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

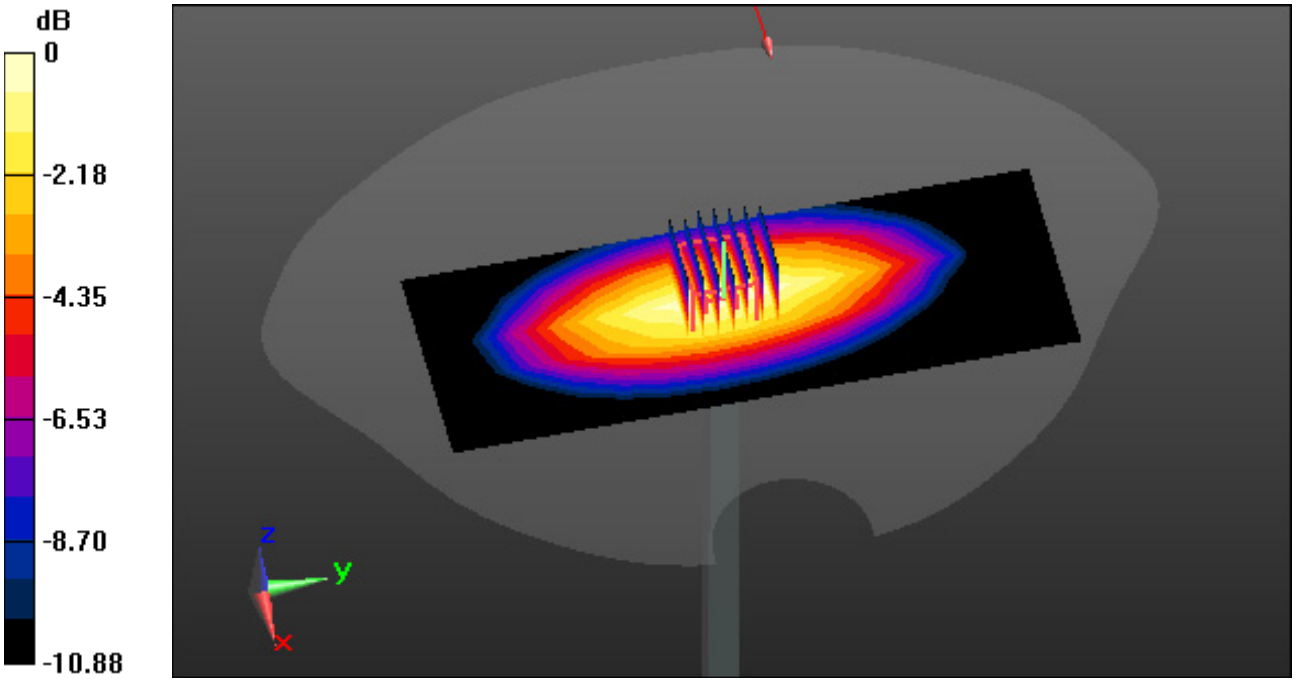
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.897 S/m; ε_r = 40.773; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.52, 9.52, 9.52) @ 750 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
hantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-14; Ambient Temp: 20.3; Tissue Temp: 20.7

750 MHz System Verification (250 mW)

Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.41 W/kg



0 dB = 2.06 W/kg

Dt&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

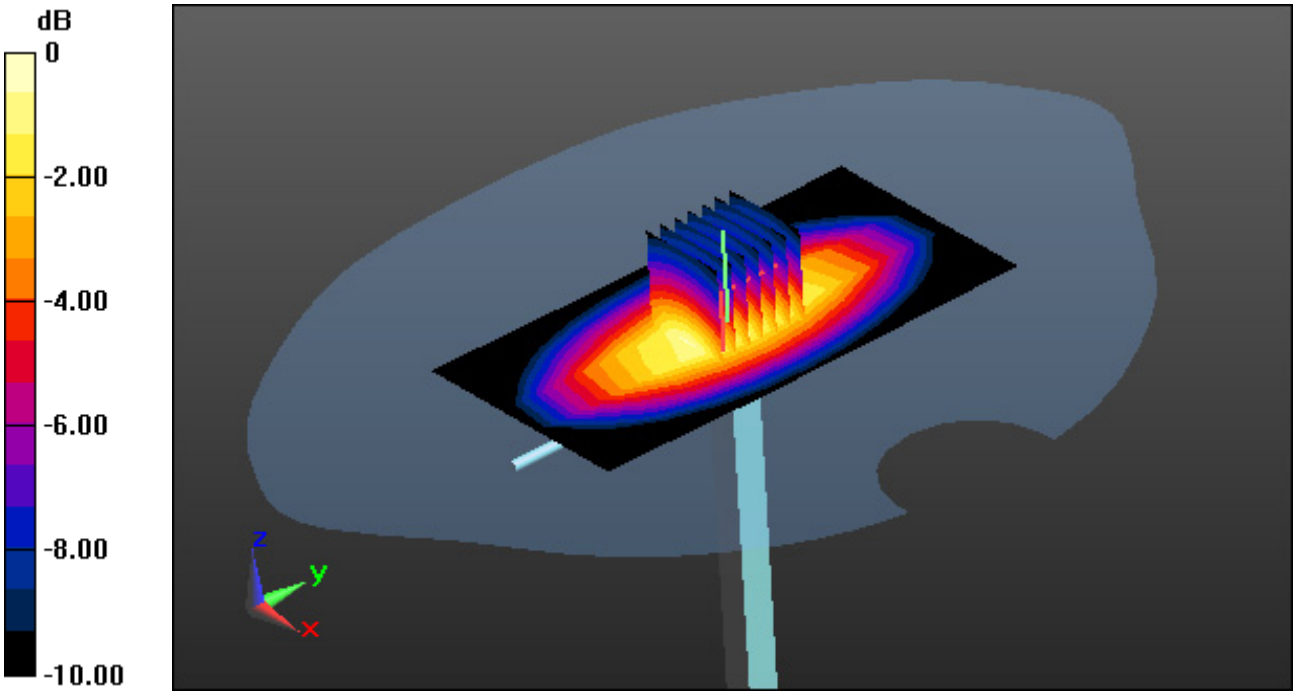
Medium parameters used: f = 835 MHz; σ = 0.884 S/m; ε_r = 41.670; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN7337; ConvF(9.23, 8.84, 9.76); Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-11; Ambient Temp: 20.8; Tissue Temp: 21.0

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 = -0.04 dB
Peak SAR (extrapolated) = 3.77 W/kg
SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.53 W/kg



0 dB = 2.59 W/kg

Dt&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

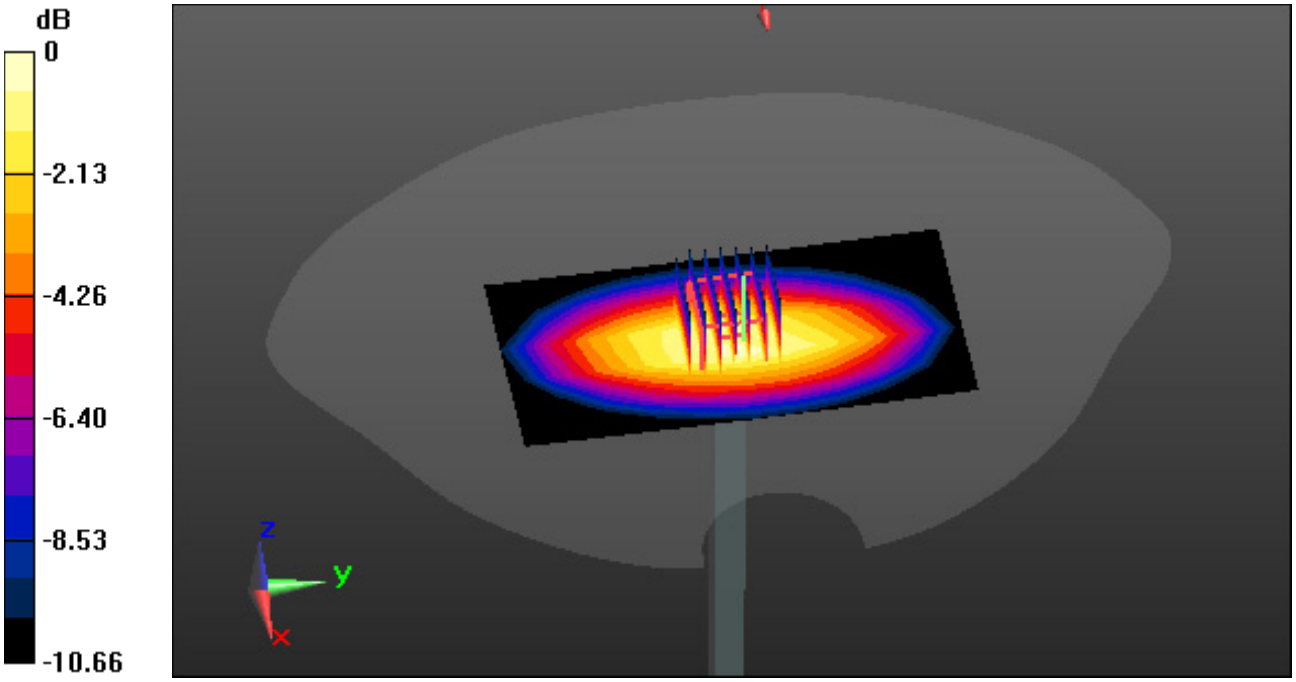
Medium parameters used: f = 835 MHz; σ = 0.930 S/m; ε_r = 40.572; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.11, 9.11, 9.11) @ 835 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-13; Ambient Temp: 20.6; Tissue Temp: 20.9

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) = 3.79 W/kg
SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.67 W/kg



0 dB = 3.22 W/kg

Dt&C Co., Ltd.

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

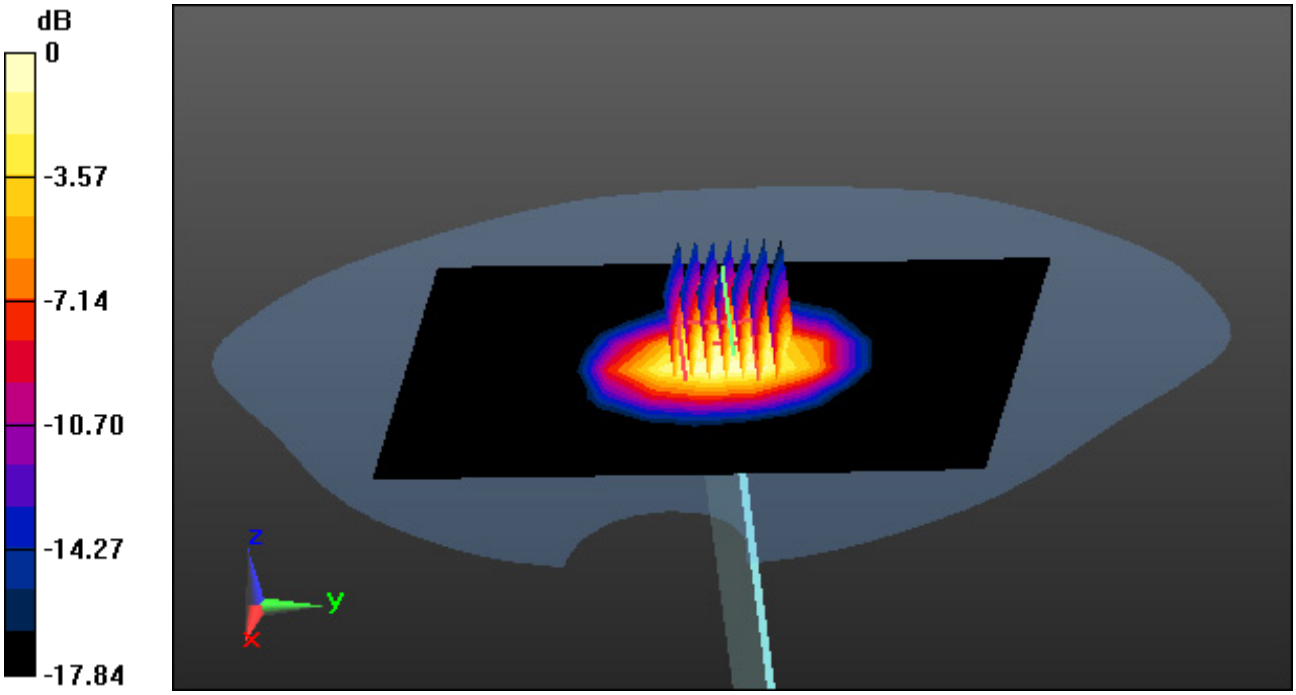
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.392 S/m; ε_r = 39.590; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.17, 7.85, 8.91) Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-13; Ambient Temp: 20.7; Tissue Temp: 20.9

1 800 MHz System Verification (100 mW)

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 6.81 W/kg
SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2.05 W/kg



0 dB = 5.01 W/kg

Dt&C Co., Ltd.

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

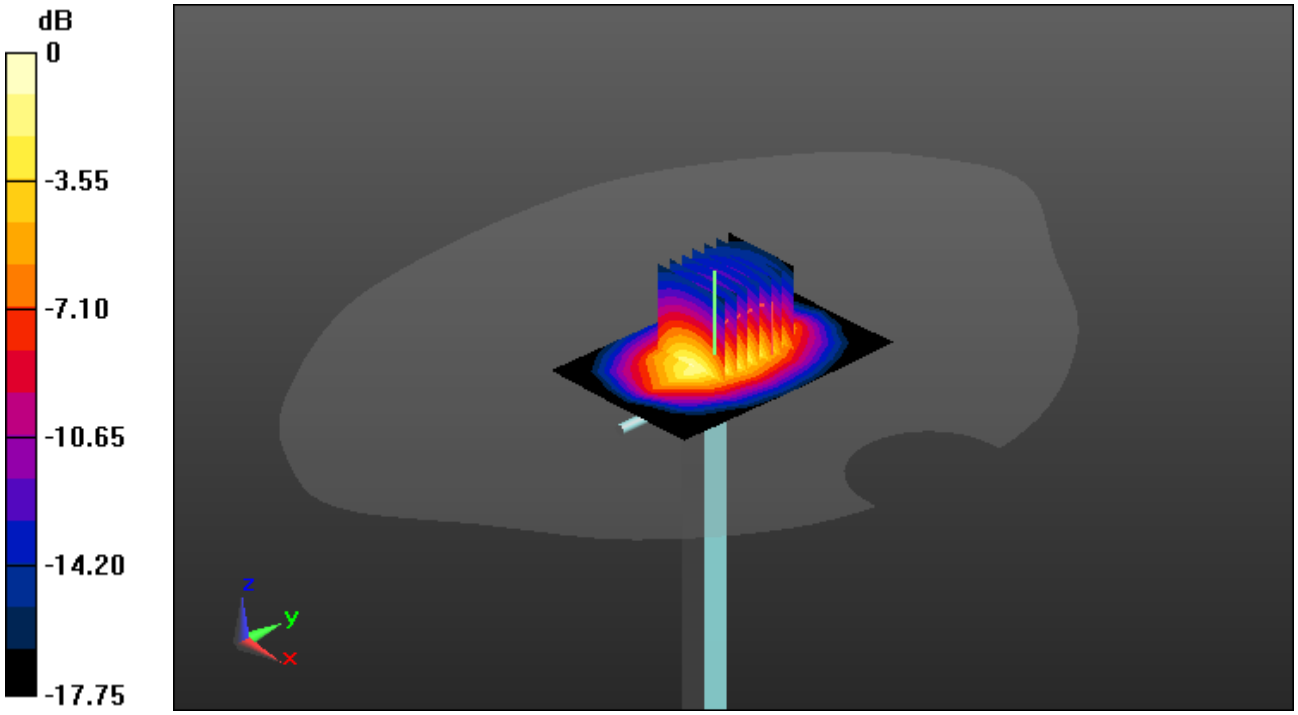
Communication System: UID 0, CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.398 S/m; ε_r = 41.083; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.98, 7.98, 7.98) @ 1800 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-12; Ambient Temp: 21.2; Tissue Temp: 20.6

1 800 MHz System Verification (100 mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 7.09 W/kg
SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.07 W/kg



0 dB = 5.11 W/kg

Dt&C Co., Ltd.

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

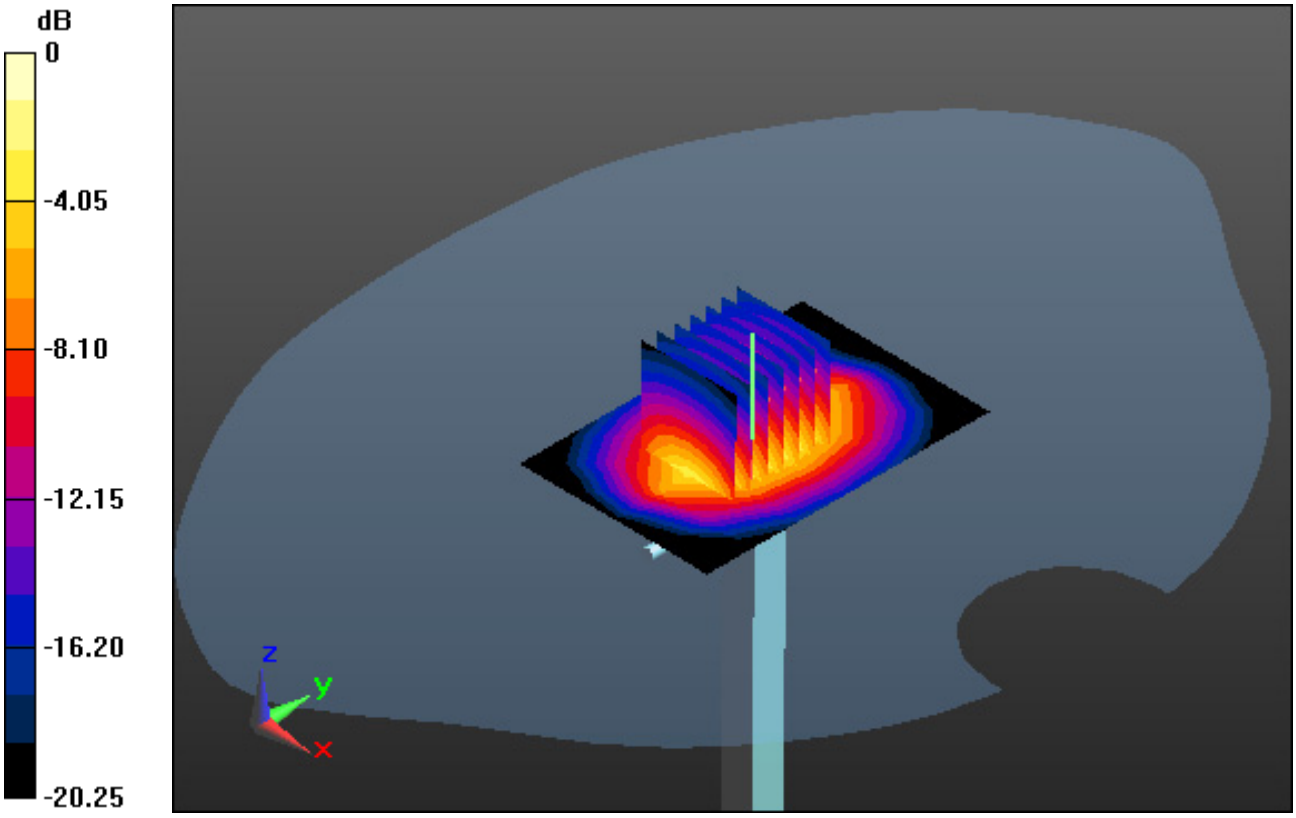
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.41 S/m; ε_r = 39.589; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.85, 7.62, 8.47) Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-12; Ambient Temp: 21.0; Tissue Temp: 20.9

1 900 MHz System Verification (100 mW)

Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 7.9 W/kg
SAR(1 g) = 4.16 W/kg; SAR(10 g) = 2.18 W/kg



0 dB = 5.28 W/kg

Dt&C Co., Ltd.

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

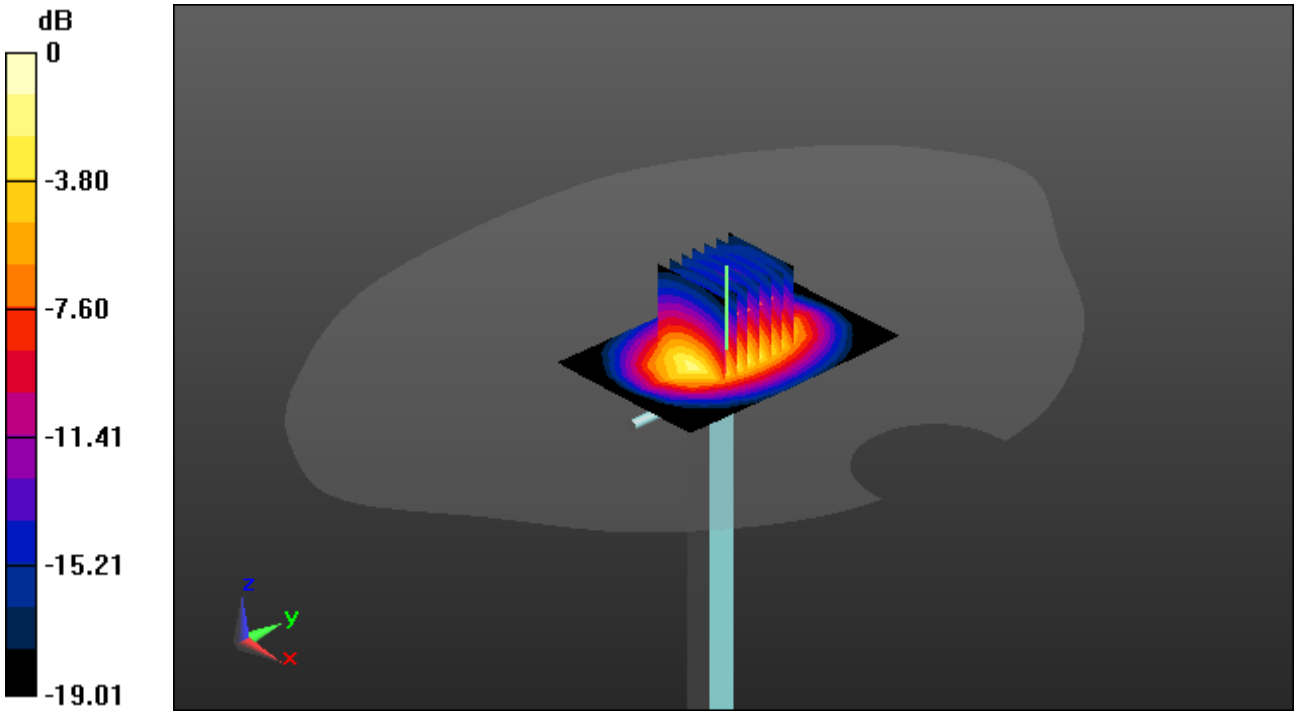
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.419 S/m; ε_r = 41.393; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.67, 7.67, 7.67) @ 1900 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-11; Ambient Temp: 21.1; Tissue Temp: 20.4

1 900 MHz System Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 6.95 W/kg
SAR(1 g) = 3.84 W/kg; SAR(10 g) = 2.01 W/kg



0 dB = 5.01 W/kg

Dt&C Co., Ltd.

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

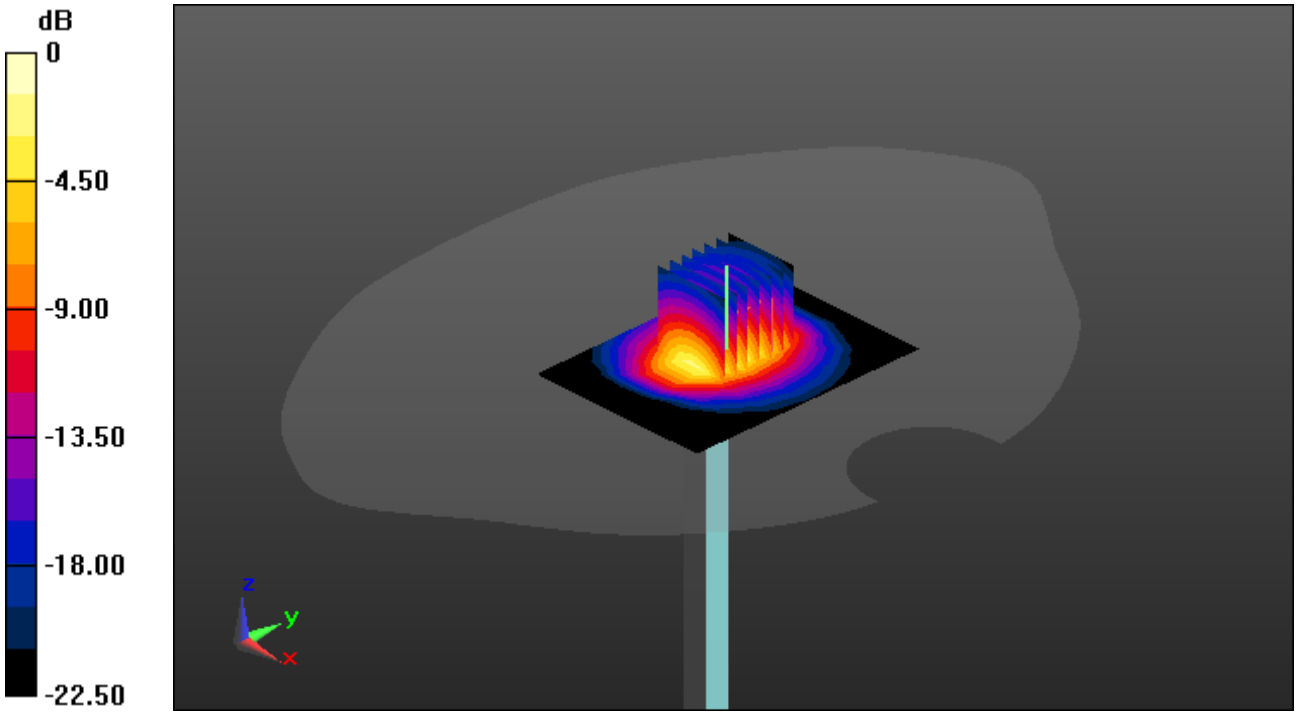
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.803 S/m; ε_r = 37.731; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2450 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-15; Ambient Temp: 20.1; Tissue Temp: 20.5

2 450 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 = 0.09 dB
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 5.31 W/kg; SAR(10 g) = 2.45 W/kg



0 dB = 9.1 W/kg

Dt&C Co., Ltd.

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

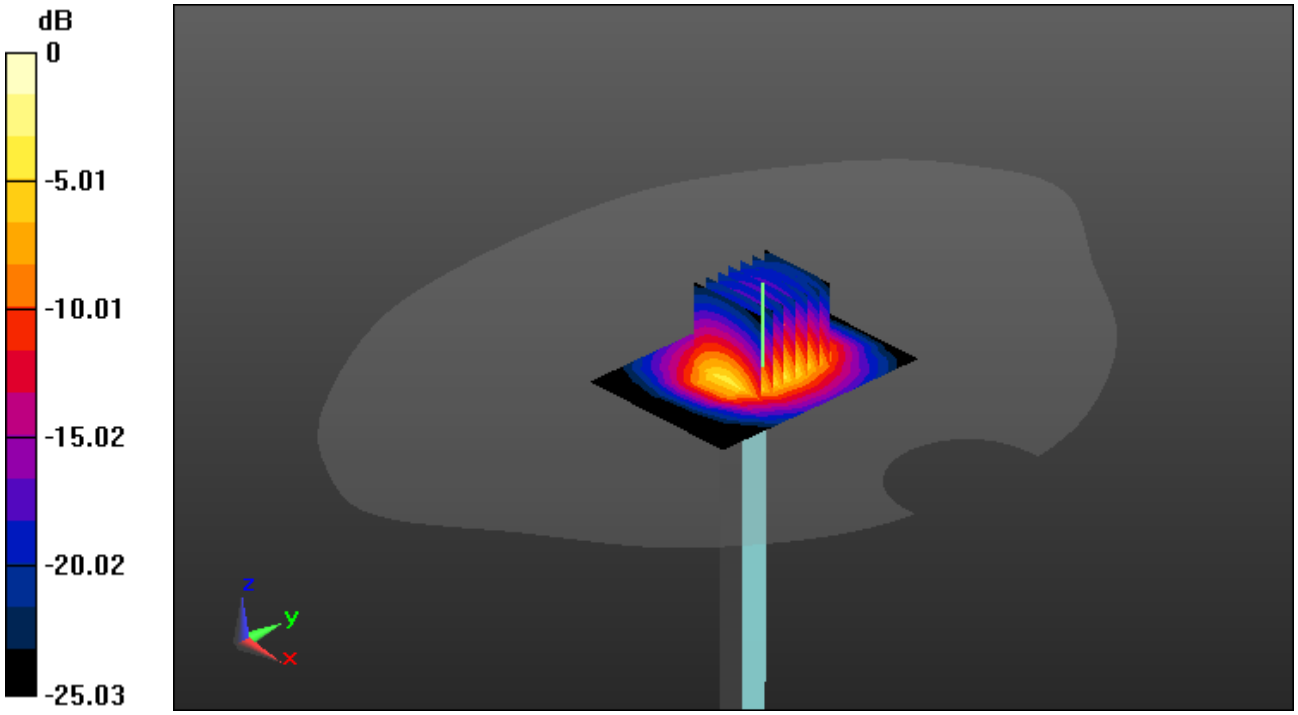
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.994 S/m; ε_r = 38.134; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.01, 7.01, 7.01) @ 2600 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-20; Ambient Temp: 20.2; Tissue Temp: 20.5

2 600 MHz System 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 = 0.06 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 5.68 W/kg; SAR(10 g) = 2.54 W/kg



0 dB = 8.13 W/kg

Dt&C Co., Ltd.

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

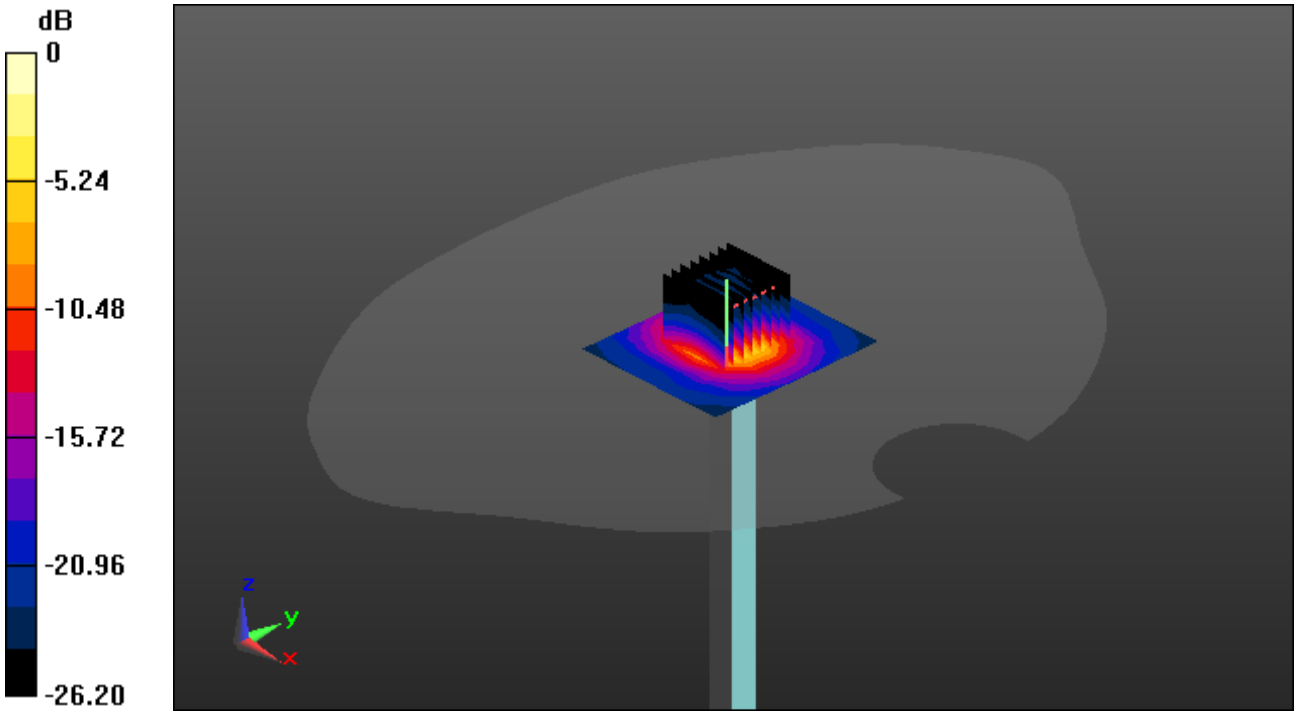
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.852 S/m; ε_r = 34.674; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.04, 5.04, 5.04) @ 5300 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-18; Ambient Temp: 20.2; Tissue Temp: 20.6

5 300 MHz System 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) = 34.5 W/kg
SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.29 W/kg



0 dB = 19.9 W/kg

Dt&C Co., Ltd.

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

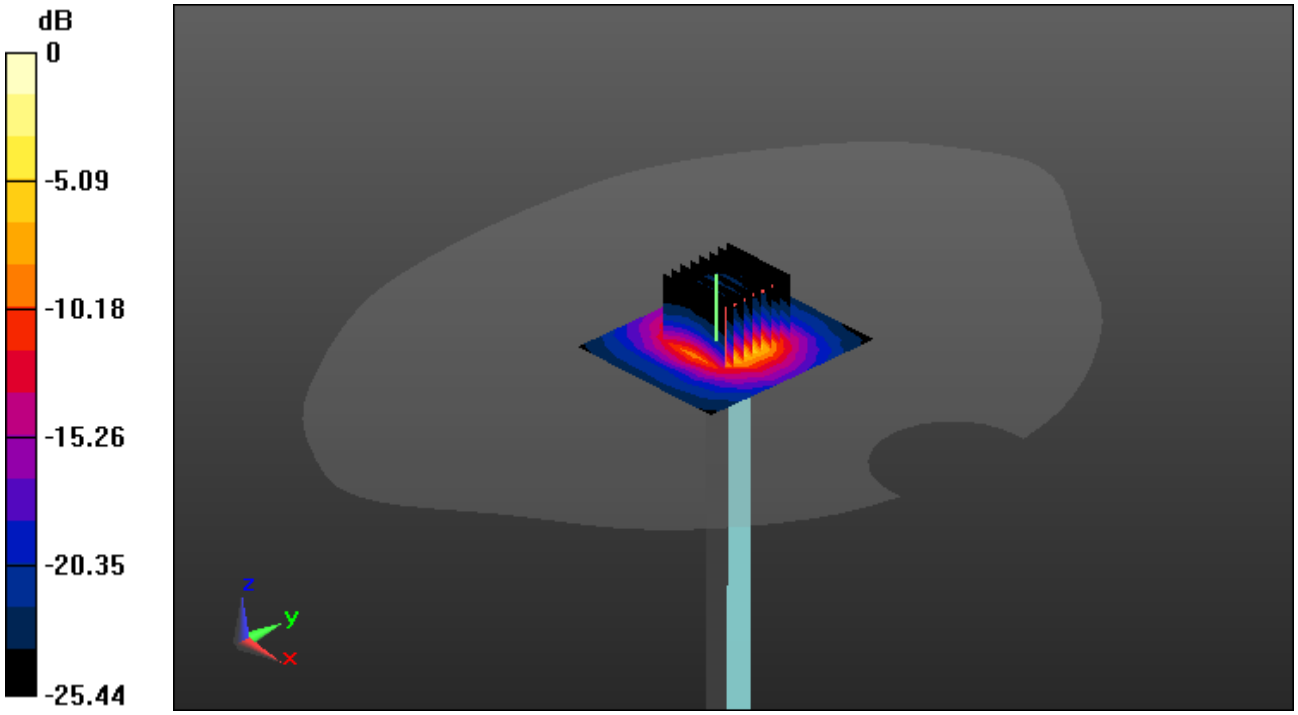
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.85 S/m; ε_r = 36.443; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5) @ 5500 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-19; Ambient Temp: 20.7; Tissue Temp: 20.2

5 500 MHz System Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 36.2 W/kg
SAR(1 g) = 8.32W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 20.4 W/kg

Dt&C Co., Ltd.

DUT: CLA-13; Type: CLA-13; Serial: SN1030

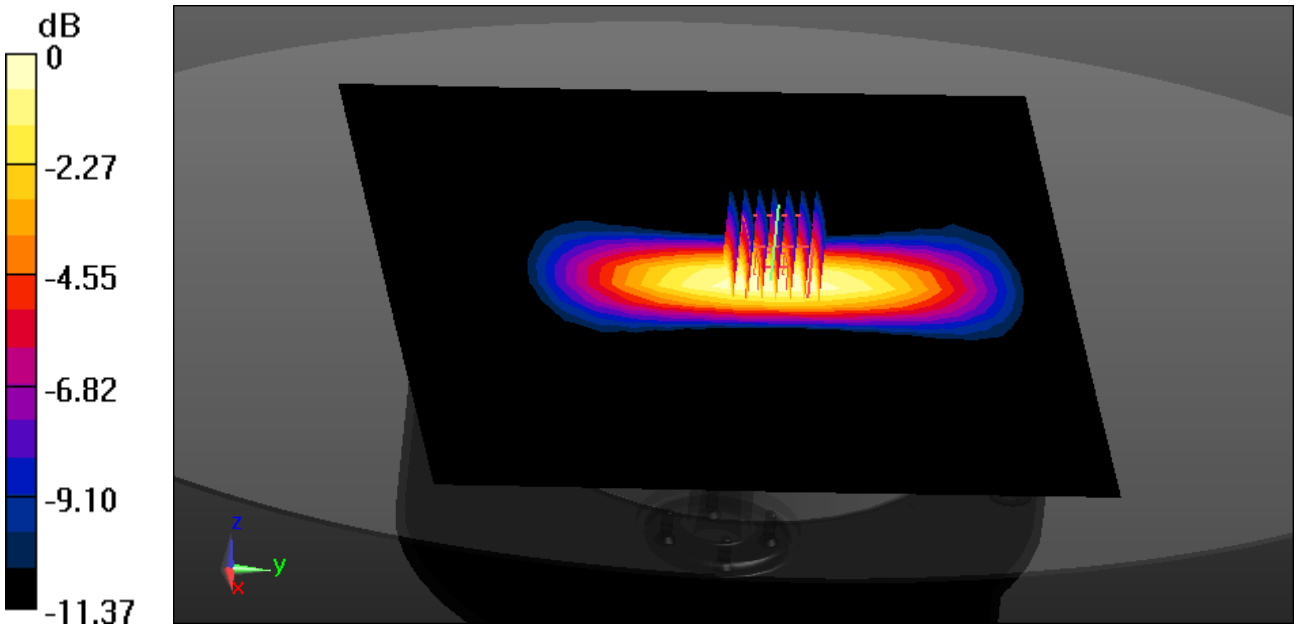
Communication System: UID 0, CW (0); Frequency: 13 MHz;Duty Cycle: 1:1
Medium parameters used: f = 13 MHz; σ = 0.764 S/m; ε_r = 55.918; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(17.86, 17.86, 17.86); Calibrated: 3/22/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-14; Ambient Temp: 20.8; Tissue Temp: 21.2

13 MHz System Verification (250 mW)

Area Scan (24x21x1): 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) = 0.235 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.079 W/kg



0 dB = 0.171 W/kg

Dt&C CO., Ltd

DUT: EB1173; Type: Bar

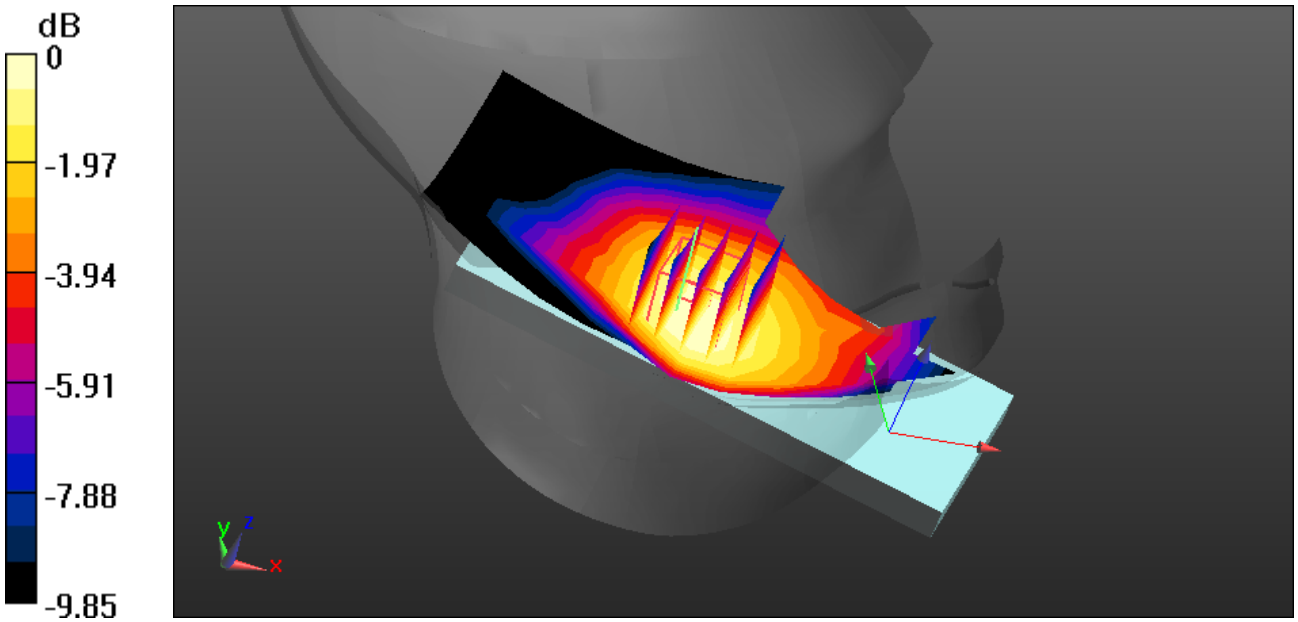
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.885 S/m; ε_r = 41.656; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(9.23, 8.84, 9.76) @ 836.6 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Date: 2023-09-11; Ambient Temp: 20.8; Tissue Temp: 21.0

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

Area Scan (8x13x1): 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) = 0.468 W/kg
SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.248 W/kg



0 dB = 0.433 W/kg

Dt&C CO., Ltd

DUT: EB1173; Type: Bar

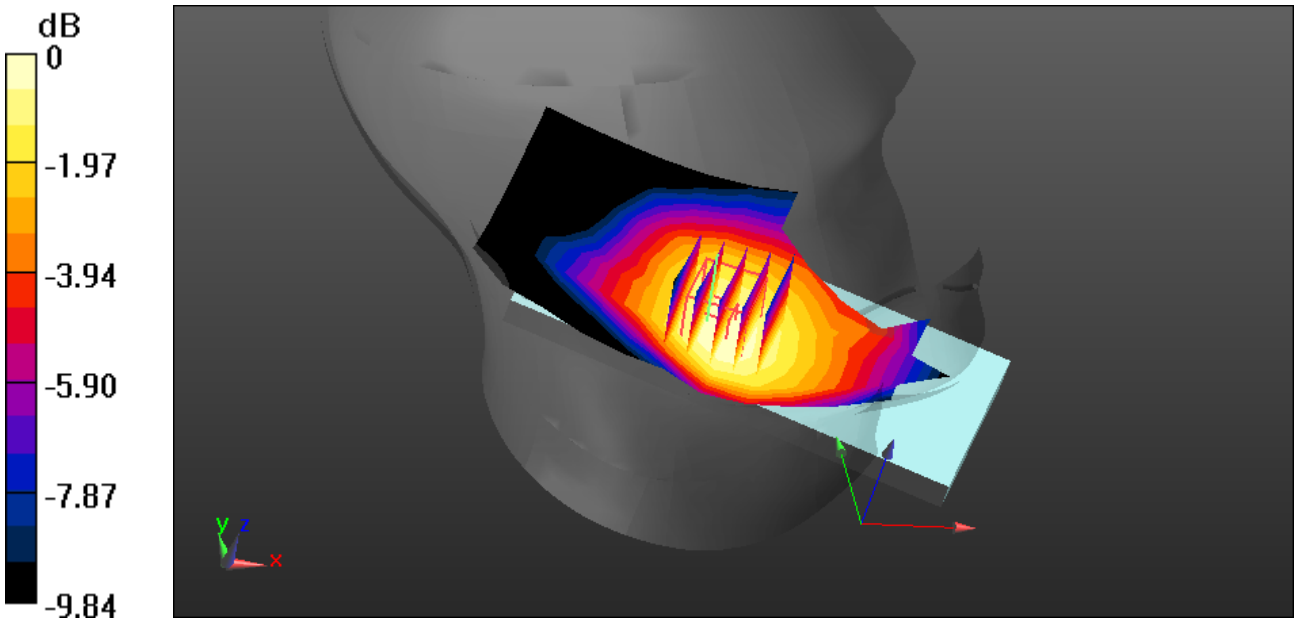
Communication System: UID 0, GSM 850_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.885 S/m; ε_r = 41.656; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(9.23, 8.84, 9.76) @ 836.6 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Date: 2023-09-11; Ambient Temp: 20.8; Tissue Temp: 21.0

Left Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.485 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.291 W/kg



0 dB = 0.445 W/kg

Dt&C CO., Ltd

DUT: EB1173; Type: Bar

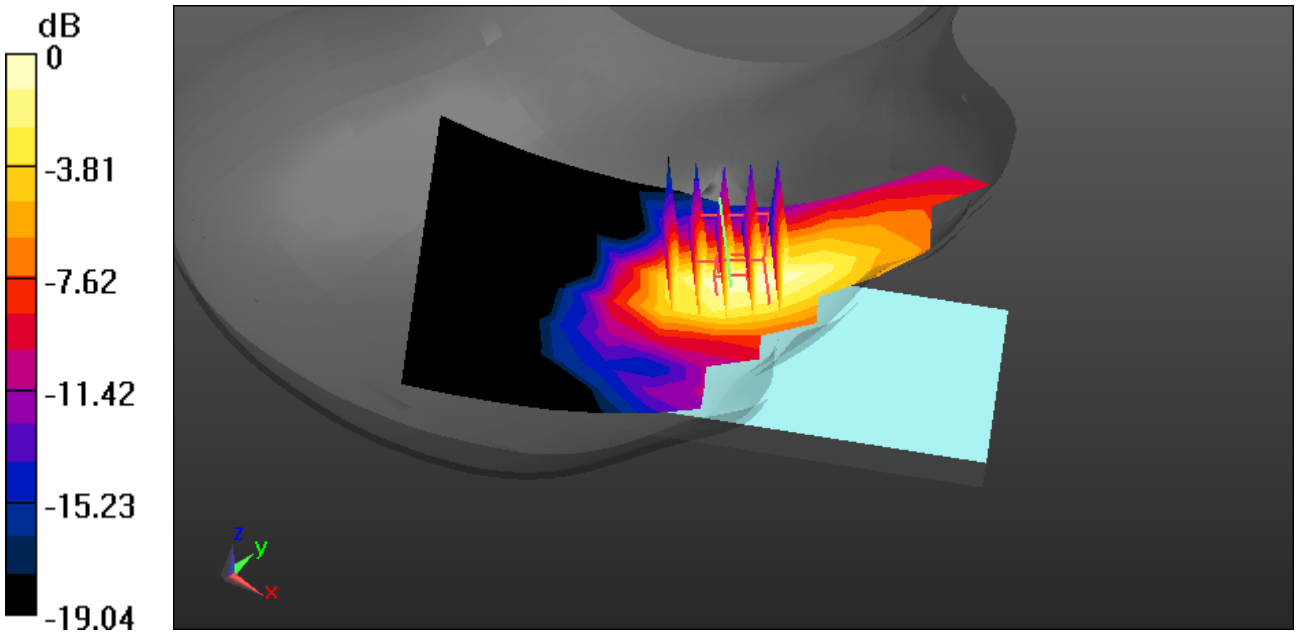
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 39.67; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.85, 7.62, 8.47) @ 1880 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Date: 2023-09-12; Ambient Temp: 21.0; Tissue Temp: 20.9

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

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.117 W/kg

Dt&C CO., Ltd

DUT: EB1173; Type: Bar

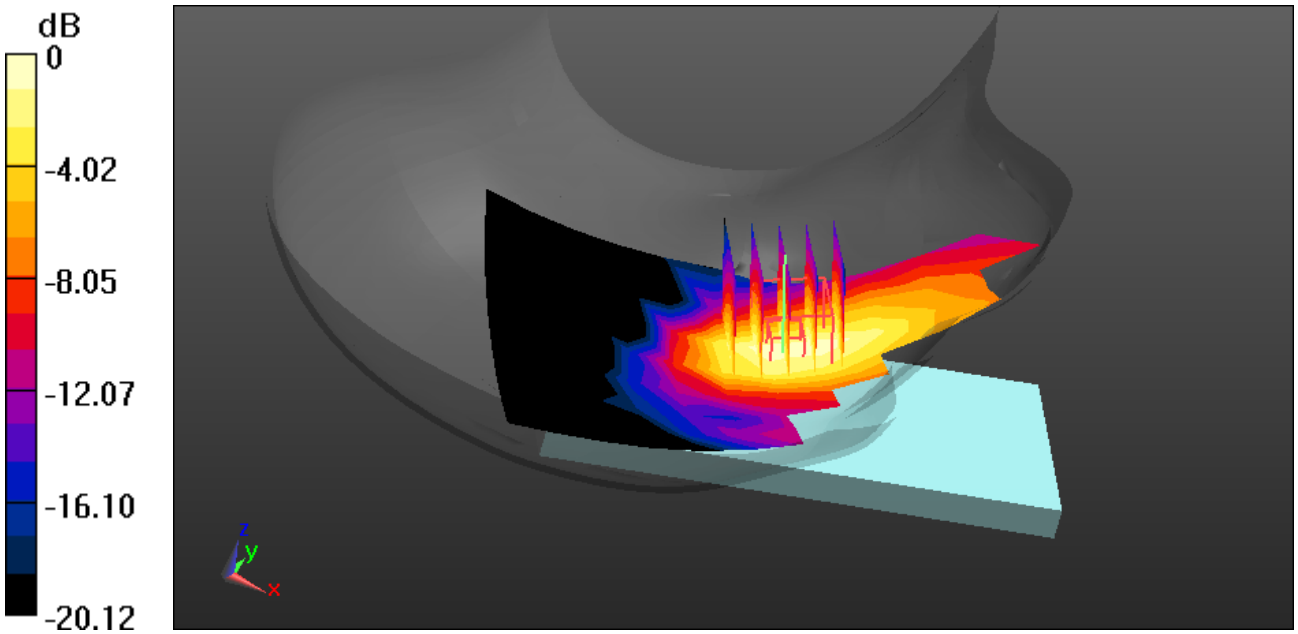
Communication System: UID 0, PCS1900_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 39.67; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.85, 7.62, 8.47) @ 1880 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Date: 2023-09-12; Ambient Temp: 21.0; Tissue Temp: 20.9

Right Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.060 W/kg



0 dB = 0.133 W/kg

DUT: EB1173; Type: Bar

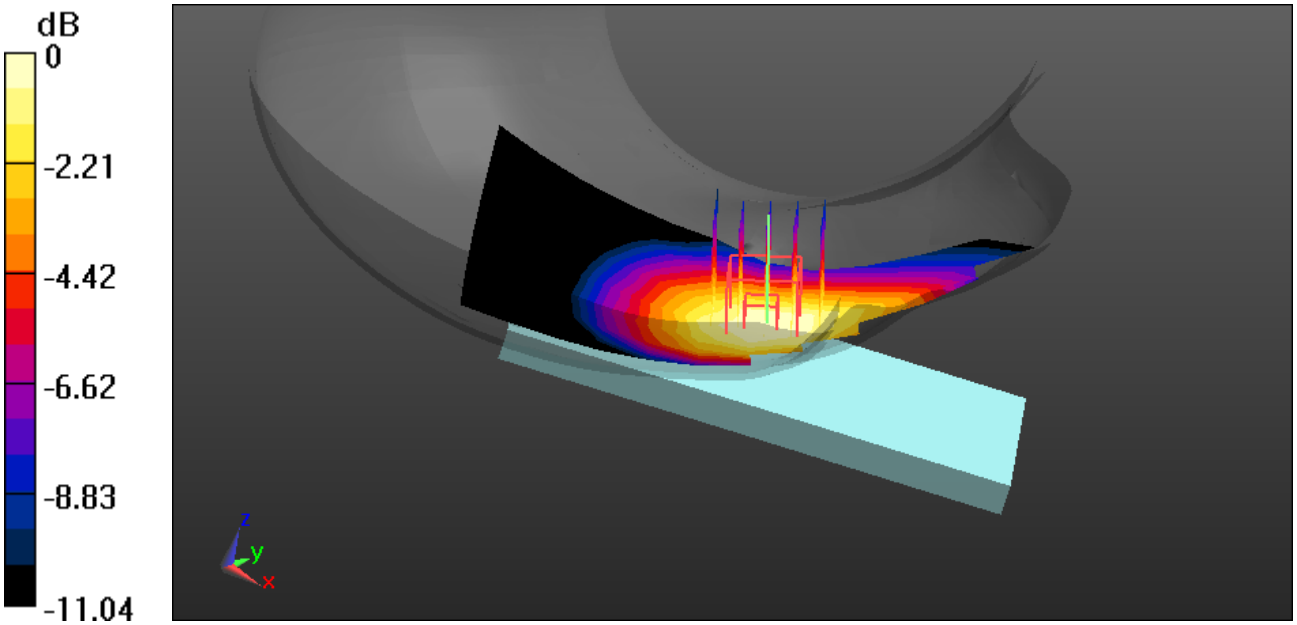
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.885 S/m; ε_r = 41.656; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(9.23, 8.84, 9.76) @ 836.6 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-11; Ambient Temp: 20.8; Tissue Temp: 21.0

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

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.340 W/kg



0 dB = 0.517 W/kg

DUT: EB1173; Type: Bar

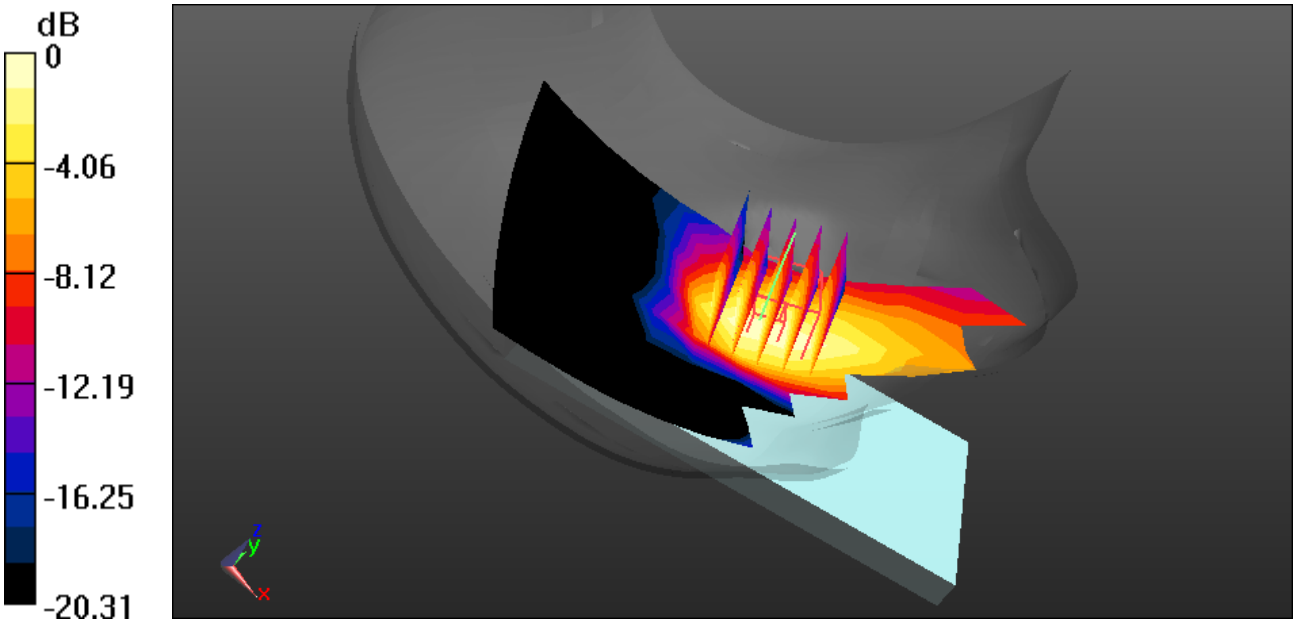
Communication System: UID 0, WCDMA 1700 (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.332 S/m; ε_r = 39.849; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.17, 7.85, 8.91) @ 1732.4 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-13; Ambient Temp: 20.7; Tissue Temp: 20.9

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

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.048 W/kg



0 dB = 0.101 W/kg

DUT: EB1173; Type: Bar

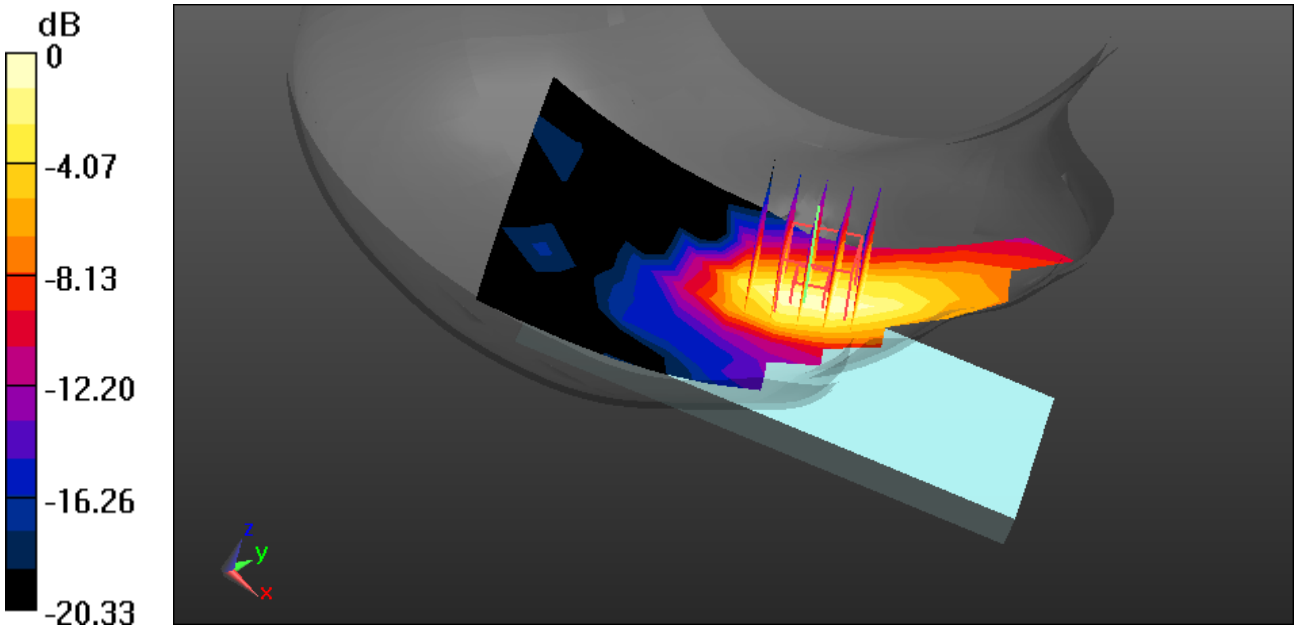
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 39.67; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.85, 7.62, 8.47) @ 1880 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-12; Ambient Temp: 21.0; Tissue Temp: 20.9

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

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.092 W/kg



0 dB = 0.204 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 12(FCC) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.861 S/m; ε_r = 41.361; ρ = 1000 kg/m^3
Phantom section: Left Section

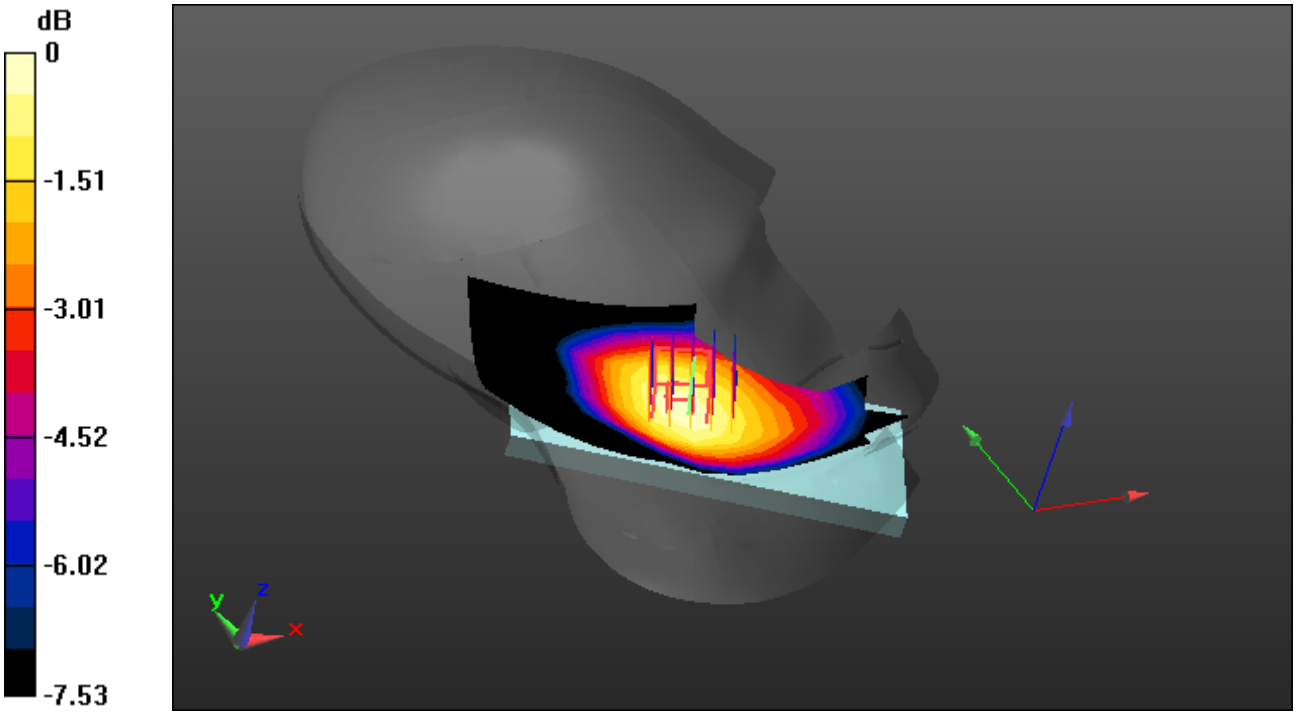
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.52, 9.52, 9.52) @ 707.5 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-14; Ambient Temp: 20.3; Tissue Temp: 20.7

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

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

Area Scan (8x13x1): 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) = 0.145 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.134 W/kg

Dt&C Co., Ltd.

DUT: EB1173; 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 = 0.931 S/m; ε_r = 40.553; ρ = 1000 kg/m^3
Phantom section: Left Section

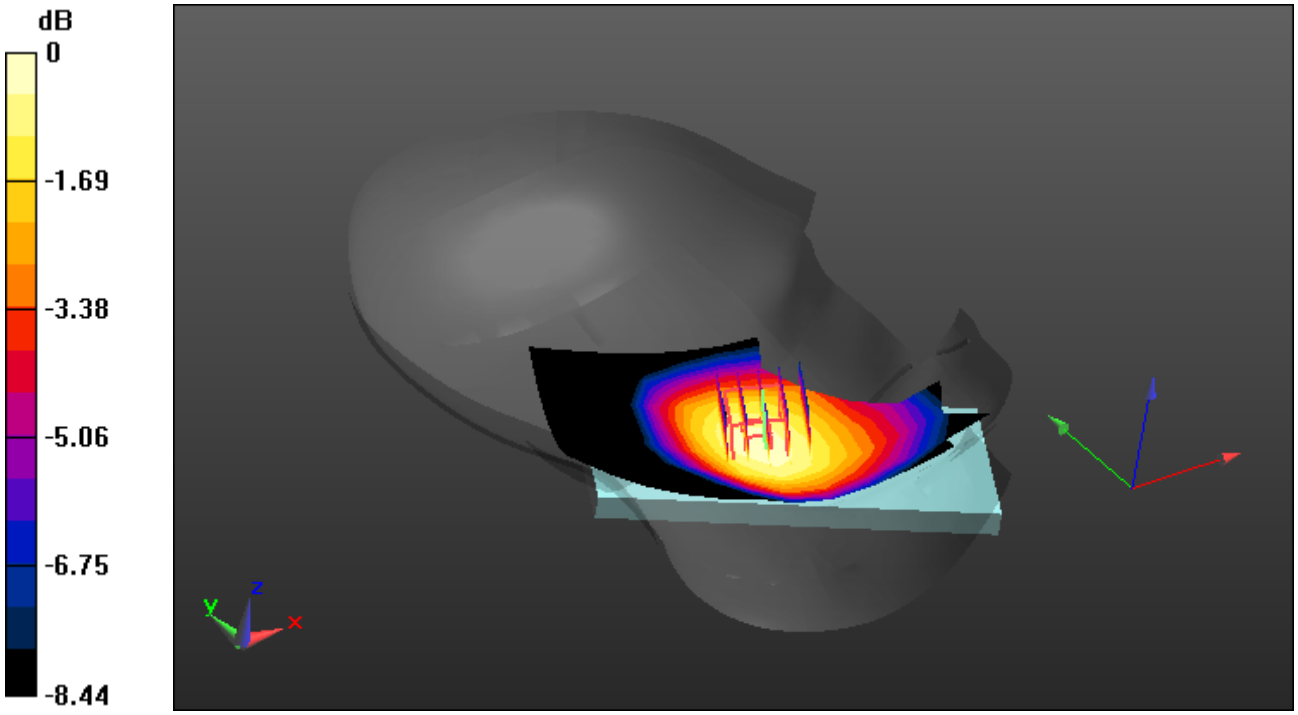
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.11, 9.11, 9.11) @ 836.5 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-13; Ambient Temp: 20.6; Tissue Temp: 20.9

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

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

Area Scan (8x13x1): 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) = 0.370 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.234 W/kg



0 dB = 0.340 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 4(FCC) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.337 S/m; ε_r = 41.509; ρ = 1000 kg/m^3
Phantom section: Left Section

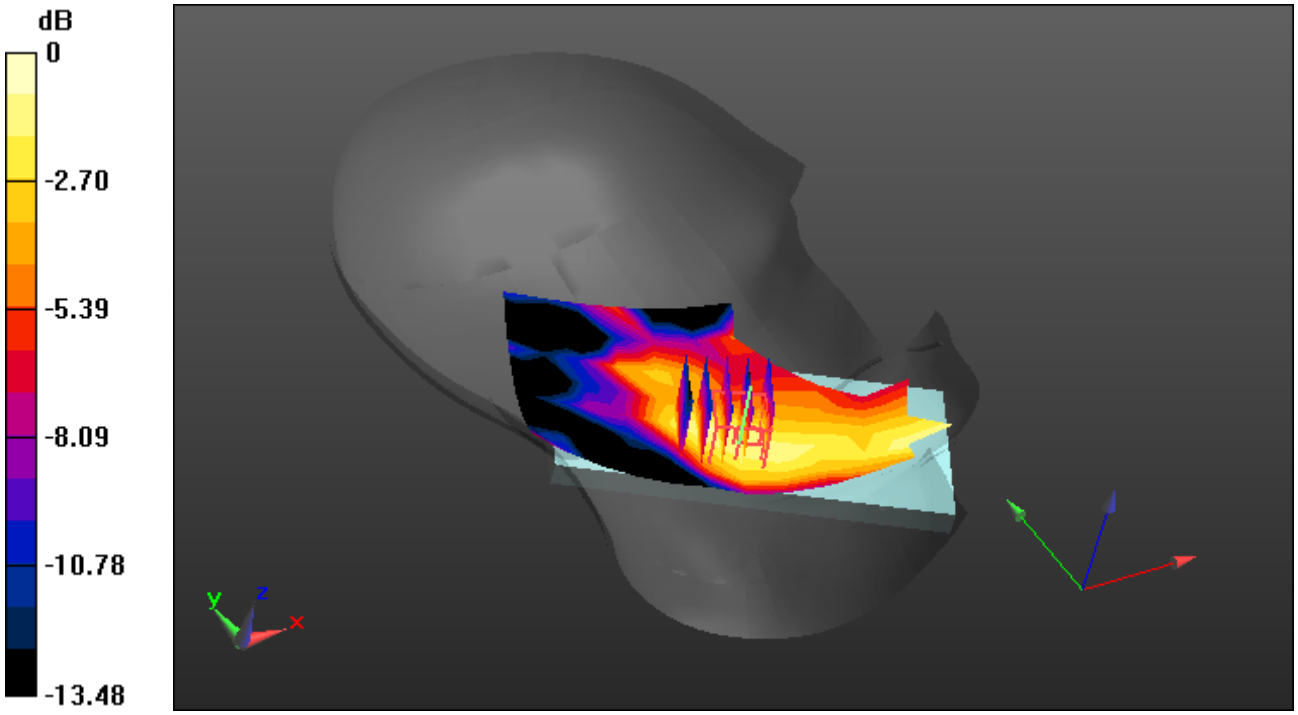
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.98, 7.98, 7.98) @ 1732.5 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-12; Ambient Temp: 21.2; Tissue Temp: 20.6

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

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

Area Scan (8x13x1): 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) = 0.303 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.0909 W/kg

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.385 S/m; ε_r = 41.569; ρ = 1000 kg/m^3
Phantom section: Right Section

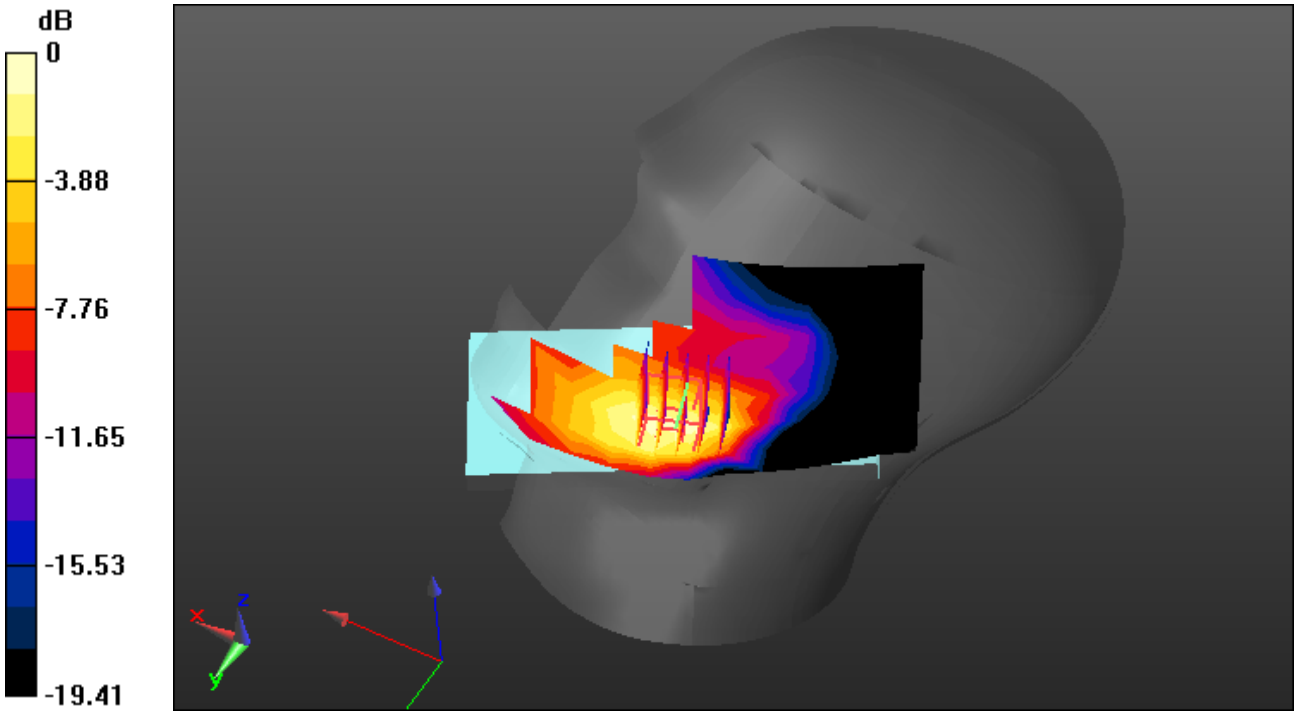
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.67, 7.67, 7.67) @ 1860 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-11; Ambient Temp: 21.1; Tissue Temp: 20.4

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

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

Area Scan (8x13x1): 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) = 0.208 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.076 W/kg



0 dB = 0.165 W/kg

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 41(TDD) (0); Frequency: 2506 MHz; Duty Cycle: 1:1.58
Medium parameters used: f = 2506 MHz; σ = 1.897 S/m; ε_r = 38.466; ρ = 1000 kg/m^3
Phantom section: Left Section

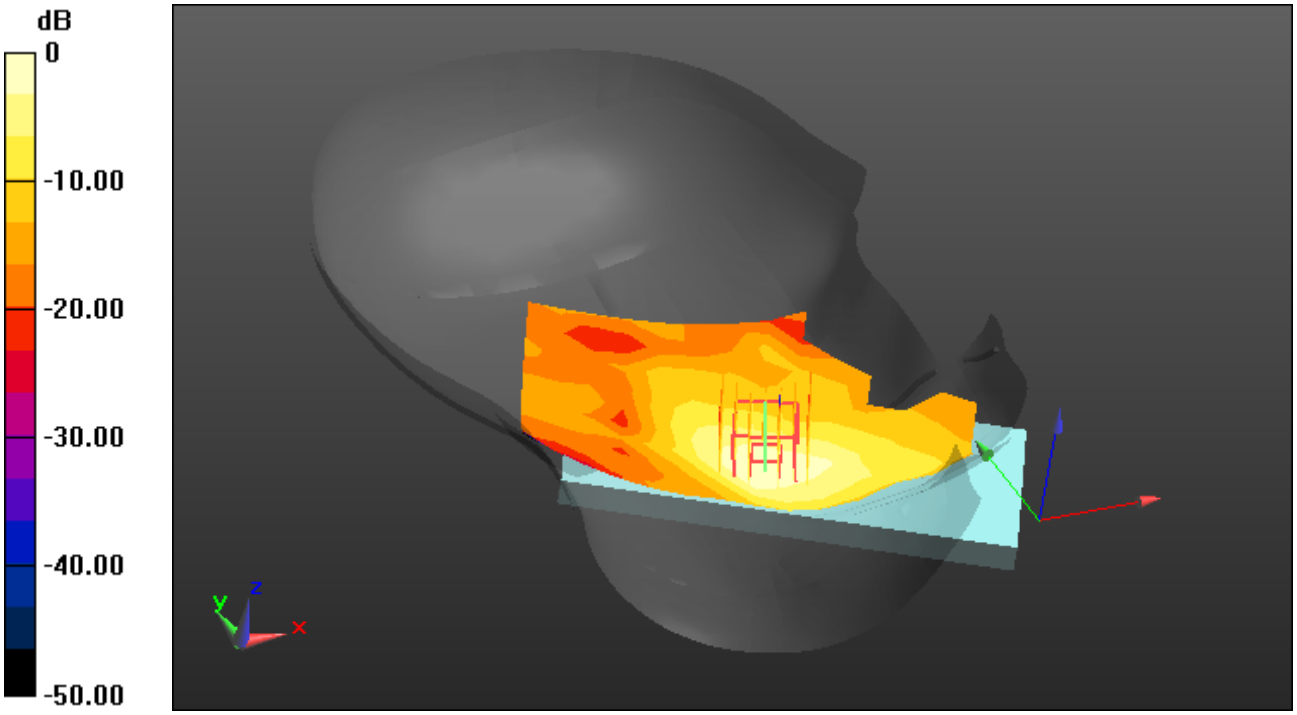
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.01, 7.01, 7.01) @ 2506 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-20; Ambient Temp: 20.2; Tissue Temp: 20.5

Left Touch, LTE Band 41 Ch. 39750, Ant Internal, Standard Battery

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

Area Scan (10x16x1): 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) = 0.458 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.104 W/kg



0 dB = 0.292 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

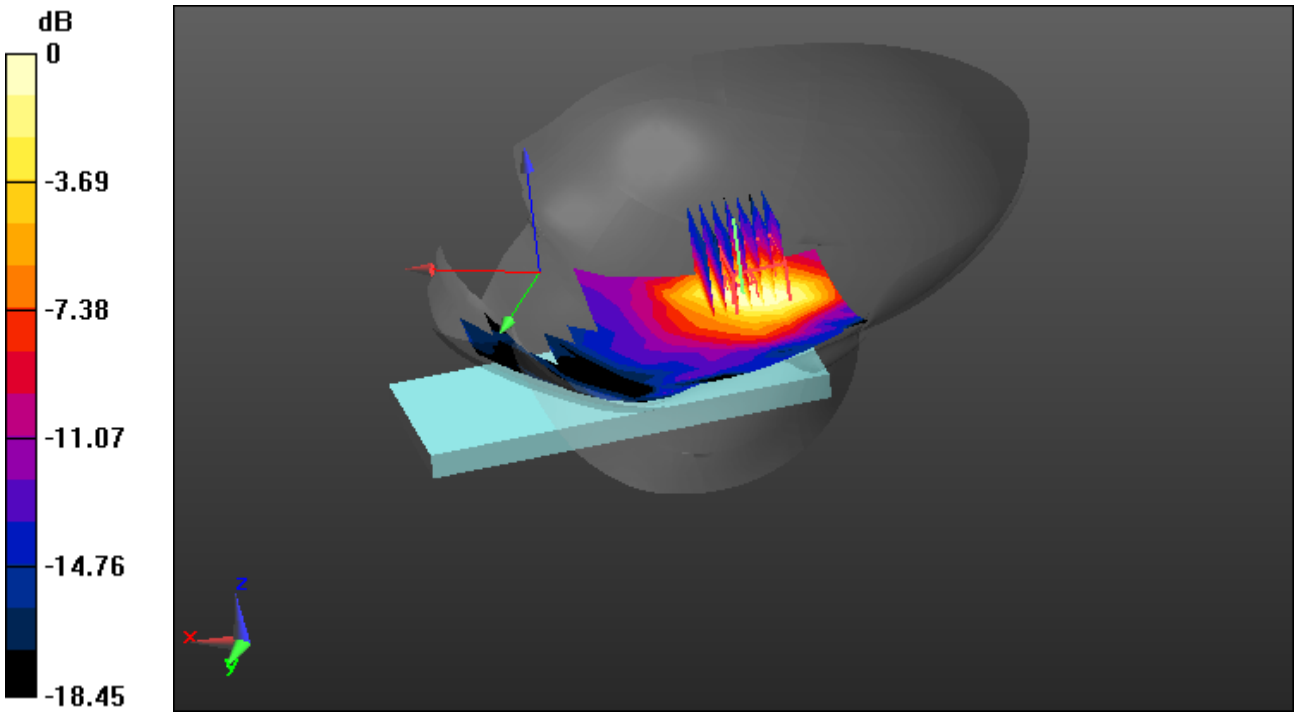
Communication System: UID 0, 1. W-LAN 2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.76 S/m; ε_r = 37.878; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2412 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-15; Ambient Temp: 20.1; Tissue Temp: 20.5

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

Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.170 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

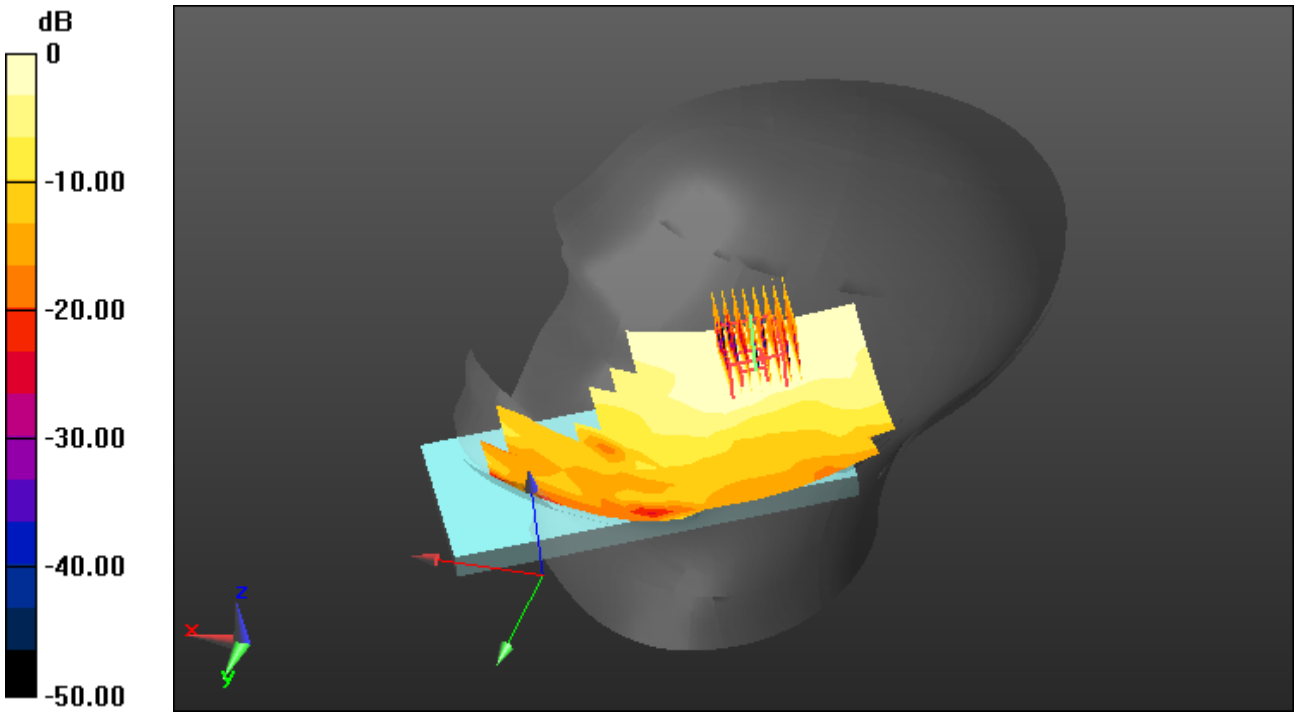
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.846 S/m; ε_r = 34.705; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.04, 5.04, 5.04) @ 5290 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-18; Ambient Temp: 20.2; Tissue Temp: 20.6

Right Touch, WLAN(802.11ac VHT80) Ch. 58, Ant Internal, Standard Battery

Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.711 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.063 W/kg



0 dB = 0.459 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

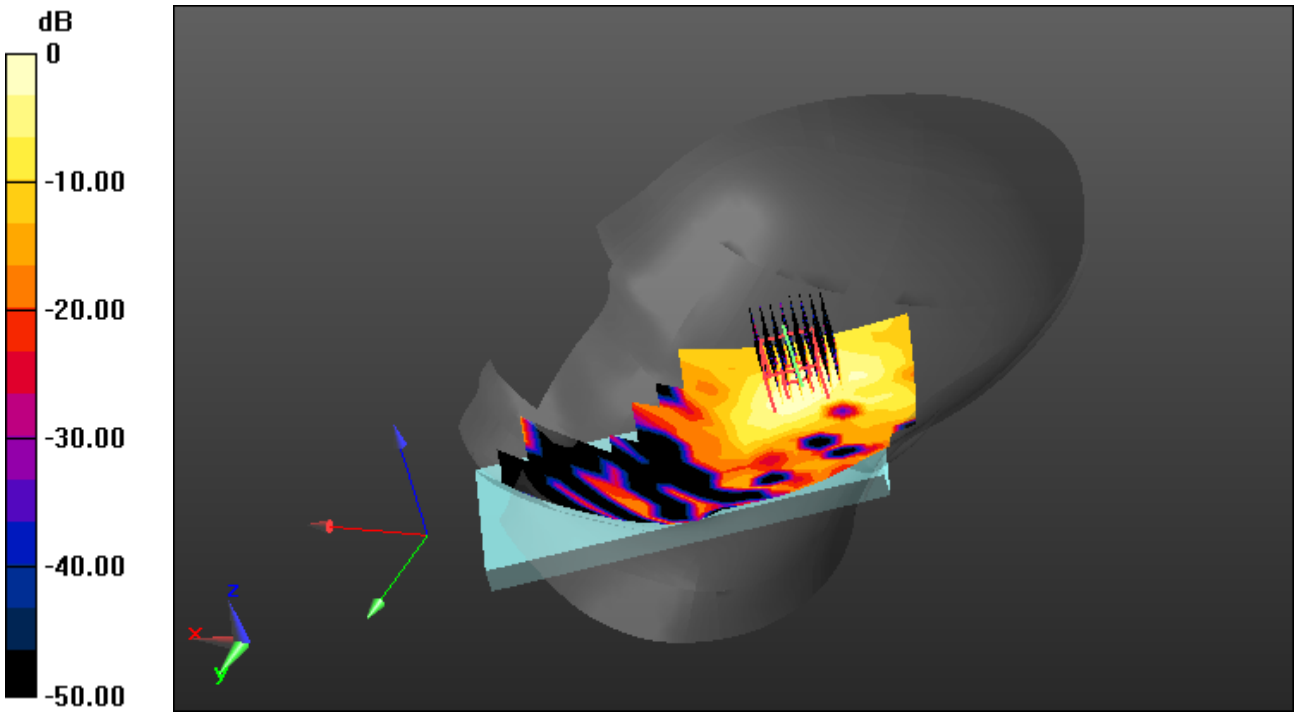
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5530 MHz; σ = 4.883 S/m; ε_r = 36.348; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5) @ 5530 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-19; Ambient Temp: 20.7; Tissue Temp: 20.2

Right Touch, WLAN(802.11ac VHT80) Ch. 106, Ant Internal, Standard Battery

Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.383 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

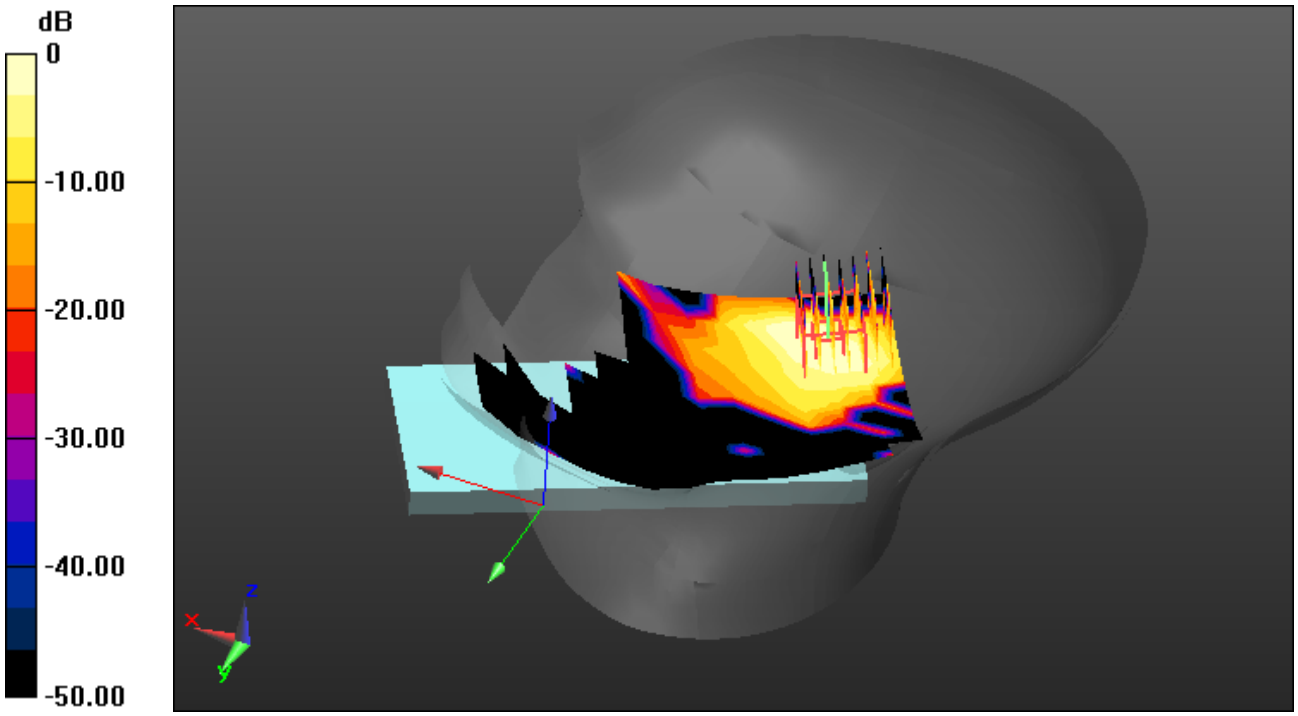
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.793 S/m; ε_r = 37.767; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2441 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-15 ; Ambient Temp: 20.1; Tissue Temp: 20.5

Right Touch, Bluetooth BDR Ch. 39, Ant Internal, Standard Battery

Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0710 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.013 W/kg



0 dB = 0.0563 W/kg

DUT: EB1173; Type: Bar

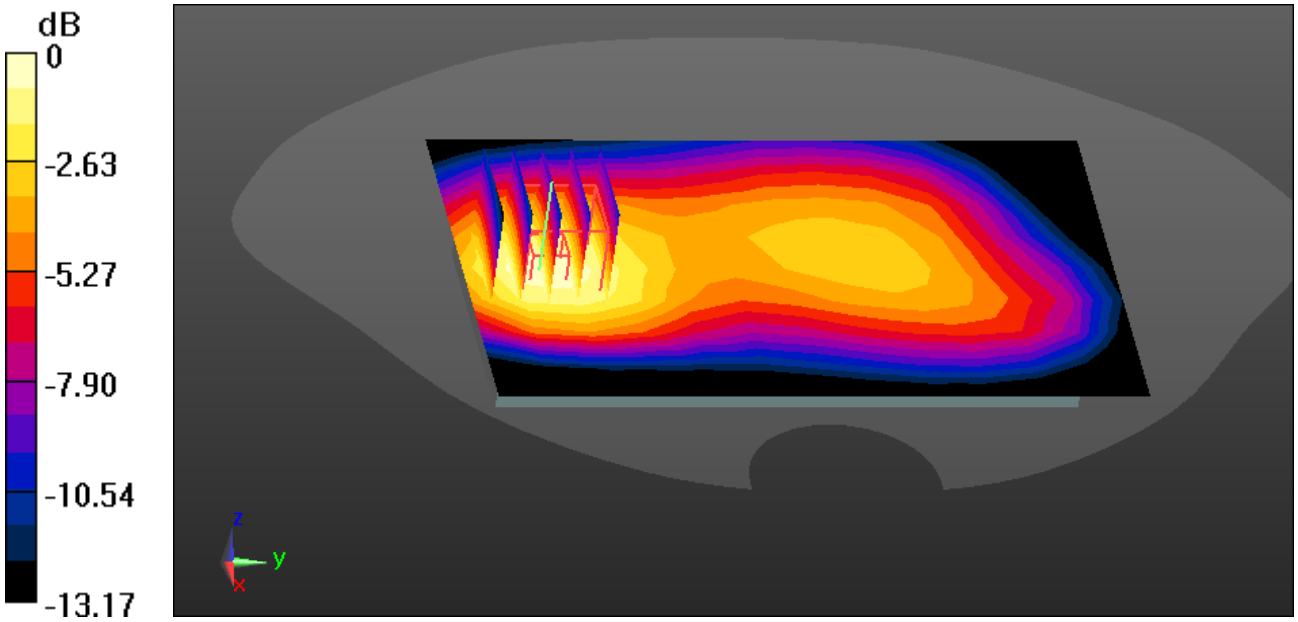
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.885 S/m; ε_r = 41.656; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(9.23, 8.84, 9.76) @ 836.6 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-11; Ambient Temp: 20.8; Tissue Temp: 21.0

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

Area Scan (9x13x1): 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) = 0.660 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.312 W/kg



0 dB = 0.578 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

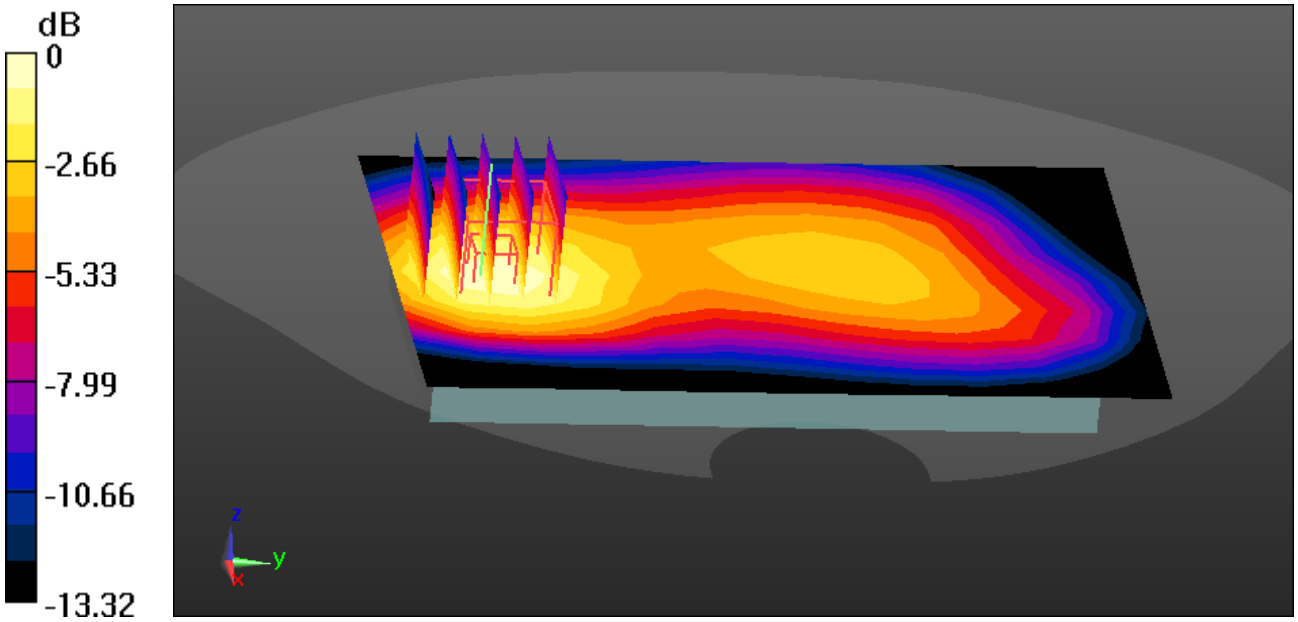
Communication System: UID 0, GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; σ = 0.885 S/m; ε_r = 41.656; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(9.23, 8.84, 9.76) @ 836.6 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-11; Ambient Temp: 20.8; Tissue Temp: 21.0

1 cm space from body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

Area Scan (9x13x1): 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) = 0.674 W/kg
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.315 W/kg



0 dB = 0.588 W/kg

DUT: EB1173; Type: Bar

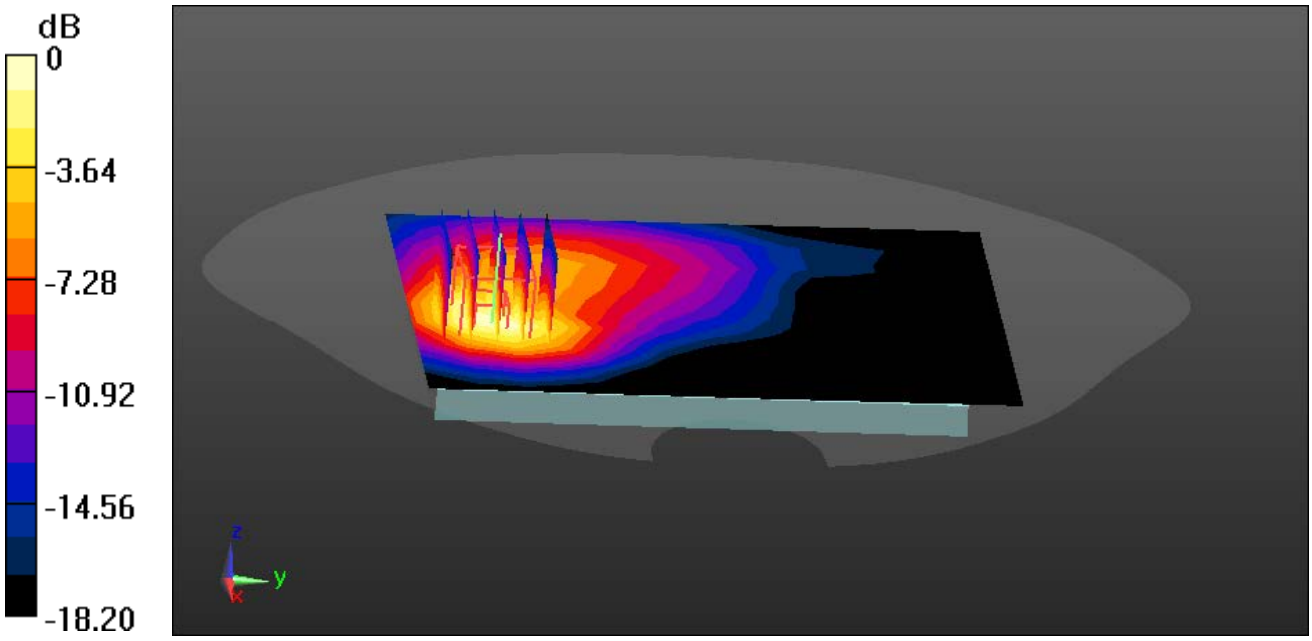
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 39.67; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.85, 7.62, 8.47) @ 1880 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-12; Ambient Temp: 21.0; Tissue Temp: 20.9

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

Area Scan (9x13x1): 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) = 0.982 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.315 W/kg



0 dB = 0.796 W/kg

DUT: EB1173; Type: Bar

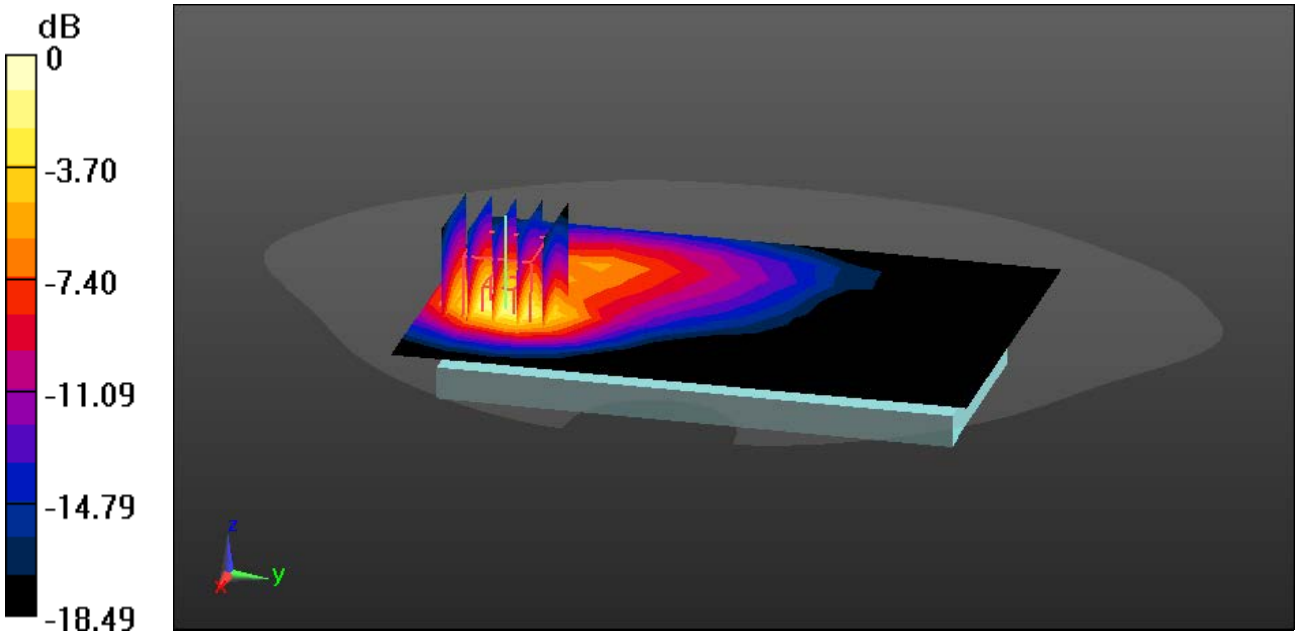
Communication System: UID 0, PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 39.67; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.85, 7.62, 8.47) @ 1880 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-12; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

Area Scan (9x13x1): 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) = 1.09 W/kg
SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.353 W/kg



0 dB = 0.896 W/kg

DUT: EB1173; Type: Bar

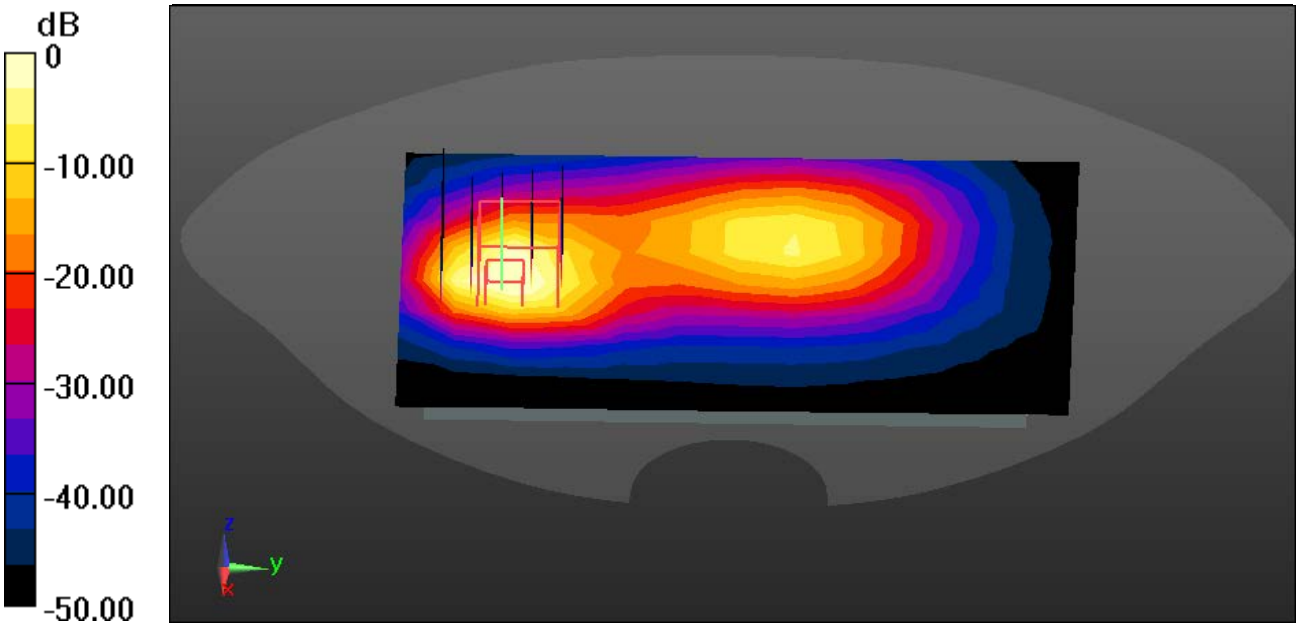
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.885 S/m; ε_r = 41.656; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(9.23, 8.84, 9.76) @ 836.6 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-11; Ambient Temp: 20.8; Tissue Temp: 21.0

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

Area Scan (9x13x1): 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) = 1.34 W/kg
SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 0.838 W/kg

DUT: EB1173; Type: Bar

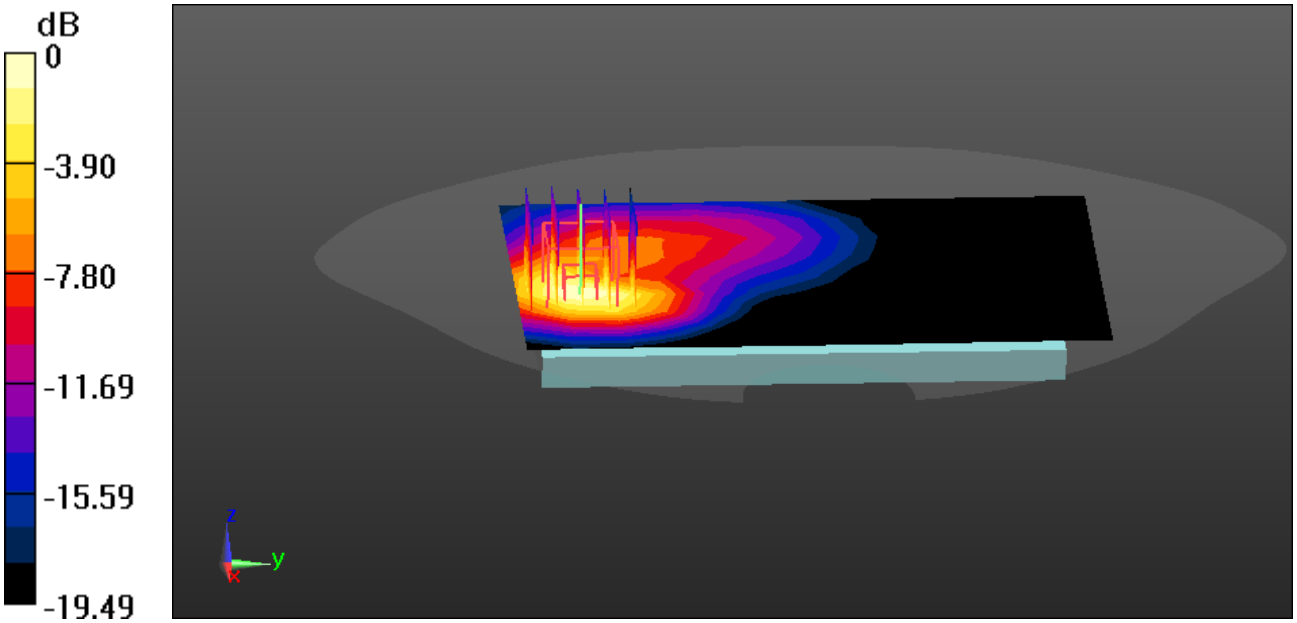
Communication System: UID 0, WCDMA 1700 (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.332 S/m; ε_r = 39.849; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.17, 7.85, 8.91) @ 1732.4 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-13; Ambient Temp: 20.7; Tissue Temp: 20.9

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

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.349 W/kg



0 dB = 0.991 W/kg

DUT: EB1173; Type: Bar

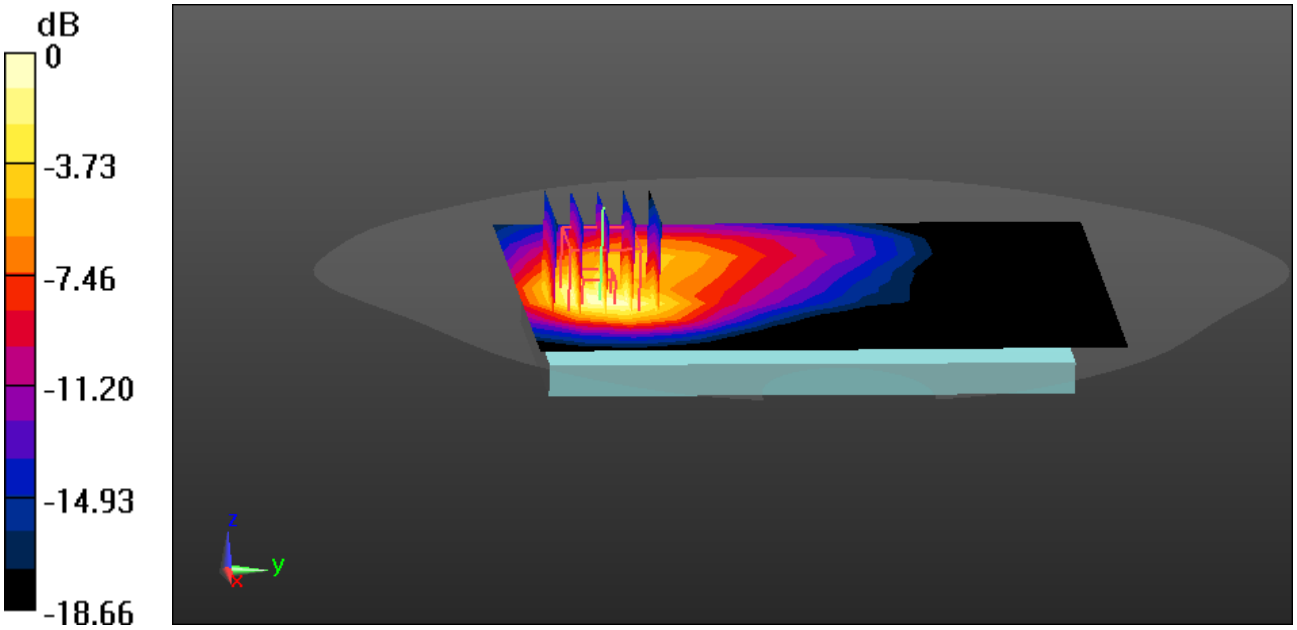
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.417 S/m; ε_r = 39.561; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.85, 7.62, 8.47) @ 1907.6 MHz; Calibrated: 4/24/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-12; Ambient Temp: 21.0; Tissue Temp: 20.9

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

Area Scan (9x13x1): 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) = 1.45 W/kg
SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.477 W/kg



0 dB = 1.17 W/kg

Dt&C Co., Ltd

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 12(FCC) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.861 S/m; ε_r = 41.361; ρ = 1000 kg/m^3
Phantom section: Flat Section

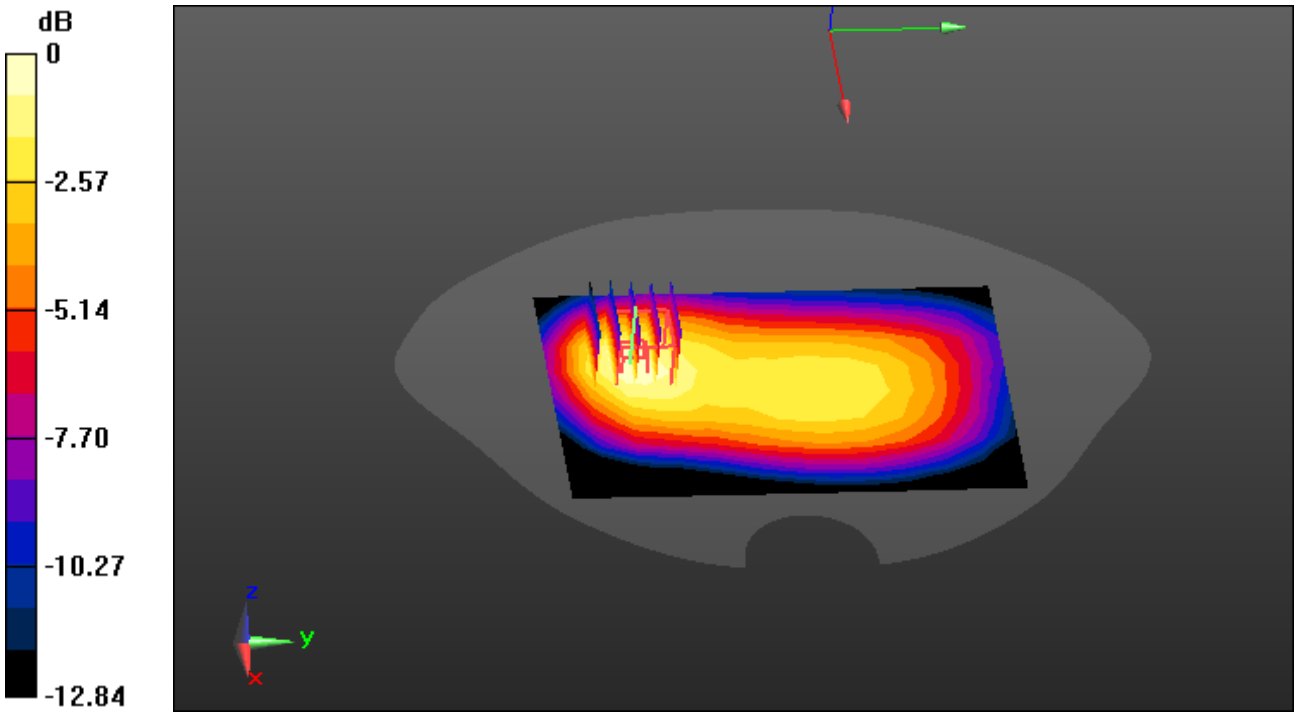
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.52, 9.52, 9.52) @ 707.5 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-14; Ambient Temp: 20.3; Tissue Temp: 20.7

1.0 cm space from Body, Front, LTE Band 12 Ch. 23095, Ant Internal

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

Area Scan (9x13x1): 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) = 0.306 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.140 W/kg



0 dB = 0.262 W/kg

Dt&C Co., Ltd

DUT: EB1173; 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 = 0.931 S/m; ε_r = 40.553; ρ = 1000 kg/m^3
Phantom section: Flat Section

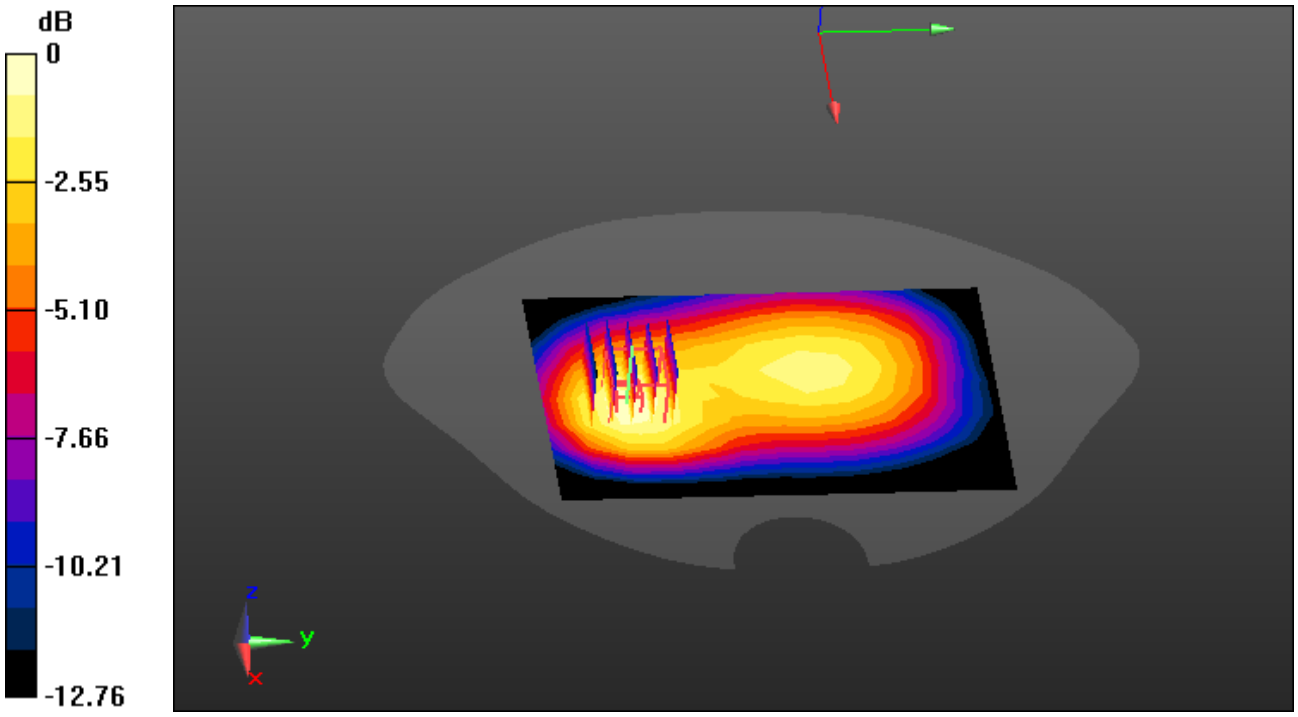
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.11, 9.11, 9.11) @ 836.5 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-13; Ambient Temp: 20.6; Tissue Temp: 20.9

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

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

Area Scan (9x13x1): 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) = 0.572 W/kg
SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.252 W/kg



0 dB = 0.484 W/kg

Dt&C Co., Ltd

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 4(FCC) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.337 S/m; ε_r = 41.509; ρ = 1000 kg/m^3
Phantom section: Flat Section

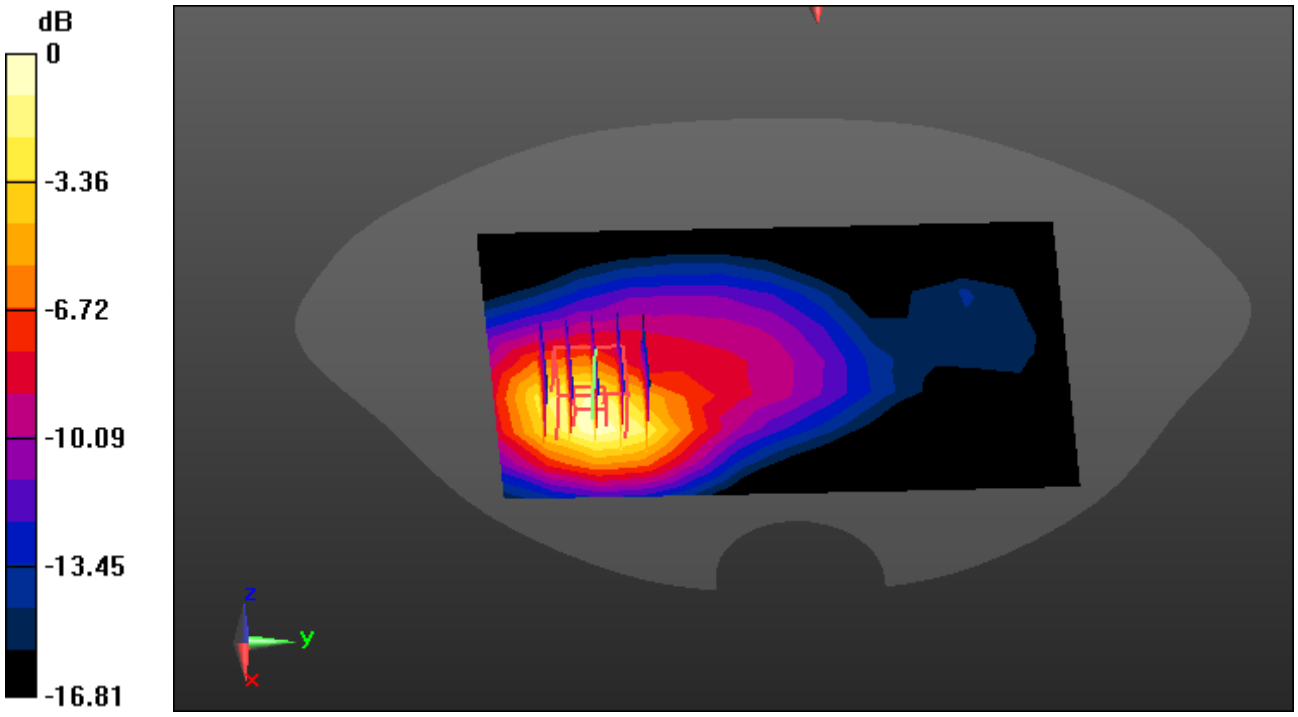
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.98, 7.98, 7.98) @ 1732.5 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-12; Ambient Temp: 21.2; Tissue Temp: 20.6

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

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

Area Scan (9x13x1): 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) = 0.951 W/kg
SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.334 W/kg



0 dB = 0.780 W/kg

Dt&C Co., Ltd

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.385 S/m; ε_r = 41.569; ρ = 1000 kg/m^3
Phantom section: Flat Section

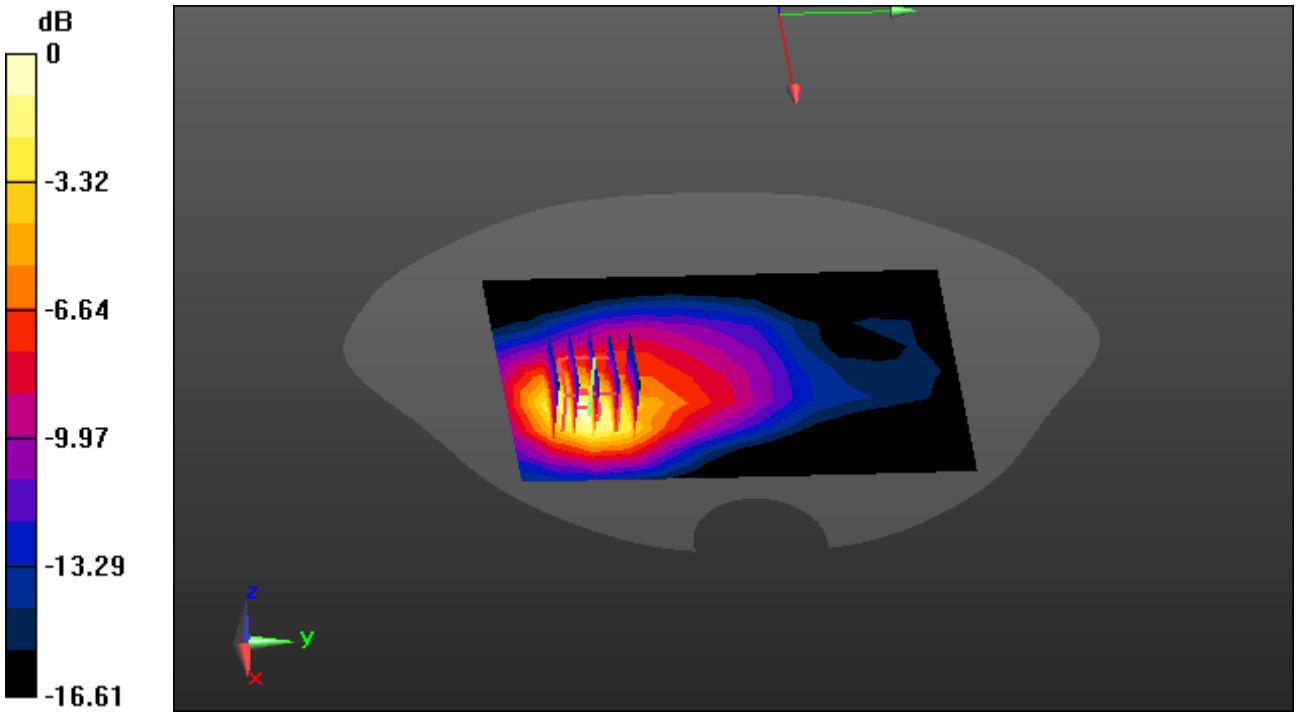
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.67, 7.67, 7.67) @ 1860 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-11; Ambient Temp: 21.1; Tissue Temp: 20.4

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

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

Area Scan (9x13x1): 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) = 1.22 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.411 W/kg



0 dB = 0.980 W/kg

Dt&C Co., Ltd

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 41(TDD) (0); Frequency: 2506 MHz; Duty Cycle: 1:1.58
Medium parameters used: f = 2506 MHz; σ = 1.897 S/m; ε_r = 38.466; ρ = 1000 kg/m^3
Phantom section: Flat Section

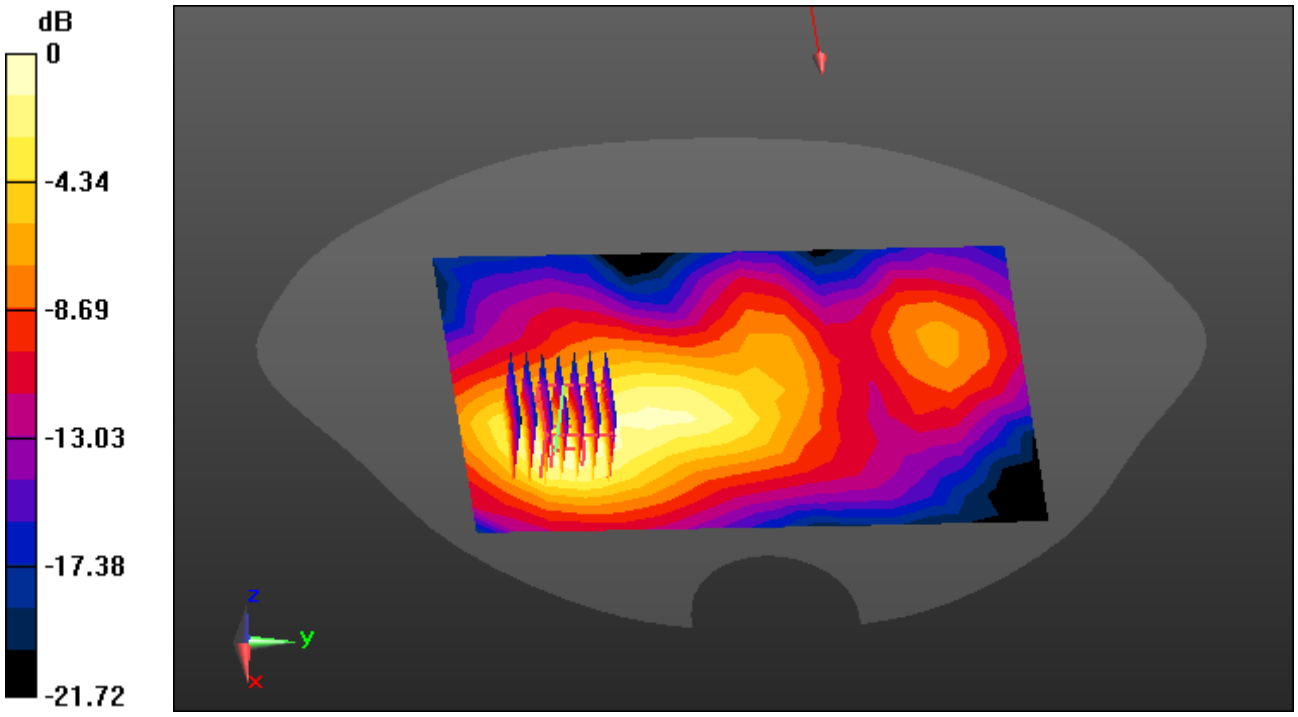
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.01, 7.01, 7.01) @ 2506 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-20; Ambient Temp: 20.2; Tissue Temp: 20.5

1.0 cm space from Body, Rear, LTE Band 41 Ch. 39750, Ant Internal

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

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.130 W/kg



0 dB = 0.360 W/kg

DUT: EB1173; Type: Bar

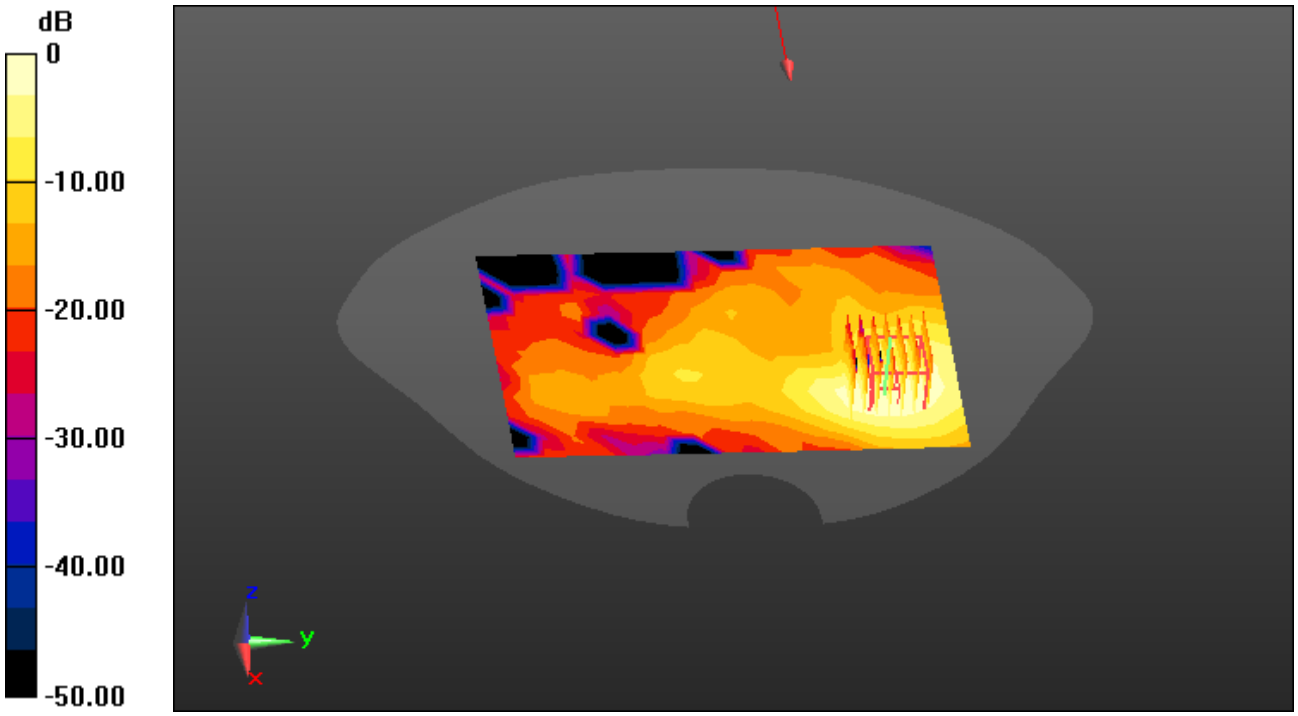
Communication System: UID 0, 1. W-LAN 2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.76 S/m; ε_r = 37.878; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2412 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-15; Ambient Temp: 20.1; Tissue Temp: 20.5

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

Area Scan (11x16x1): 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) = 0.149 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.037 W/kg



0 dB = 0.105 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

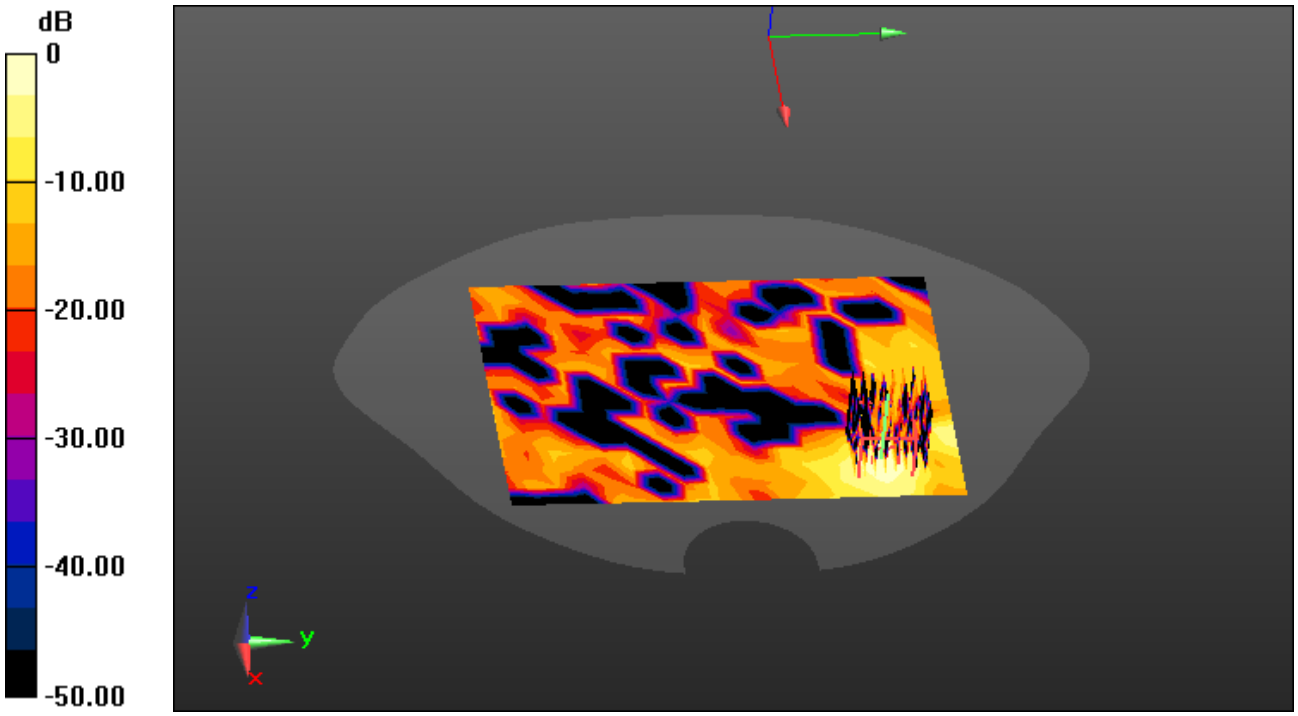
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.846 S/m; ε_r = 34.705; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.04, 5.04, 5.04) @ 5290 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-18; Ambient Temp: 20.2; Tissue Temp: 20.6

1.0 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 58, Ant Internal

Area Scan (14x19x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.00936 W/kg



0 dB = 0.0813 W/kg

Dt&C Co., Ltd.

DUT: EB1173; Type: Bar

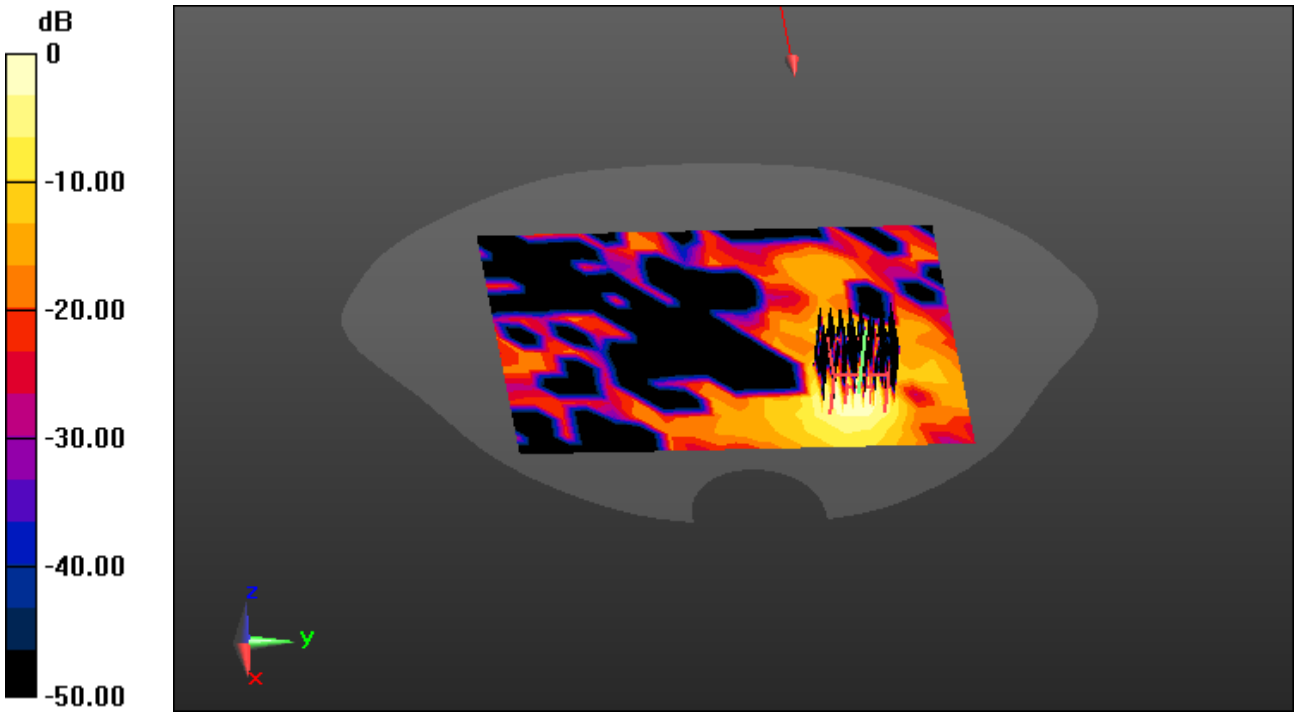
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5530 MHz; σ = 4.883 S/m; ε_r = 36.348; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5) @ 5530 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-19; Ambient Temp: 20.7; Tissue Temp: 20.2

1.0 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 106, Ant Internal

Area Scan (14x19x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.031 W/kg



0 dB = 0.224 W/kg

DUT: EB1173; Type: Bar

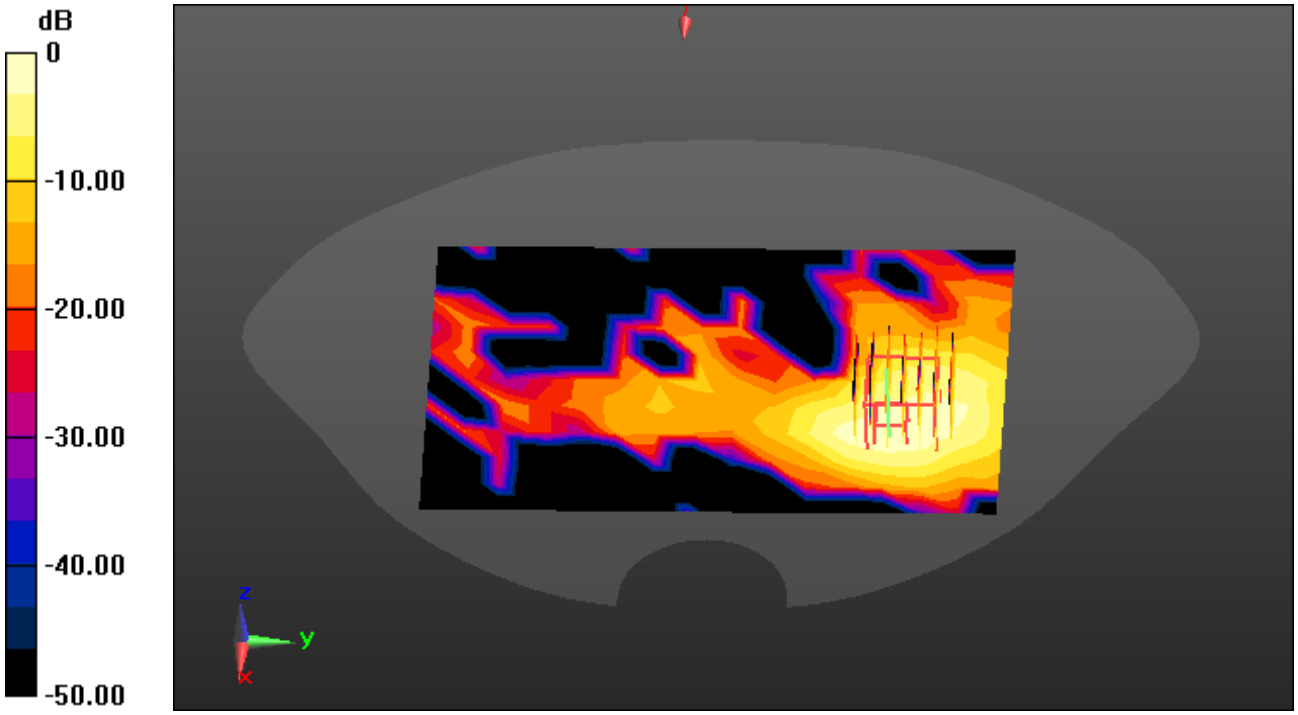
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.793 S/m; ε_r = 37.767; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2441 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-15 ; Ambient Temp: 20.1; Tissue Temp: 20.5

1.0 cm space from Body, Rear, Bluetooth BDR Ch. 39, Ant. Internal

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0610 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.013 W/kg



0 dB = 0.0424 W/kg

Dt&C Co., Ltd

DUT: EB1173; Type: Bar

Communication System: UID 0, LTE Band 41(TDD) (0); Frequency: 2506 MHz; Duty Cycle: 1:1.58
Medium parameters used: f = 2506 MHz; σ = 1.897 S/m; ε_r = 38.466; ρ = 1000 kg/m^3
Phantom section: Flat Section

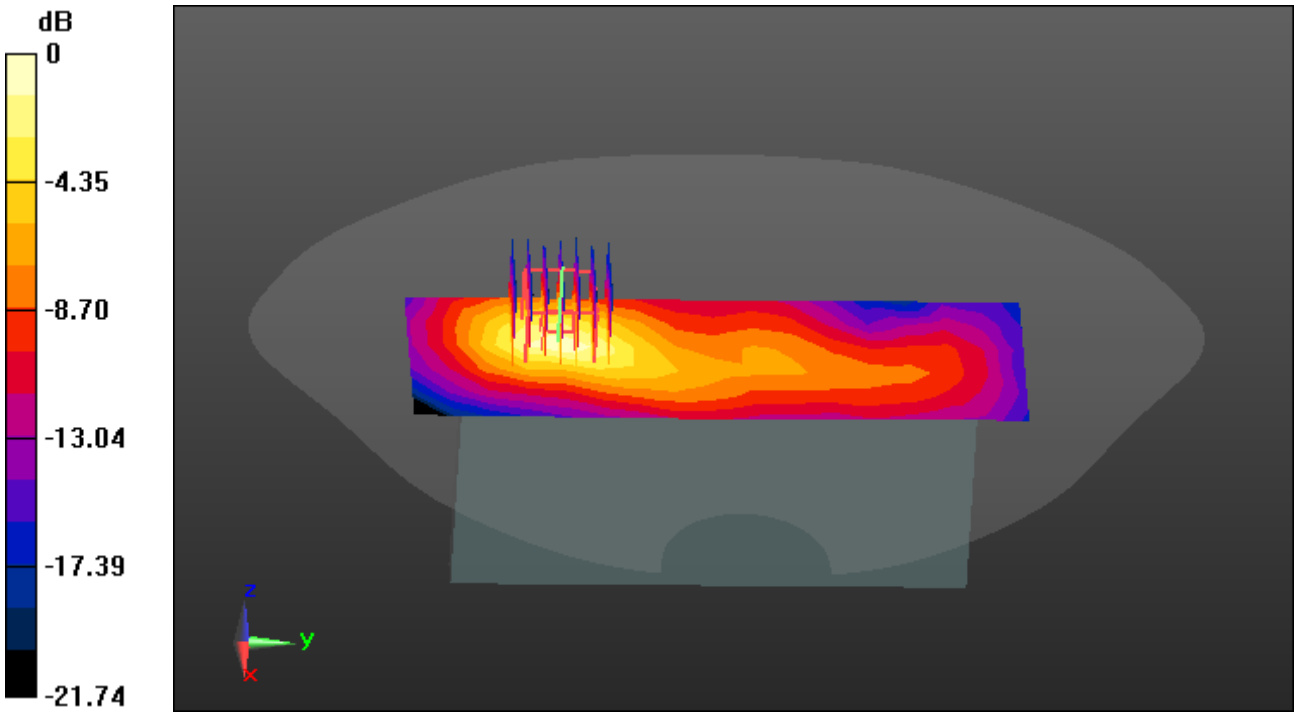
DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.01, 7.01, 7.01) @ 2506 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-20; Ambient Temp: 20.2; Tissue Temp: 20.5

1.0 cm space from Body, Left, LTE Band 41 Ch. 39750, Ant Internal

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

Area Scan (6x17x1): 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) = 0.561 W/kg
SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.139 W/kg



0 dB = 0.428 W/kg

DUT: EB1173; Type: Bar

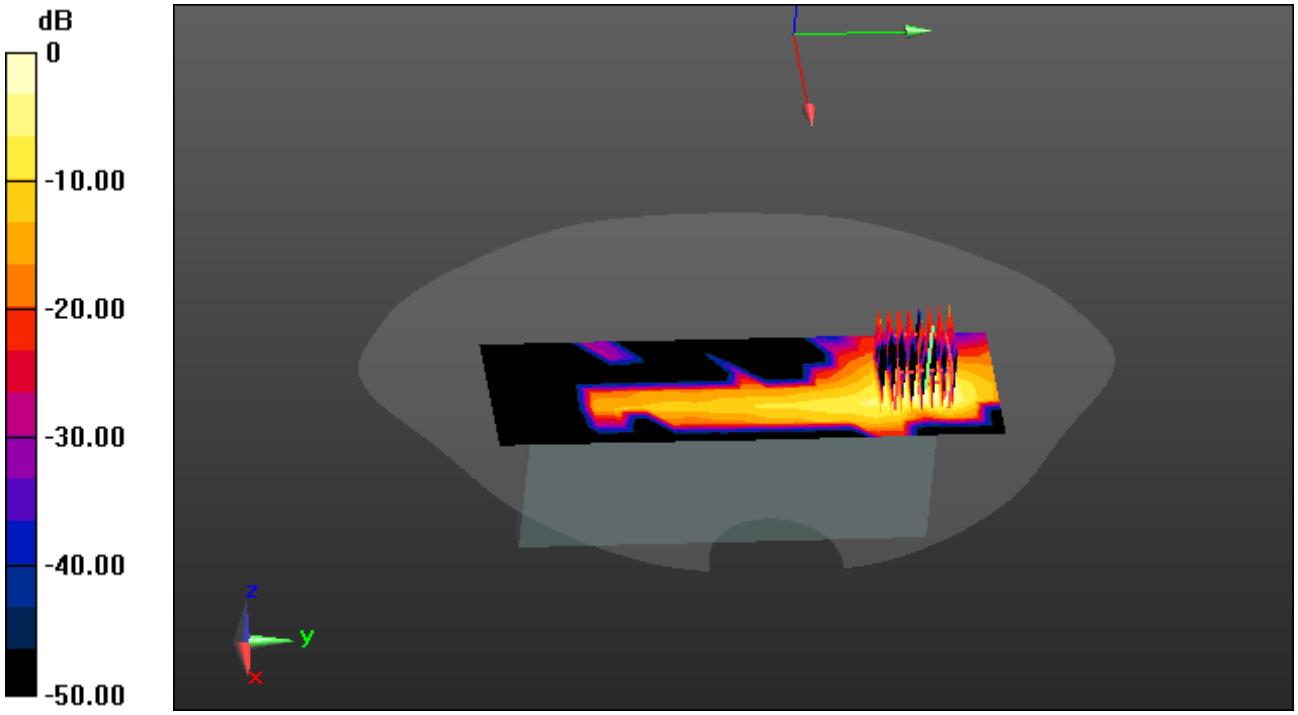
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.846 S/m; ε_r = 34.705; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(5.04, 5.04, 5.04) @ 5290 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-18; Ambient Temp: 20.2; Tissue Temp: 20.6

Touch from Body, Left, WLAN(802.11ac VHT80) Ch. 58, Ant. Internal

Area Scan (7x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.096 W/kg



0 dB = 0.784 W/kg

DUT: EB1173; Type: Bar

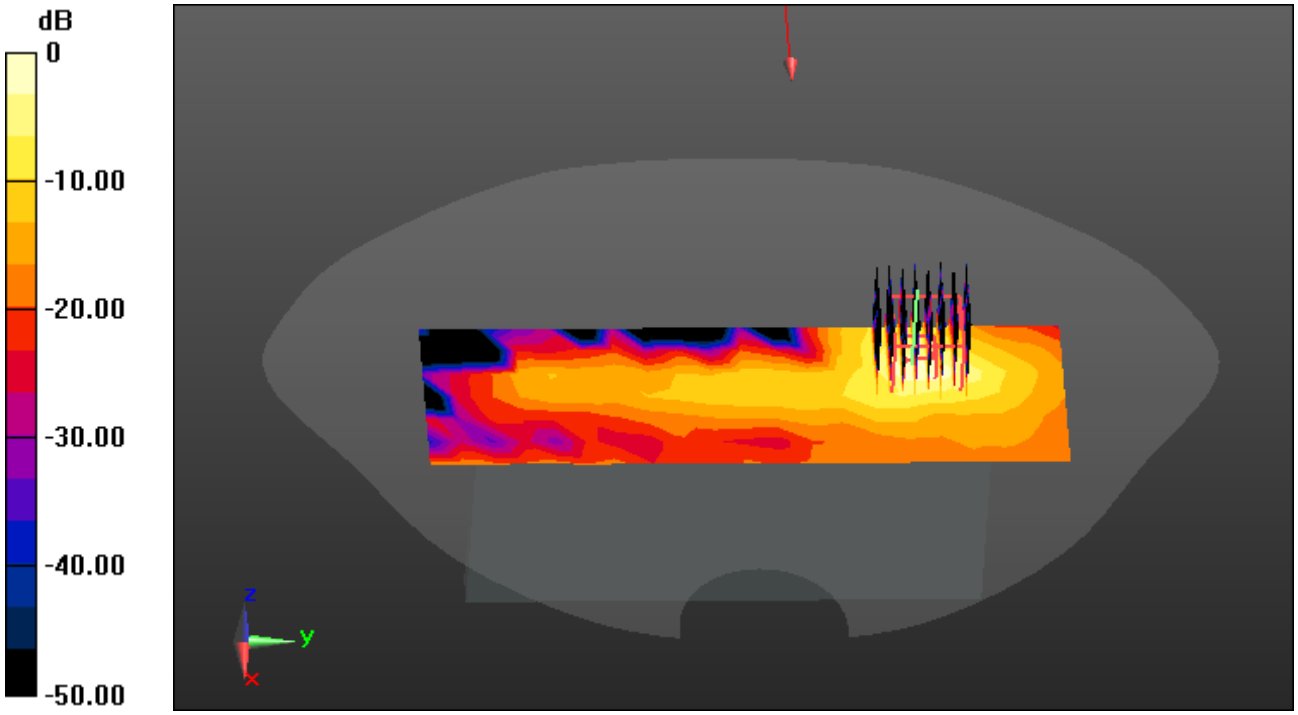
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5530 MHz; σ = 4.883 S/m; ε_r = 36.348; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5) @ 5530 MHz; Calibrated: 5/4/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-19; Ambient Temp: 20.7; Tissue Temp: 20.2

Touch from Body, Left, WLAN(802.11ac VHT80) Ch. 106, Ant. Internal

Area Scan (7x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.111 W/kg



0 dB = 1.00 W/kg

DUT: EB1173; Type: Bar

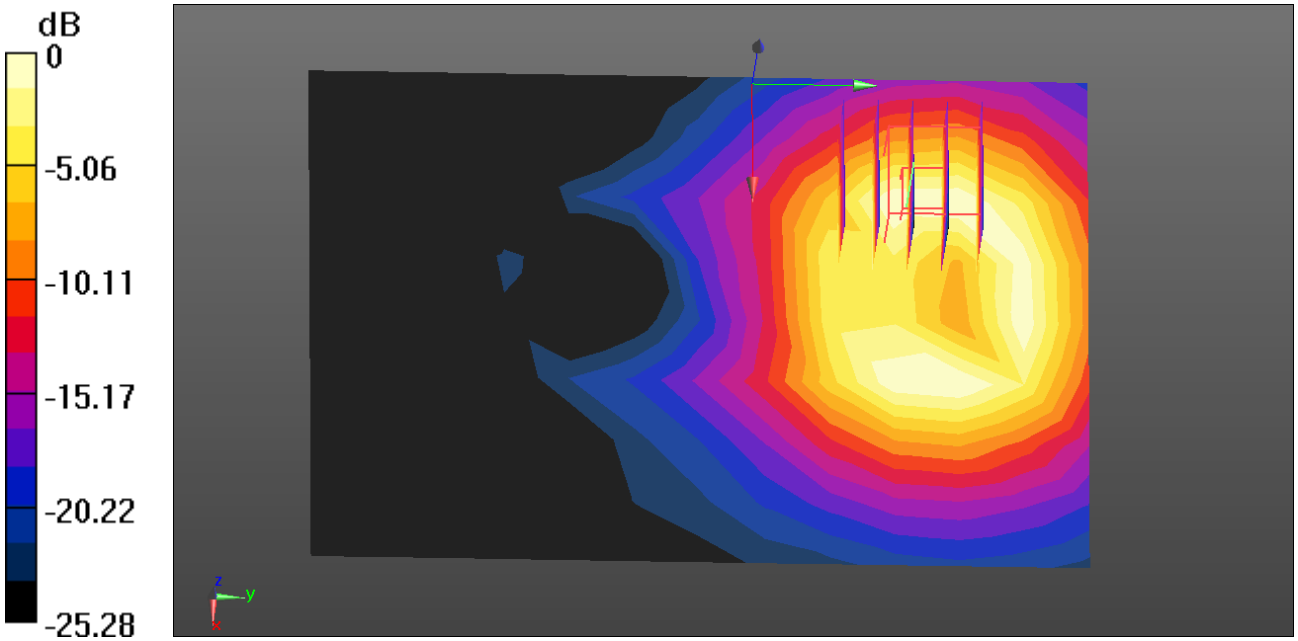
Communication System: UID 0, NFC (0); Frequency: 13.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 13.6 MHz; σ = 0.765 S/m; ε_r = 55.835; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(17.86, 17.86, 17.86) @ 13.6 MHz; Calibrated: 3/22/2023 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-09-14; Ambient Temp: 20.8; Tissue Temp: 21.2

Touch from Body, Rear, NFC Ch. 13600, Ant. Internal

Area Scan (9x13x1): 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) = 0.523 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.087 W/kg



0 dB = 0.325 W/kg