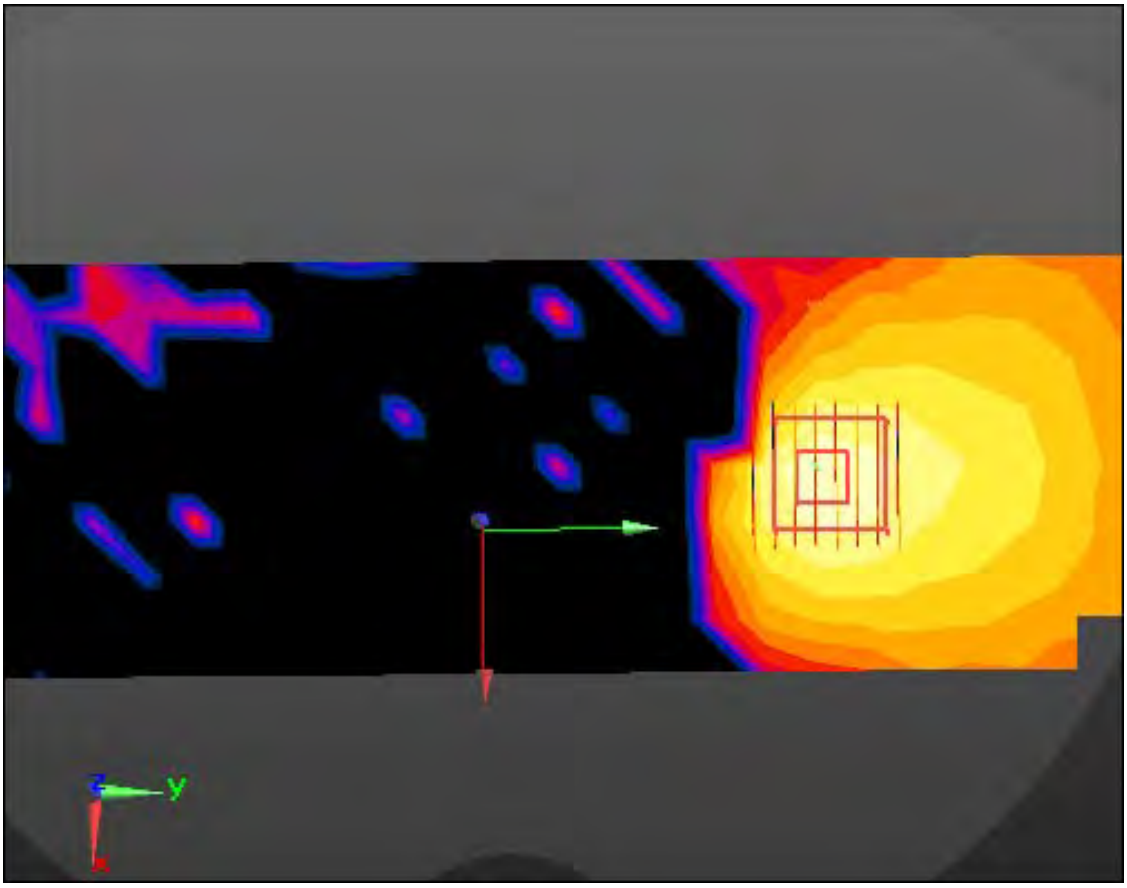
Test Date: 2020-06-08; Ambient Temp: 21.6; Tissue Temp: 21.7

1 cm space from Body, Right, W-LAN(802.11n HT40) Ch. 46, Ant Internal

Area Scan (9x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.076 W/kg



0 dB = 0.507 W/kg



Enlarged Plot for A44

DUT: LG-Q730BAW; Type: Bar

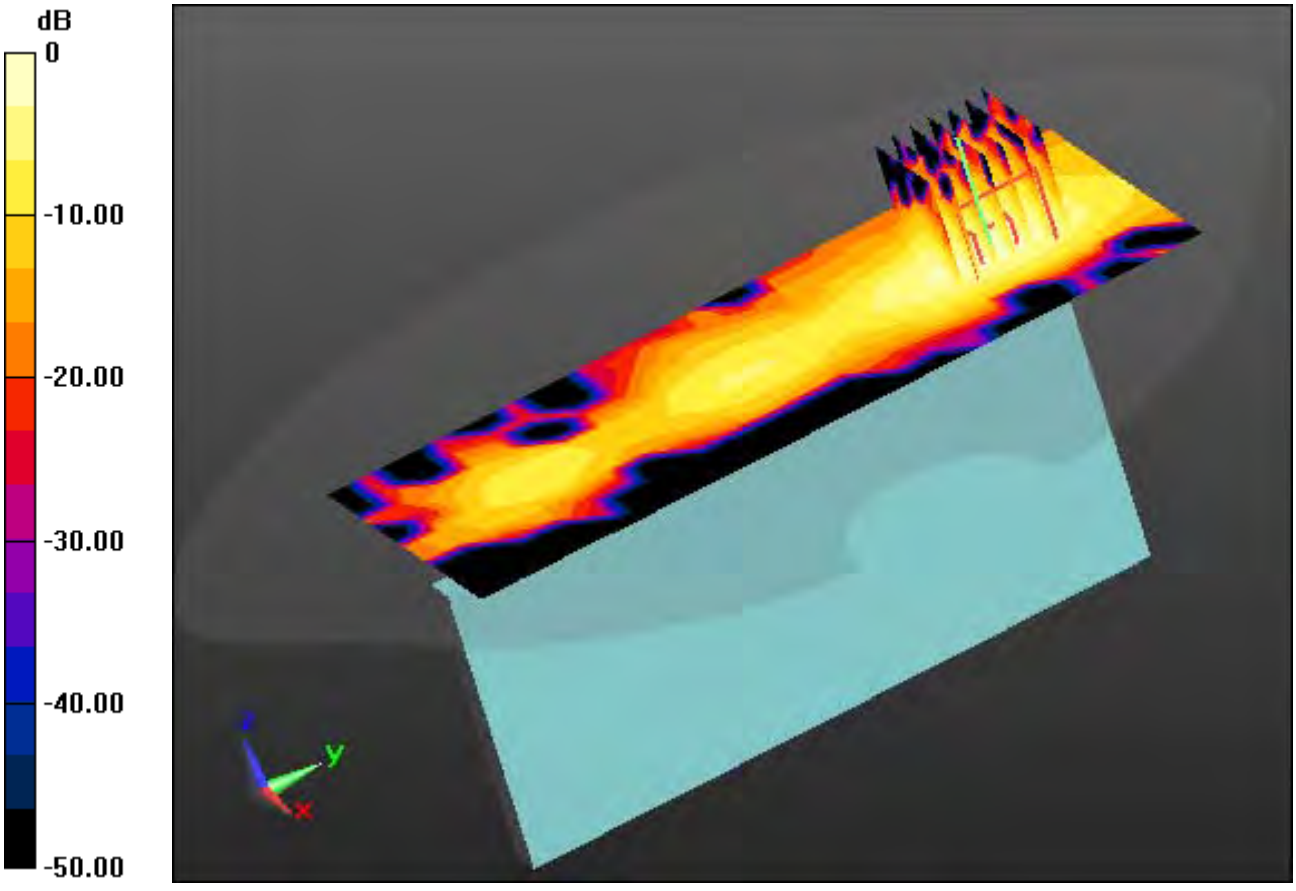
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.961 S/m; ε_r = 51.547; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.88, 7.88, 7.88) @ 2441 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

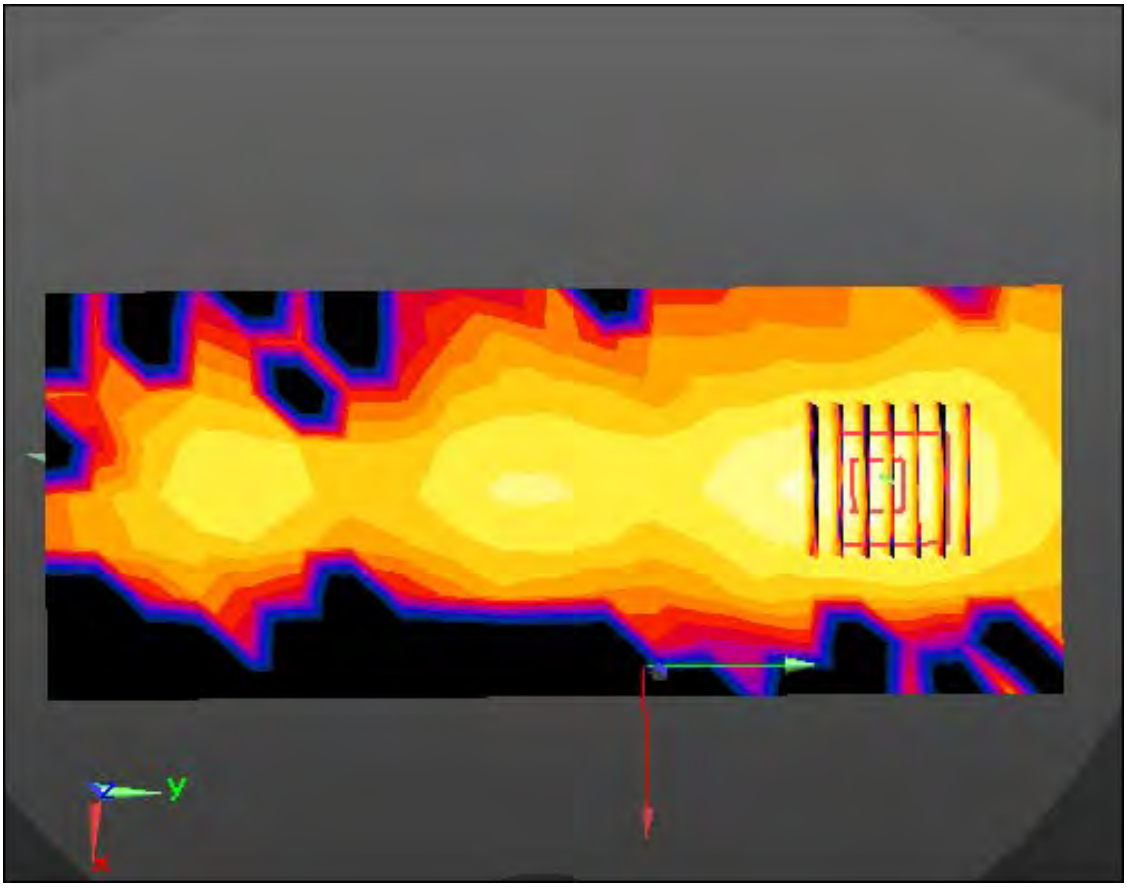
Test Date: 2020-05-28; Ambient Temp: 21.4; Tissue Temp: 21.3

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

Area Scan (9x21x1): 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) = 0.0700 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0500 W/kg



Enlarged Plot for A45

DUT: LG-Q730BAW; Type: Bar

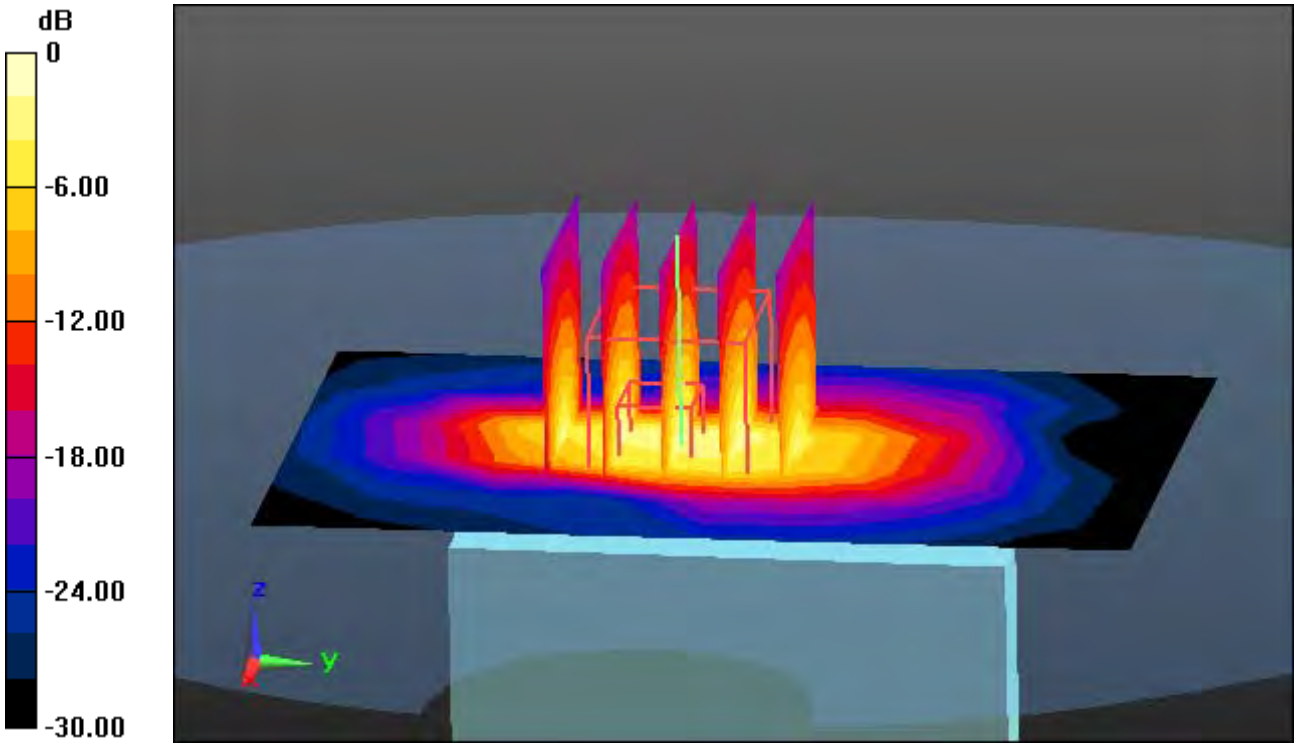
Communication System: UID 0, WCDMA 1700 (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1712.4 MHz; σ = 1.456 S/m; ε_r = 51.711; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27) @; Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

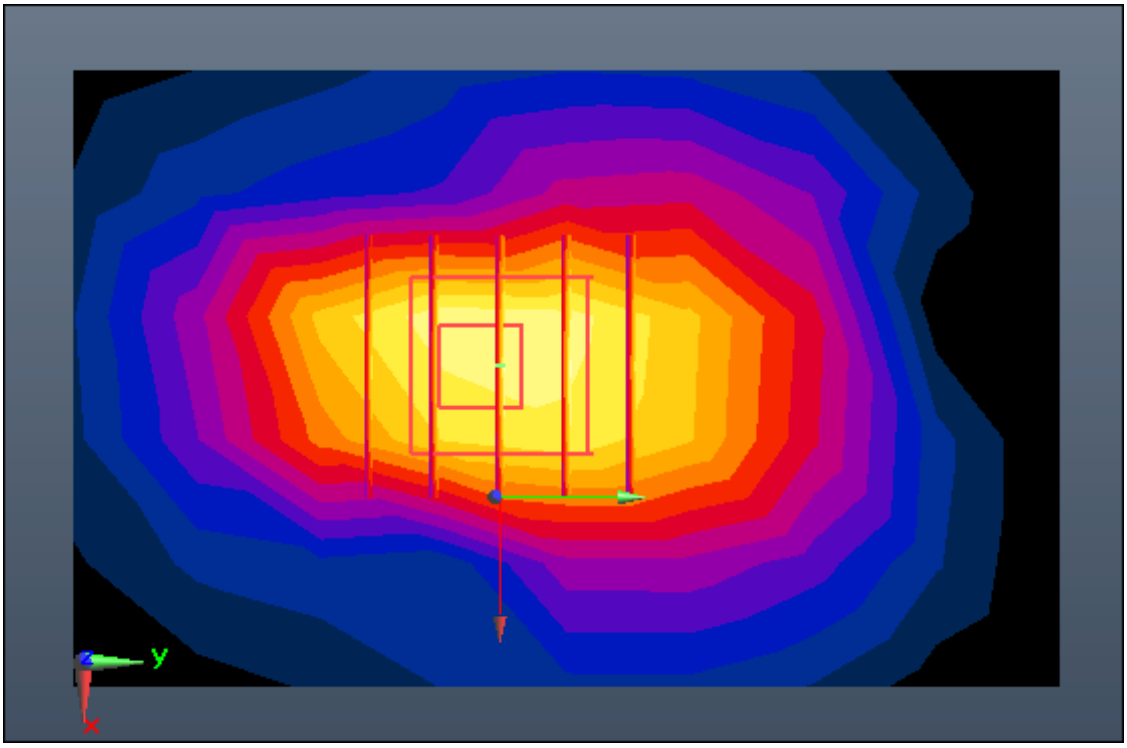
Test Date: 2020-06-09; Ambient Temp: 21.7; Tissue Temp: 21.9

Touch from Body, Bottom, WCDMA Band 4 Ch. 1312, Ant. Internal

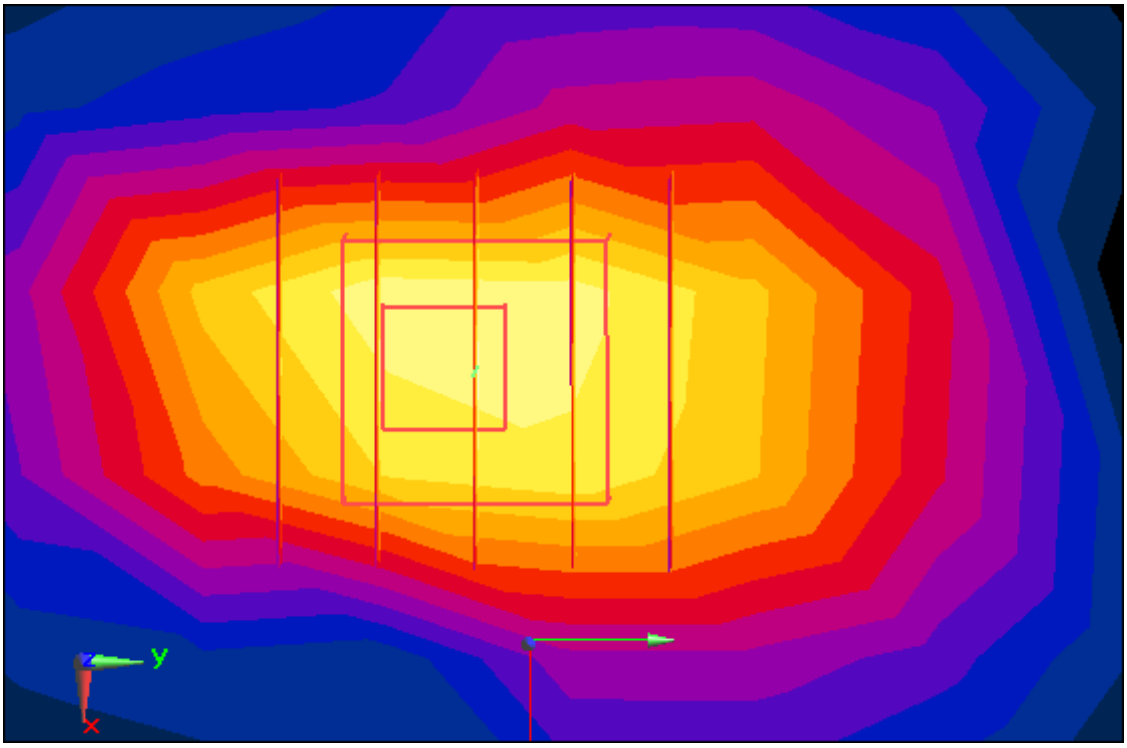
Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.19 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 6.46 W/kg; SAR(10 g) = 2.710 W/kg



0 dB = 9.16 W/kg



Enlarge Plot for A46



Enlarge Plot for A46

DUT: LG-Q730BAW; Type: Bar

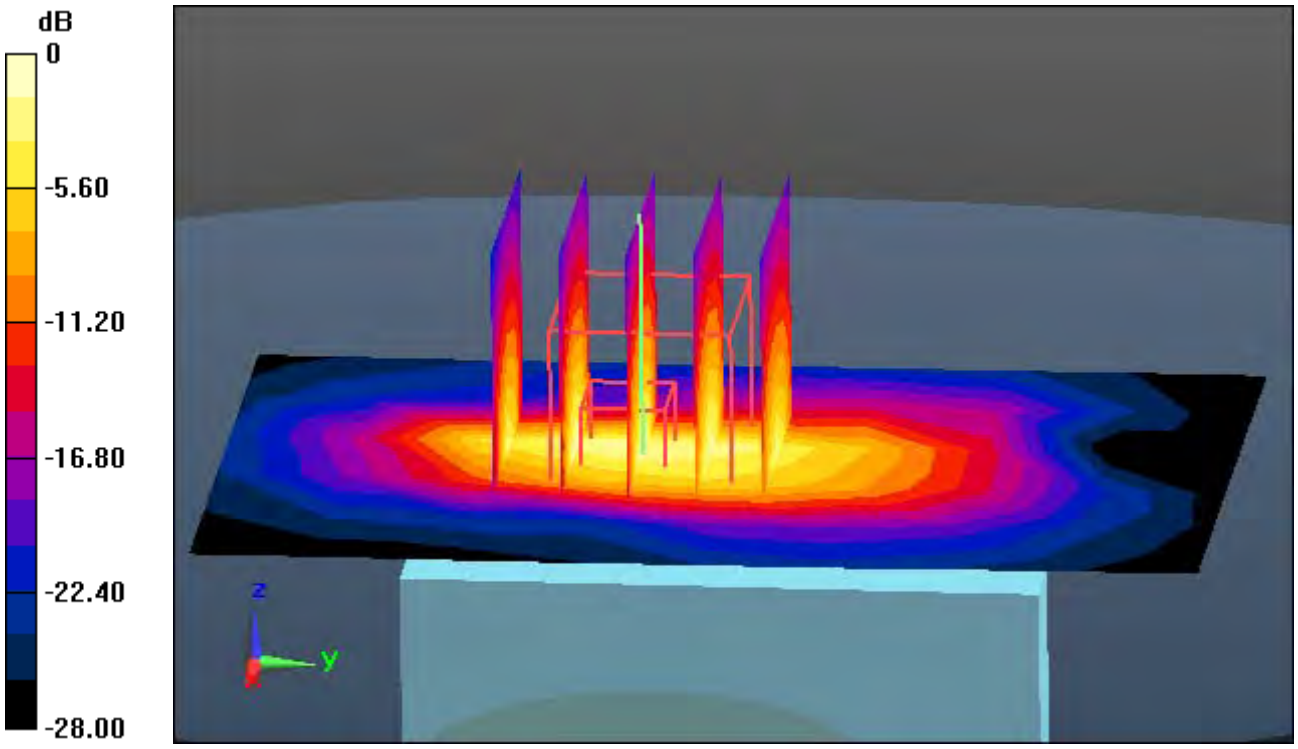
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.512 S/m; ε_r = 51.697; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

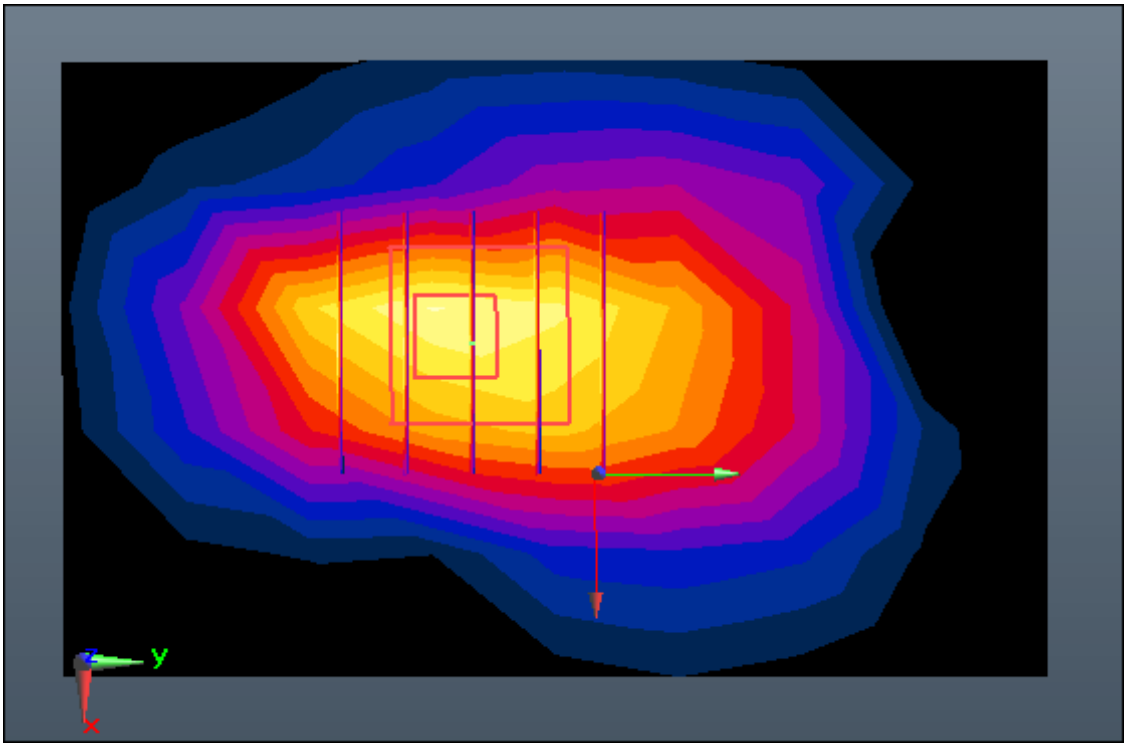
Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.2

Touch from Body, Bottom, WCDMA Band 2 Ch. 9400, Ant. Internal

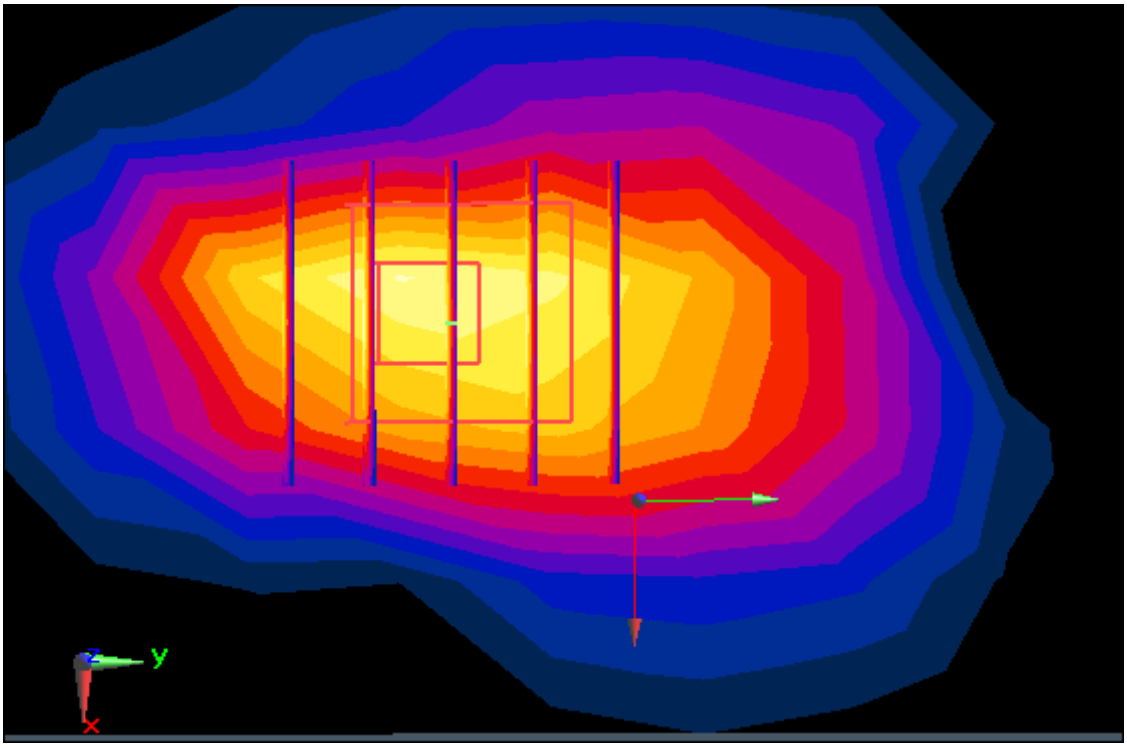
Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 13.9 W/kg
SAR(1 g) = 6.03 W/kg; SAR(10 g) = 2.51 W/kg



0 dB = 8.71 W/kg



Enlarge Plot for A47



Enlarge Plot for A47

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 66 (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1770 MHz; σ = 1.508 S/m; ε_r = 51.574; ρ = 1000 kg/m^3
Phantom section: Flat Section

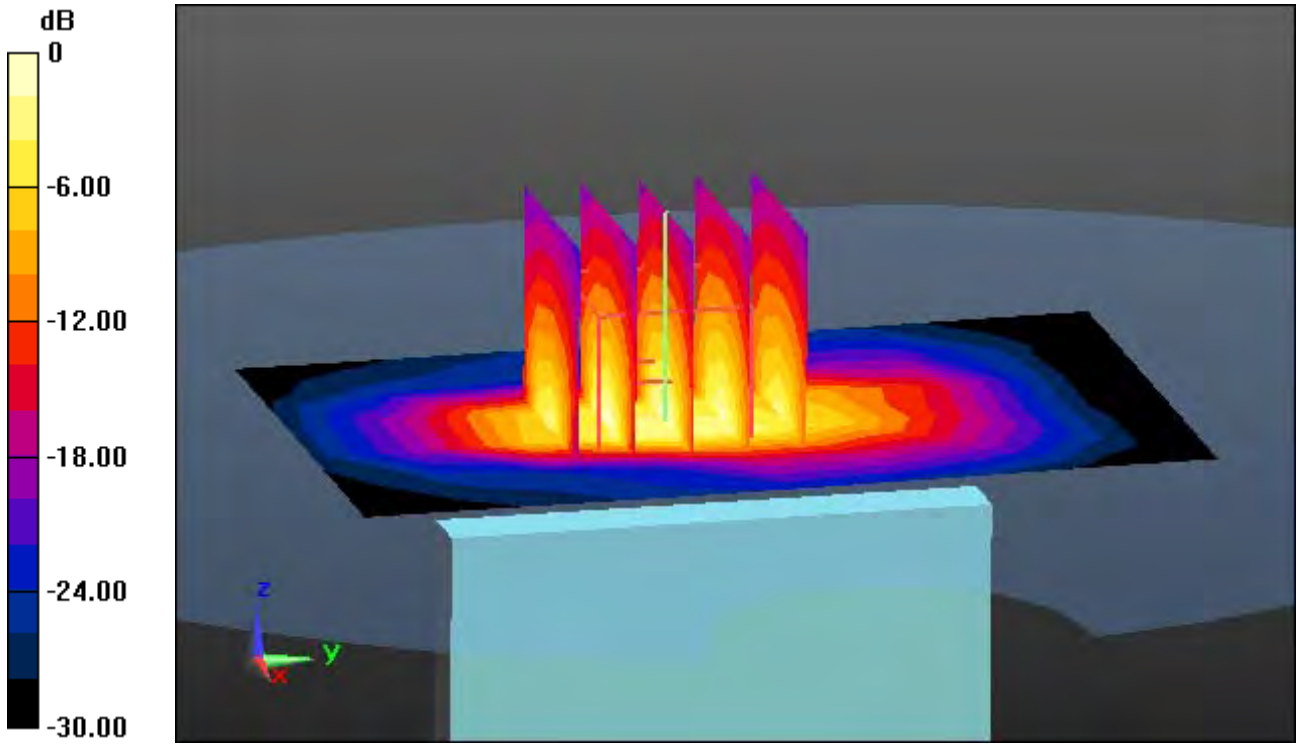
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.27, 5.27, 5.27) ; Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-09; Ambient Temp: 21.7; Tissue Temp: 21.9

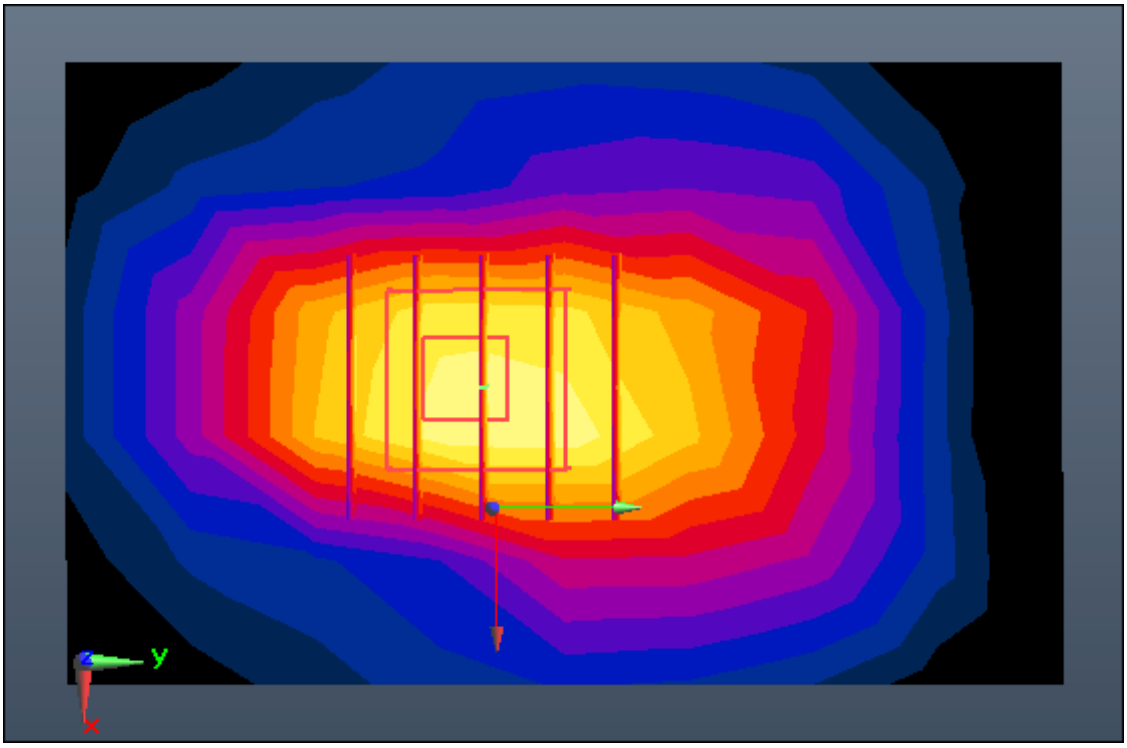
Touch from Body, Bottom, LTE Band 66 Ch. 132572, Ant. Internal

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

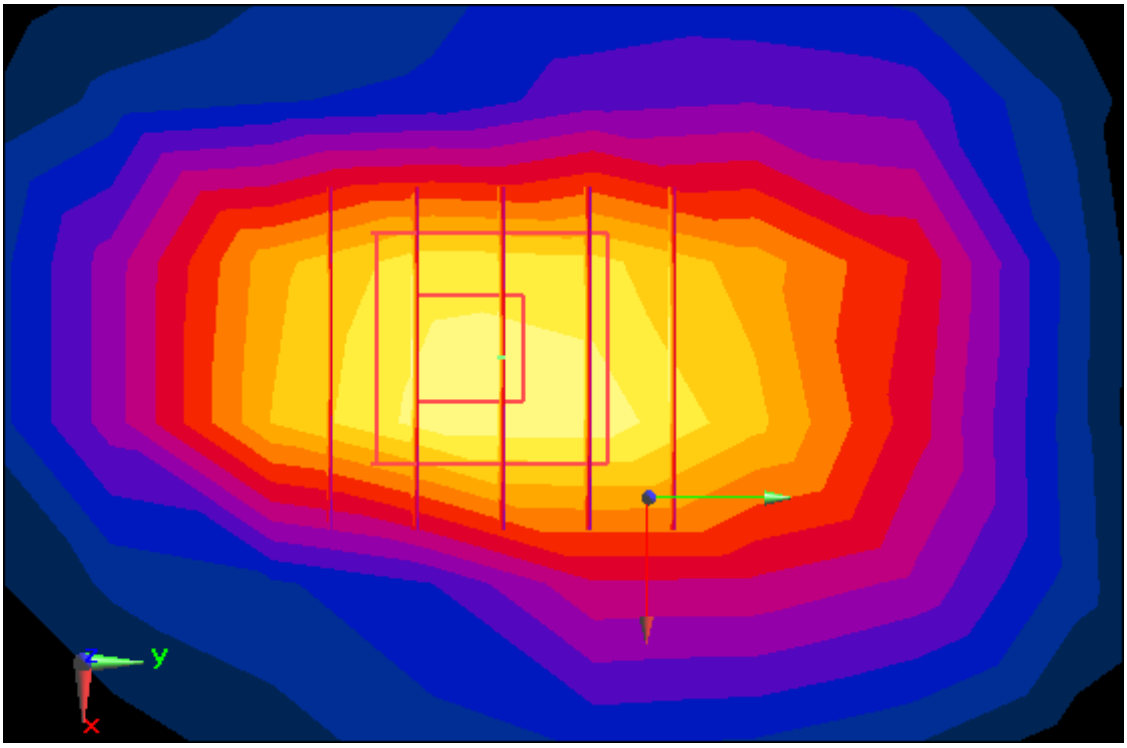
Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 7.2 W/kg; SAR(10 g) = 2.93 W/kg



0 dB = 9.50 W/kg



Enlarge Plot for A48



Enlarge Plot for A48

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.529 S/m; ε_r = 51.654; ρ = 1000 kg/m^3
Phantom section: Flat Section

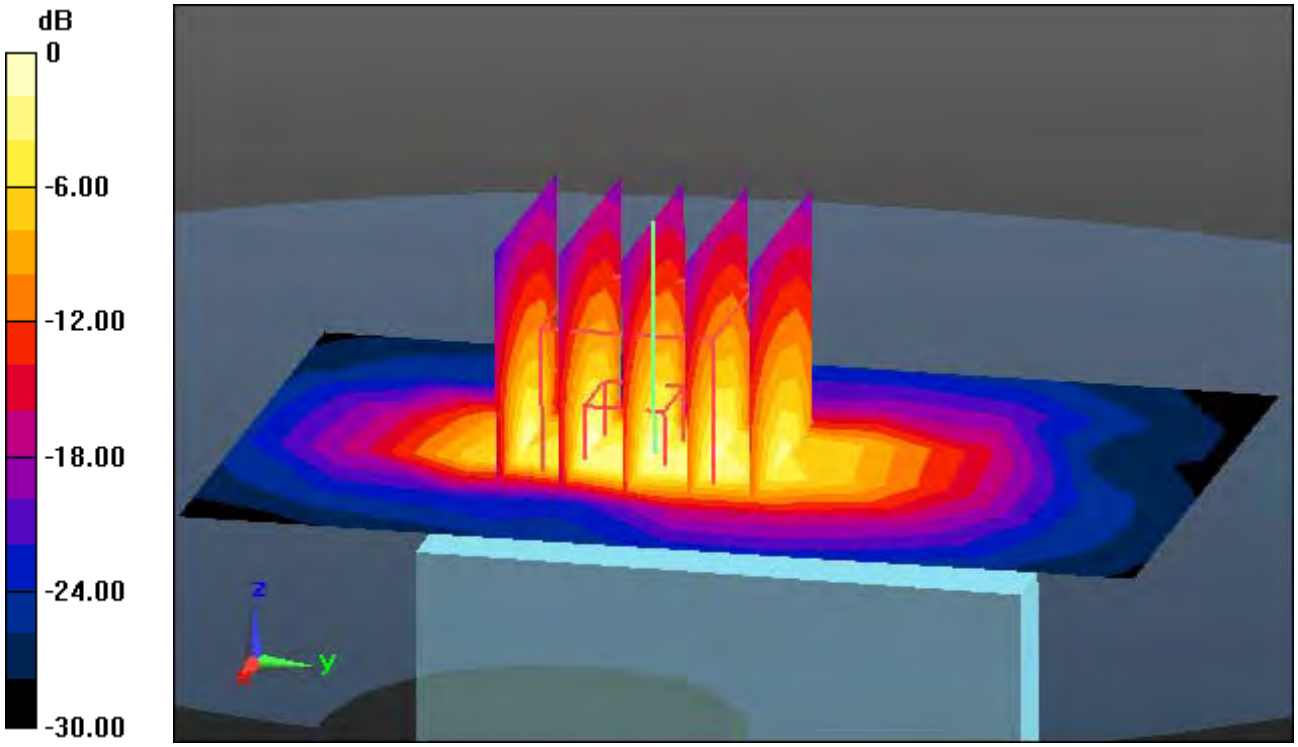
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5, 5, 5); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.2

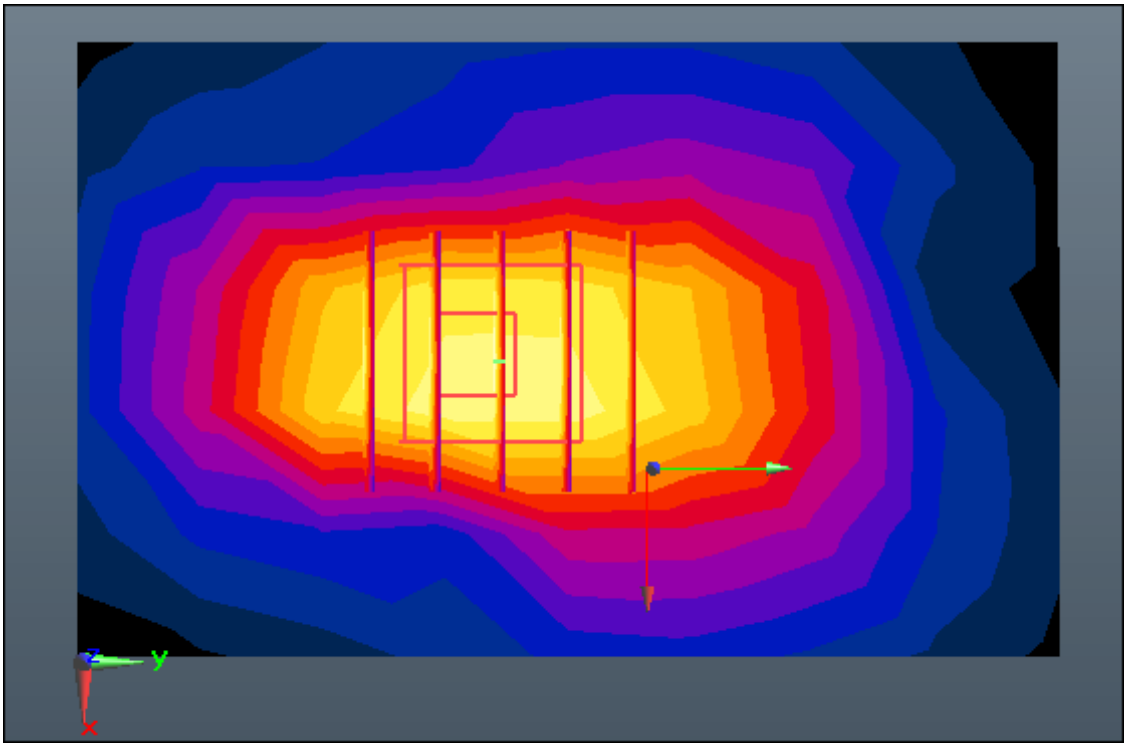
Touch from Body, Bottom, LTE Band 2 Ch. 19100, Ant. Internal

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

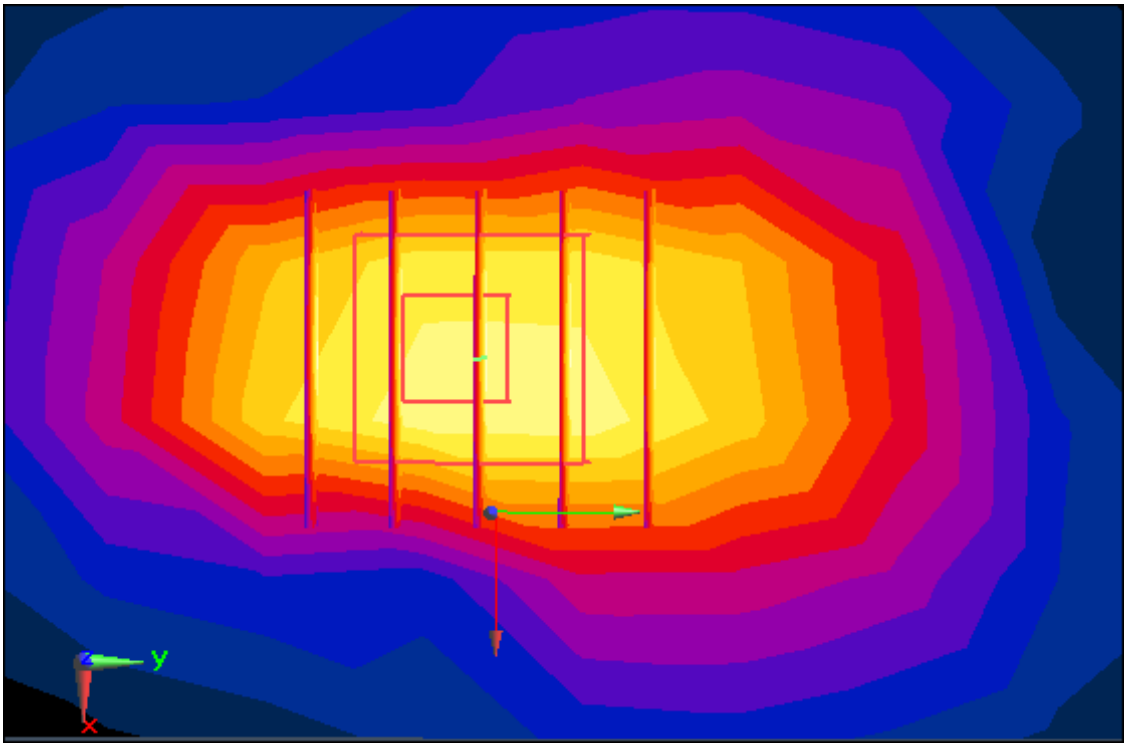
Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 19.6 W/kg
SAR(1 g) = 7.97 W/kg; SAR(10 g) = 3.22 W/kg



0 dB = 9.00 W/kg



Enlarge Plot for A49



Enlarge Plot for A49

DUT: LG-Q730BAW; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.021 S/m; ε_r = 52.109; ρ = 1000 kg/m^3
Phantom section: Flat Section

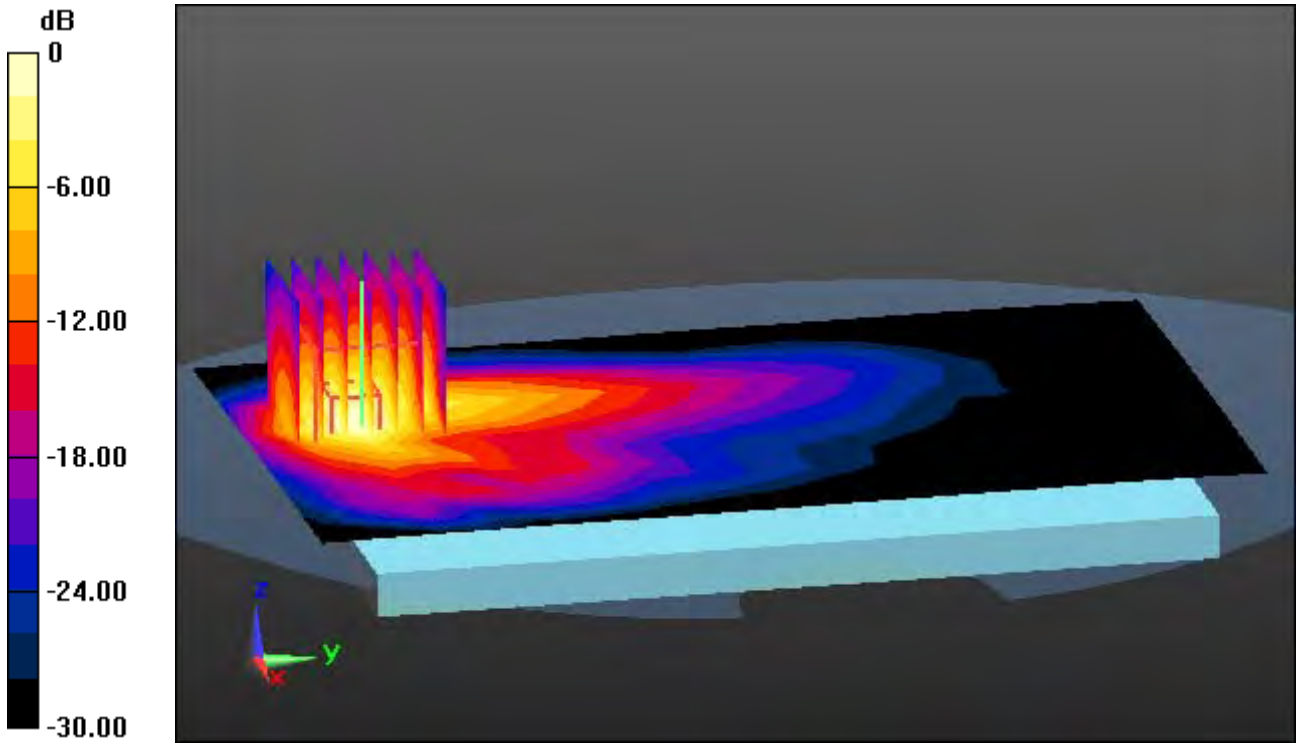
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.41, 4.41, 4.41); Calibrated: 8/27/2019 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-06-18; Ambient Temp: 22.1; Tissue Temp: 21.9

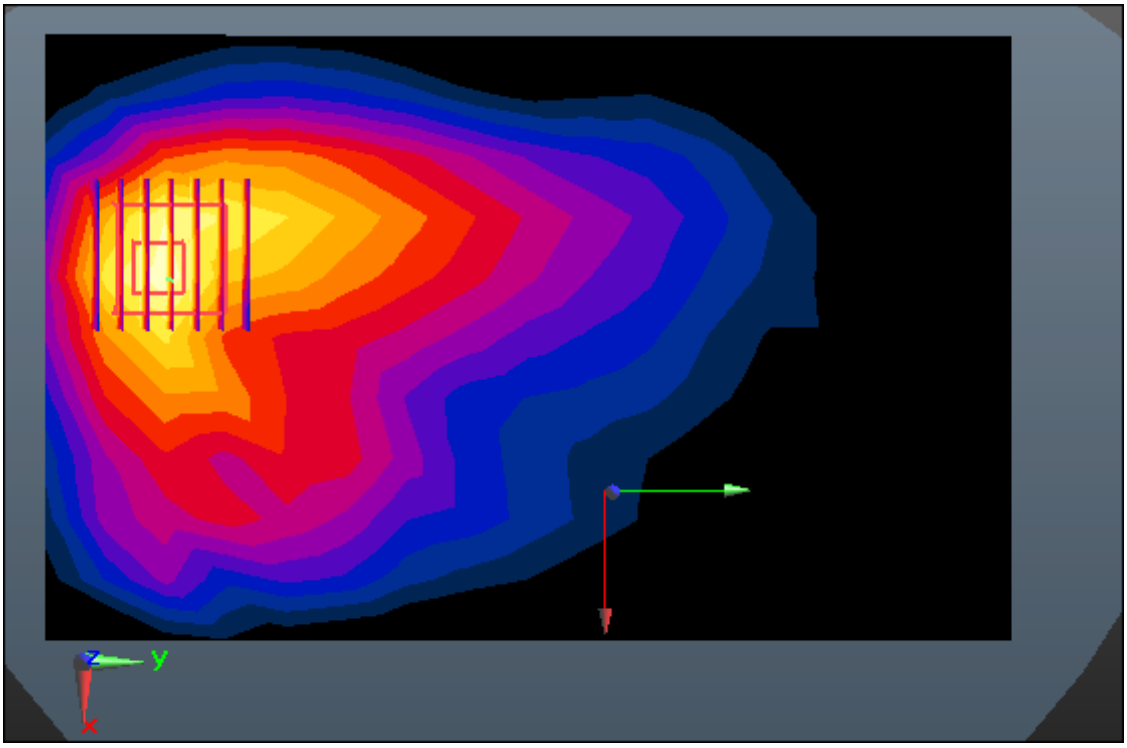
1 mm space from Body, Rear, LTE Band 7 Ch. 21100, Ant. Internal

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

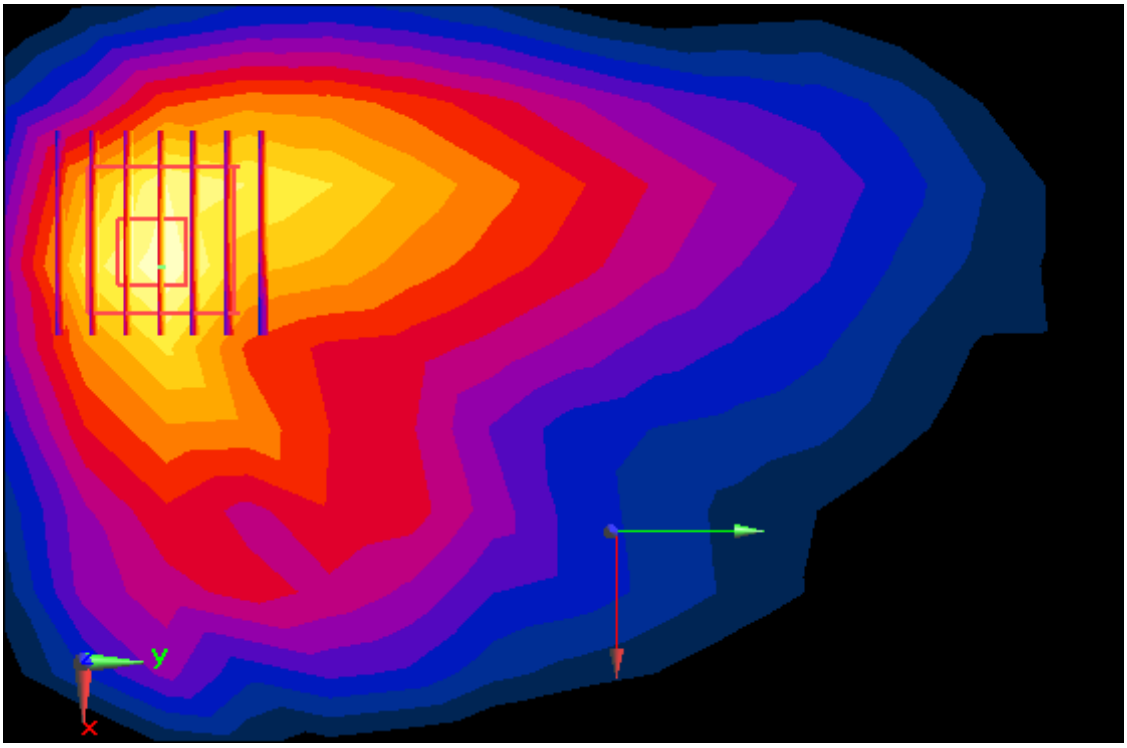
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 6.89 W/kg; SAR(10 g) = 2.74 W/kg



0 dB = 9.06 W/kg



Enlarge Plot for A50



Enlarge Plot for A50

DT&C Co., Ltd.

DUT: LG-Q730BAW; Type: Bar

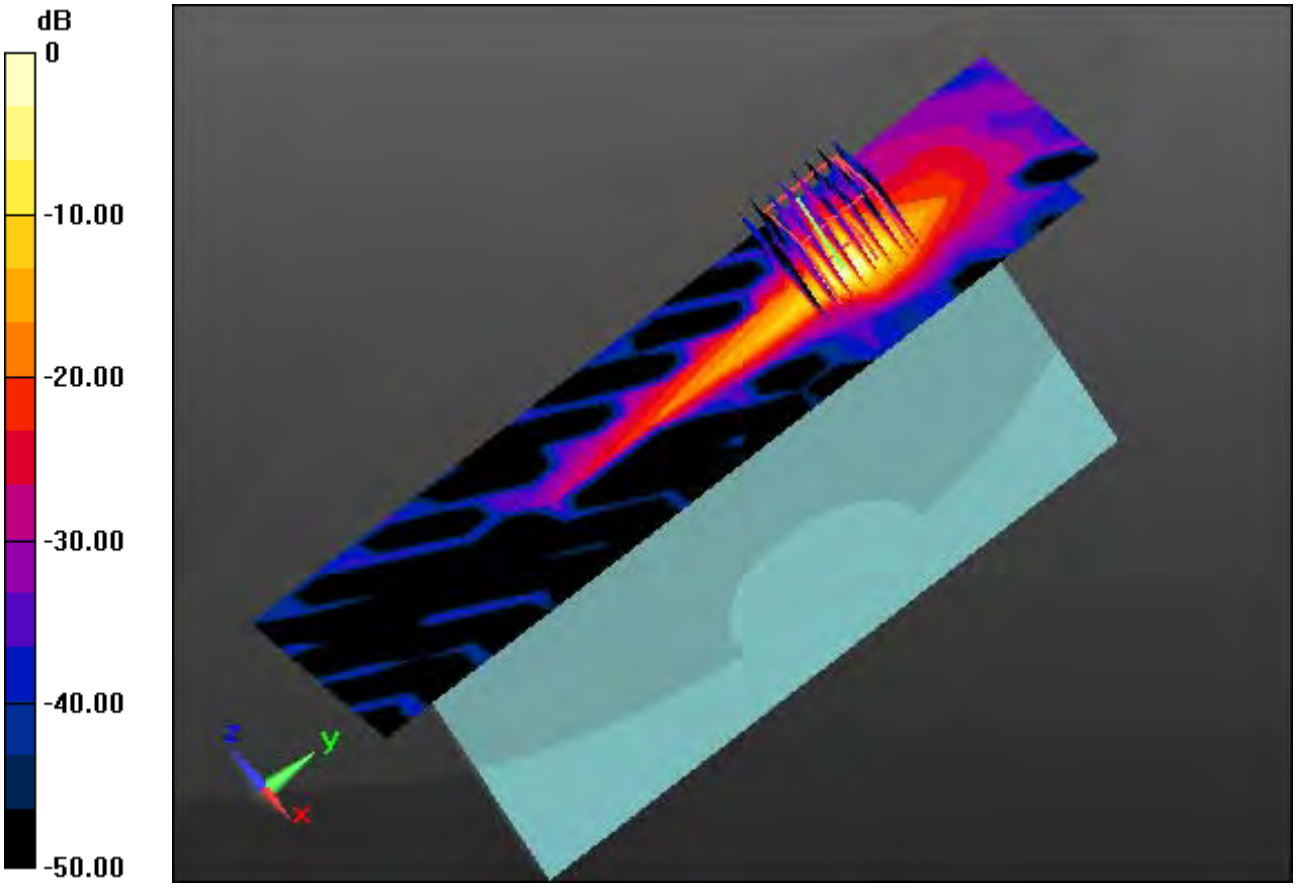
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; σ = 5.326 S/m; ε_r = 47.201; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.5, 4.5, 4.5) @ 5310 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

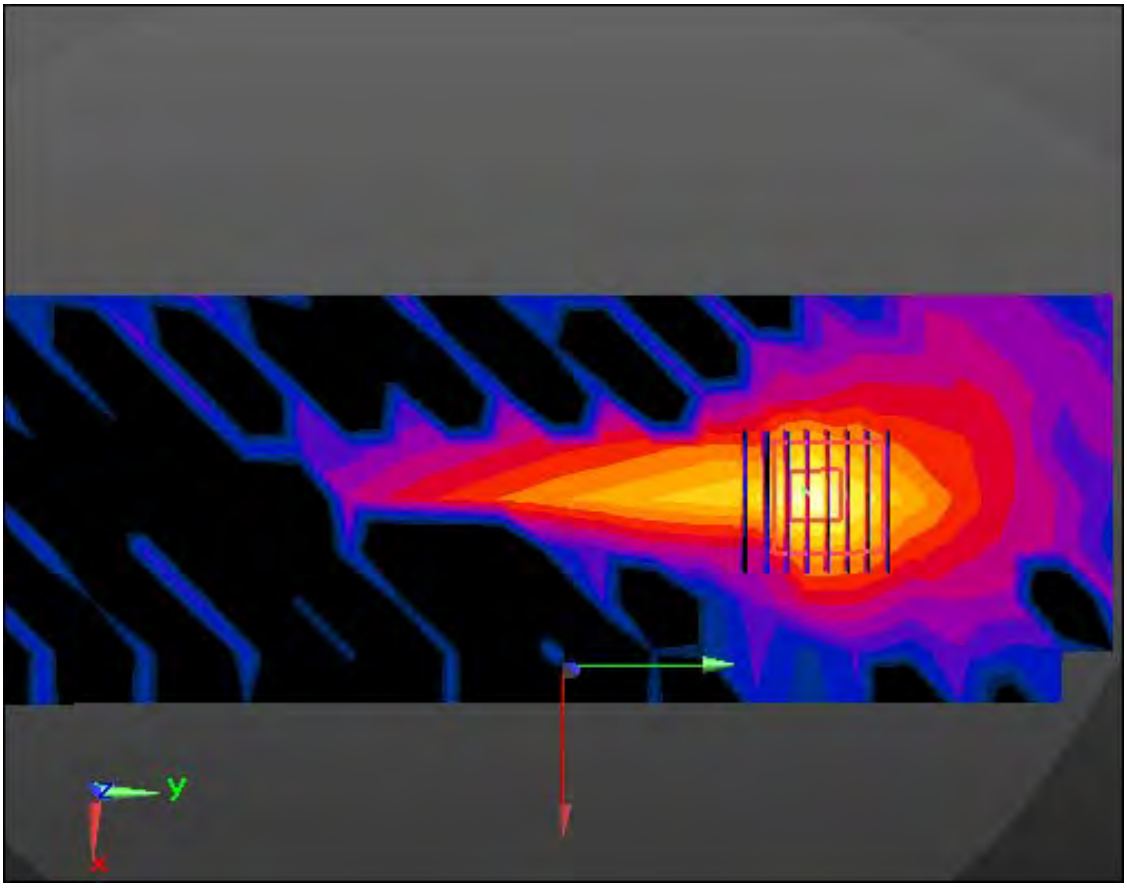
Test Date: 2020-06-08; Ambient Temp: 21.6; Tissue Temp: 21.7

Touch from Body, Right, W-LAN(802.11n HT40) Ch. 62, Ant Internal

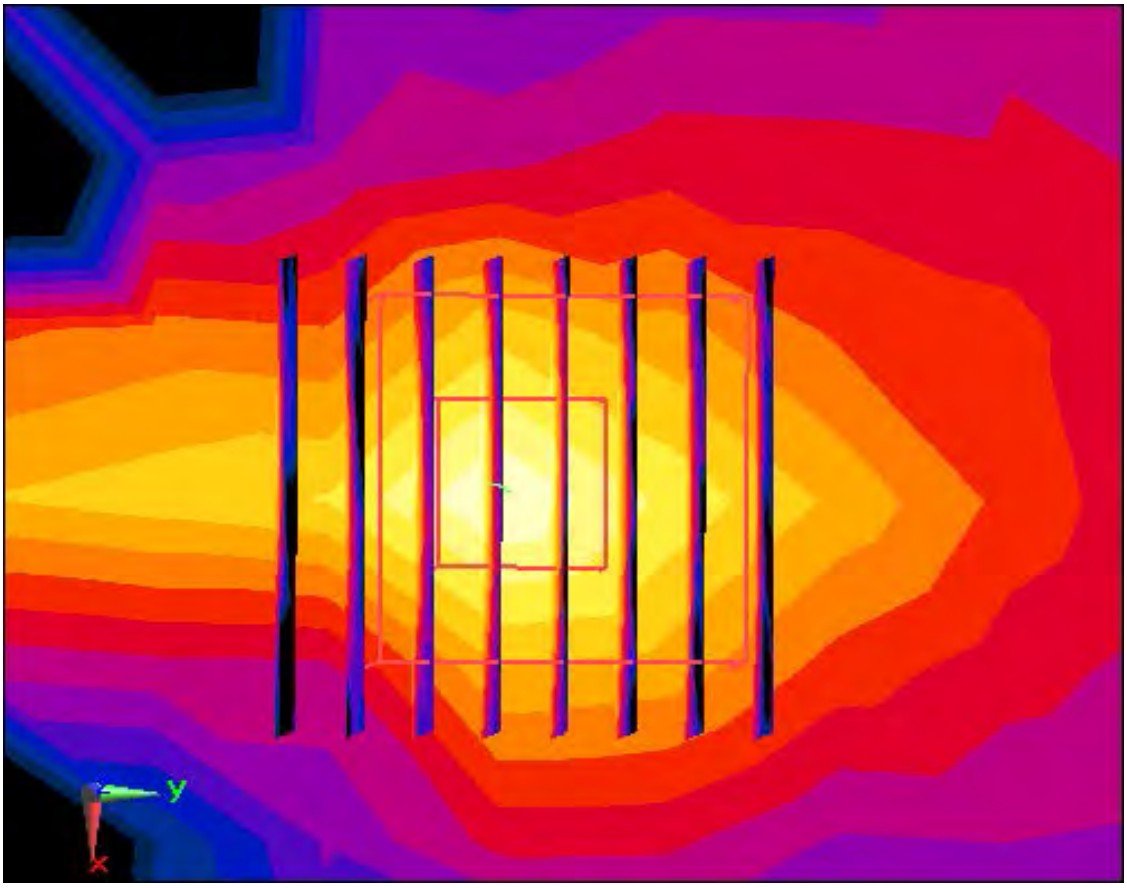
Area Scan (9x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 3.27 W/kg; SAR(10 g) = 0.612 W/kg



0 dB = 10.2 W/kg



Enlarged Plot for A51



Enlarged Plot for A51

DUT: LG-Q730BAW; Type: Bar

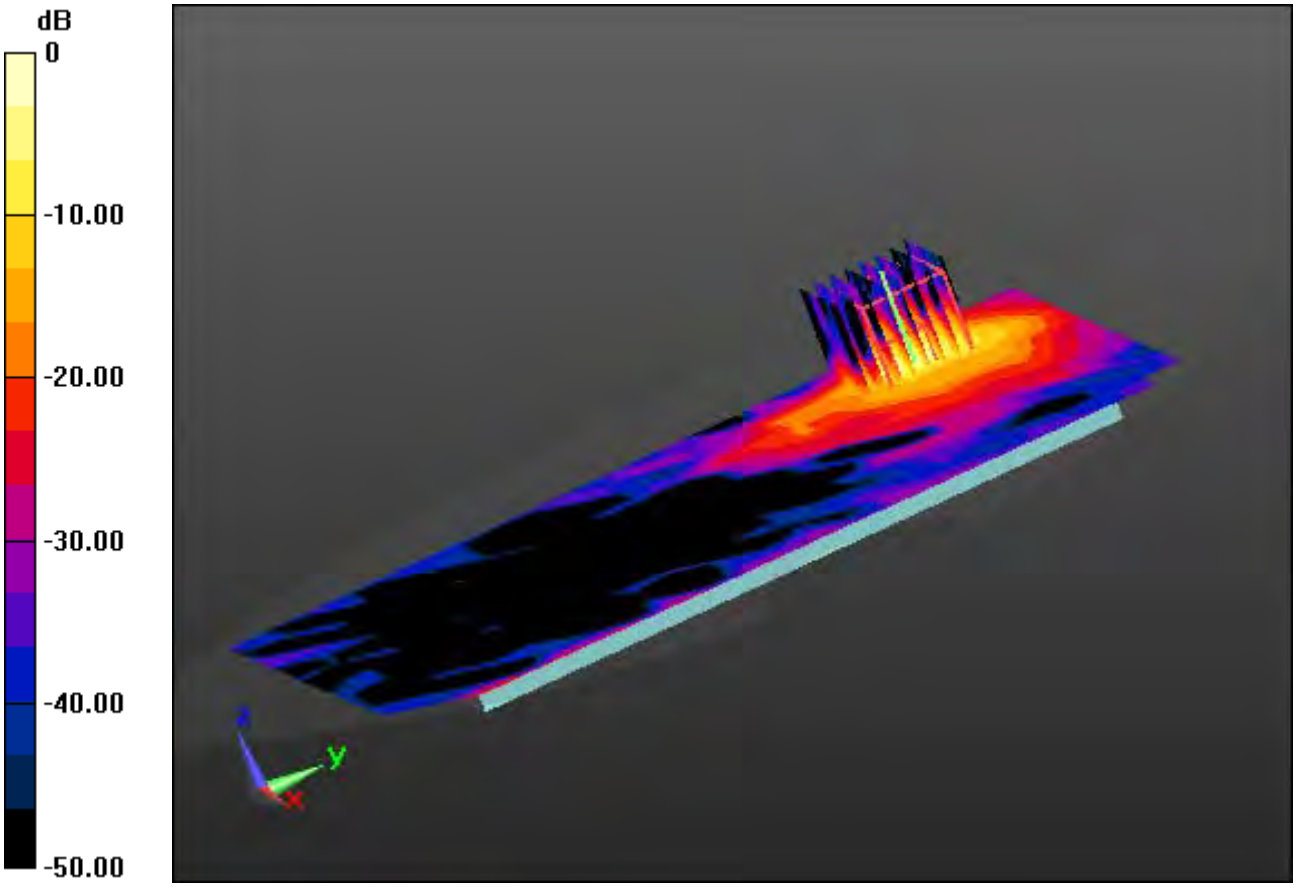
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5550 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5550 MHz; σ = 5.785 S/m; ε_r = 47.606; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.3, 4.3, 4.3) @ 5550 MHz; Calibrated: 2019-11-18 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

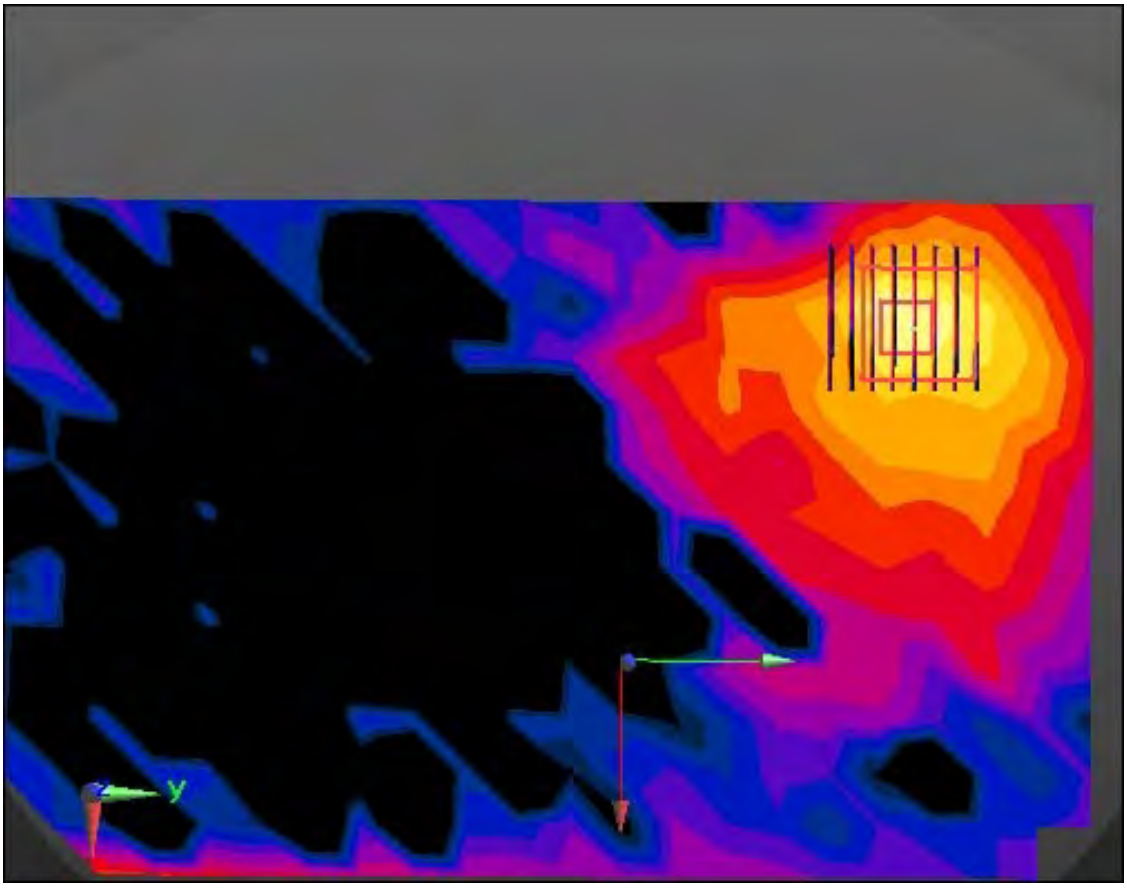
Test Date: 2020-06-05; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, Rear, W-LAN(802.11n HT40) Ch. 110, Ant Internal

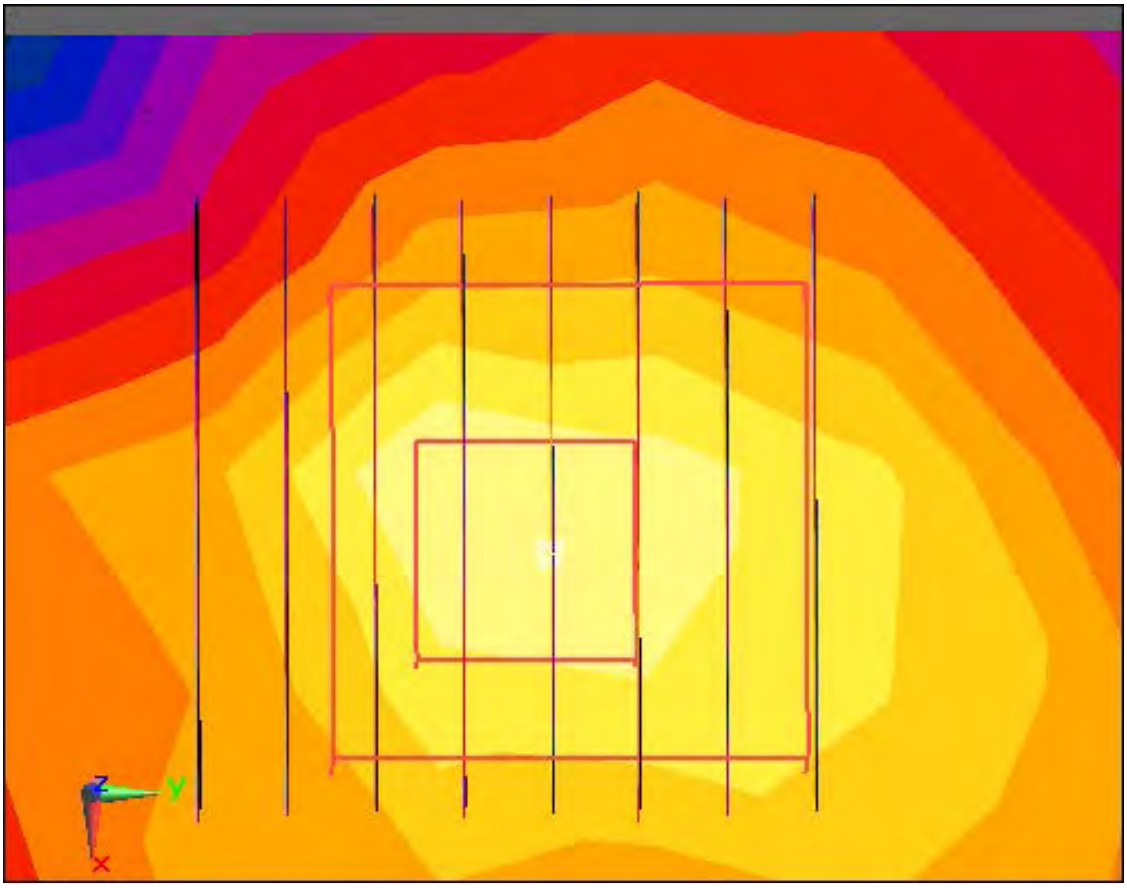
Area Scan (14x22x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.19 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 3.76 W/kg; SAR(10 g) = 0.786 W/kg



0 dB = 11.4 W/kg



Enlarged Plot for A52



Enlarged Plot for A52