SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 600 MHz; Type: D600V3; Serial: D600V3 - SN:1002

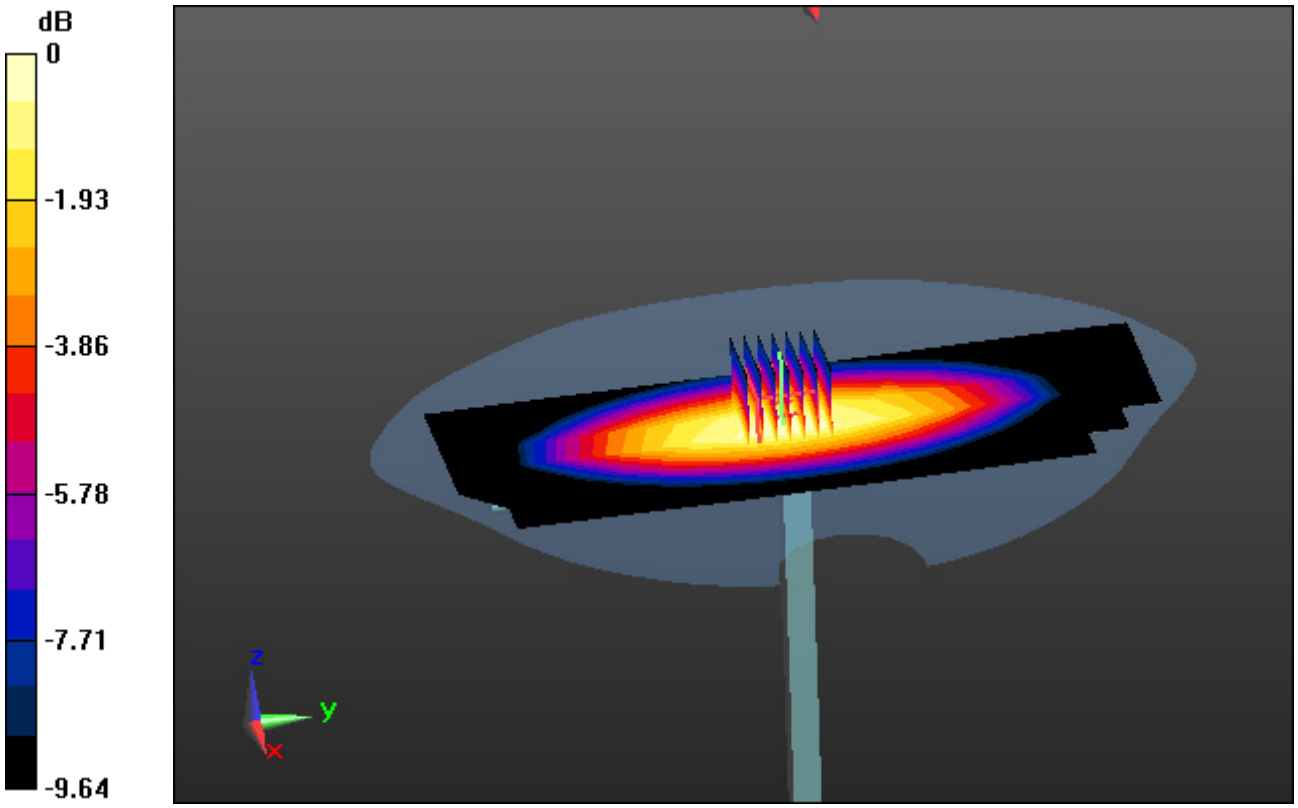
Communication System: UID 0, CW (0); Frequency: 600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 600 MHz; σ = 0.866 S/m; ε_r = 43.02; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ET3DV6R - SN1703; ConvF(7.1, 7.1, 7.1); Calibrated: 7/31/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-30; Ambient Temp: 21.8; Tissue Temp: 21.5

600 MHz System Verification (250 mW)

Area Scan (7x18x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 2.55 W/kg
SAR(1 g) = 1.63 W/kg; SAR(10 g) = 1.08 W/kg



0 dB = 1.74 W/kg

DT&C Co., Ltd.

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

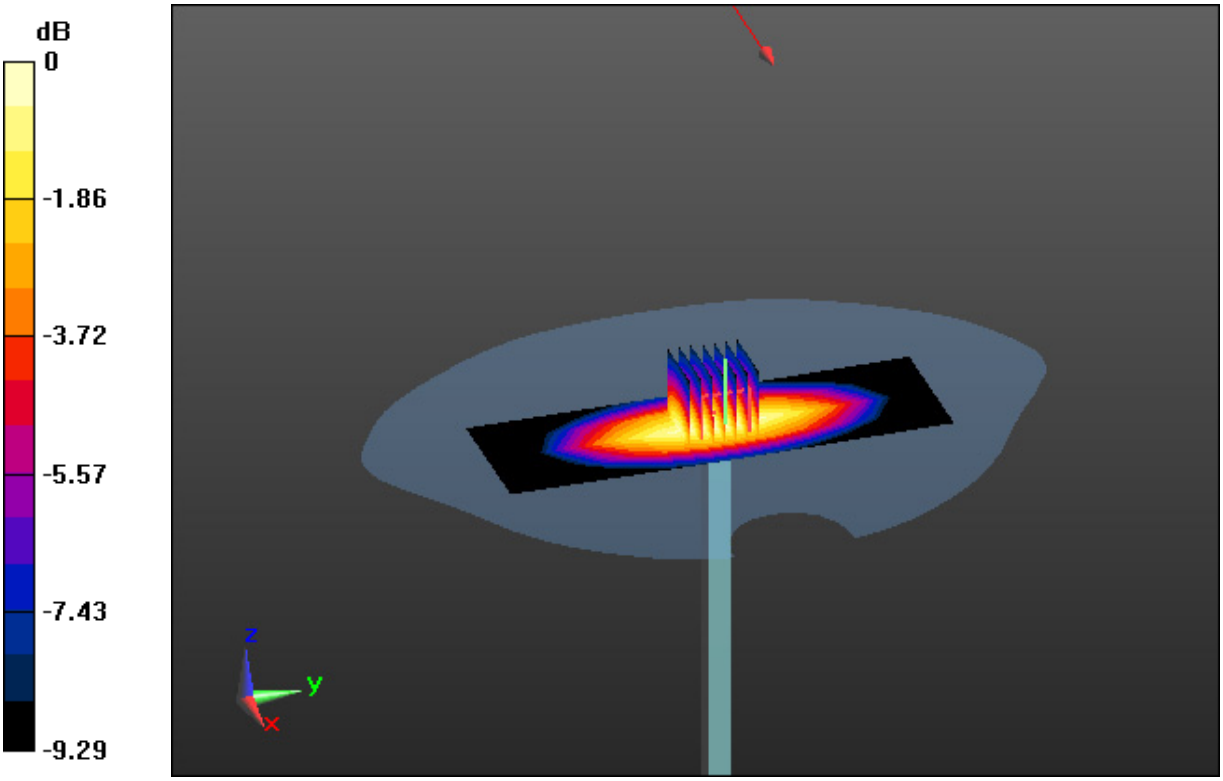
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.909 S/m; ε_r = 42.922; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.7

750 MHz System 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) = 2.92 W/kg
SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.33 W/kg



0 dB = 1.73 W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

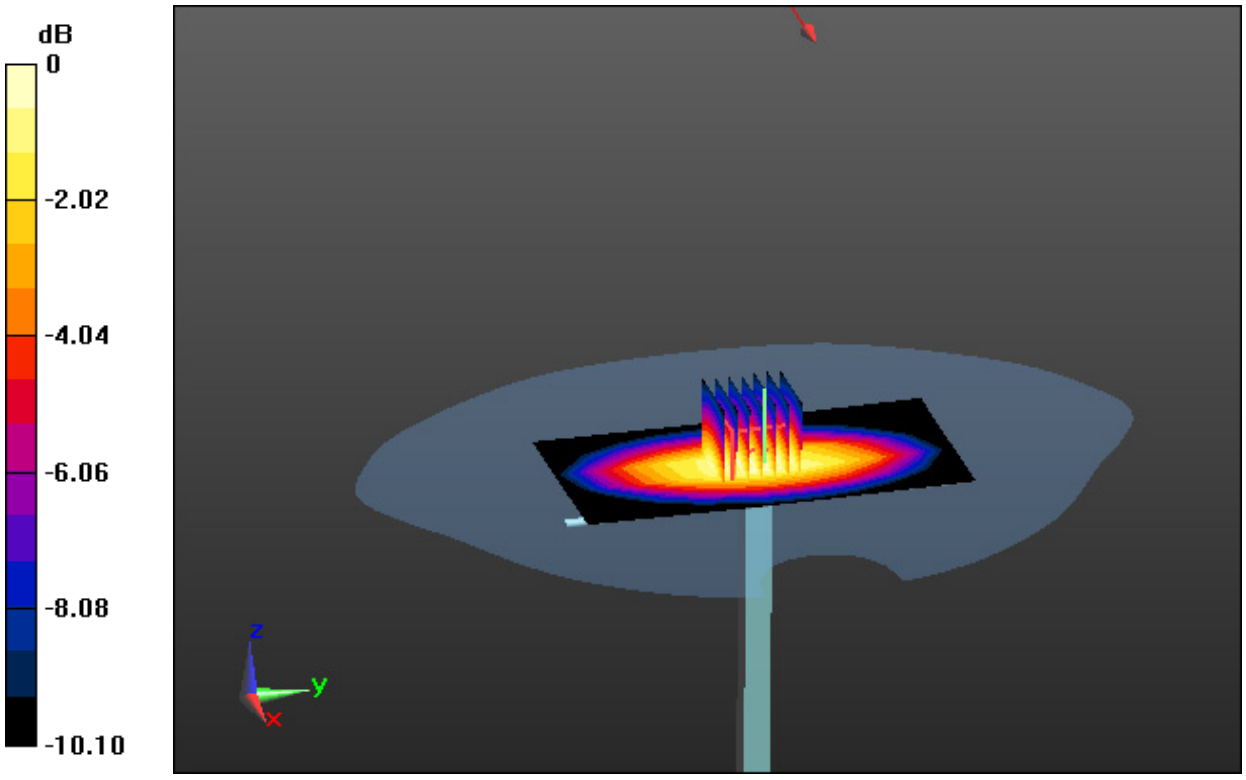
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.908 S/m; ε_r = 42.687; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-27; Ambient Temp: 20.9; Tissue Temp: 20.8

835 MHz System Verification (250 mW)

Area Scan (6x11x1): 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) = 5.16 W/kg
SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.56 W/kg



0 dB = 4.03 W/kg

DT&C Co., Ltd.

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

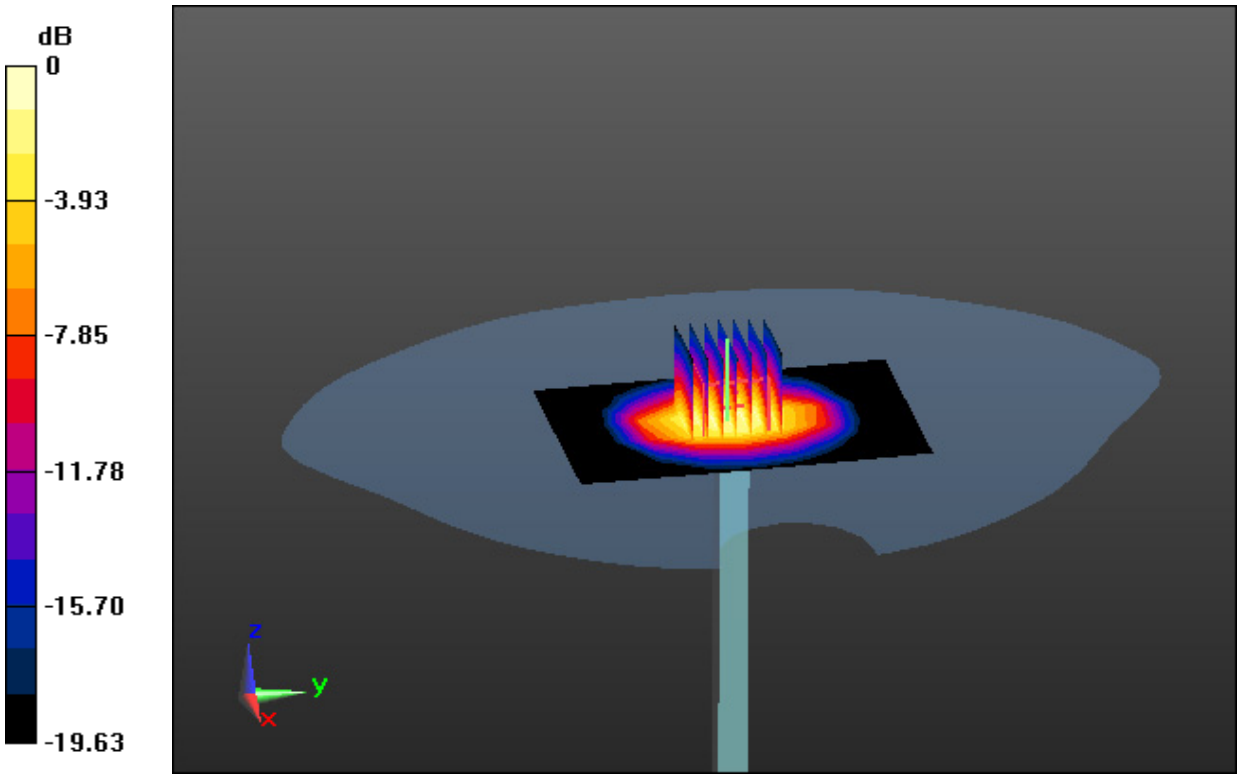
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.397 S/m; ε_r = 39.398; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.48, 8.48, 8.48); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-21; Ambient Temp: 22.7; Tissue Temp: 22.6

1800 MHz System Verification (100 mW)

Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) =1.99 W/kg



0 dB = 6.94 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

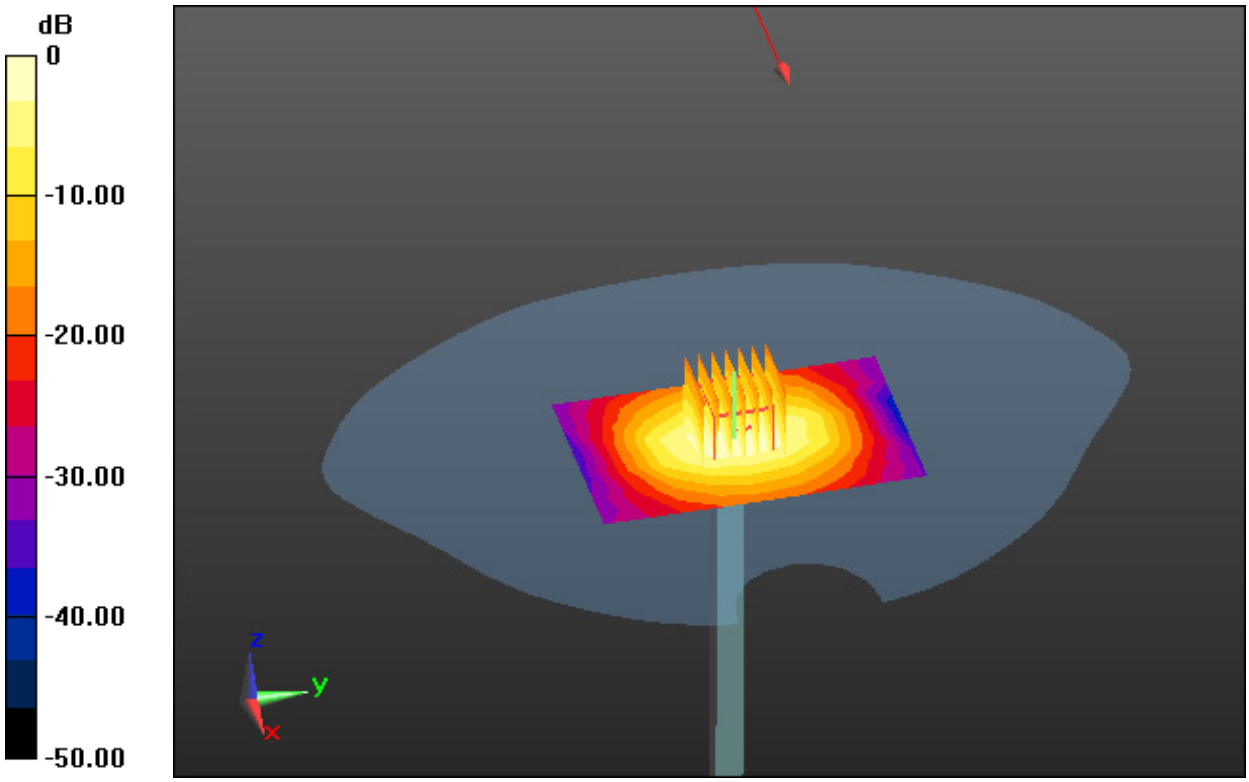
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.402 S/m; ε_r = 39.094; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.19, 8.19, 8.19); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-20; Ambient Temp: 20.8; Tissue Temp: 20.7

1900 MHz System Verification (100 mW)

Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 3.97 W/kg; SAR(10 g) = 2.10 W/kg



0 dB = 7.09 W/kg

DT&C Co., Ltd.

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

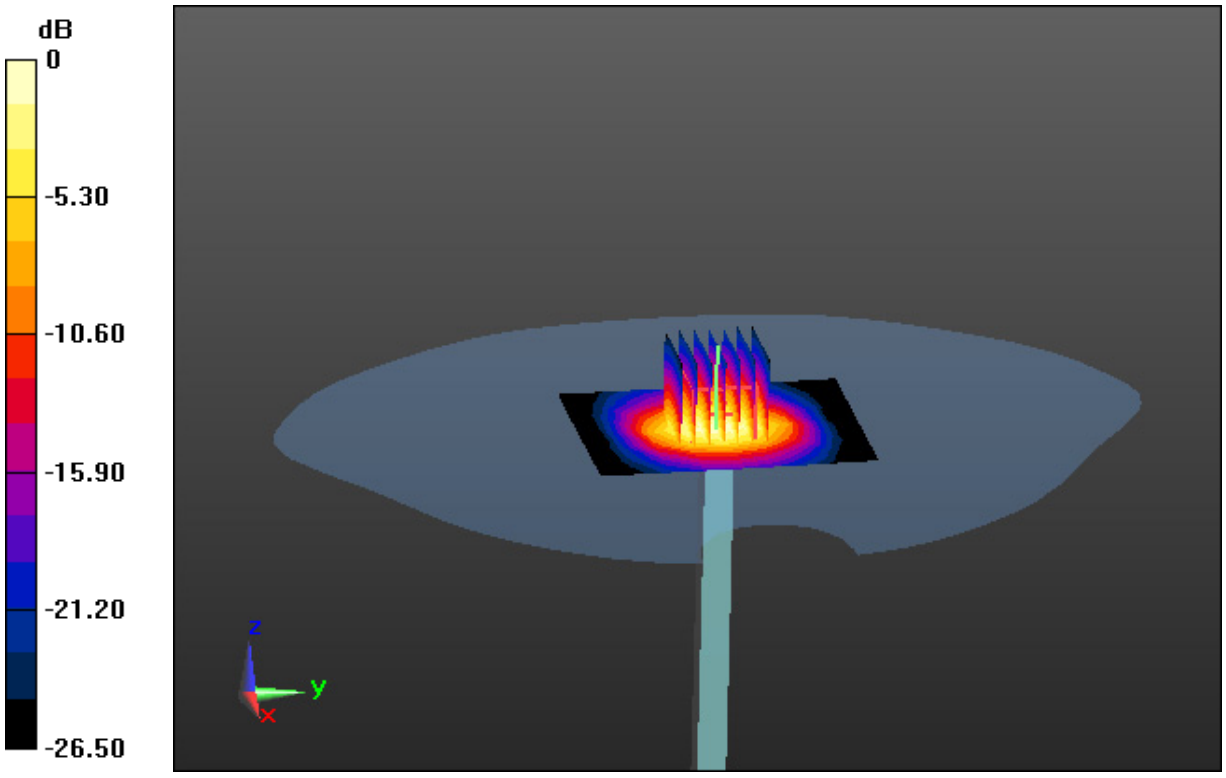
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.75 S/m; ε_r = 39.581; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.51, 7.51, 7.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-02; Ambient Temp: 22.4; Tissue Temp: 22.2

2450 MHz System Verification (100 mW)

Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 13.0 W/kg
SAR(1 g) = 5.01 W/kg; SAR(10 g) = 2.38 W/kg



0 dB = 10.1 W/kg

DT&C Co., Ltd.

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

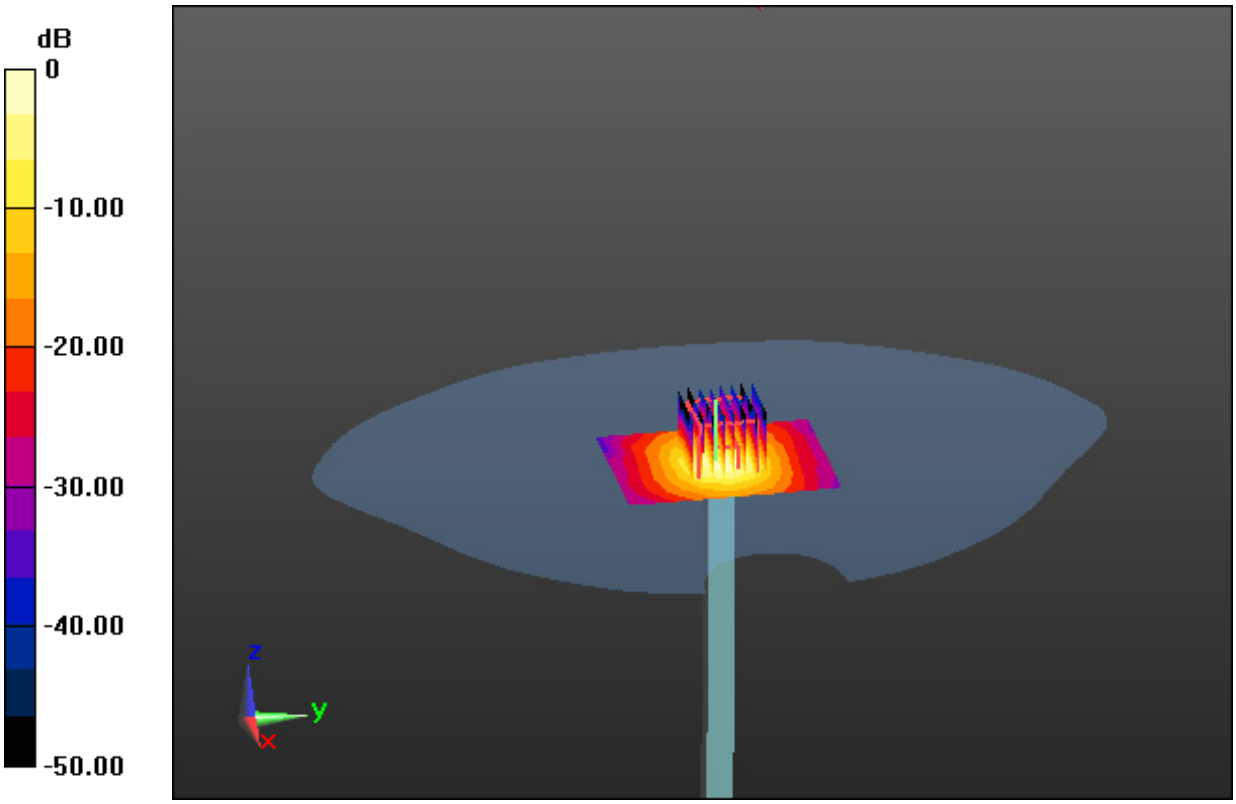
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.886 S/m; ε_r = 35.717; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.51, 5.51, 5.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-03; Ambient Temp: 21.5; Tissue Temp: 21.4

5300 MHz System Verification (100 mW)

Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 33.9 W/kg
SAR(1 g) = 8.11 W/kg; SAR(10 g) = 2.28 W/kg



0 dB = 17.8 W/kg

DT&C Co., Ltd.

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

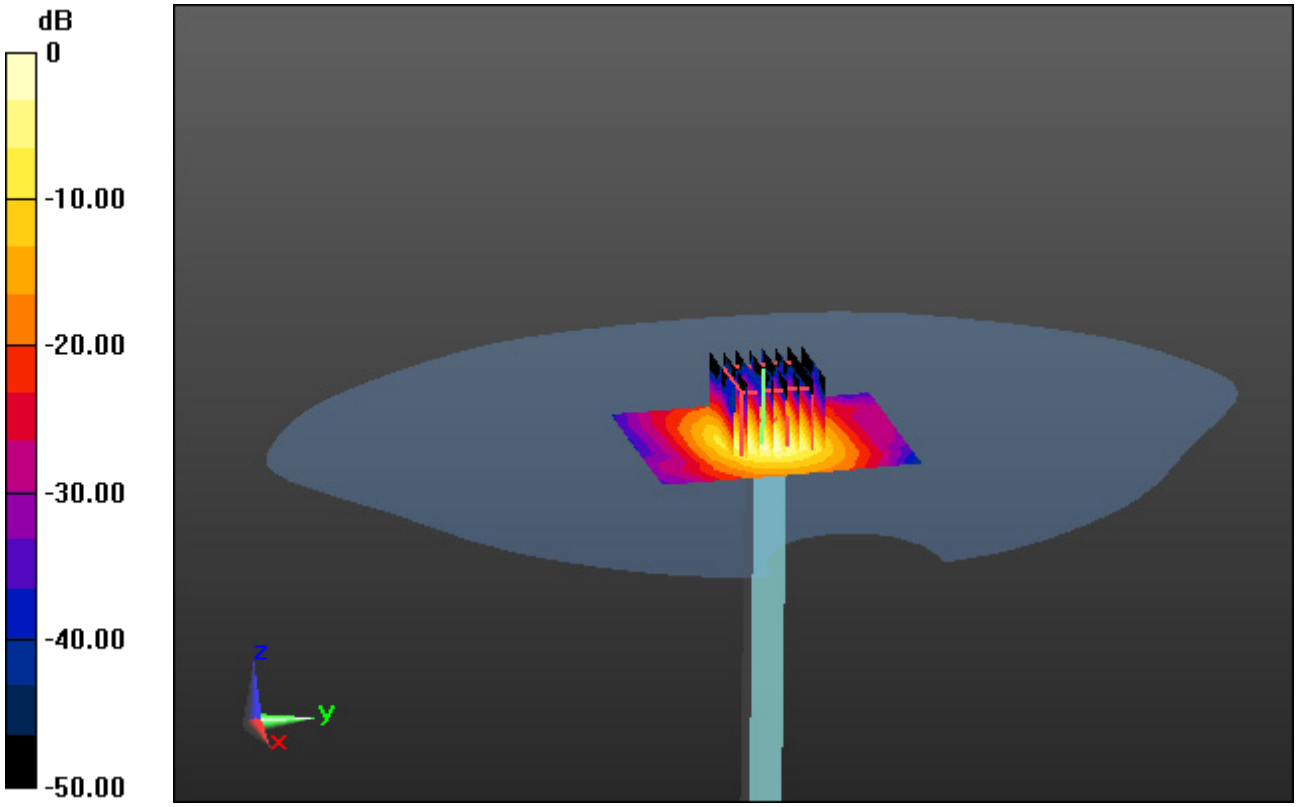
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.033 S/m; ε_r = 35.179; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.14, 5.14, 5.14); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-04; Ambient Temp: 20.6; Tissue Temp: 20.5

5500 MHz System Verification (100 mW)

Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 35.1 W/kg
SAR(1 g) = 8.48 W/kg; SAR(10 g) = 2.41 W/kg



0 dB = 18.3 W/kg

DT&C Co., Ltd.

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

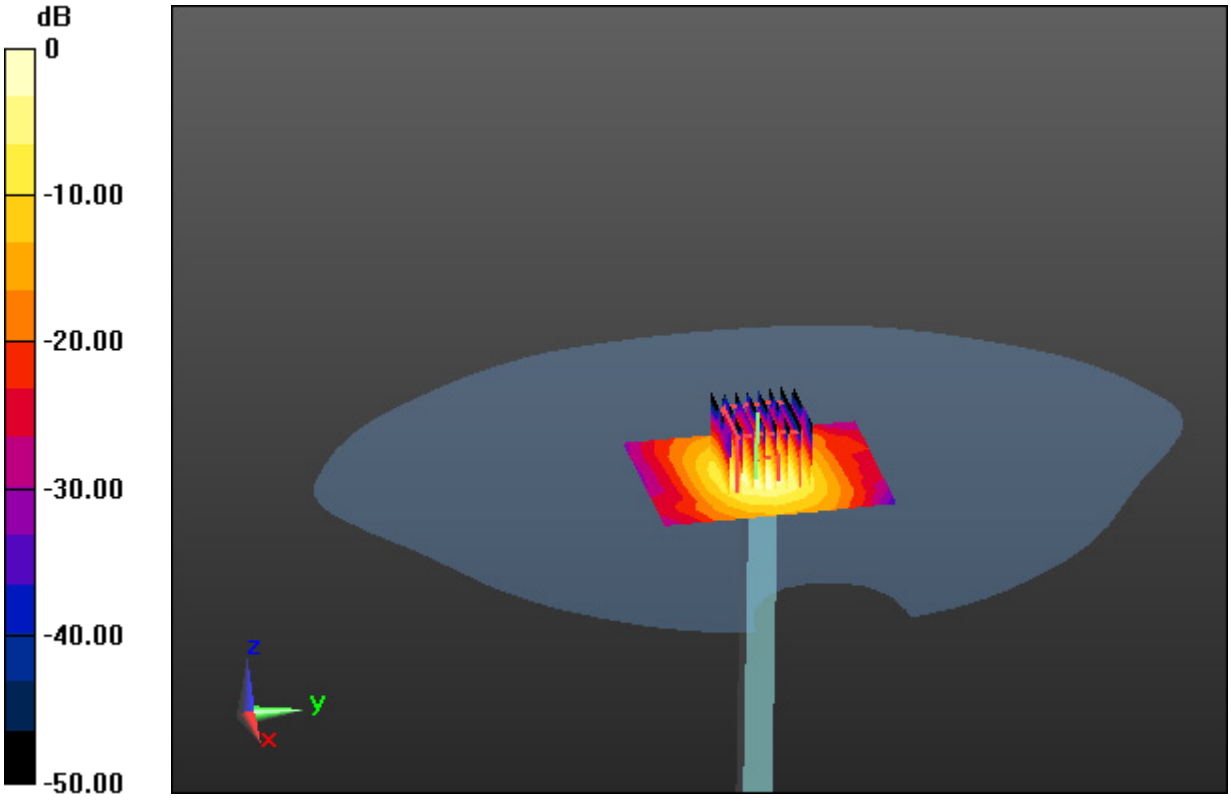
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.376 S/m; ε_r = 34.645; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5, 5, 5); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-04; Ambient Temp: 20.6; Tissue Temp: 20.5

5800 MHz System Verification (100 mW)

Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.08 dB
Peak SAR (extrapolated) = 36.4 W/kg
SAR(1 g) = 8.33 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 18.9 W/kg

DT&C Co., Ltd.

DUT: HF550; Type: Bar

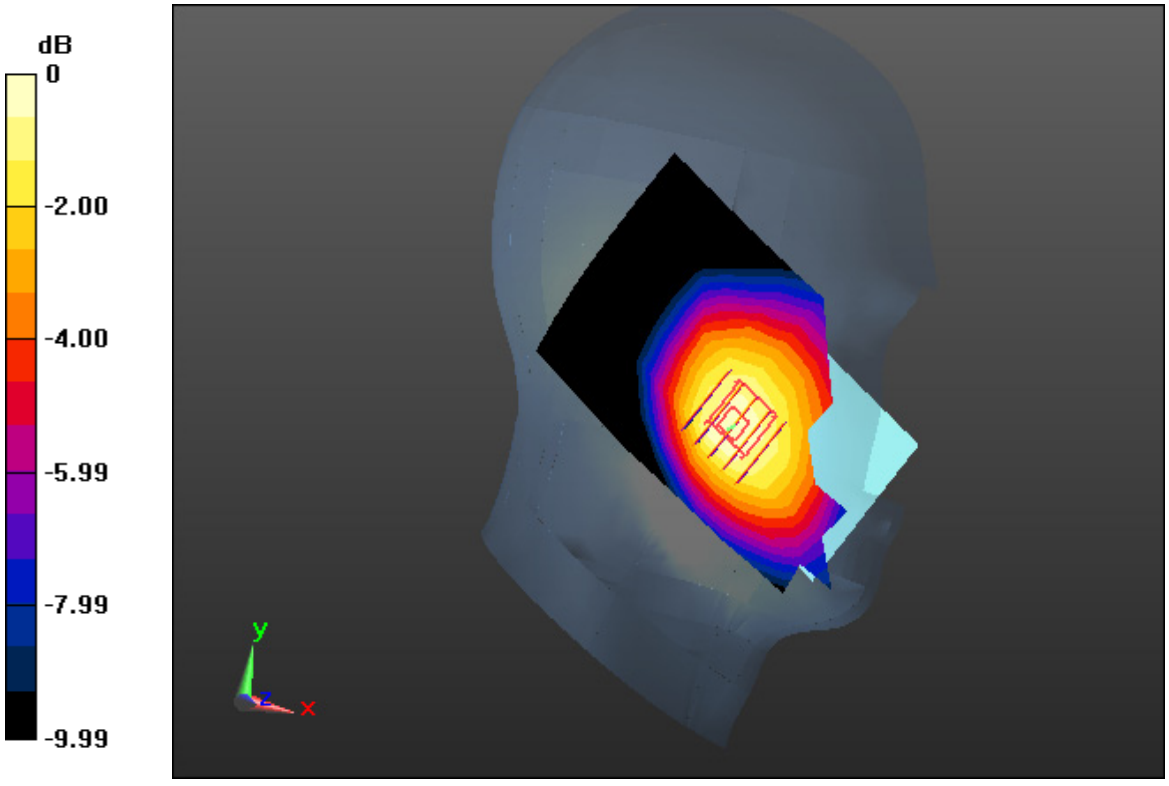
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.91 S/m; ε_r = 42.665; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-27; Ambient Temp: 20.9; Tissue Temp: 20.8

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

Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.176 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.107 W/kg



0 dB = 0.154 W/kg

DT&C Co., Ltd.

DUT: HF550; Type: Bar

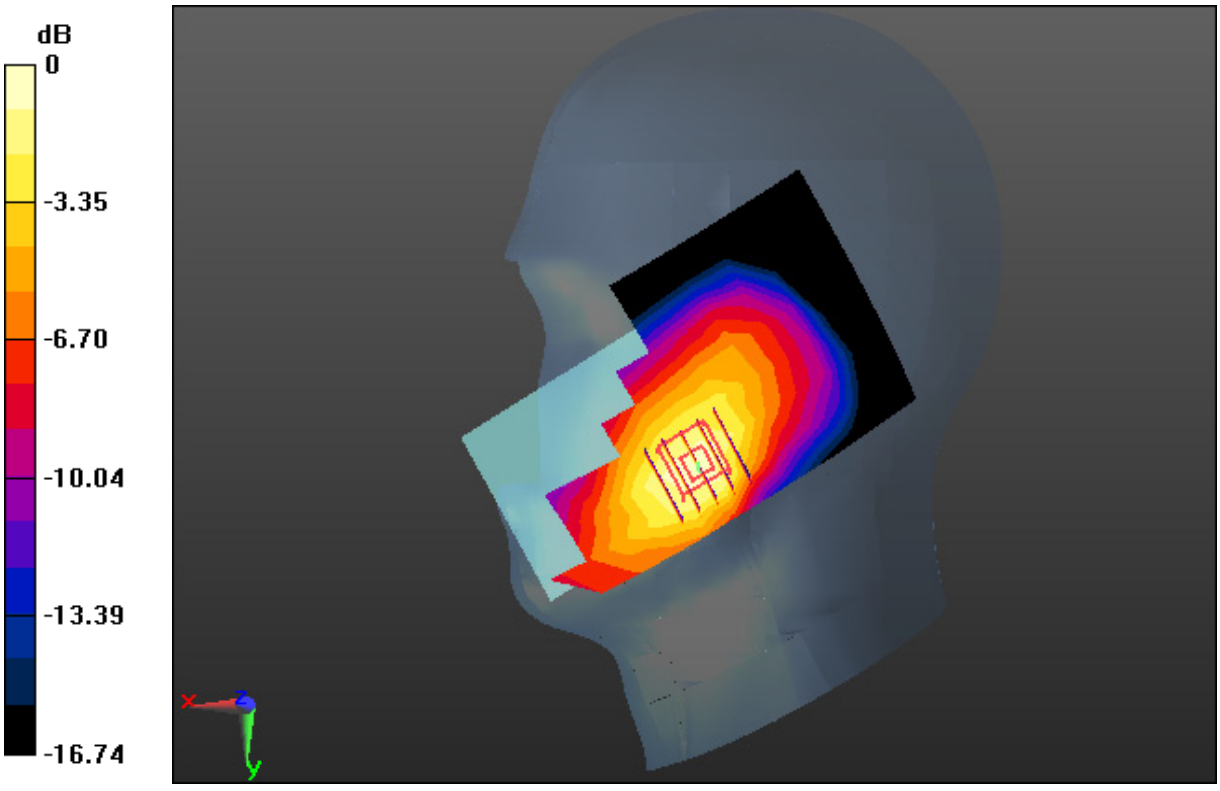
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.332 S/m; ε_r = 39.663; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.48, 8.48, 8.48); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-21; Ambient Temp: 22.7; Tissue Temp: 22.6

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

Area Scan (8x14x1): 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) = 0.237 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.096 W/kg



0 dB = 0.199 W/kg

DUT: HF550; Type: Bar

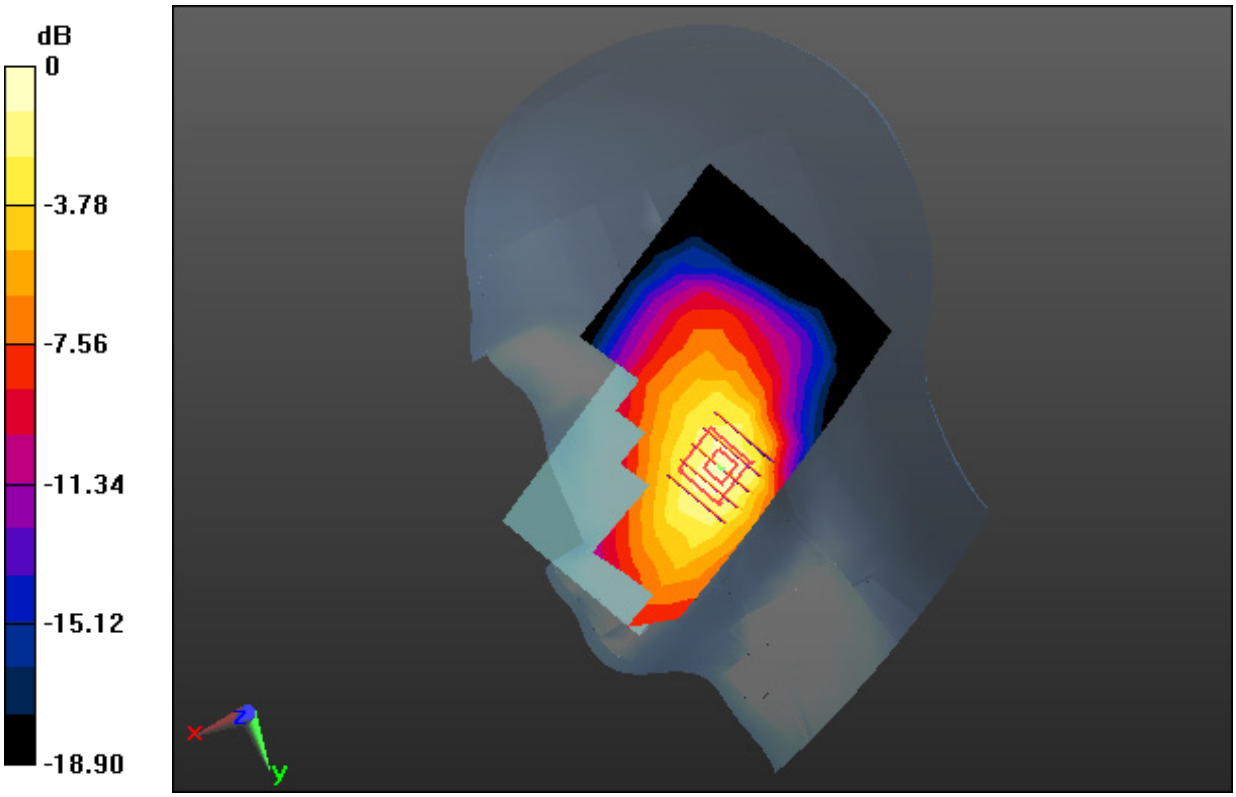
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.381 S/m; ε_r = 39.156; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.19, 8.19, 8.19); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-20; Ambient Temp: 20.8; Tissue Temp: 20.7

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

Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.233 W/kg



0 dB = 0.500 W/kg

DT&C Co., Ltd.

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 680.5 MHz; σ = 0.914 S/m; ε_r = 42.373; ρ = 1000 kg/m^3
Phantom section: Left Section

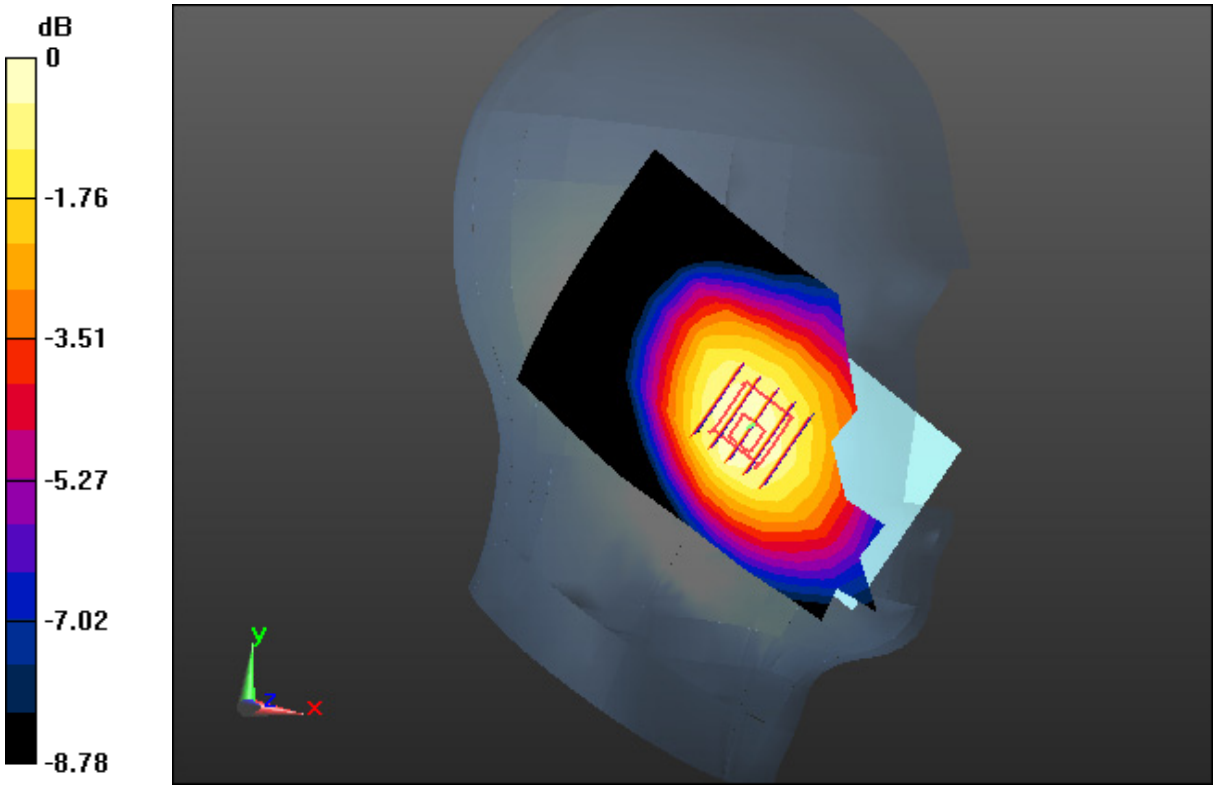
DASY5 Configuration:
Probe: ET3DV6R - SN1703; ConvF(7.1, 7.1, 7.1); Calibrated: 7/31/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-30; Ambient Temp: 21.8; Tissue Temp: 21.5

Left Touch, LTE Band 71 Ch. 133297, Ant Internal, Standard Battery

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

Area Scan (8x14x1): 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) = 0.126 W/kg
SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.072 W/kg



0 dB = 0.0965 W/kg

DUT: HF550; 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 = 0.864 S/m; ε_r = 42.199; ρ = 1000 kg/m^3
Phantom section: Left Section

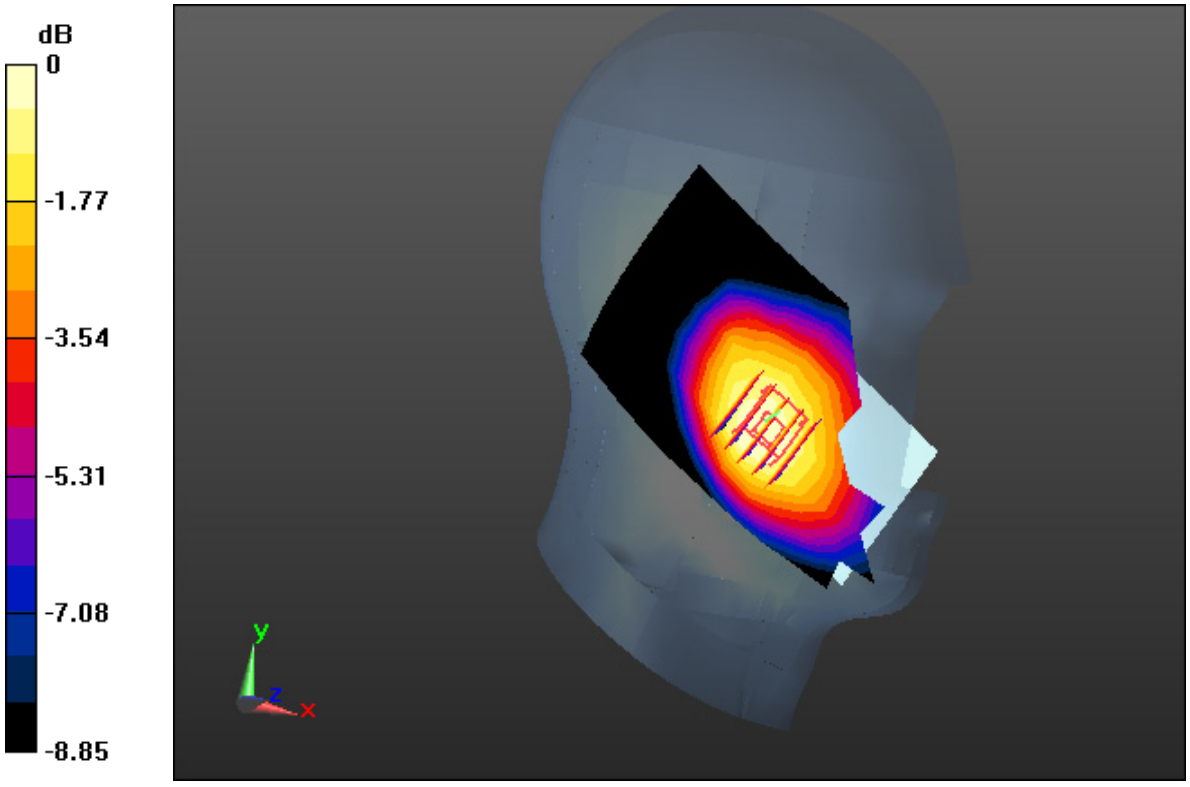
DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.7

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

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

Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.110 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.928 S/m; ε_r = 41.528; ρ = 1000 kg/m^3
Phantom section: Left Section

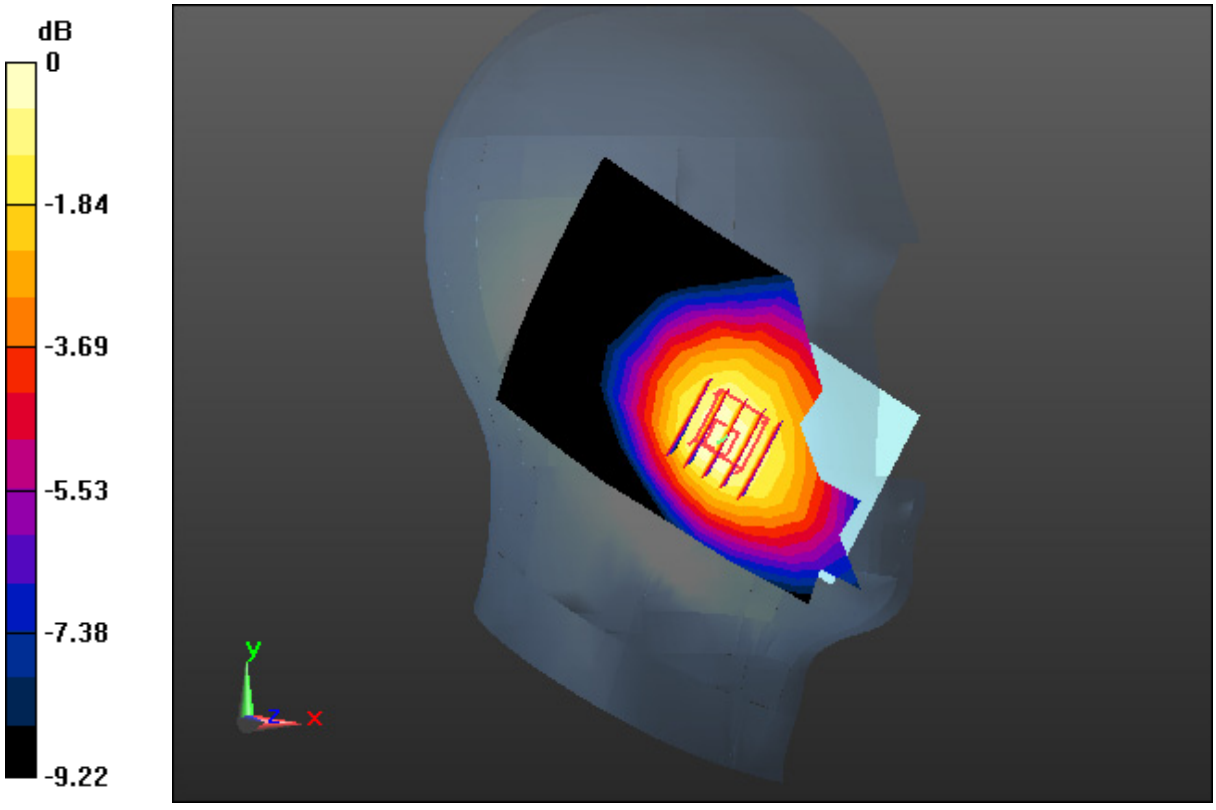
DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.7

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

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

Area Scan (8x14x1): 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) = 0.181 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 0.162 W/kg

DT&C Co., Ltd.

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 5 (FCC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.91 S/m; ε_r = 42.669; ρ = 1000 kg/m^3
Phantom section: Left Section

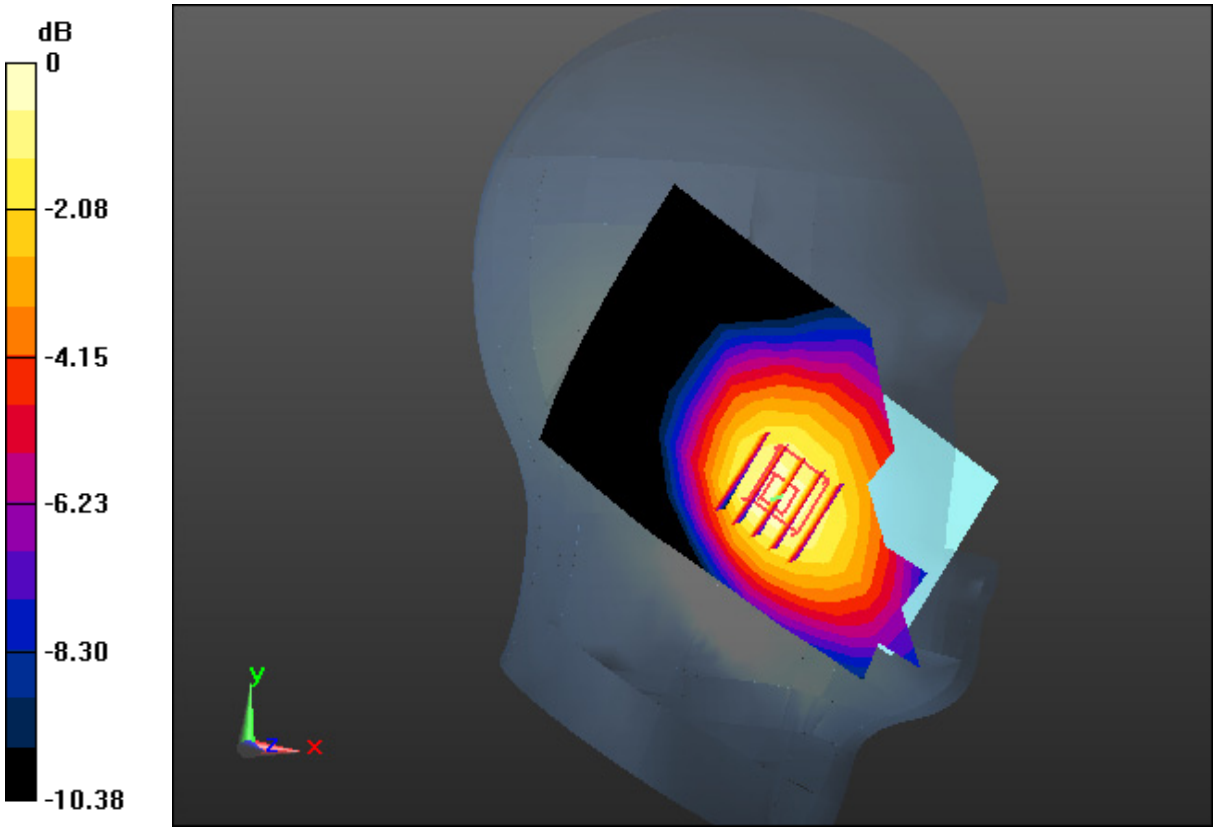
DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-27; Ambient Temp: 20.9; Tissue Temp: 20.8

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

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

Area Scan (8x14x1): 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) = 0.204 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.123 W/kg



0 dB = 0.178 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 39.602; ρ = 1000 kg/m^3
Phantom section: Right Section

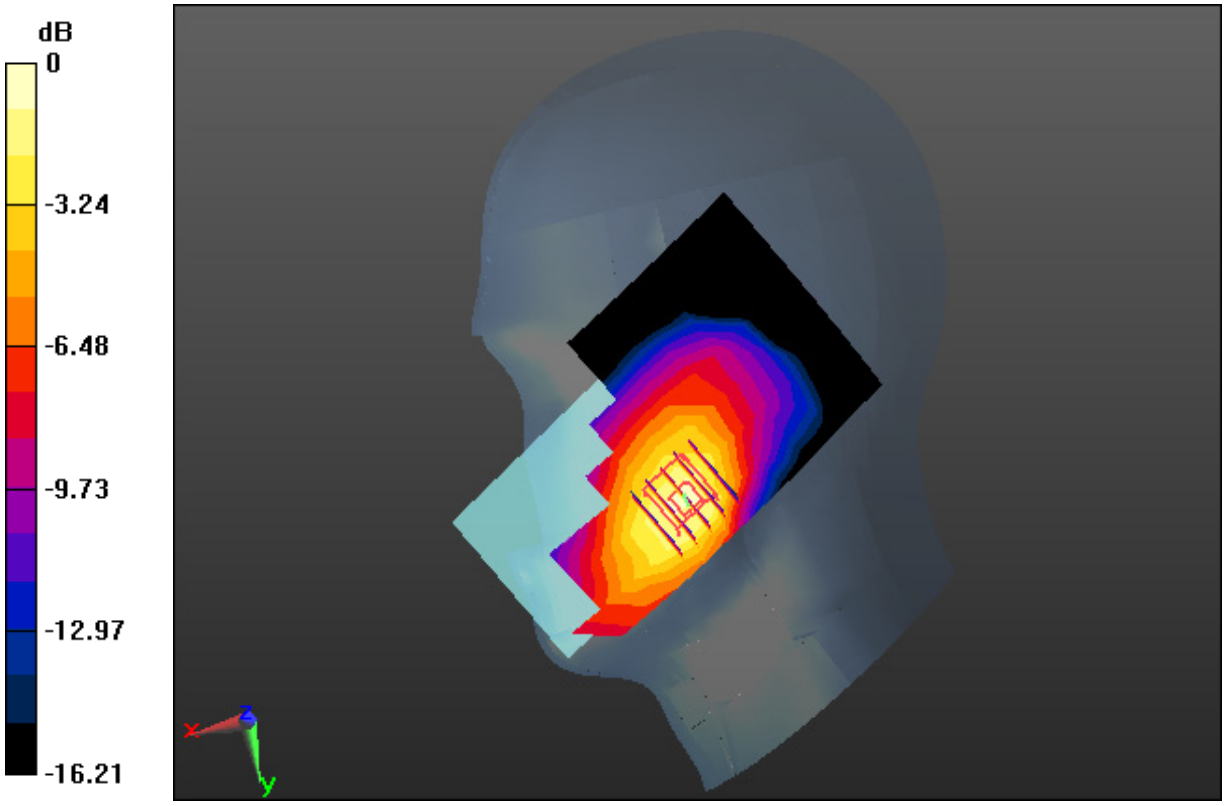
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.48, 8.48, 8.48); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-21; Ambient Temp: 22.7; Tissue Temp: 22.6

Right Touch, LTE Band 66 Ch. 132322, Ant Internal, Standard Battery

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

Area Scan (8x14x1): 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) = 0.324 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.130 W/kg



0 dB = 0.274 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.381 S/m; ε_r = 39.156; ρ = 1000 kg/m^3
Phantom section: Right Section

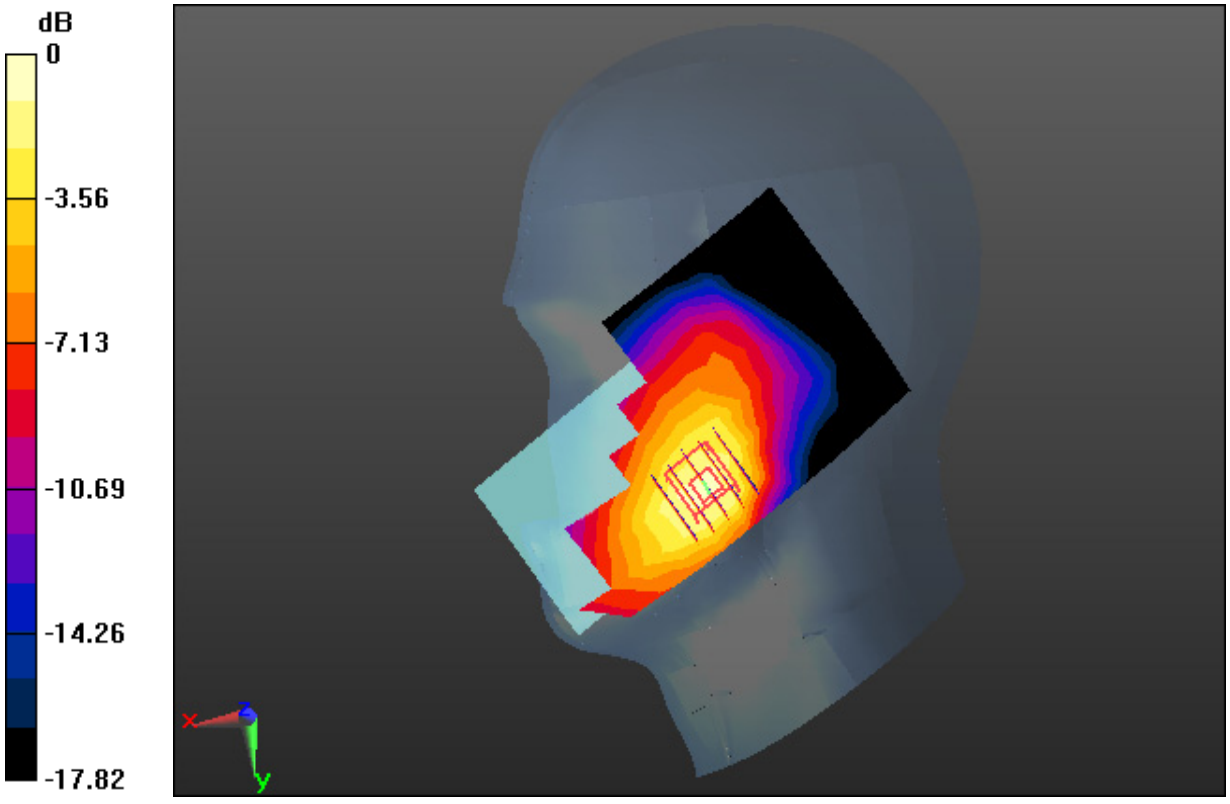
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.19, 8.19, 8.19); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-20; Ambient Temp: 20.8; Tissue Temp: 20.7

Right Touch, LTE Band 2 Ch. 18900, Ant Internal, Standard Battery

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

Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.797 W/kg
SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.309 W/kg



0 dB = 0.660 W/kg

DUT: HF550; Type: Bar

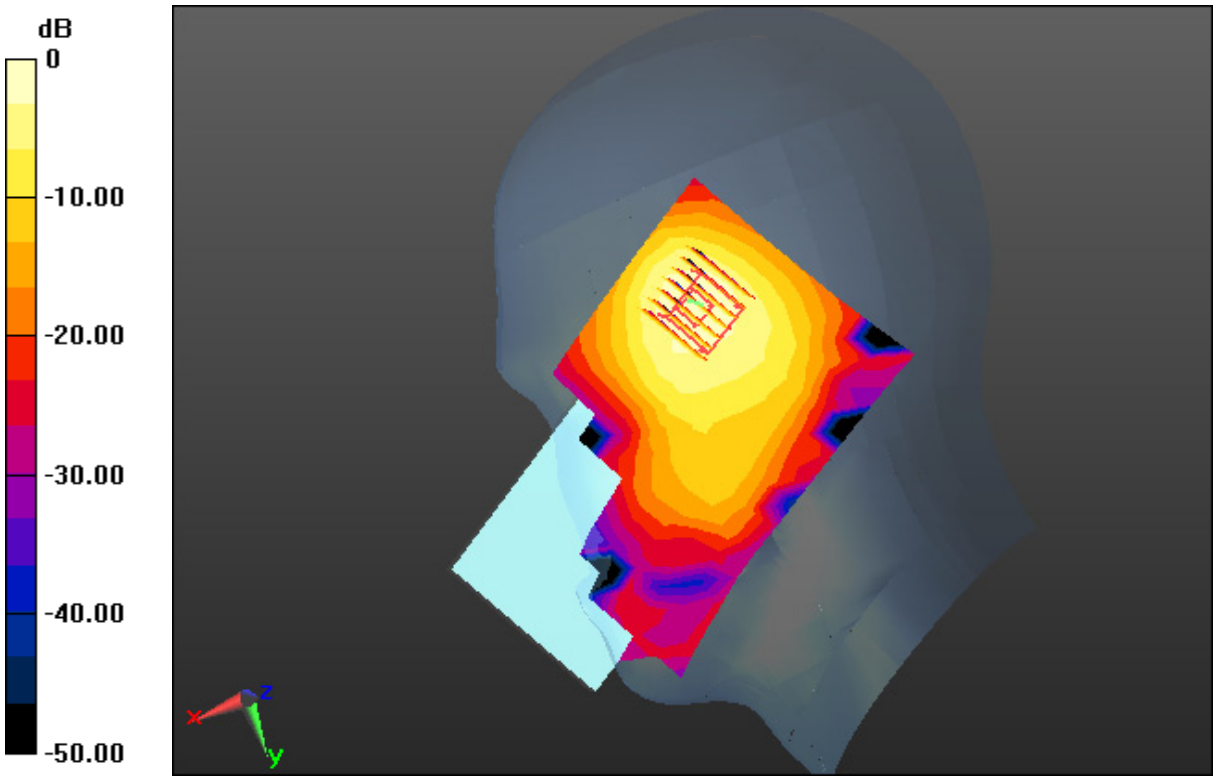
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.739 S/m; ε_r = 39.615; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.51, 7.51, 7.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-02; Ambient Temp: 22.4; Tissue Temp: 22.2

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

Area Scan (10x17x1): 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) = 0.535 W/kg
SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.124 W/kg



0 dB = 0.381 W/kg

DUT: HF550; Type: Bar

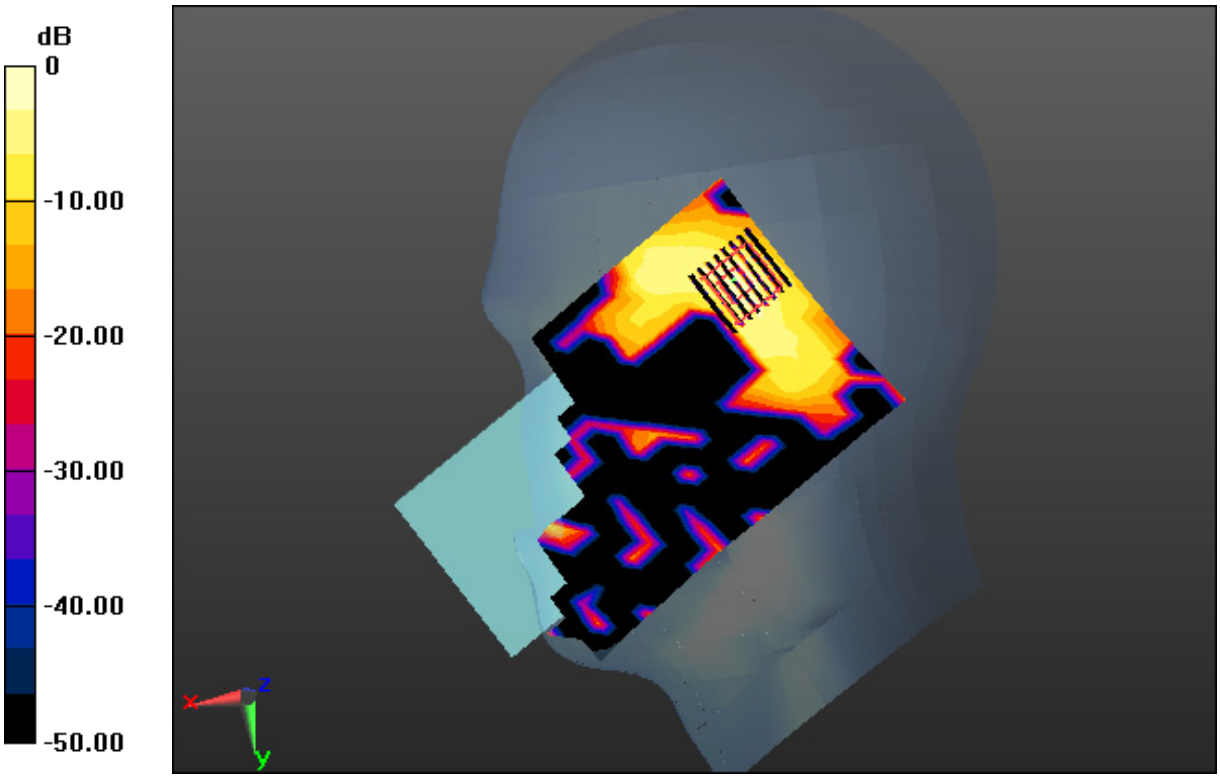
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.844 S/m; ε_r = 35.783; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.51, 5.51, 5.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-03; Ambient Temp: 21.5; Tissue Temp: 21.4

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

Area Scan (12x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.010 W/kg



0 dB = 0.109 W/kg

DUT: HF550; Type: Bar

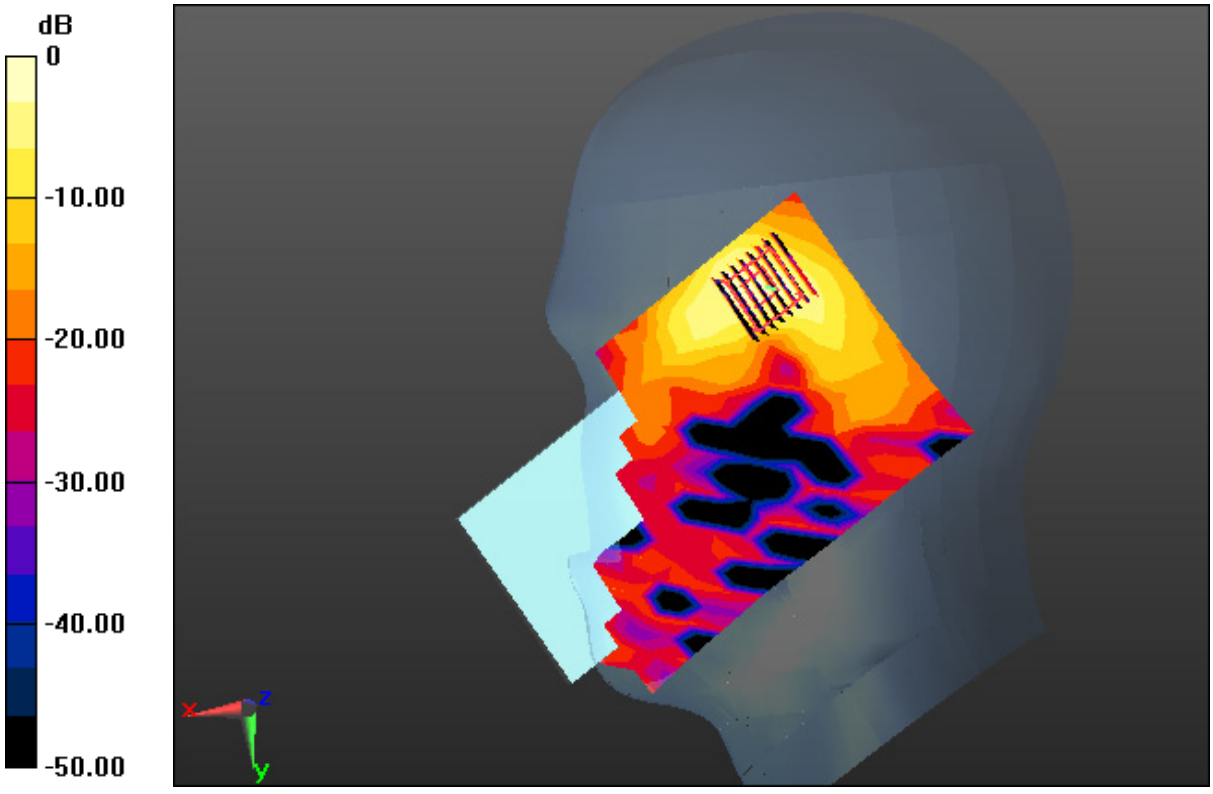
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.033 S/m; ε_r = 35.179; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.14, 5.14, 5.14); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-04; Ambient Temp: 20.6; Tissue Temp: 20.5

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

Area Scan (12x21x1): 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) = 1.20 W/kg
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.100 W/kg



0 dB = 0.747 W/kg

DUT: HF550; Type: Bar

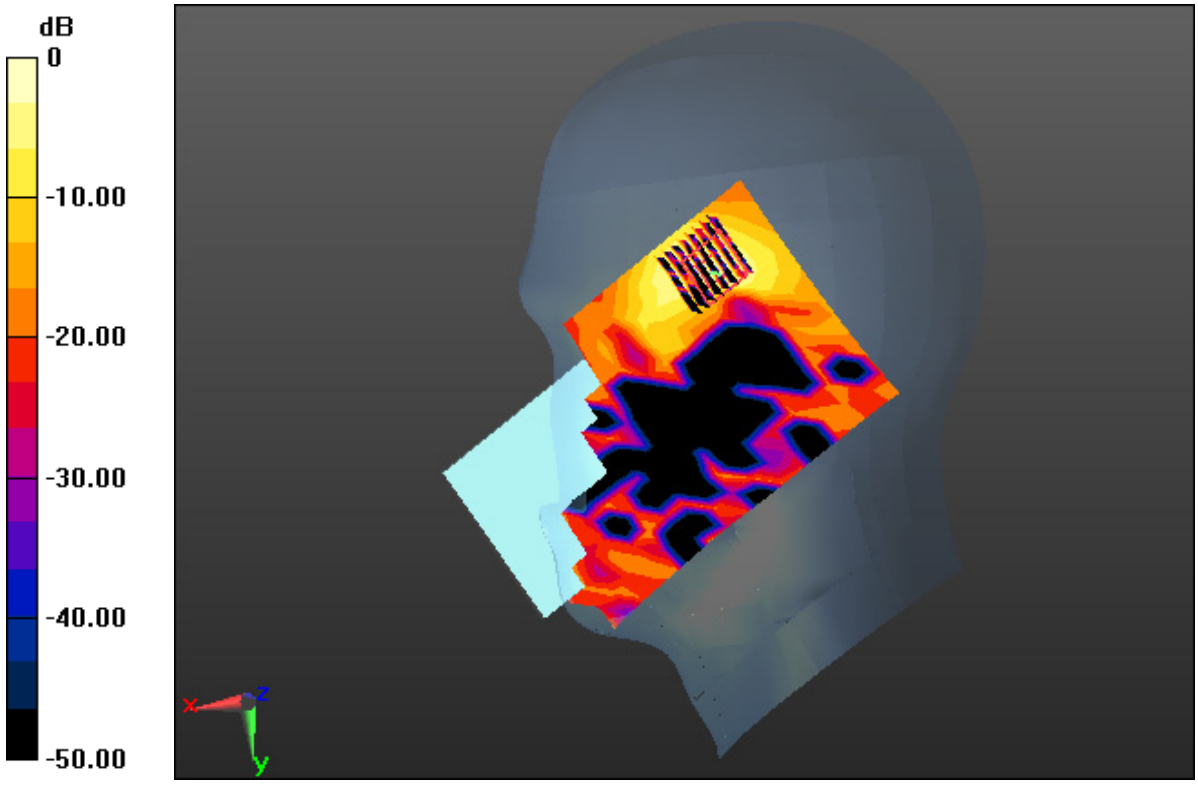
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.31 S/m; ε_r = 34.749; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5, 5, 5); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-04; Ambient Temp: 20.6; Tissue Temp: 20.5

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

Area Scan (12x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.303 W/kg

DUT: HF550; Type: Bar

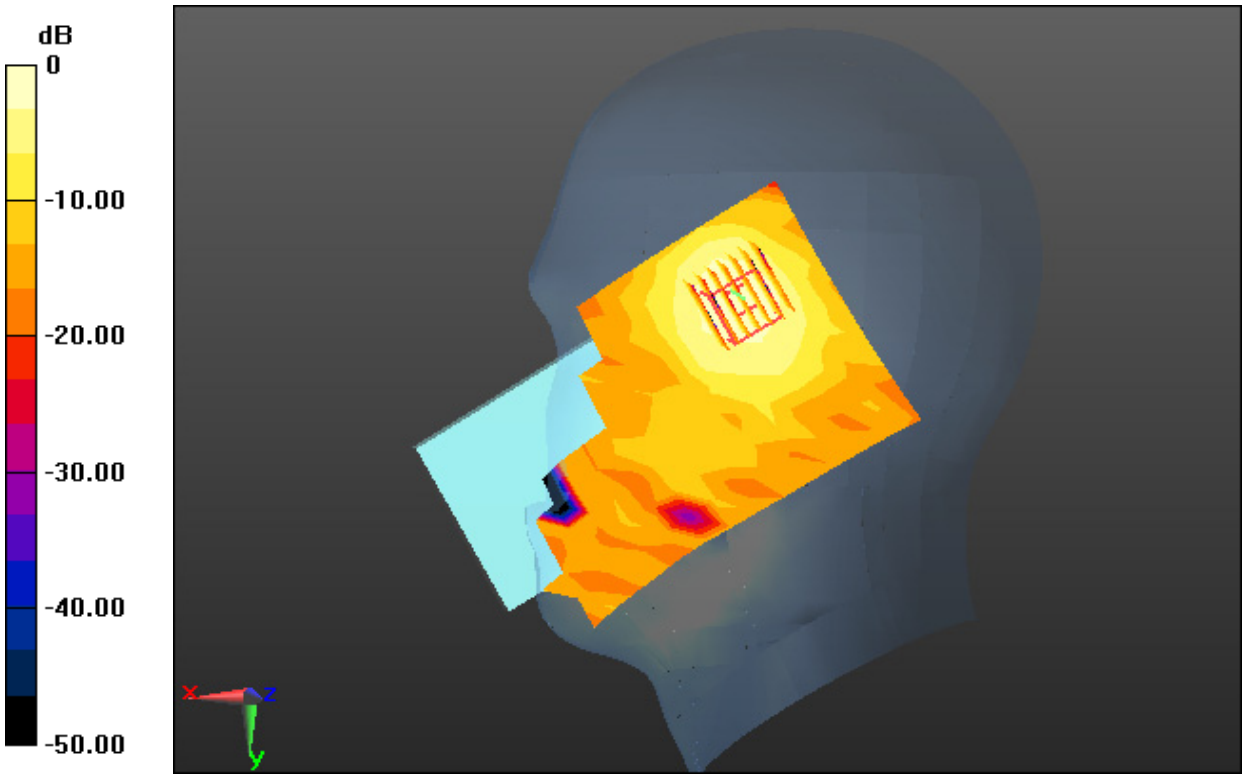
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.743 S/m; ε_r = 39.605; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.51, 7.51, 7.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-02; Ambient Temp: 22.4; Tissue Temp: 22.2

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

Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0860 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.018 W/kg



0 dB = 0.0582 W/kg

DUT: HF550; Type: Bar

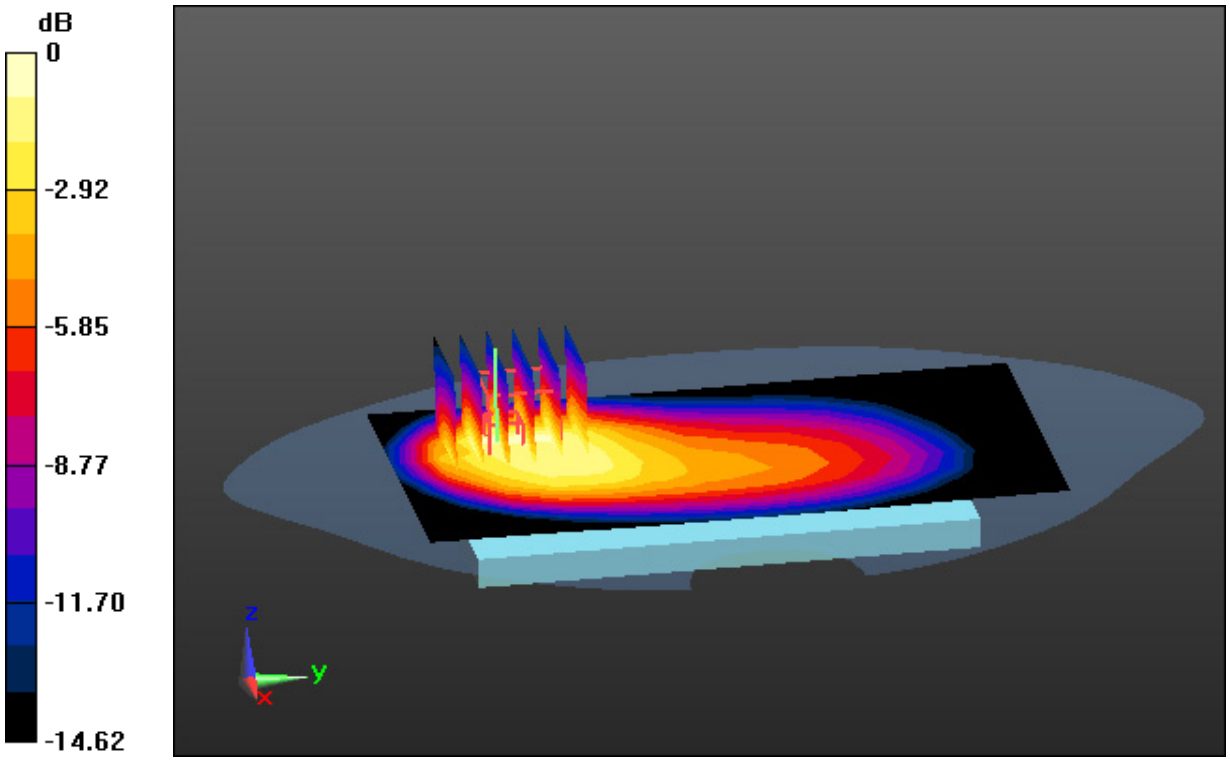
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.91 S/m; ε_r = 42.665; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-27; Ambient Temp: 20.9; Tissue Temp: 20.8

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.212 W/kg



0 dB = 0.431 W/kg

DUT: HF550; Type: Bar

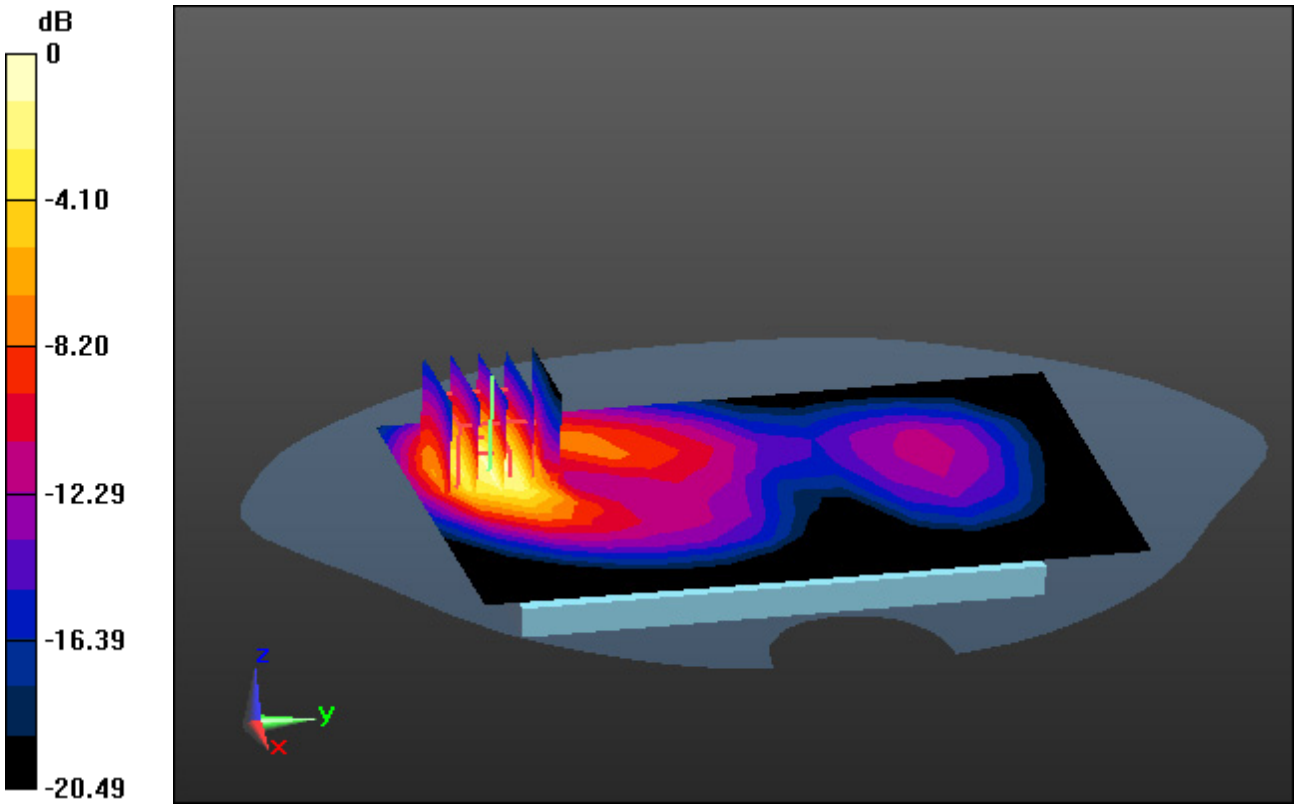
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1752.6 MHz; σ = 1.35 S/m; ε_r = 39.568; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.48, 8.48, 8.48); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-21; Ambient Temp: 22.7; Tissue Temp: 22.6

1 cm space from Body, Rear, WCDMA Band 4 Ch. 1513, 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) = 1.51 W/kg
SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.355 W/kg



0 dB = 1.17 W/kg

DUT: HF550; Type: Bar

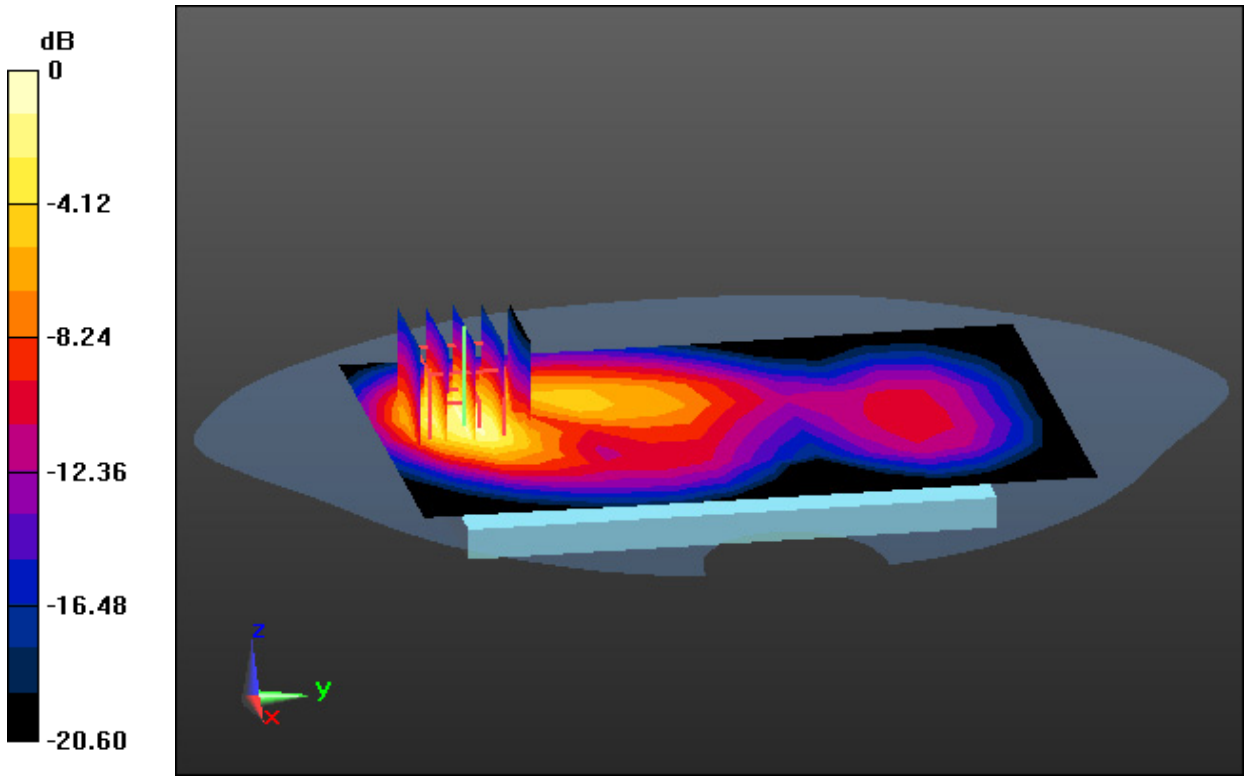
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.354 S/m; ε_r = 39.242; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.19, 8.19, 8.19); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-20; Ambient Temp: 20.8; Tissue Temp: 20.7

1 cm space from Body, Rear, WCDMA Band 2 Ch. 9262, 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 = -0.05 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.389 W/kg



0 dB = 1.23 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 680.5 MHz; σ = 0.914 S/m; ε_r = 42.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

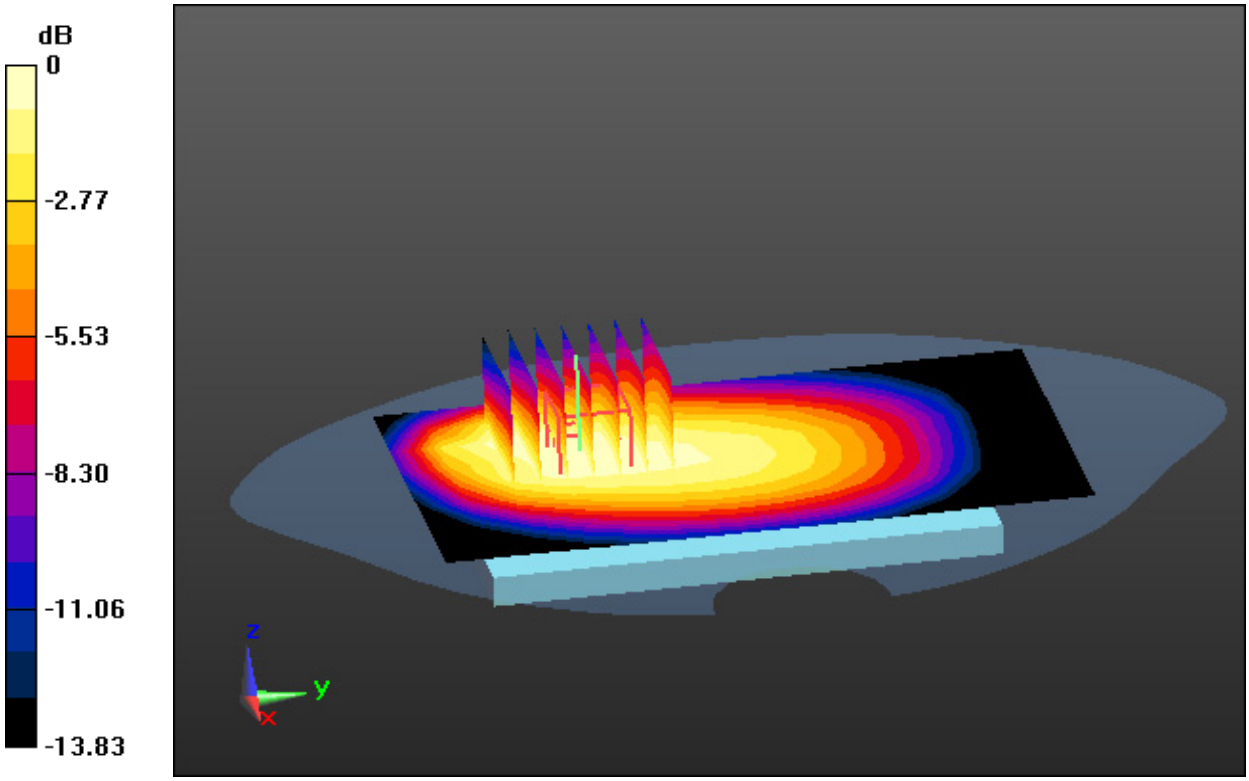
DASY5 Configuration:
Probe: ET3DV6R - SN1703; ConvF(7.1, 7.1, 7.1); Calibrated: 7/31/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-30; Ambient Temp: 21.8; Tissue Temp: 21.5

1 cm space from Body, Rear, LTE Band 71 Ch. 133297, Ant Internal

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.132 W/kg



0 dB = 0.198 W/kg

DUT: HF550; 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 = 0.864 S/m; ε_r = 42.199; ρ = 1000 kg/m^3
Phantom section: Flat Section

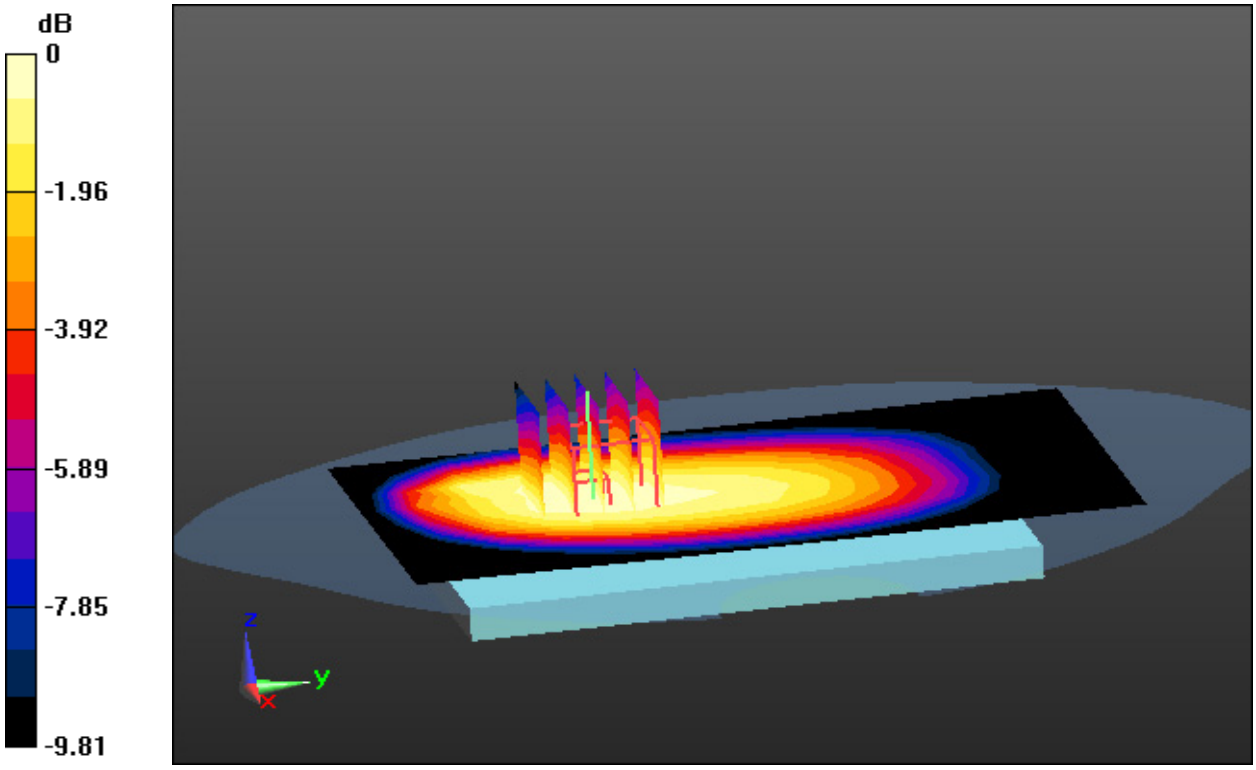
DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.7

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 = 0.04 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.196 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.928 S/m; ε_r = 41.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

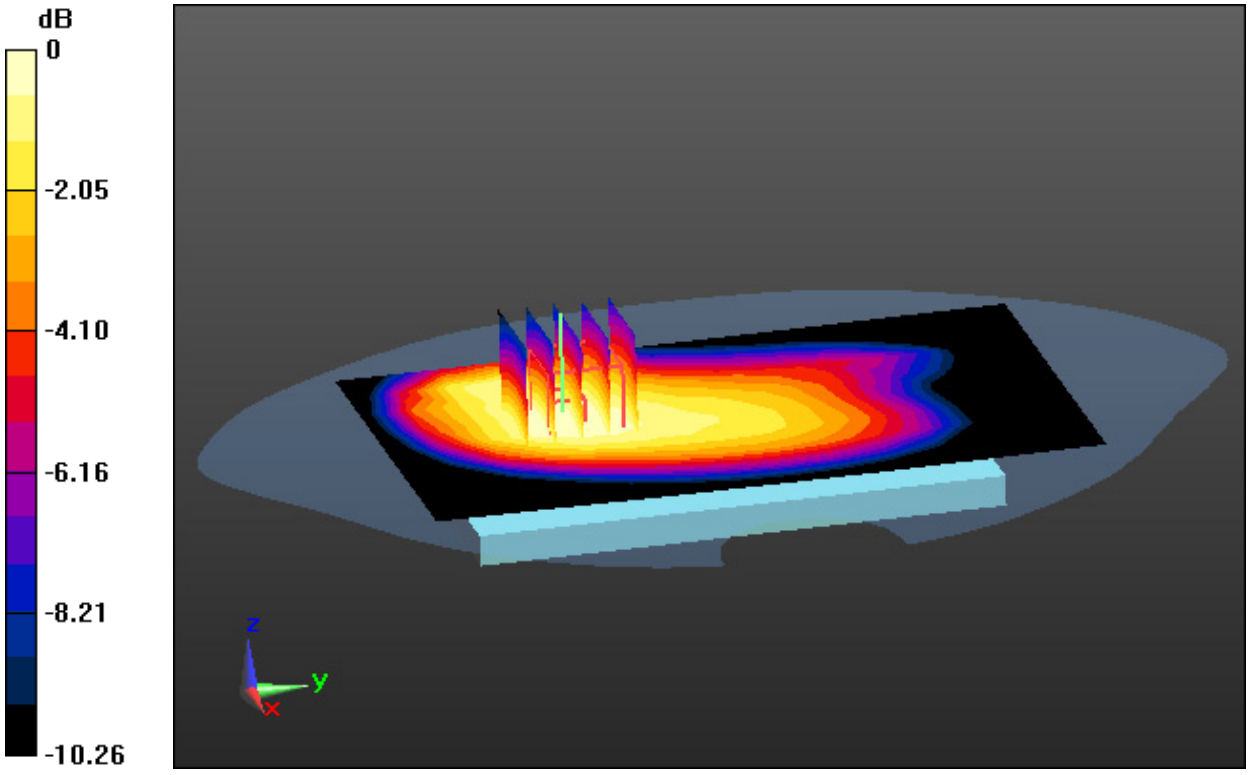
DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.7

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 = -0.08 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.200 W/kg



0 dB = 0.303 W/kg

DT&C Co., Ltd

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 5 (FCC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.91 S/m; ε_r = 42.669; ρ = 1000 kg/m^3
Phantom section: Flat Section

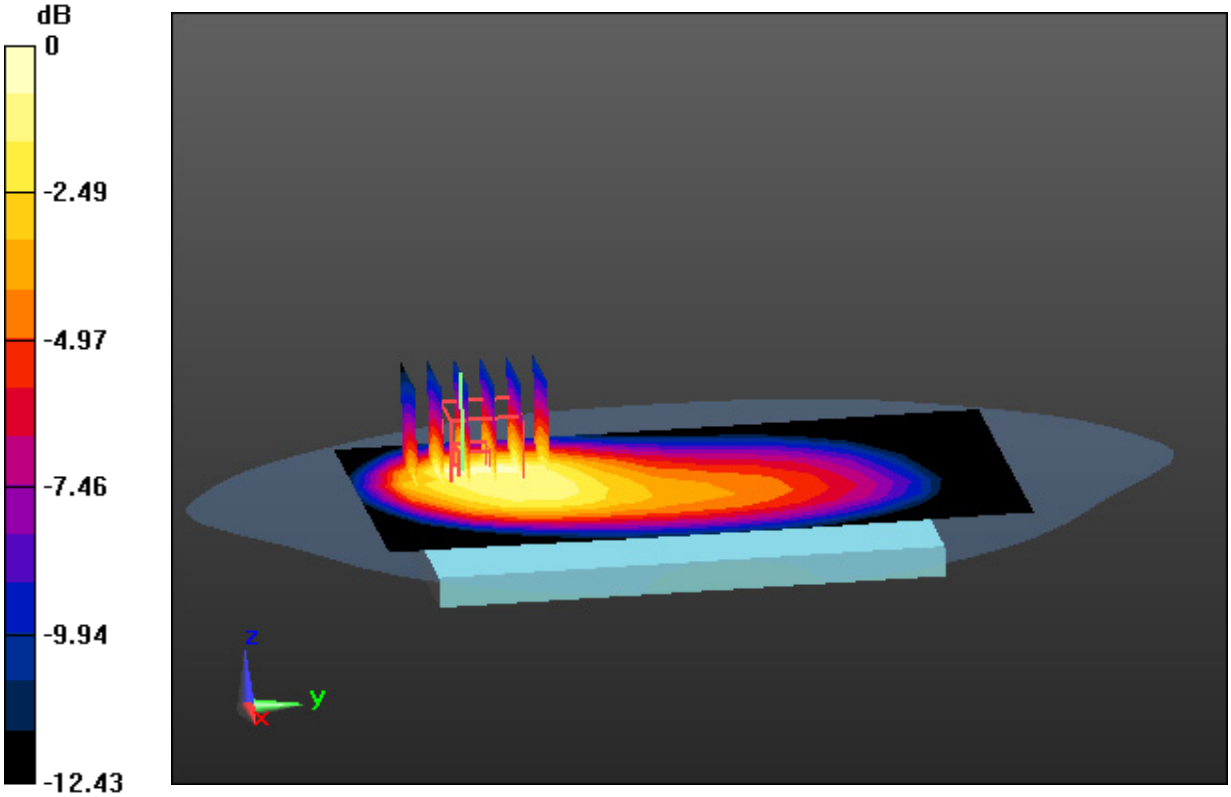
DASY5 Configuration:
Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-27; Ambient Temp: 20.9; Tissue Temp: 20.8

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 = 0.00 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.258 W/kg



0 dB = 0.422 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 39.602; ρ = 1000 kg/m^3
Phantom section: Flat Section

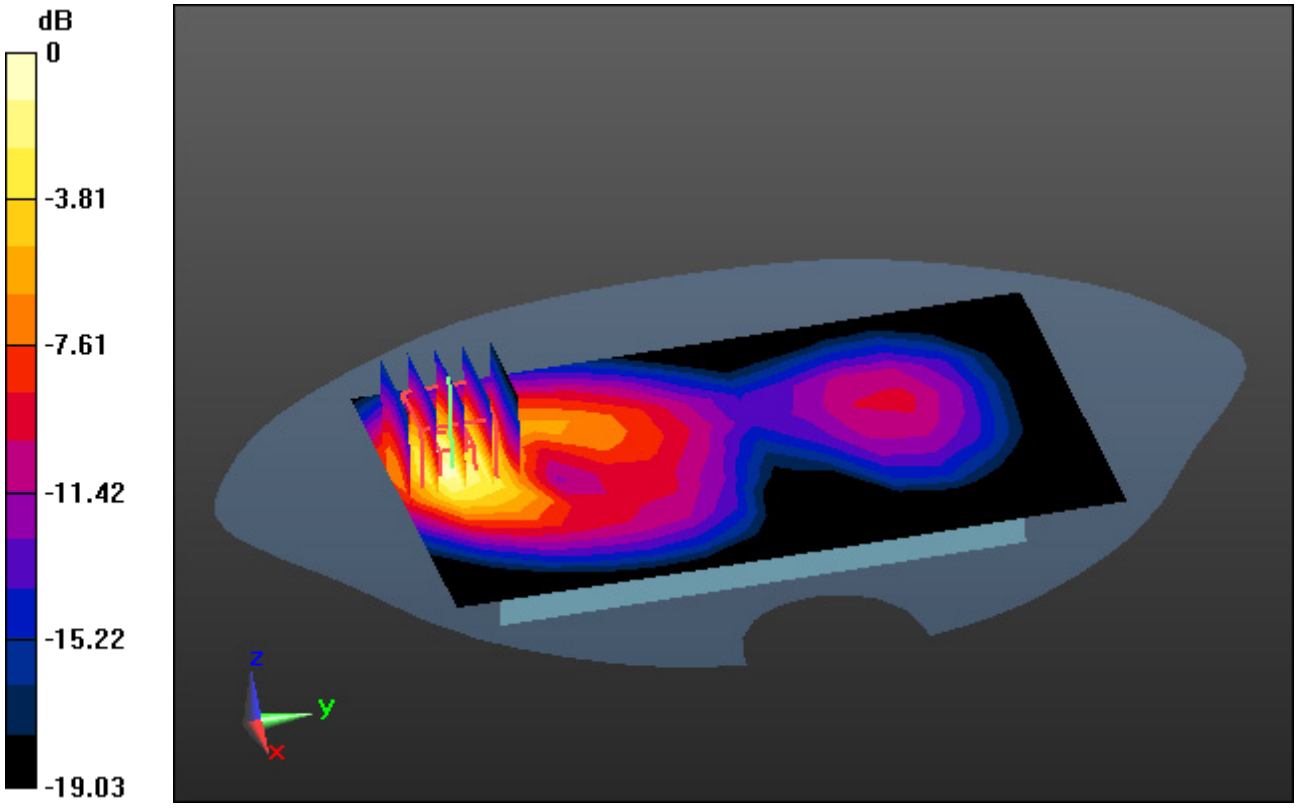
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.48, 8.48, 8.48); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-21; Ambient Temp: 22.7; Tissue Temp: 22.6

1 cm space from Body, Rear, LTE Band 66 Ch. 132322, 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 = 0.10 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.311 W/kg



0 dB = 0.852 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.381 S/m; ε_r = 39.156; ρ = 1000 kg/m^3
Phantom section: Flat Section

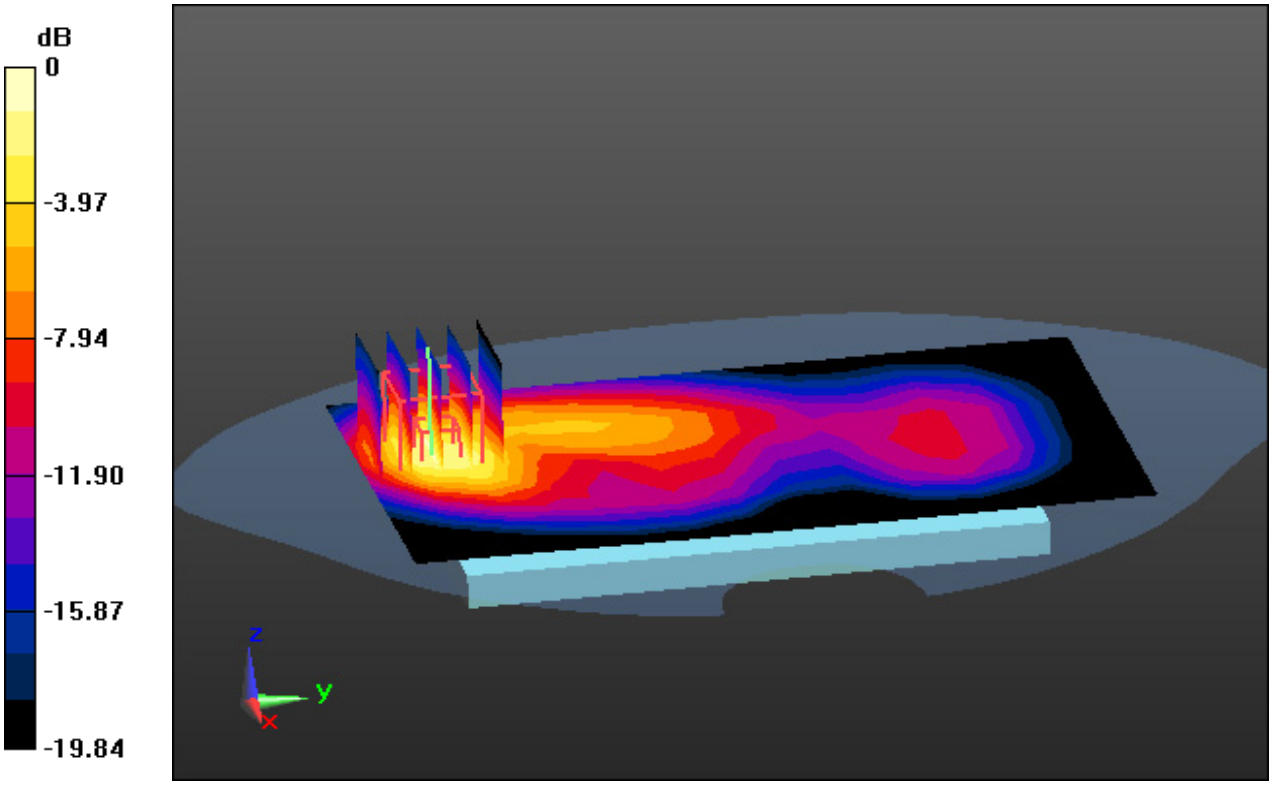
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.19, 8.19, 8.19); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-20; Ambient Temp: 20.8; Tissue Temp: 20.7

1 cm space from Body, Rear, LTE Band 2 Ch. 18900, 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 = 0.07 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.460 W/kg



0 dB = 1.58 W/kg

DUT: HF550; Type: Bar

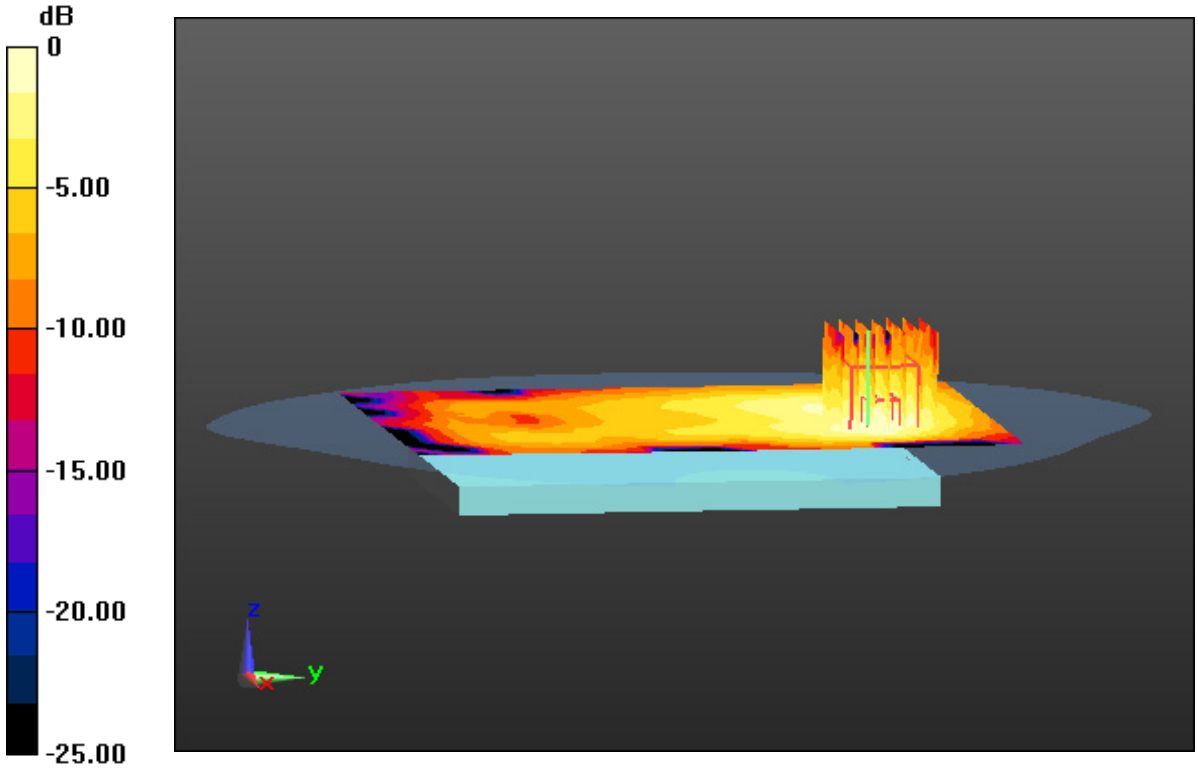
Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.739 S/m; ε_r = 39.615; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.51, 7.51, 7.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-02; Ambient Temp: 22.4; Tissue Temp: 22.2

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.185 W/kg

DUT: HF550; Type: Bar

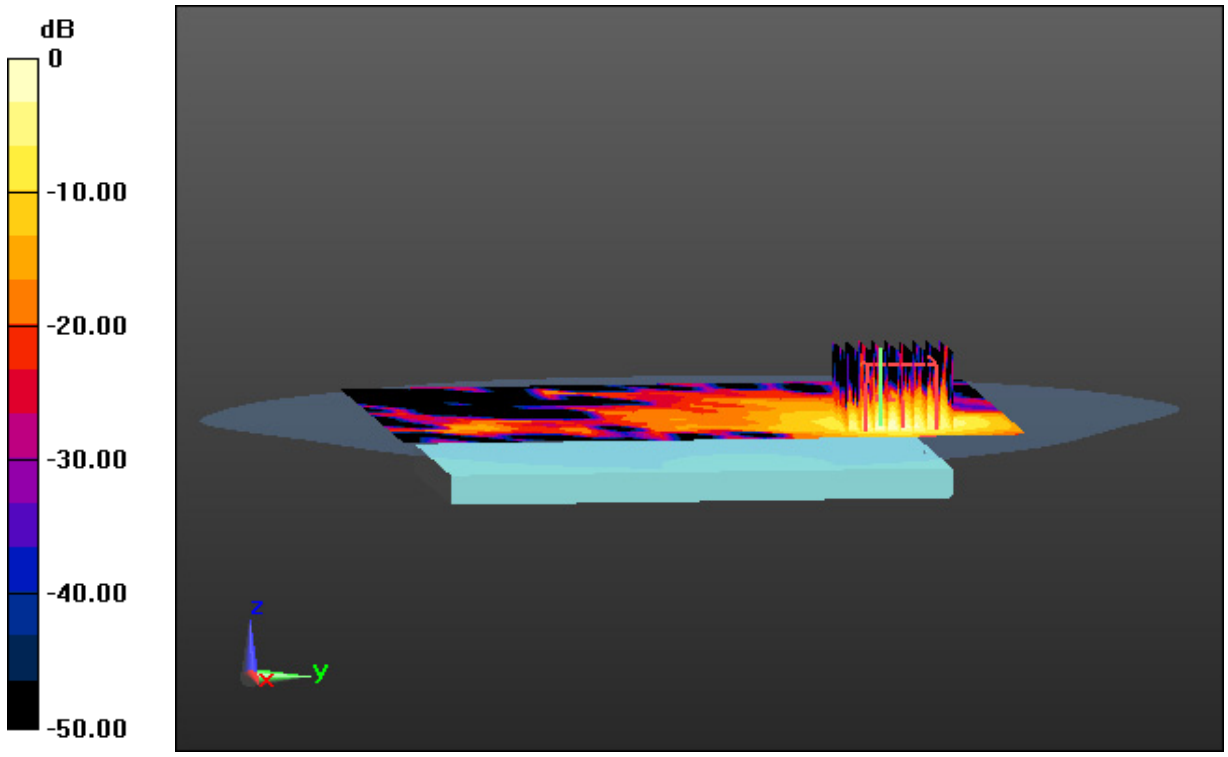
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.844 S/m; ε_r = 35.783; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.51, 5.51, 5.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-03; Ambient Temp: 21.5; Tissue Temp: 21.4

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

Area Scan (14x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.290 W/kg

DUT: HF550; Type: Bar

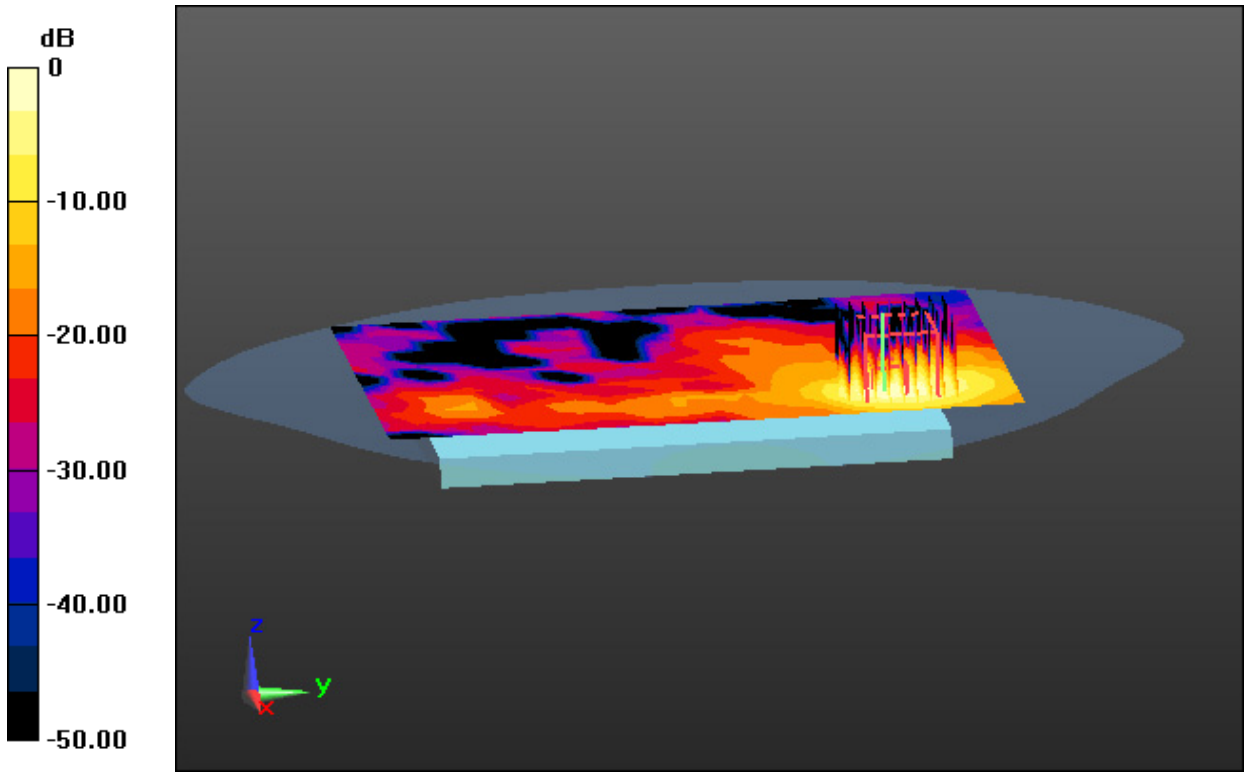
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.033 S/m; ε_r = 35.179; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.14, 5.14, 5.14); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-04; Ambient Temp: 20.6; Tissue Temp: 20.5

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

Area Scan (14x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.177 W/kg



0 dB = 1.28 W/kg

DUT: HF550; Type: Bar

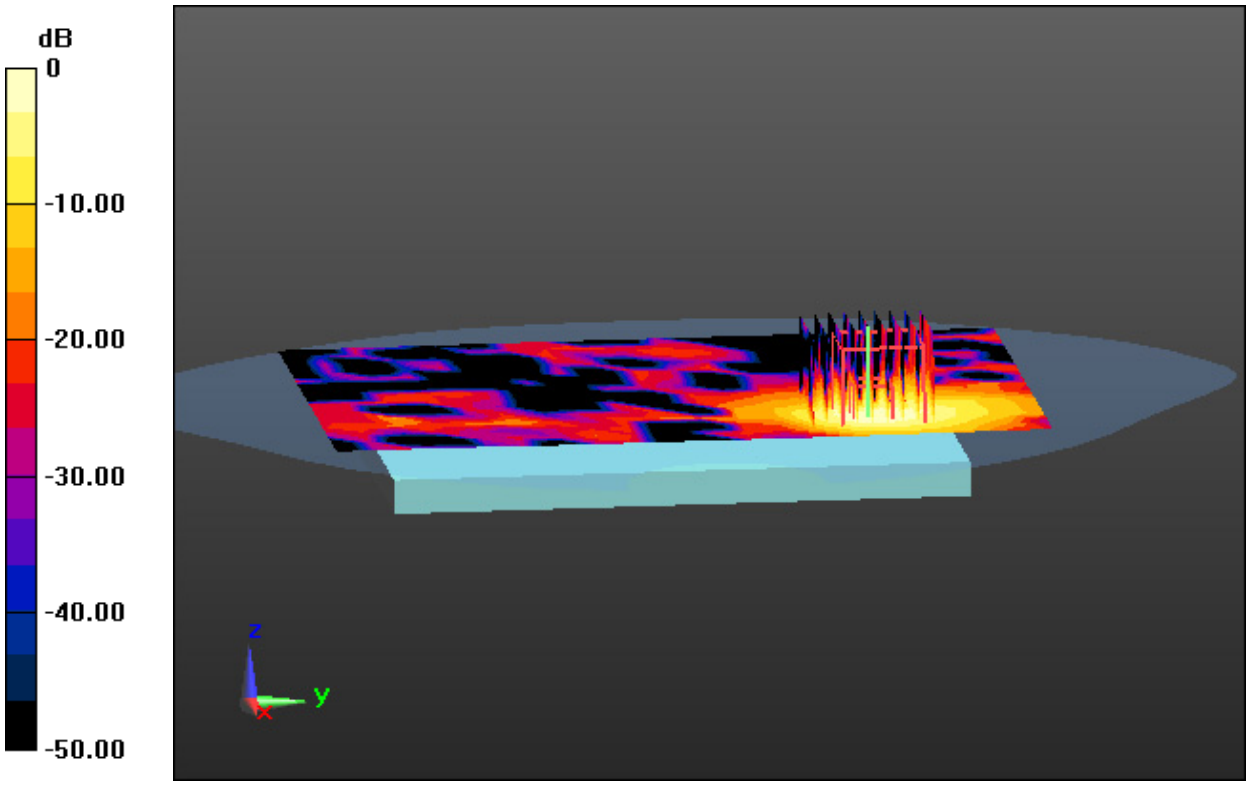
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.31 S/m; ε_r = 34.749; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5, 5, 5); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-04; Ambient Temp: 20.6; Tissue Temp: 20.5

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

Area Scan (14x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.496 W/kg

DUT: HF550; Type: Bar

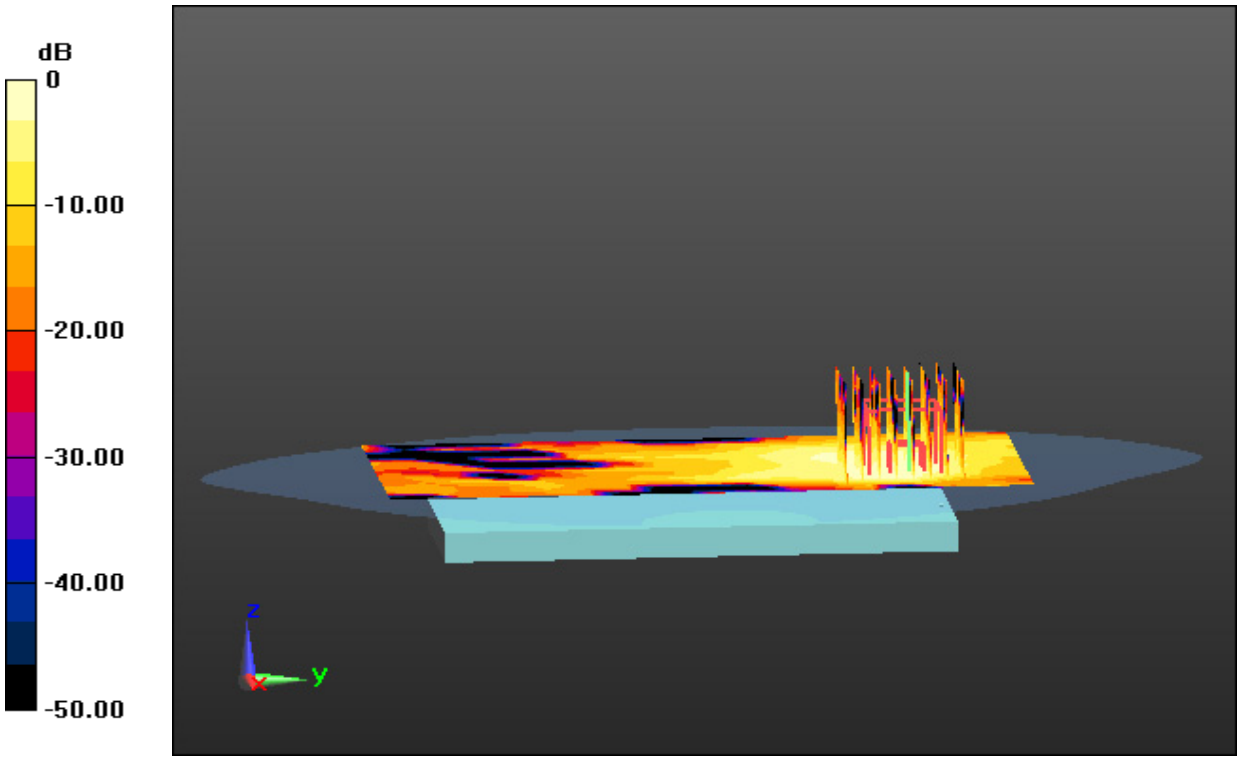
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.743 S/m; ε_r = 39.605; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.51, 7.51, 7.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-02; Ambient Temp: 22.4; Tissue Temp: 22.2

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan 2 (10x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0360 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.006 W/kg



0 dB = 0.0253 W/kg

DUT: HF550; Type: Bar

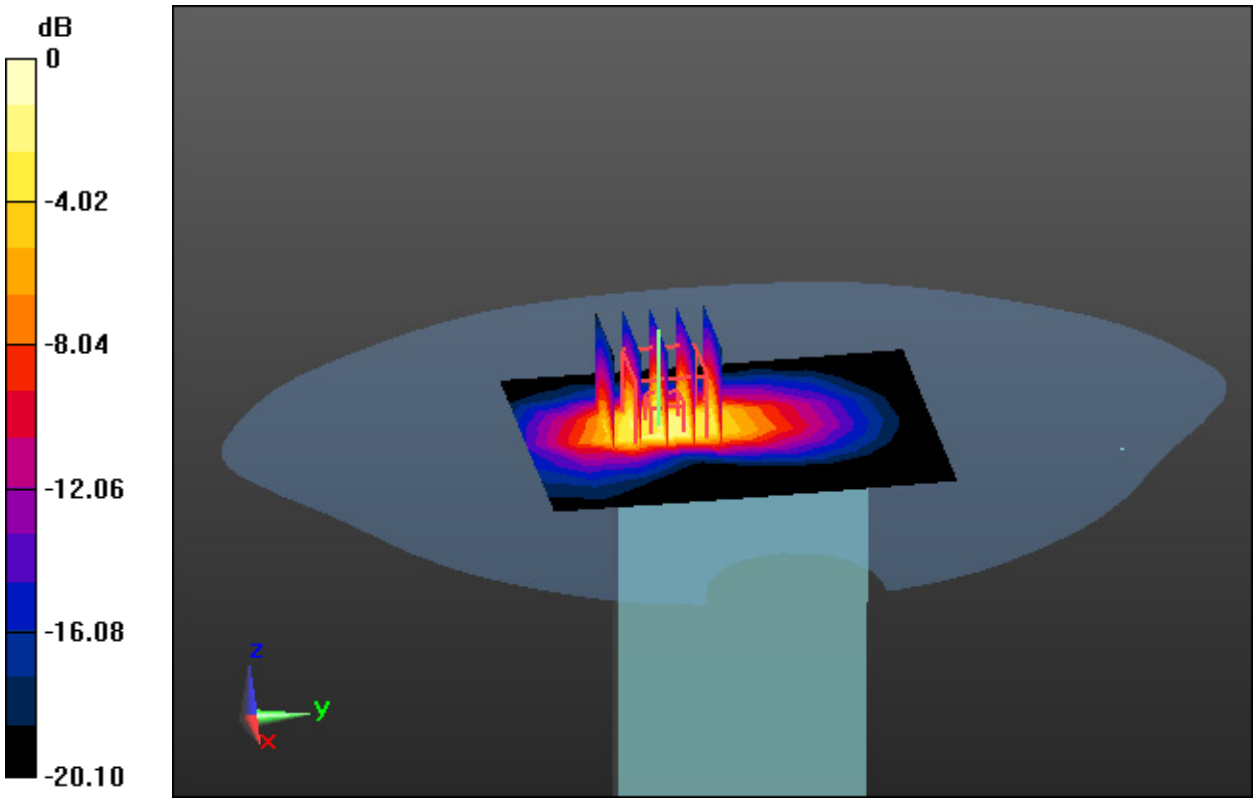
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1752.6 MHz; σ = 1.35 S/m; ε_r = 39.568; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.48, 8.48, 8.48); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-21; Ambient Temp: 22.7; Tissue Temp: 22.6

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

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.453 W/kg



0 dB = 1.45 W/kg

DUT: HF550; Type: Bar

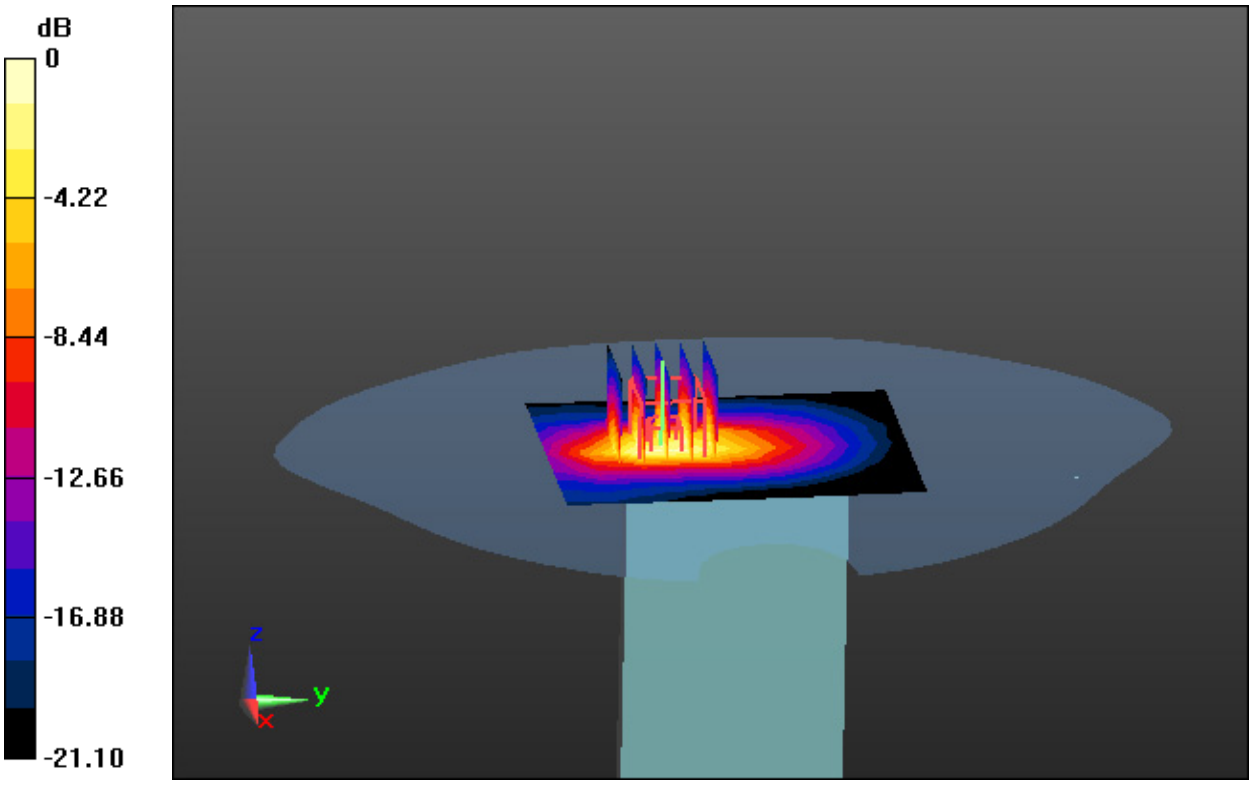
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.354 S/m; ε_r = 39.242; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.19, 8.19, 8.19); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-10-20; Ambient Temp: 20.8; Tissue Temp: 20.7

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

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.472 W/kg



0 dB = 1.68 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 39.602; ρ = 1000 kg/m^3
Phantom section: Flat Section

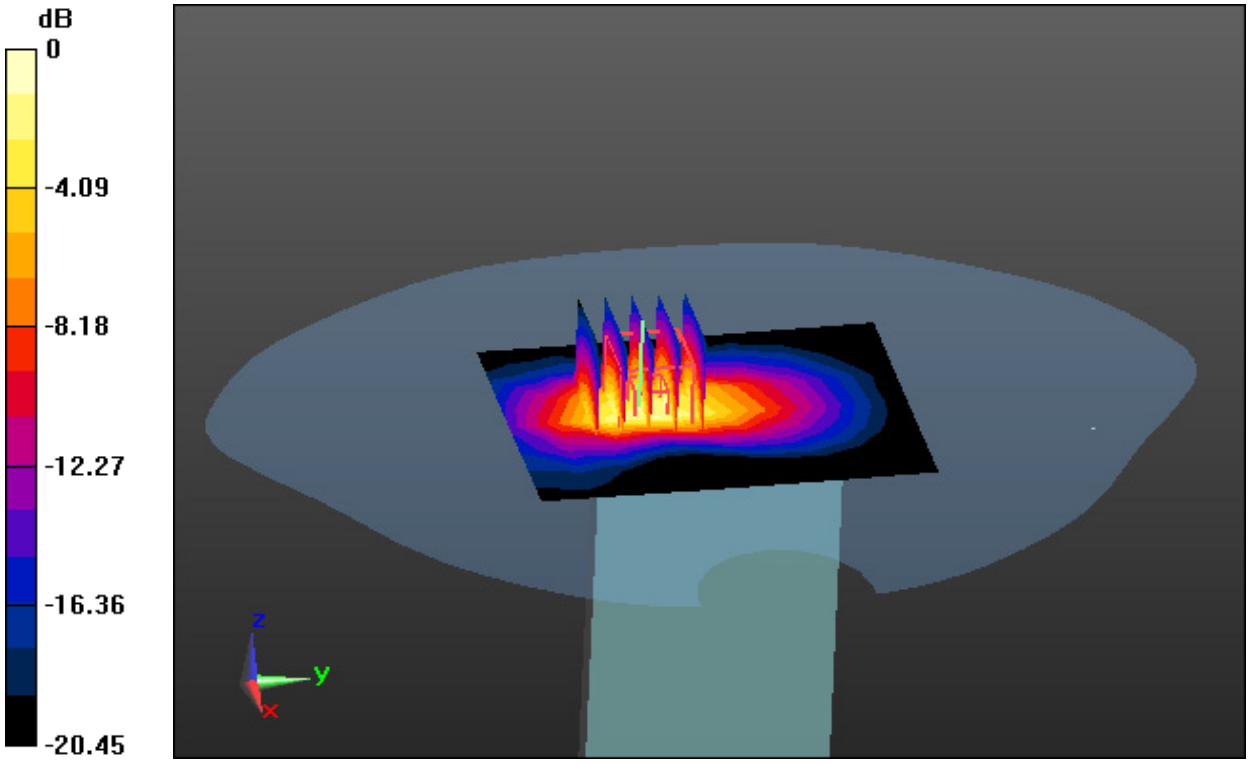
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.48, 8.48, 8.48); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-21; Ambient Temp: 22.7; Tissue Temp: 22.6

1 cm space from Body, Bottom, LTE Band 66 Ch. 132322, Ant Internal

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

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.504 W/kg



0 dB = 1.51 W/kg

DUT: HF550; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.381 S/m; ε_r = 39.156; ρ = 1000 kg/m^3
Phantom section: Flat Section

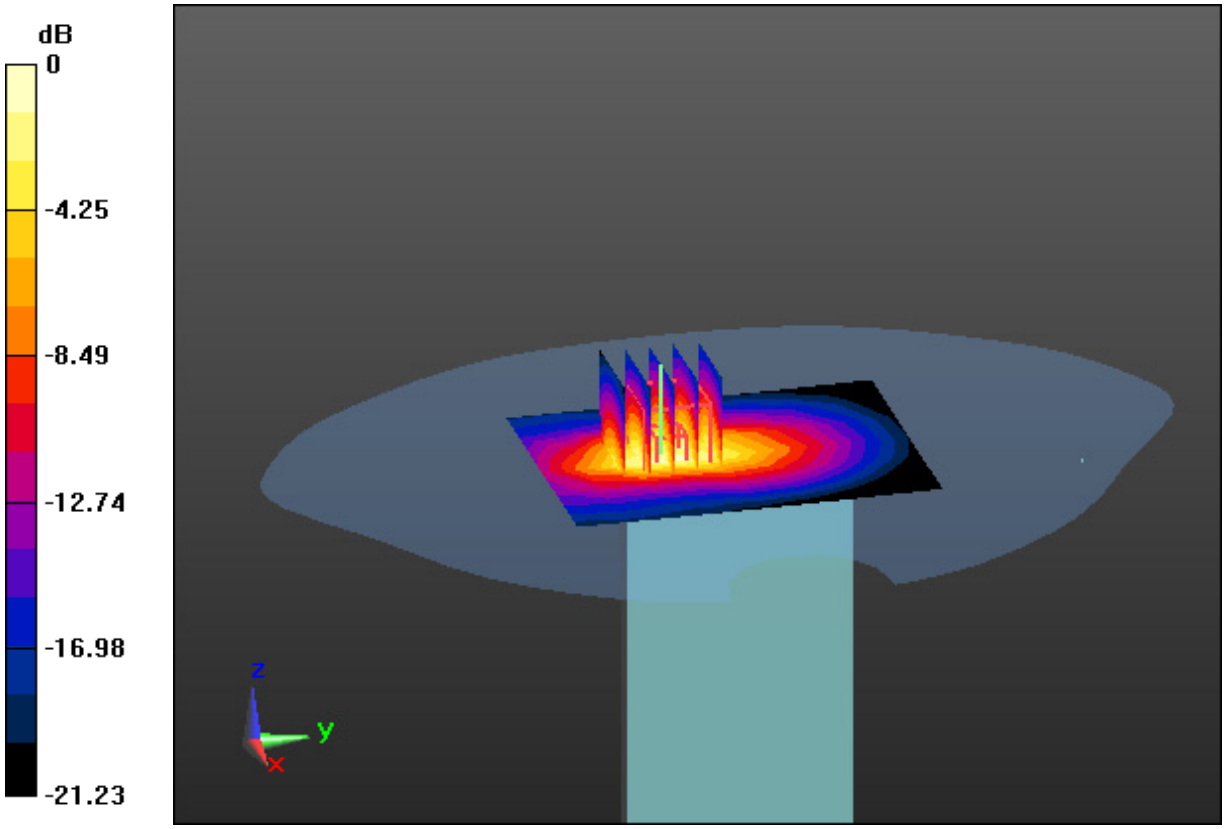
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.19, 8.19, 8.19); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-20; Ambient Temp: 20.8; Tissue Temp: 20.7

1 cm space from Body, Bottom, LTE Band 2 Ch. 18900, Ant Internal

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

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.509 W/kg



0 dB = 1.53 W/kg

DUT: HF550; Type: Bar

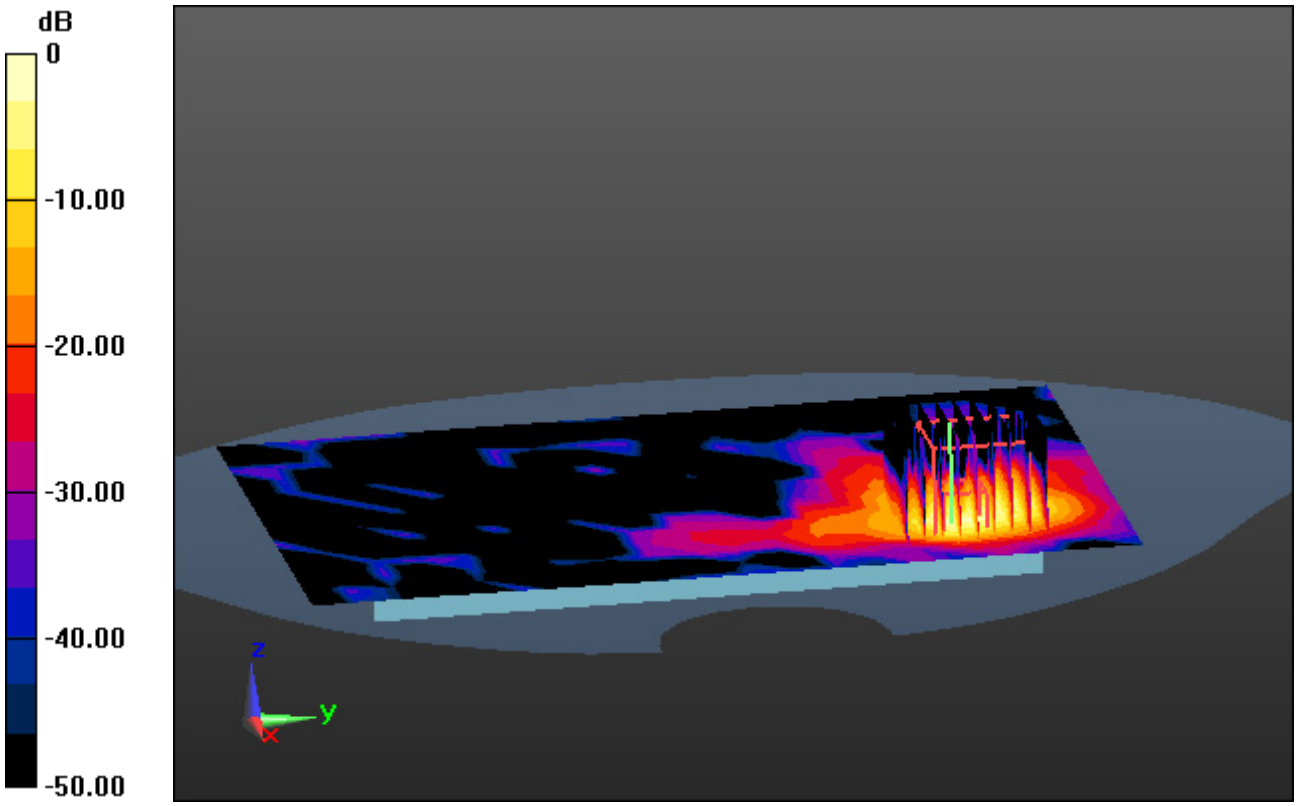
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.844 S/m; ε_r = 35.783; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.51, 5.51, 5.51); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-03; Ambient Temp: 21.5; Tissue Temp: 21.4

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

Area Scan (14x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.08 dB
Peak SAR (extrapolated) = 6.09 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.270 W/kg



0 dB = 3.45 W/kg

DUT: HF550; Type: Bar

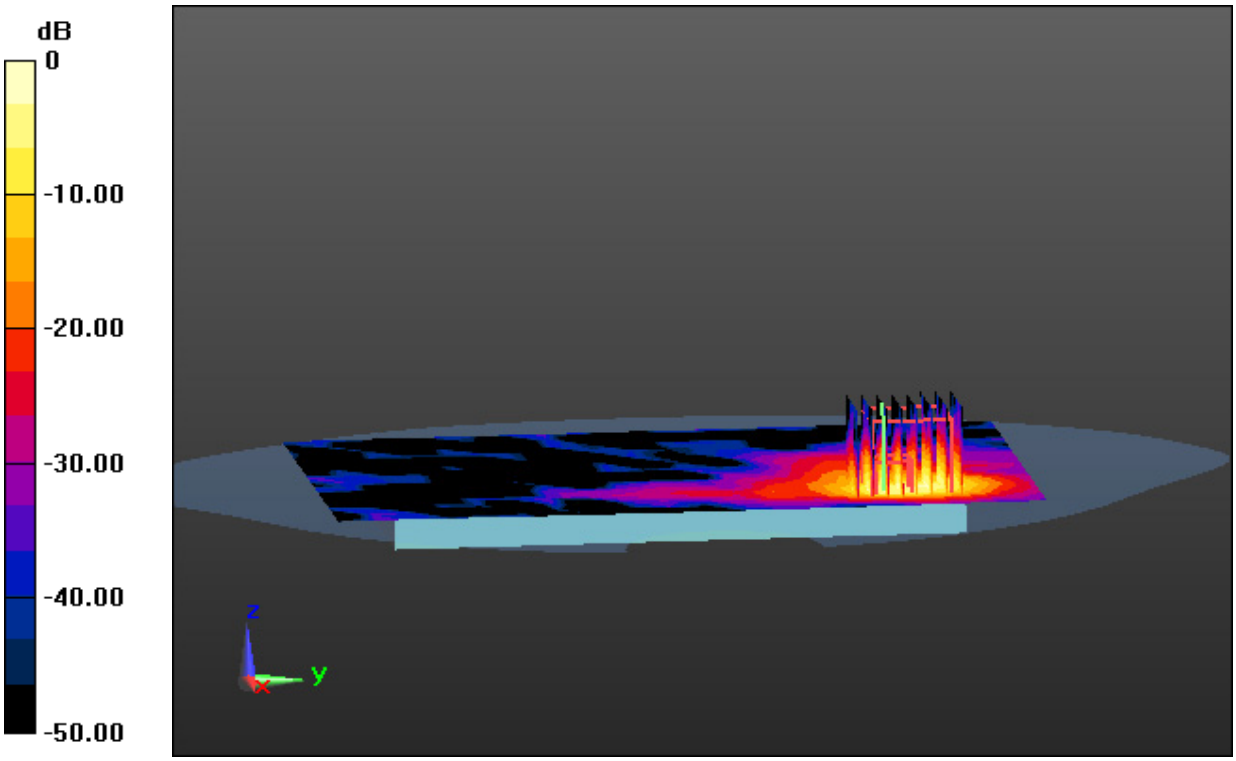
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.033 S/m; ε_r = 35.179; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.14, 5.14, 5.14); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-04; Ambient Temp: 20.6; Tissue Temp: 20.5

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

Area Scan (14x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 27.0 W/kg
SAR(1 g) = 4.26 W/kg; SAR(10 g) = 1.22 W/kg



0 dB = 12.5 W/kg

DUT: HF550; Type: Bar

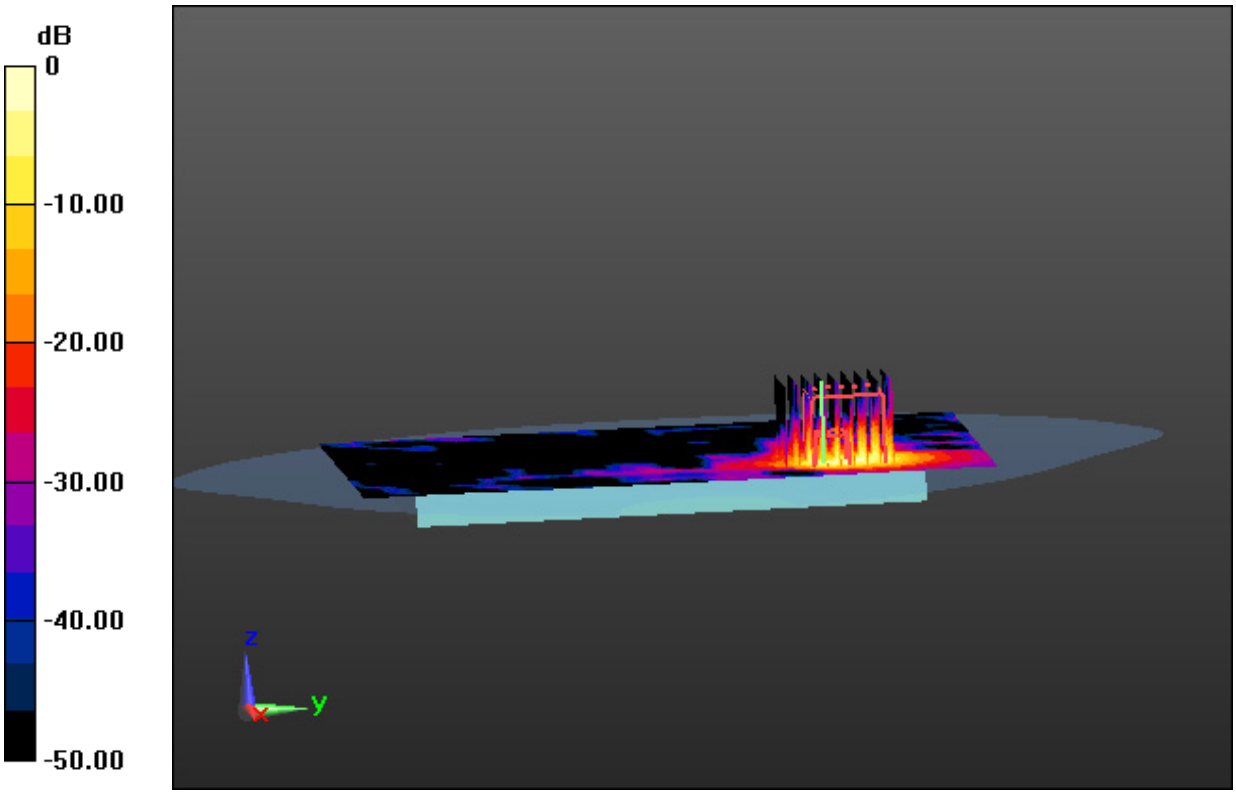
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.31 S/m; ε_r = 34.749; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5, 5, 5); Calibrated: 9/23/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM 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: 2020-11-04; Ambient Temp: 20.6; Tissue Temp: 20.5

Touch from Body, Rear, WLAN(802.11a) Ch. 149, Ant Internal

Area Scan (14x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 11.0 W/kg
SAR(1 g) = 1.68 W/kg; SAR(10 g) = 0.490 W/kg



0 dB = 5.84 W/kg