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

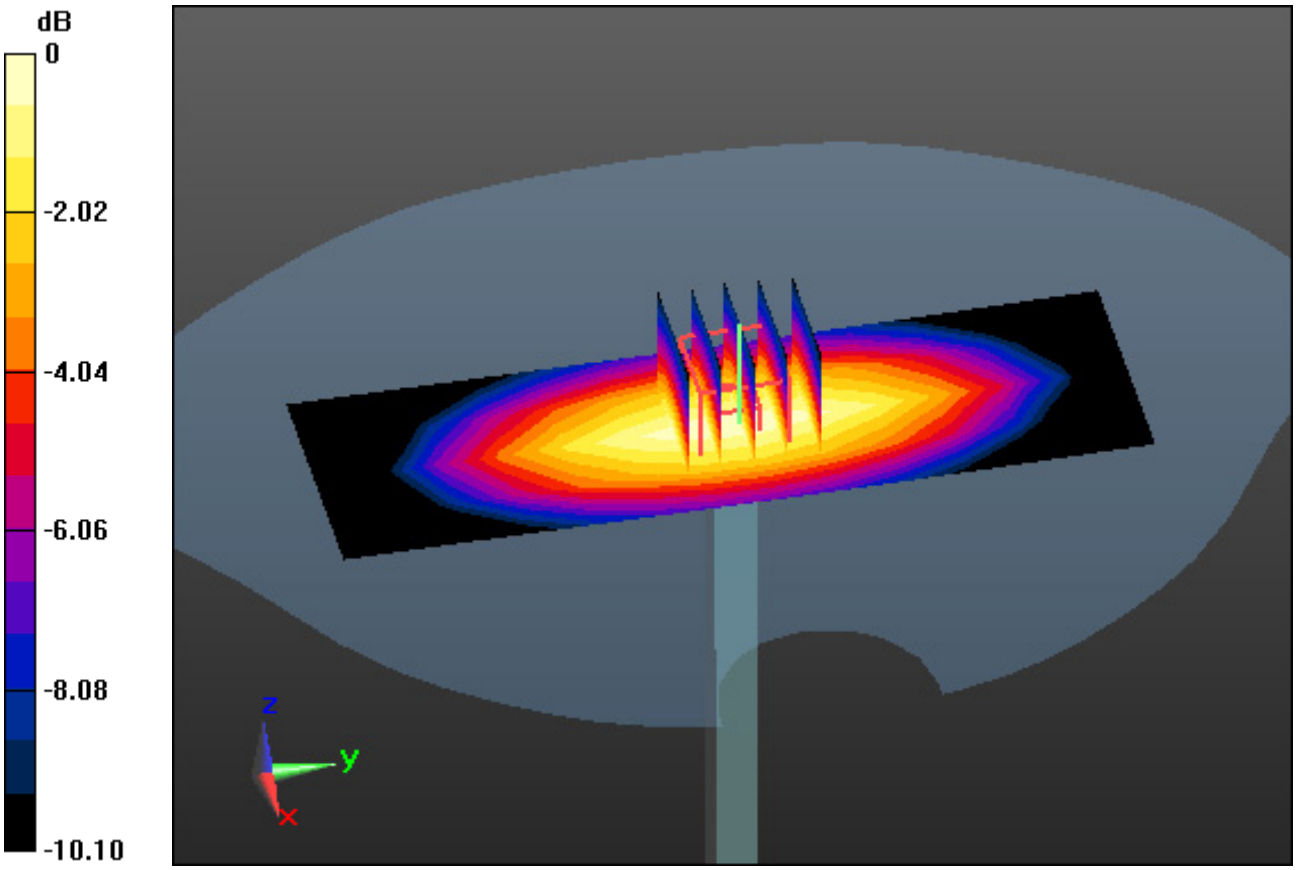
Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.874 S/m; ε_r = 41.49; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.36, 6.41); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-09; Ambient Temp: 20.9; Tissue Temp: 20.8

750 MHz System Verification (250 mW)

Area Scan (5x14x1): 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) = 3.29 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.45 W/kg



0 dB = 2.56 W/kg

Dt&C Co., Ltd.

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

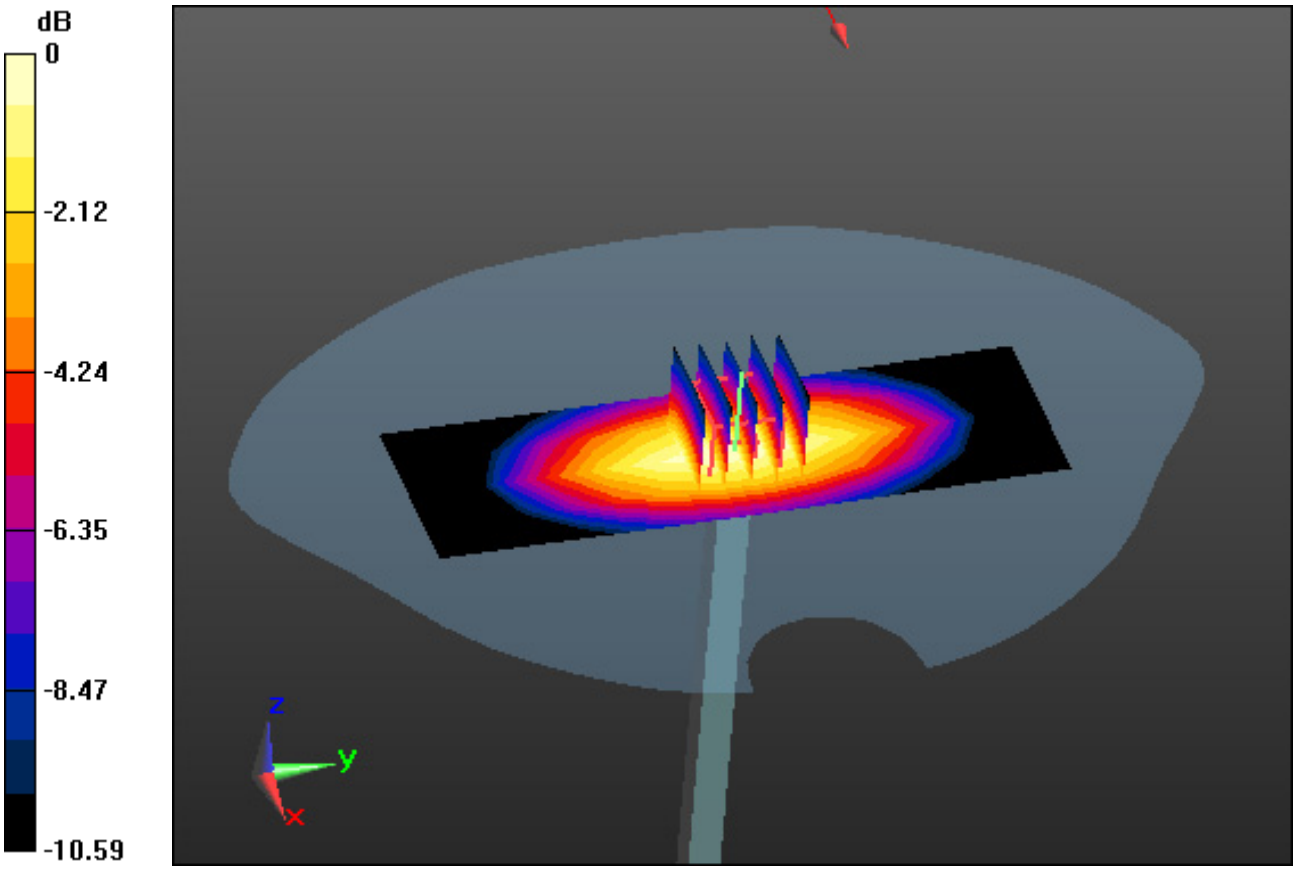
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.928 S/m; ε_r = 40.861; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; Tissue Temp: 21.0

835 MHz System Verification (250 mW)

Area Scan (5x14x1): 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) = 3.73 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.6 W/kg



0 dB = 2.84 W/kg

Dt&C Co., Ltd.

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

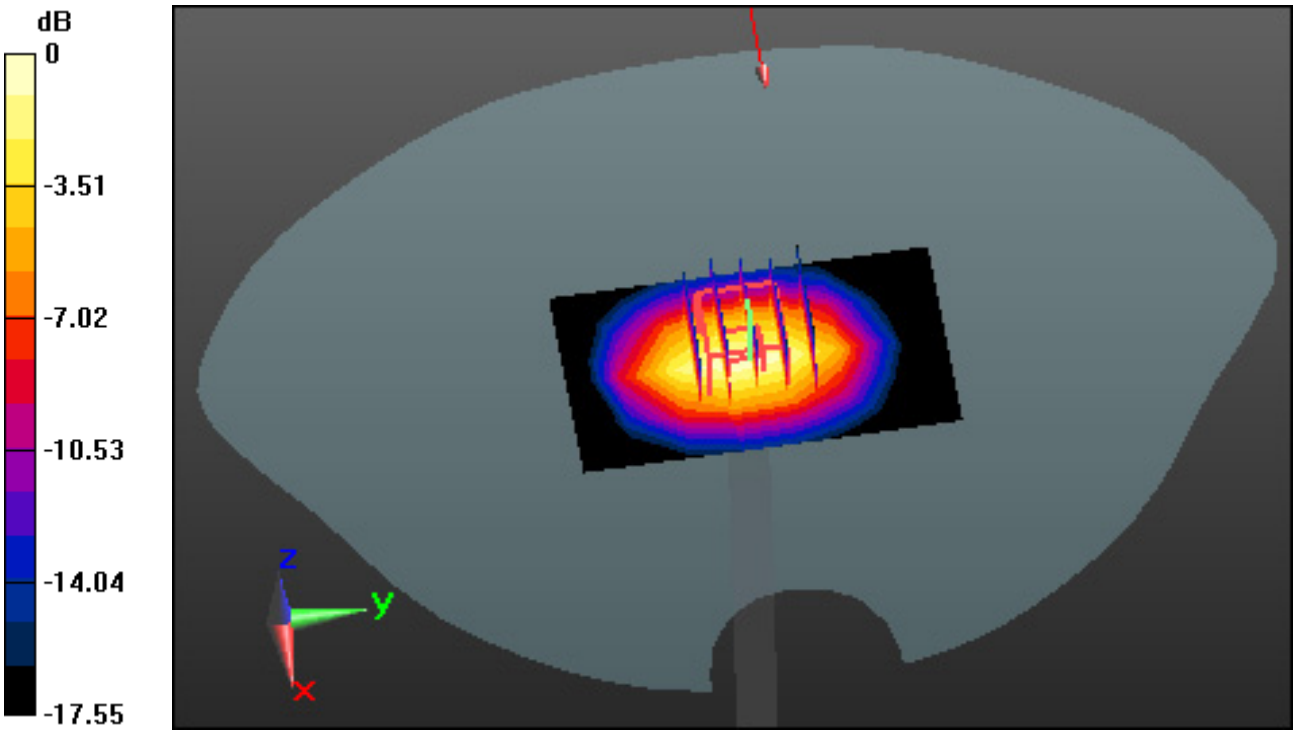
Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1800 MHz; σ = 1.398 S/m; ε_r = 39.209; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.17, 5.66, 5.64); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-12; Ambient Temp: 20.5; Tissue Temp: 20.4

1 800 MHz System Verification (100 mW)

Area Scan (5x8x1): 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) = 7.19 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) = 2.04 W/kg



0 dB = 4.84 W/kg

Dt&C Co., Ltd.

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

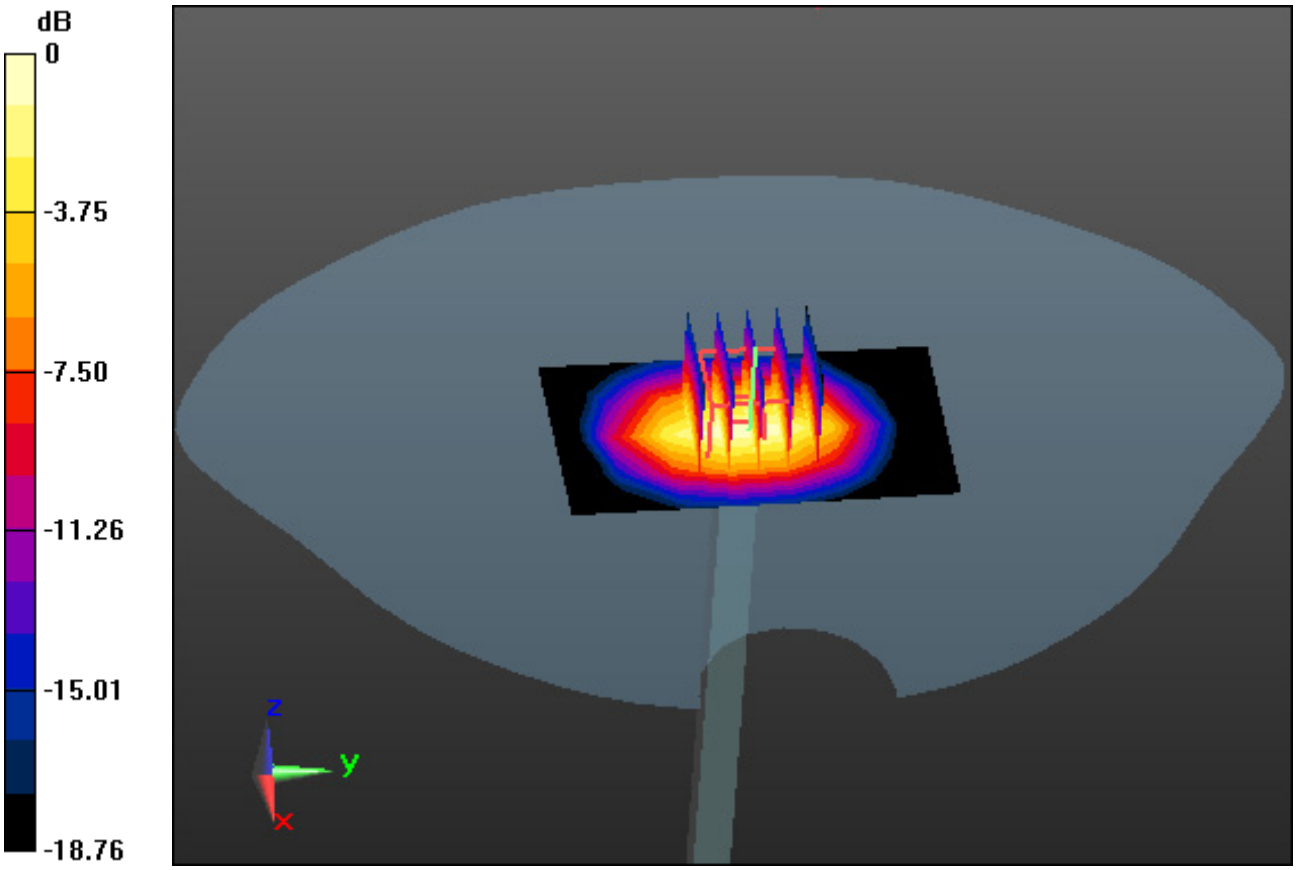
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.392 S/m; ε_r = 40.253; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-13; Ambient Temp: 21.3; Tissue Temp: 21.2

1 900 MHz System Verification (100 mW)

Area Scan (5x8x1): 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) = 7.99 W/kg
SAR(1 g) = 4.18 W/kg; SAR(10 g) = 2.15 W/kg



0 dB = 5.27 W/kg

Dt&C Co., Ltd.

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

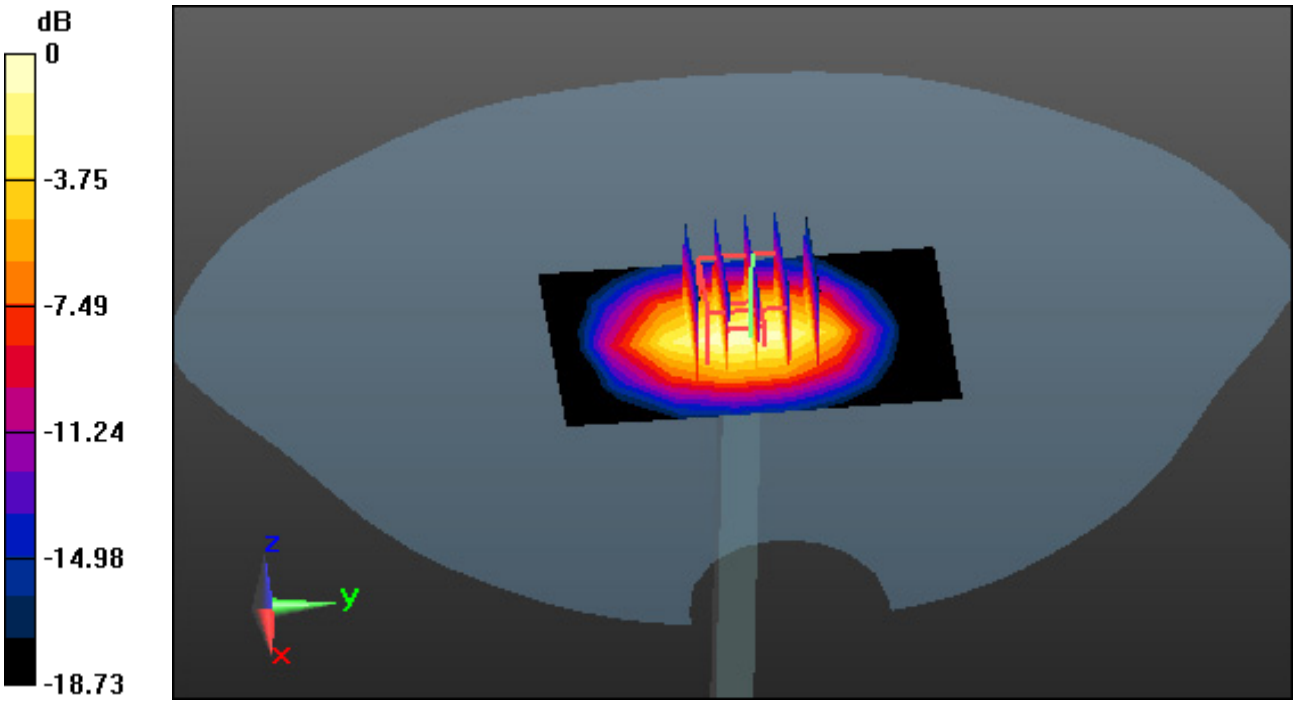
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.396 S/m; ε_r = 41.305; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-14; Ambient Temp: 21.7; Tissue Temp: 21.6

1 900 MHz System Verification (100 mW)

Area Scan (5x8x1): 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) = 7.99 W/kg
SAR(1 g) = 4.19 W/kg; SAR(10 g) = 2.16 W/kg



0 dB = 5.27 W/kg

Dt&C Co., Ltd.

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

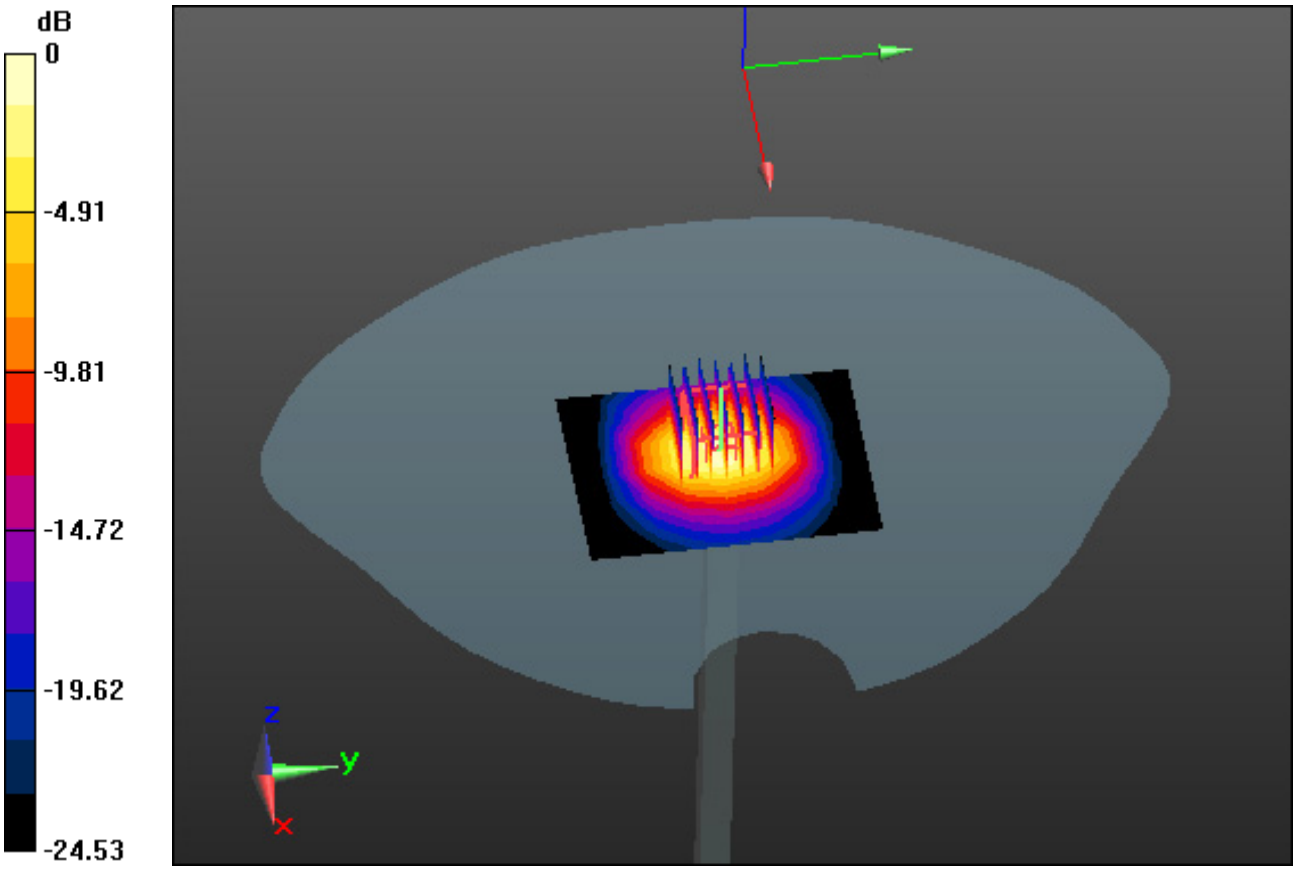
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.8 S/m; ε_r = 38.464; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

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 = 0.08 dB
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.41 W/kg



0 dB = 6.93 W/kg

Dt&C Co., Ltd.

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

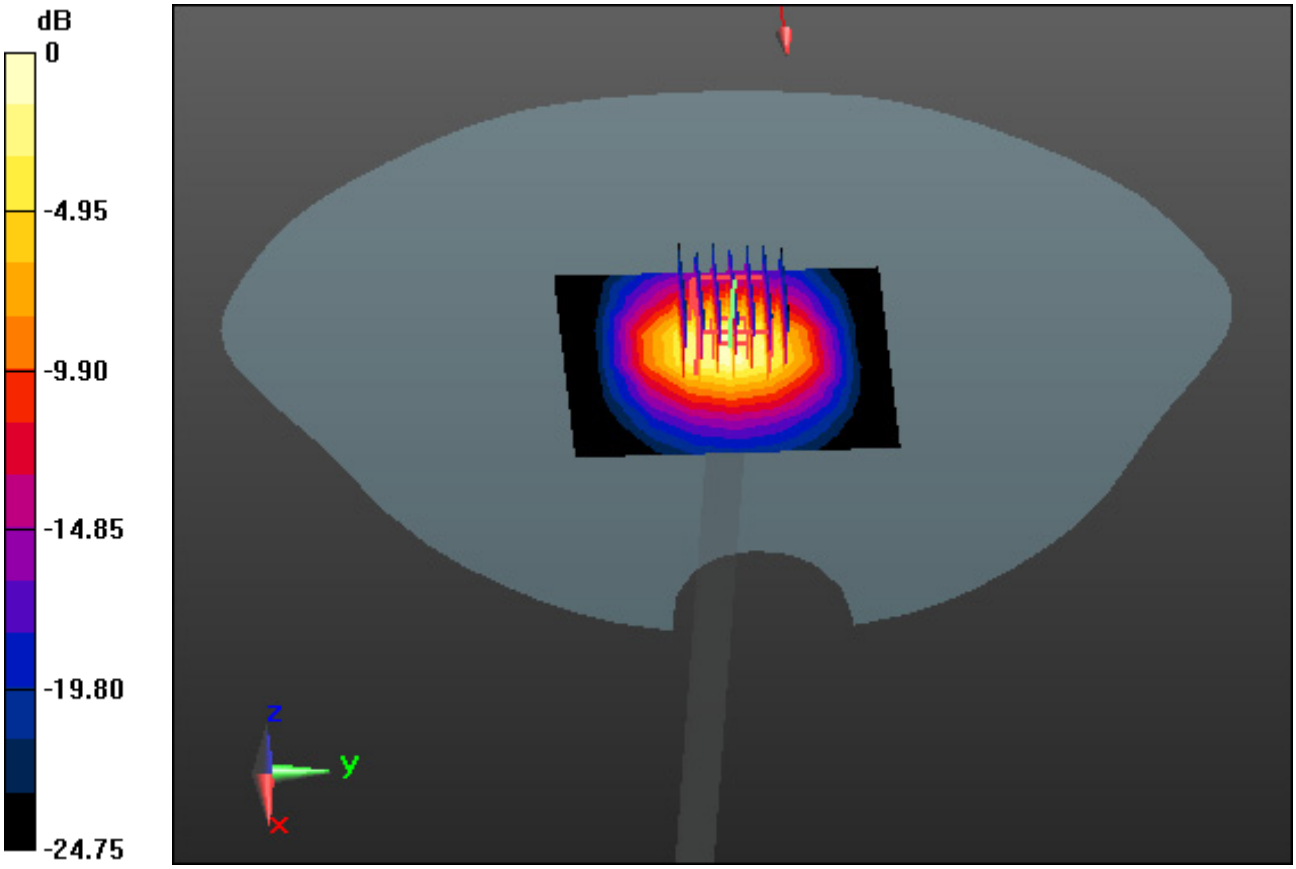
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.856 S/m; ε_r = 39.143; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

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 = 0.08 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 5.55 W/kg; SAR(10 g) = 2.51 W/kg



0 dB = 7.23 W/kg

Dt&C Co., Ltd.

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

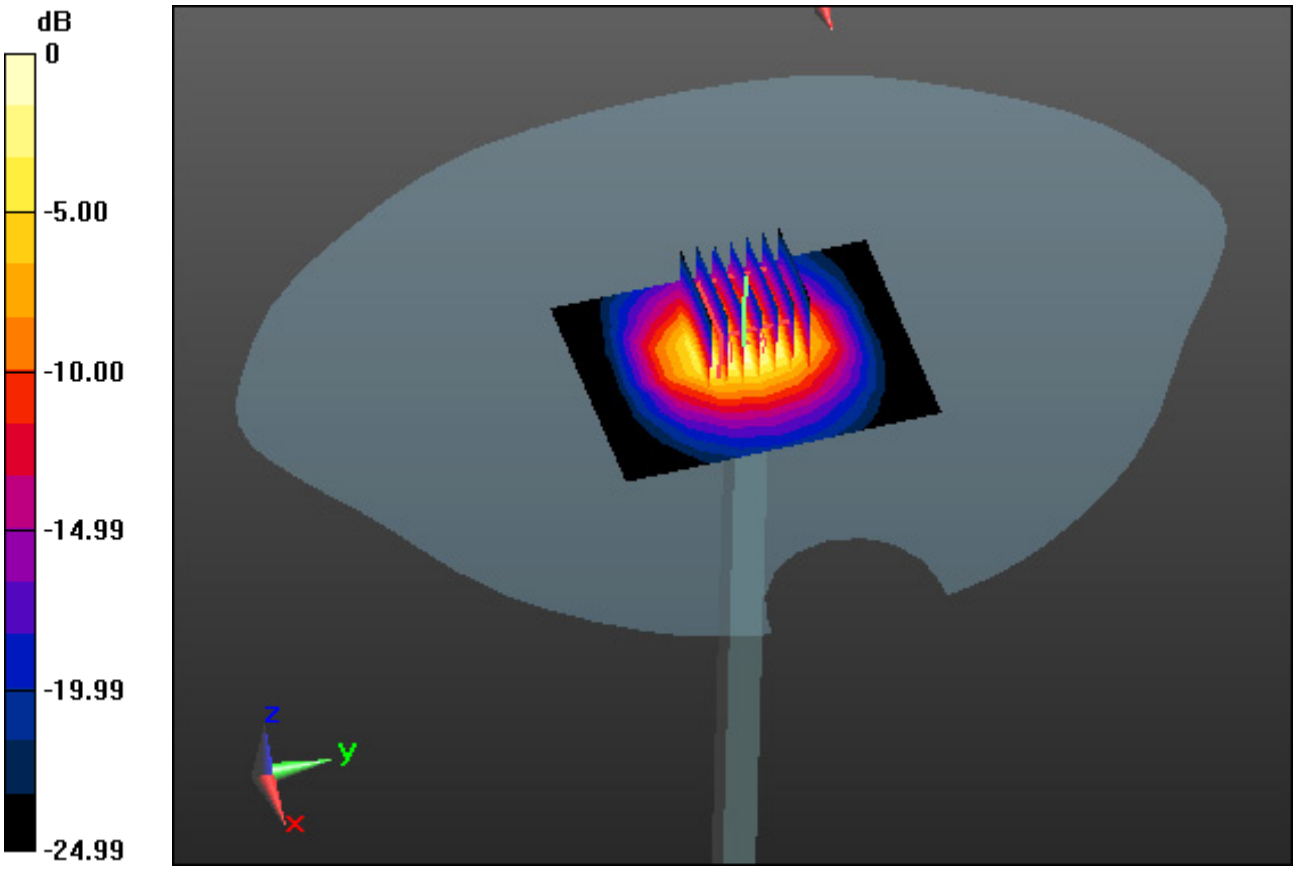
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.95 S/m; ε_r = 39.227; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.1, 4.67, 4.73); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-17; Ambient Temp: 21.2; Tissue Temp: 21.1

2 600 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 = 0.07 dB
Peak SAR (extrapolated) = 14.0 W/kg
SAR(1 g) = 5.91 W/kg; SAR(10 g) = 2.57 W/kg



0 dB = 8.01 W/kg

Dt&C Co., Ltd.

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

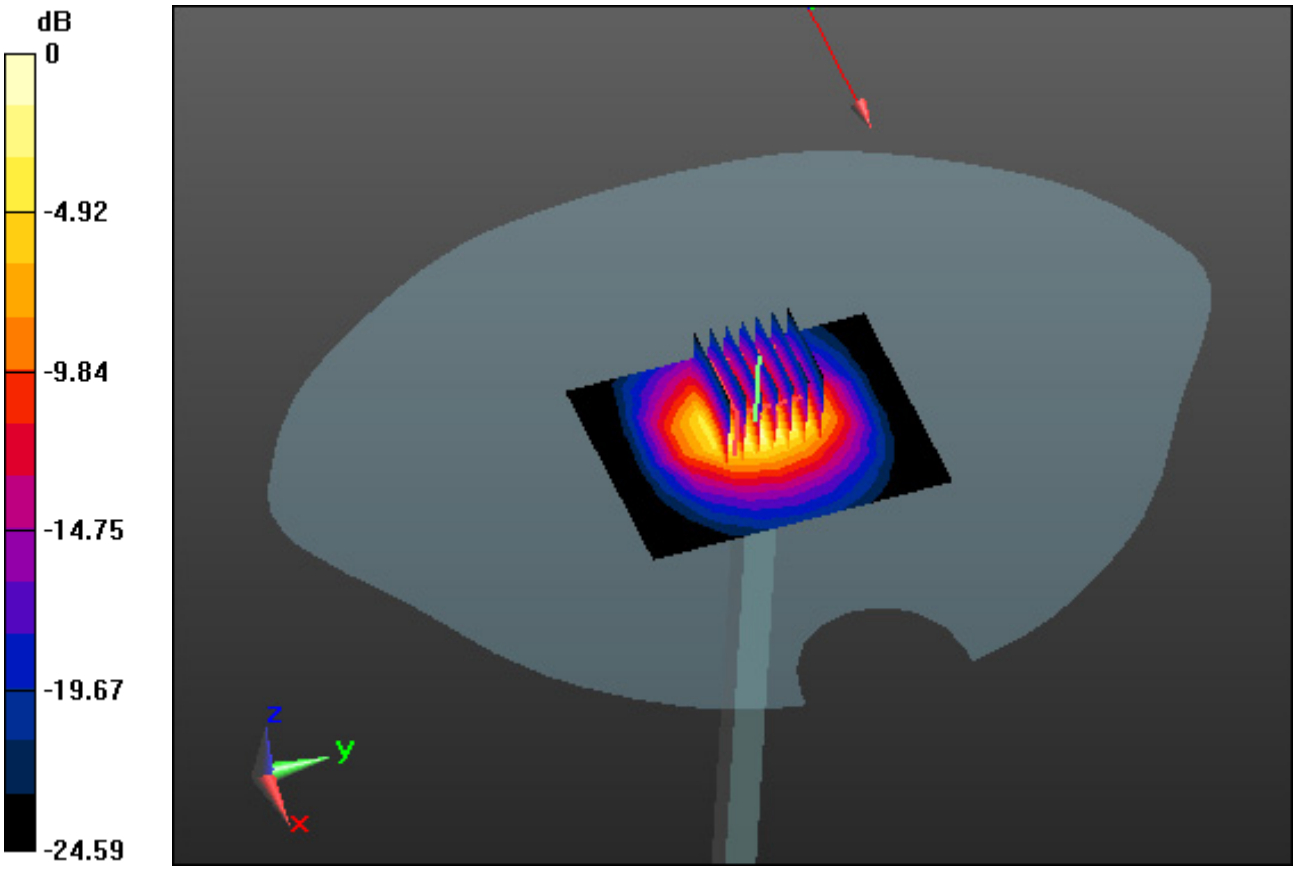
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.911 S/m; ε_r = 38.075; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.1, 4.67, 4.73); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-23; Ambient Temp: 21.3; Tissue Temp: 21.2

2 600 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 = 0.10 dB
Peak SAR (extrapolated) = 13.4 W/kg
SAR(1 g) = 5.75 W/kg; SAR(10 g) = 2.51 W/kg



0 dB = 7.73 W/kg

Dt&C Co., Ltd.

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

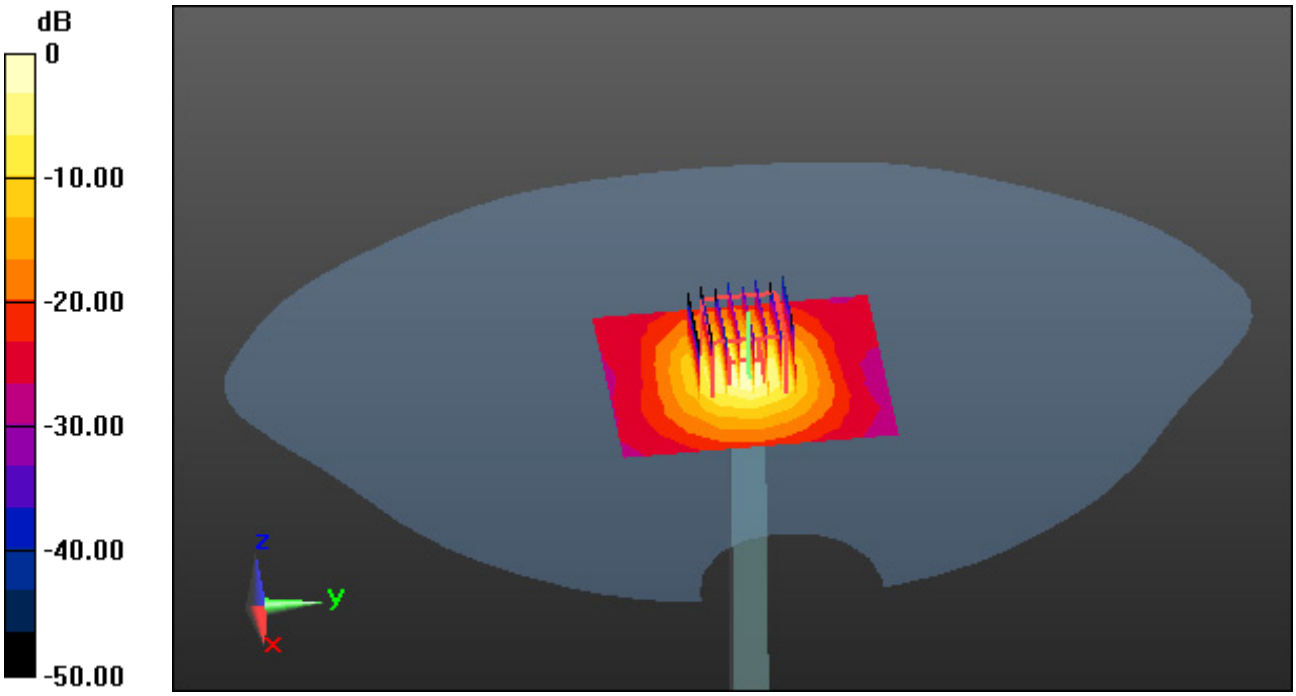
Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.65 S/m; ε_r = 35.864; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.64, 5.64, 5.64); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

5 200 MHz System Verification (100 mW)

Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 7.67 W/kg; SAR(10 g) = 2.23 W/kg



0 dB = 17.7 W/kg

Dt&C Co., Ltd.

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

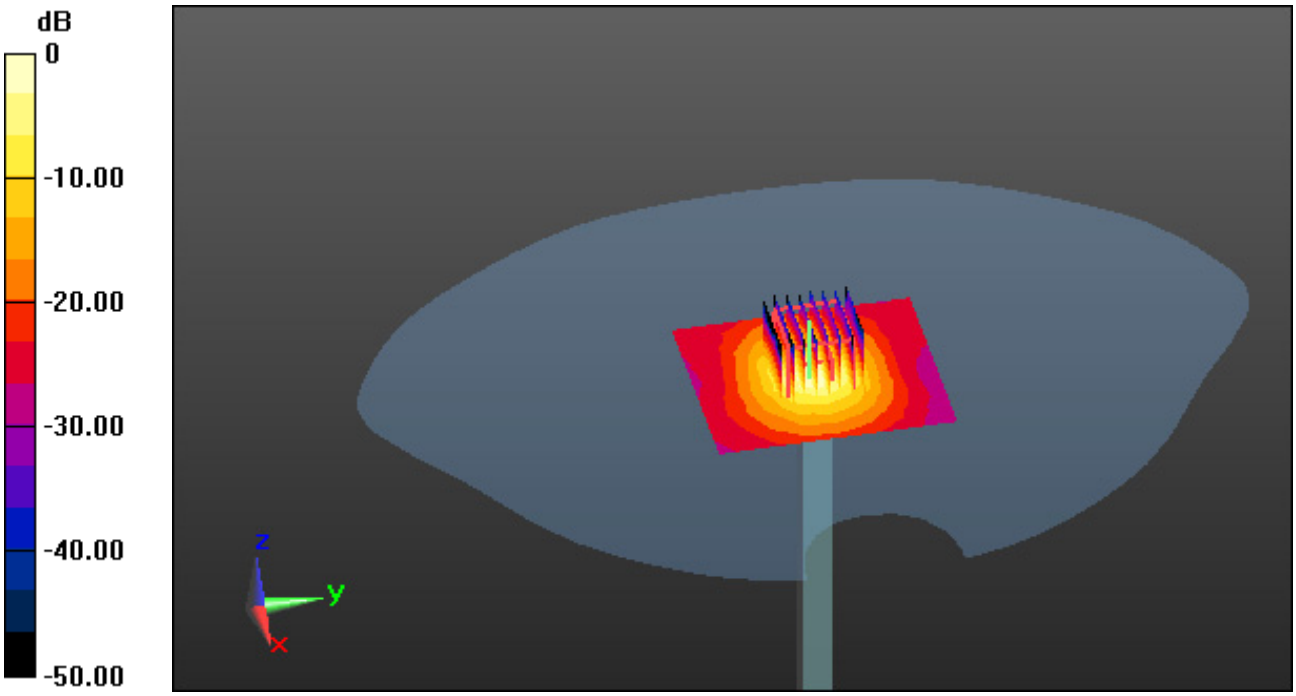
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.774 S/m; ε_r = 35.65; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

5 300 MHz System Verification (100 mW)

Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 18.6 W/kg

Dt&C Co., Ltd.

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

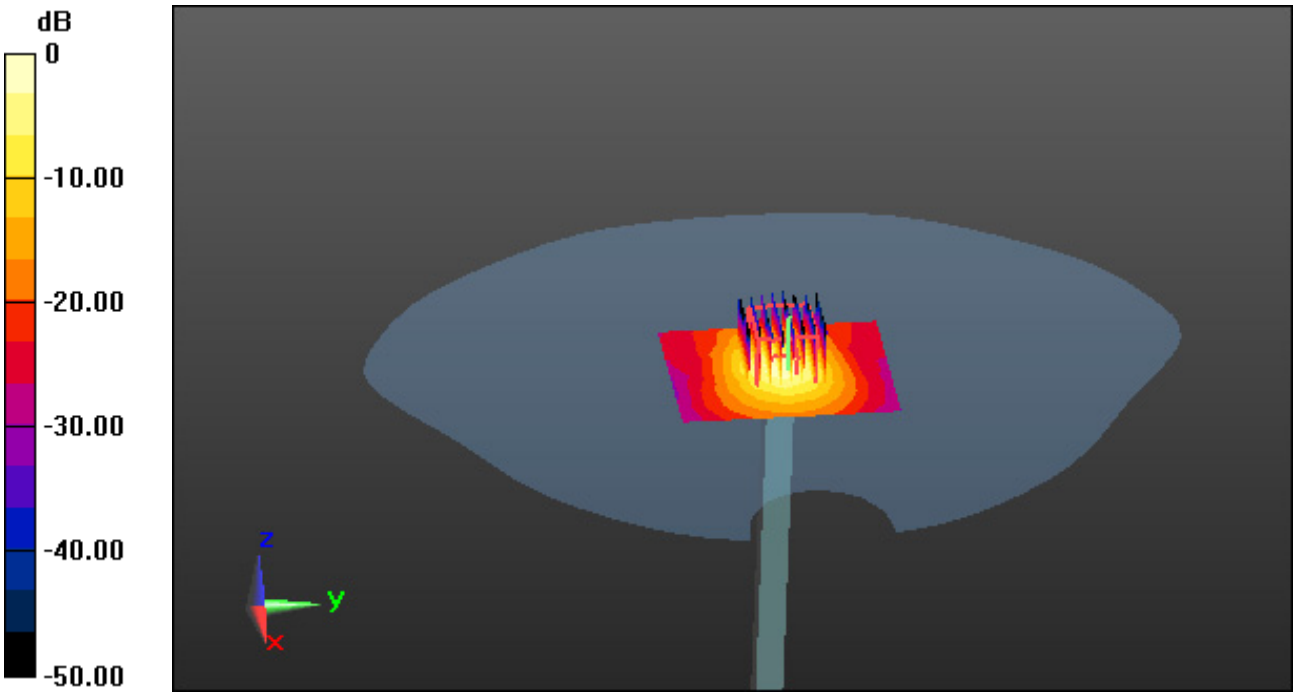
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.063 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

5 500 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 = 0.13 dB
Peak SAR (extrapolated) = 35.4 W/kg
SAR(1 g) = 8.41 W/kg; SAR(10 g) = 2.44 W/kg



0 dB = 20.3 W/kg

Dt&C Co., Ltd.

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

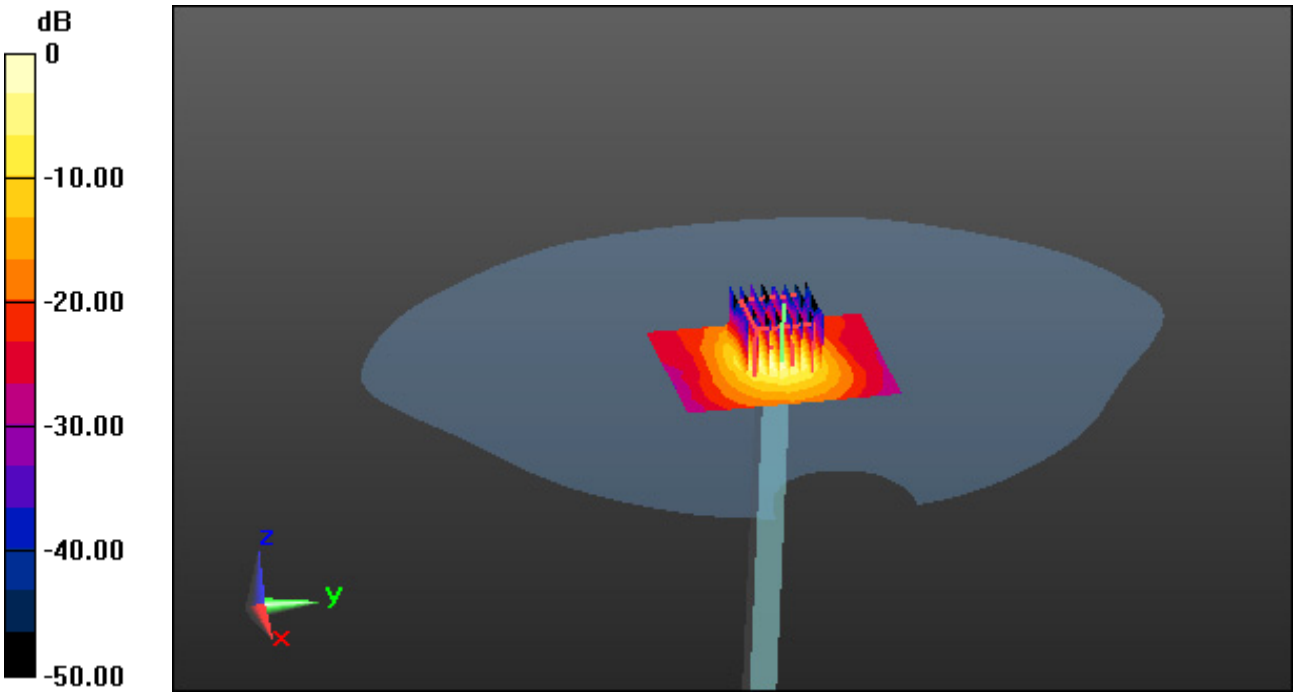
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.197 S/m; ε_r = 35.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.95, 4.95, 4.95); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

5 600 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 = 0.19 dB
Peak SAR (extrapolated) = 37.7 W/kg
SAR(1 g) = 8.83 W/kg; SAR(10 g) = 2.46 W/kg



0 dB = 21.3 W/kg

Dt&C Co., Ltd.

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

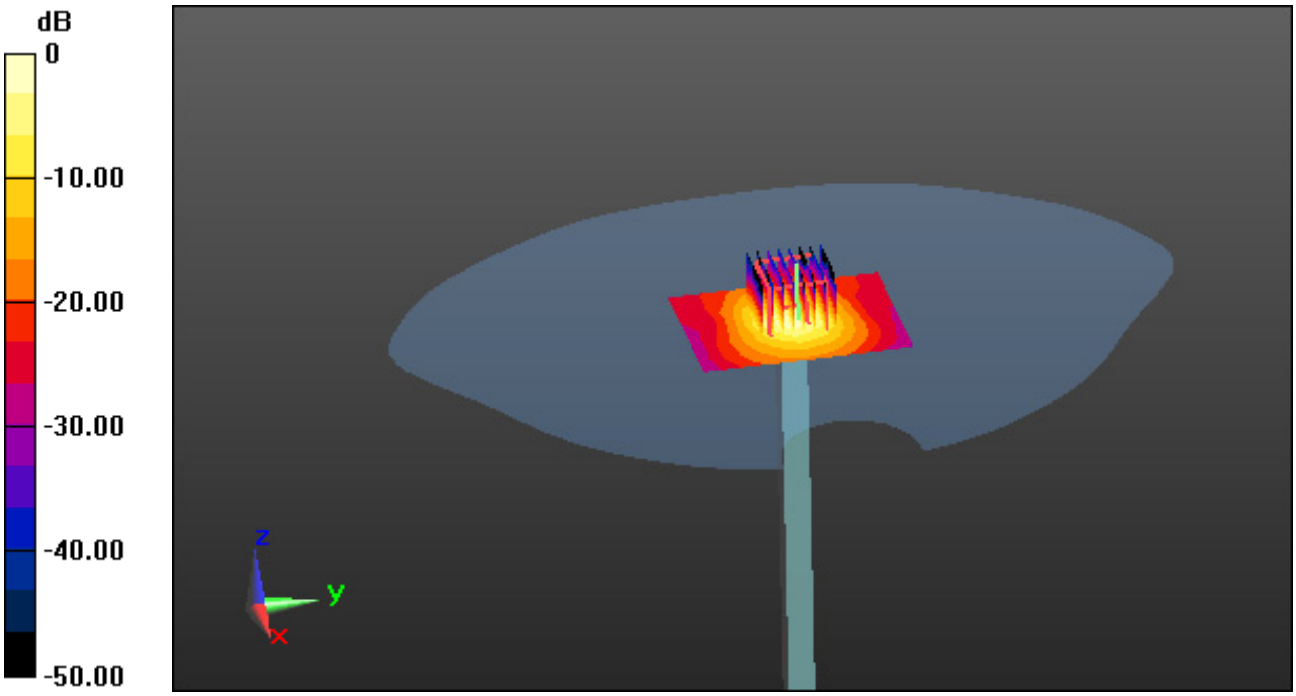
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.452 S/m; ε_r = 34.782; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

5 800 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) = 37.8 W/kg
SAR(1 g) = 8.45 W/kg; SAR(10 g) = 2.34 W/kg



0 dB = 20.9 W/kg

Dt&C Co., Ltd.

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

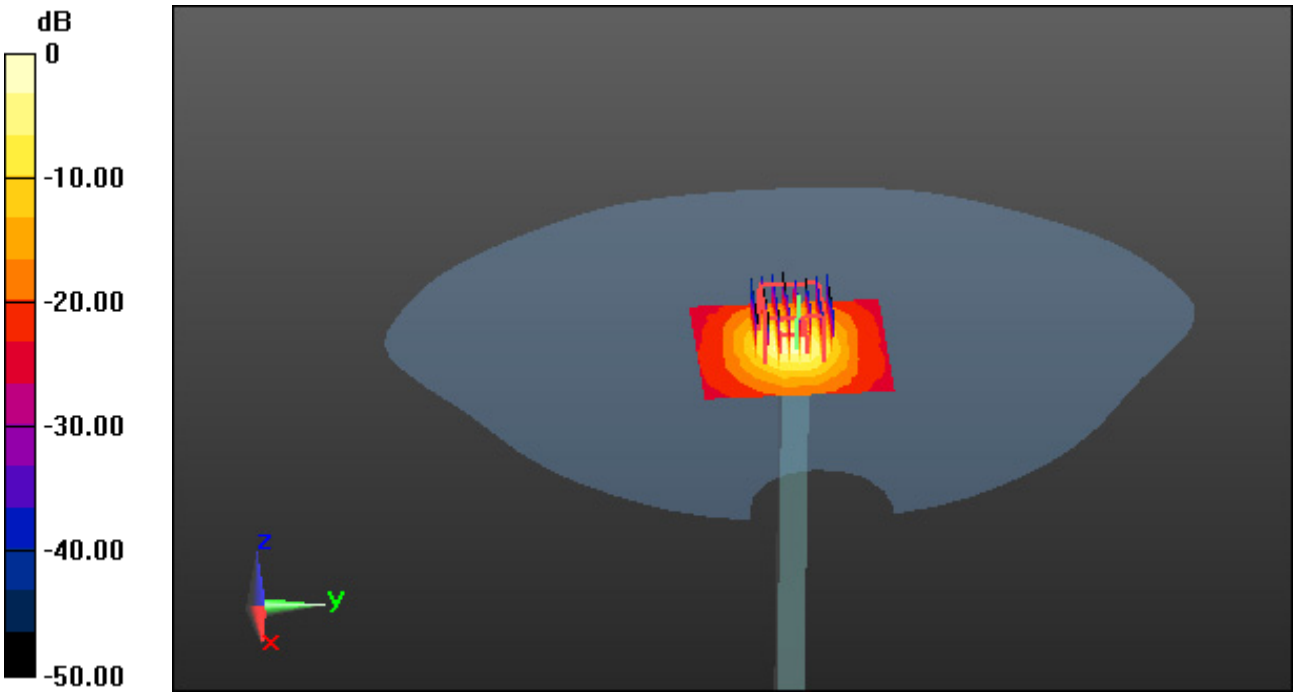
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.298 S/m; ε_r = 35.729; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

5 800 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 = 0.14 dB
Peak SAR (extrapolated) = 37.5 W/kg
SAR(1 g) = 8.48 W/kg; SAR(10 g) = 2.42 W/kg



0 dB = 19.8 W/kg

Dt&C Co., Ltd.

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

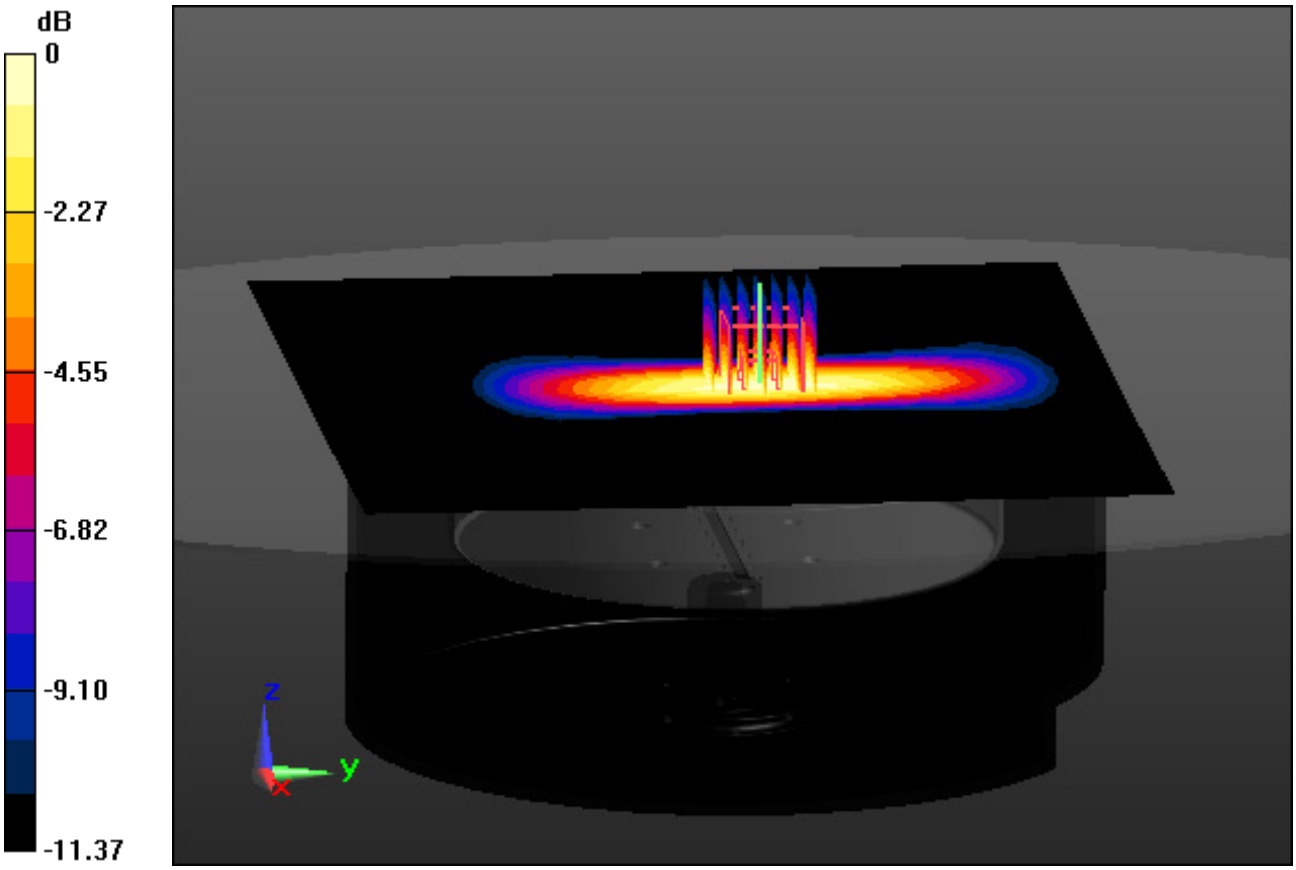
Communication System: UID 0, CW (0); Frequency: 13 MHz;Duty Cycle: 1:1
Medium parameters used: f = 13 MHz; σ = 0.73 S/m; ε_r = 54.388; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(17.86, 17.86, 17.86); Calibrated: 3/22/2023 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0_Left_20170922; Type: QDOVA003AA; Serial: 2039
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-26; Ambient Temp: 21.4; Tissue Temp: 21.3

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 = 0.01 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.079 W/kg



0 dB = 0.164 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

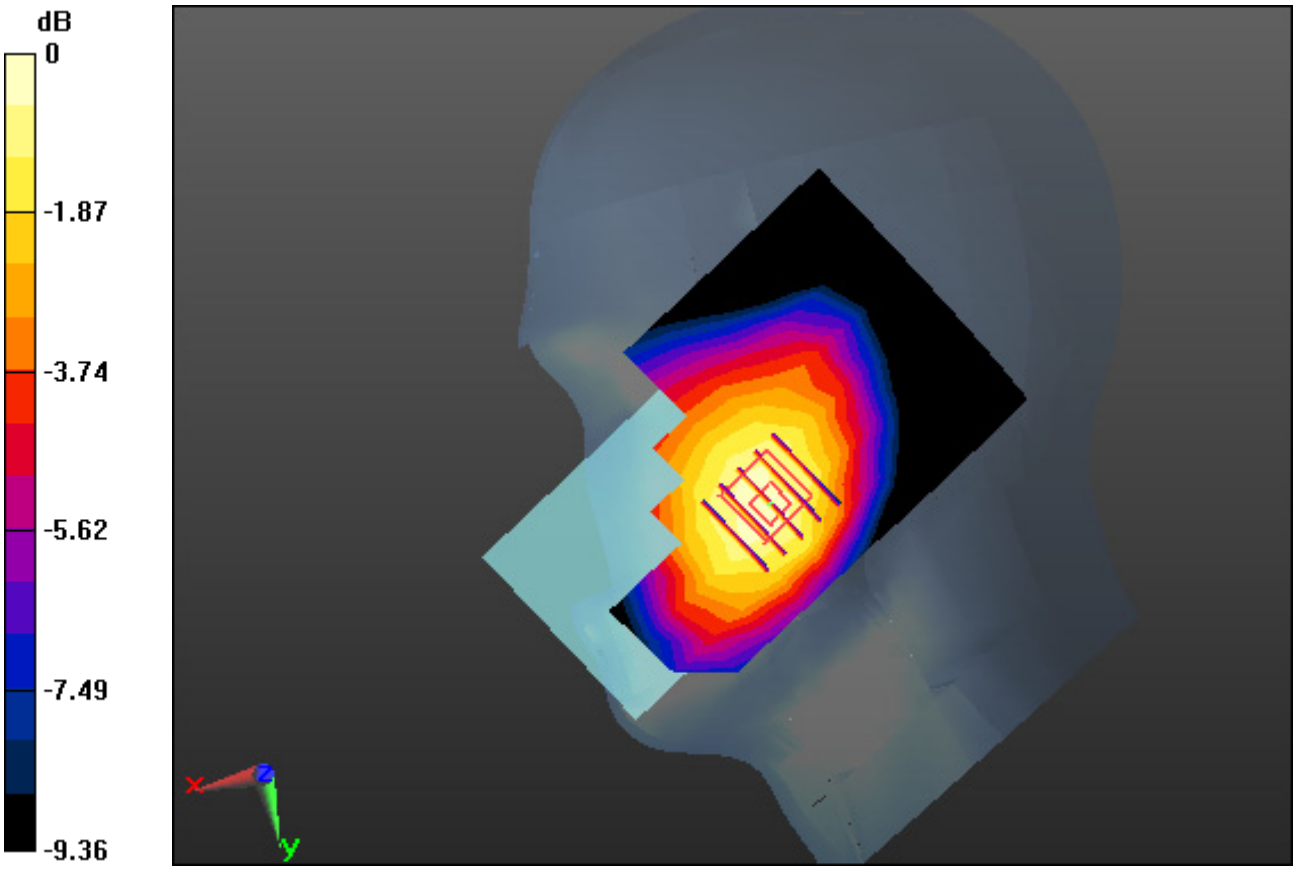
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.928 S/m; ε_r = 40.85; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; Tissue Temp: 21.0

Right Touch, GSM 850 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 = 0.11 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.160 W/kg



0 dB = 0.234 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

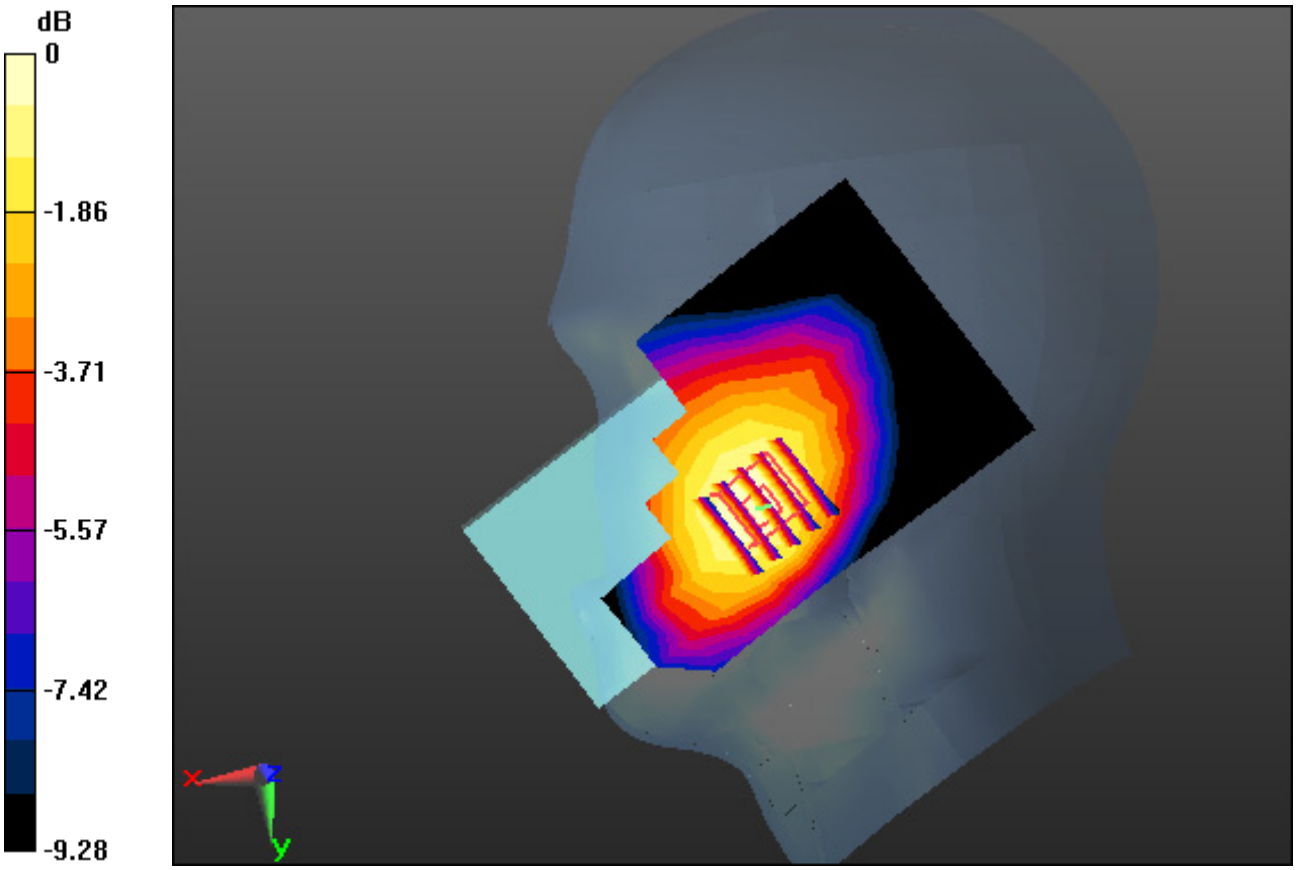
Communication System: UID 0, GSM 850_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.928 S/m; ε_r = 40.85; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; Tissue Temp: 21.0

Right Touch, GSM 850 GPRS 3 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 = 0.09 dB
Peak SAR (extrapolated) = 0.355 W/kg
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.209 W/kg



0 dB = 0.303 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

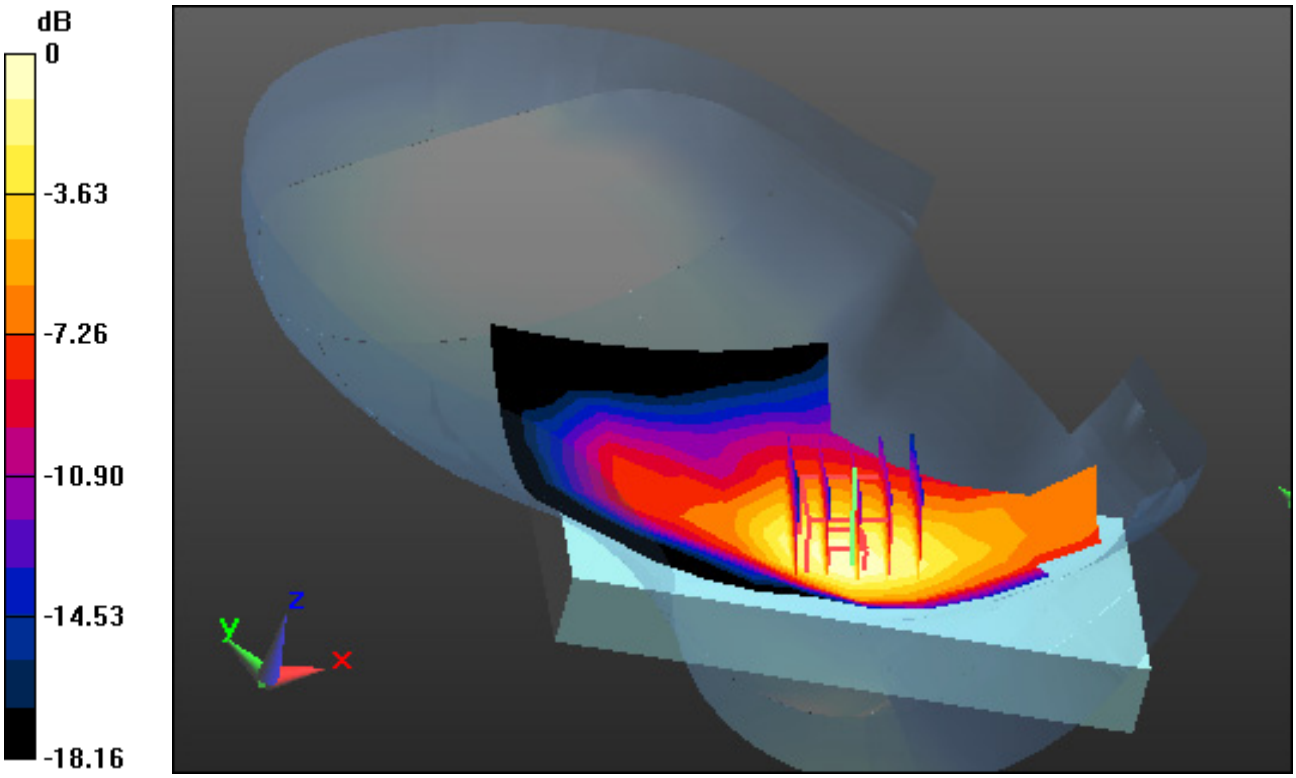
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.377 S/m; ε_r = 41.373; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-14; Ambient Temp: 21.7; Tissue Temp: 21.6

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.184 W/kg



0 dB = 0.353 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

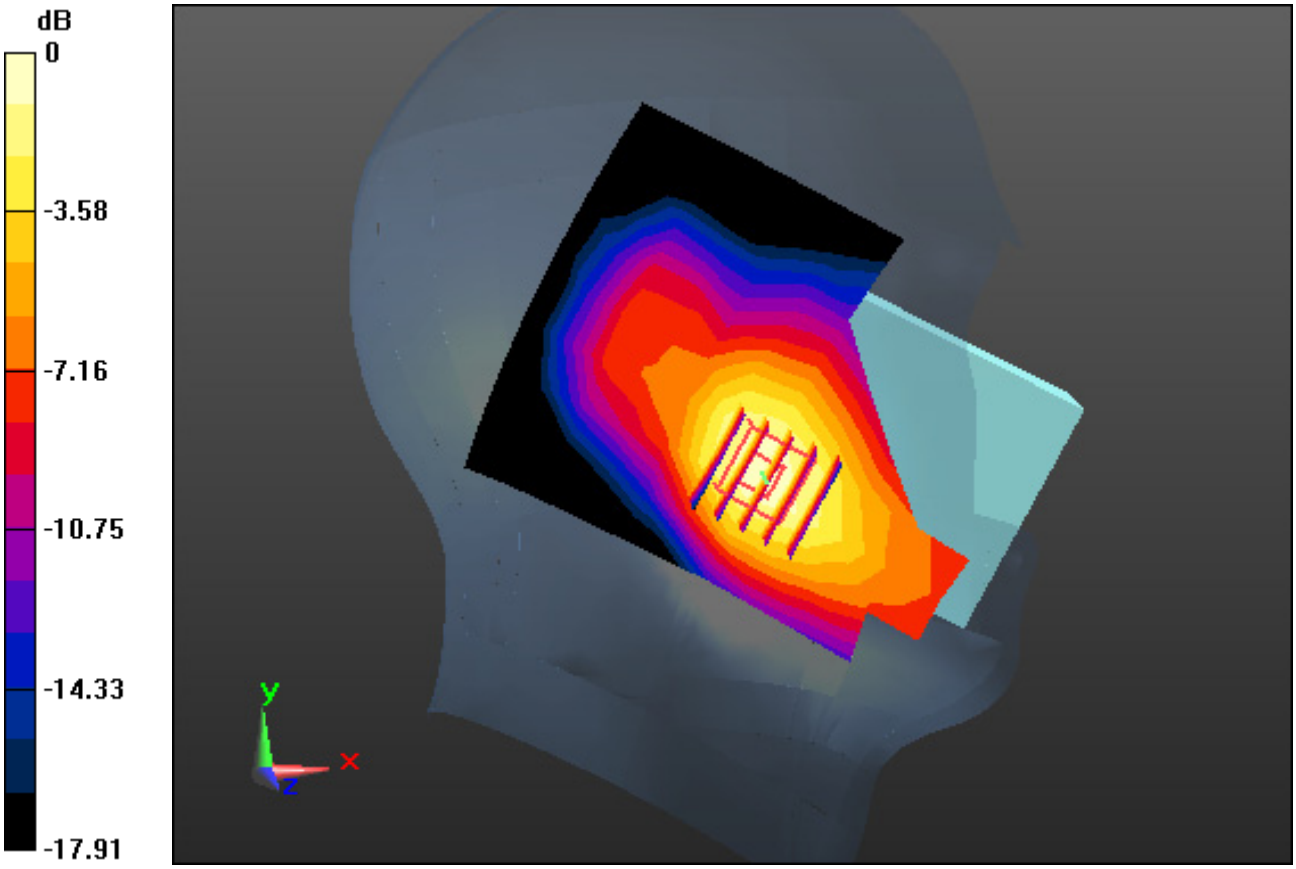
Communication System: UID 0, PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.377 S/m; ε_r = 41.373; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-14; Ambient Temp: 21.7; Tissue Temp: 21.6

Left Touch, PCS 1900 GPRS 3 Tx, Ant Internal, Standard Battery

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) = 0.491 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 0.375 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

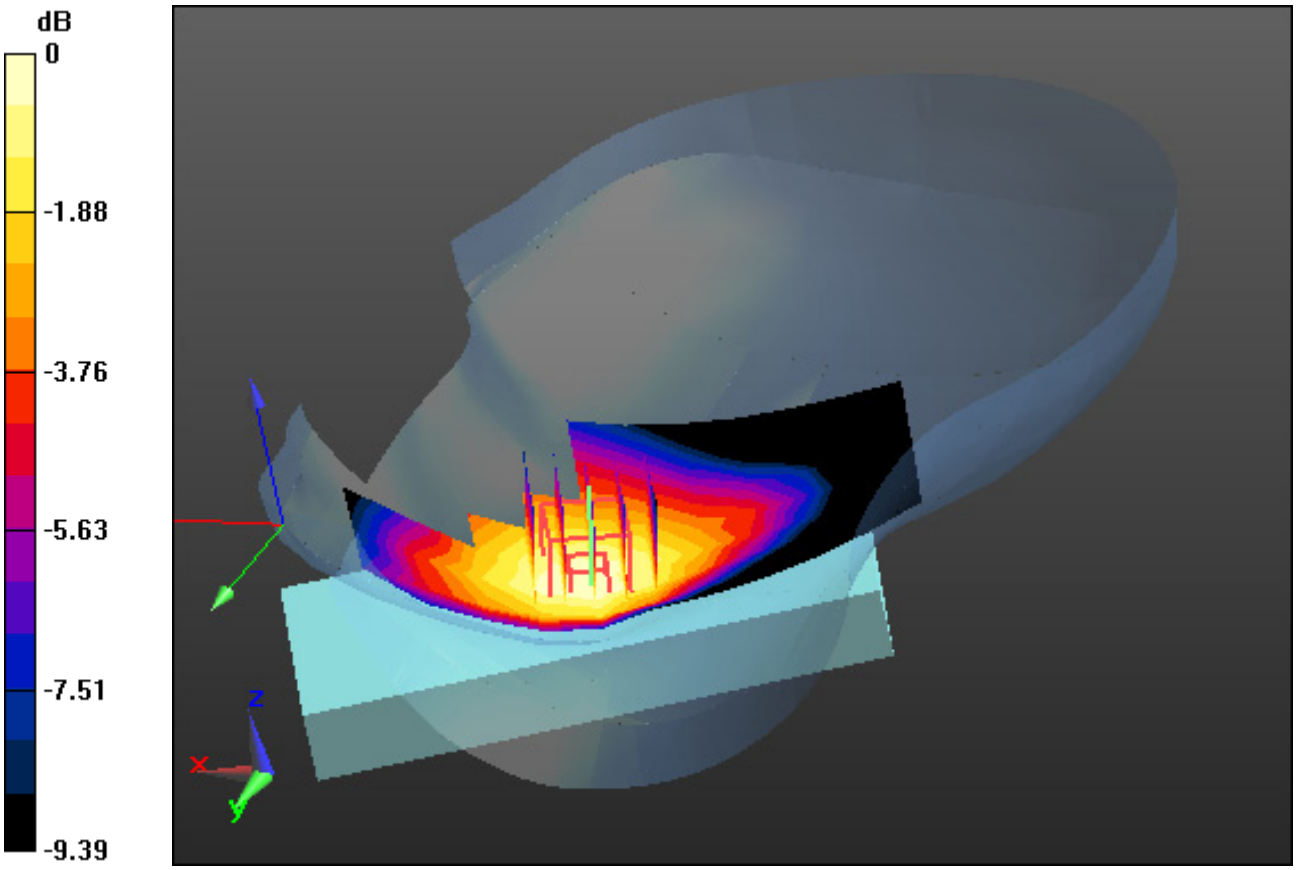
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.928 S/m; ε_r = 40.85; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; 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 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.180 W/kg



0 dB = 0.258 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

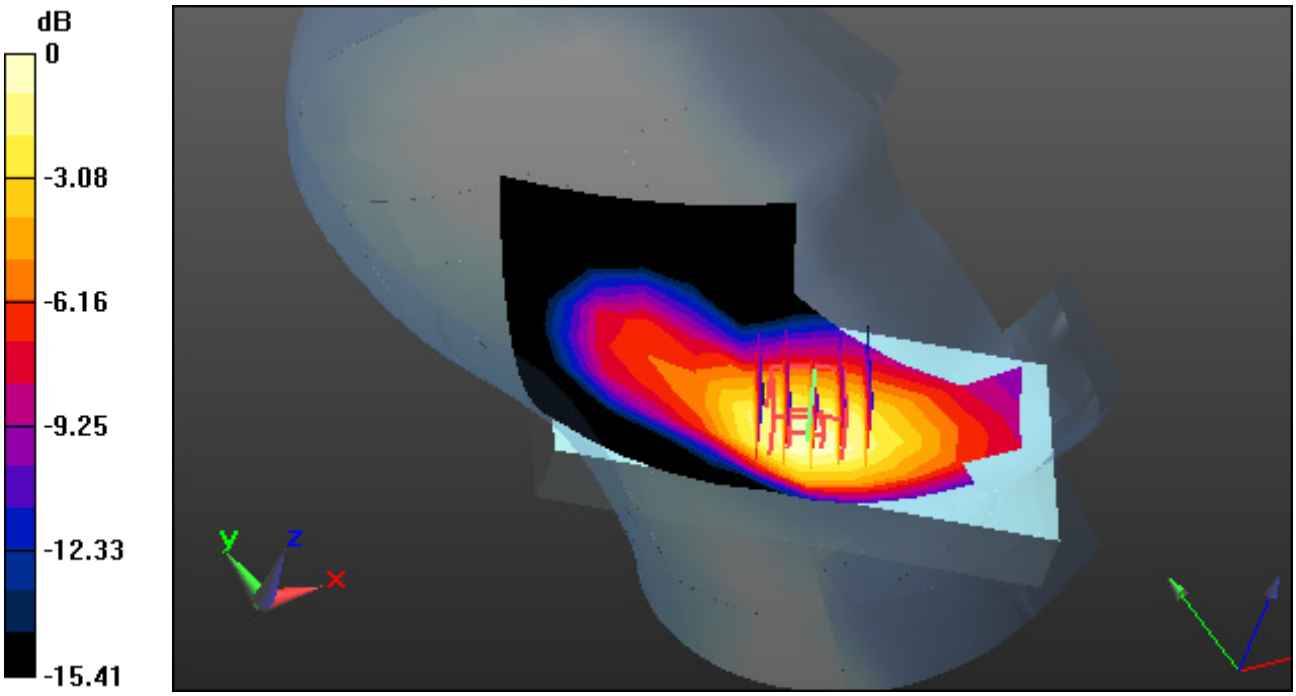
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.364 S/m; ε_r = 39.37; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.17, 5.66, 5.64); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-12; Ambient Temp: 20.5; Tissue Temp: 20.4

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.694 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.302 W/kg



0 dB = 0.544 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

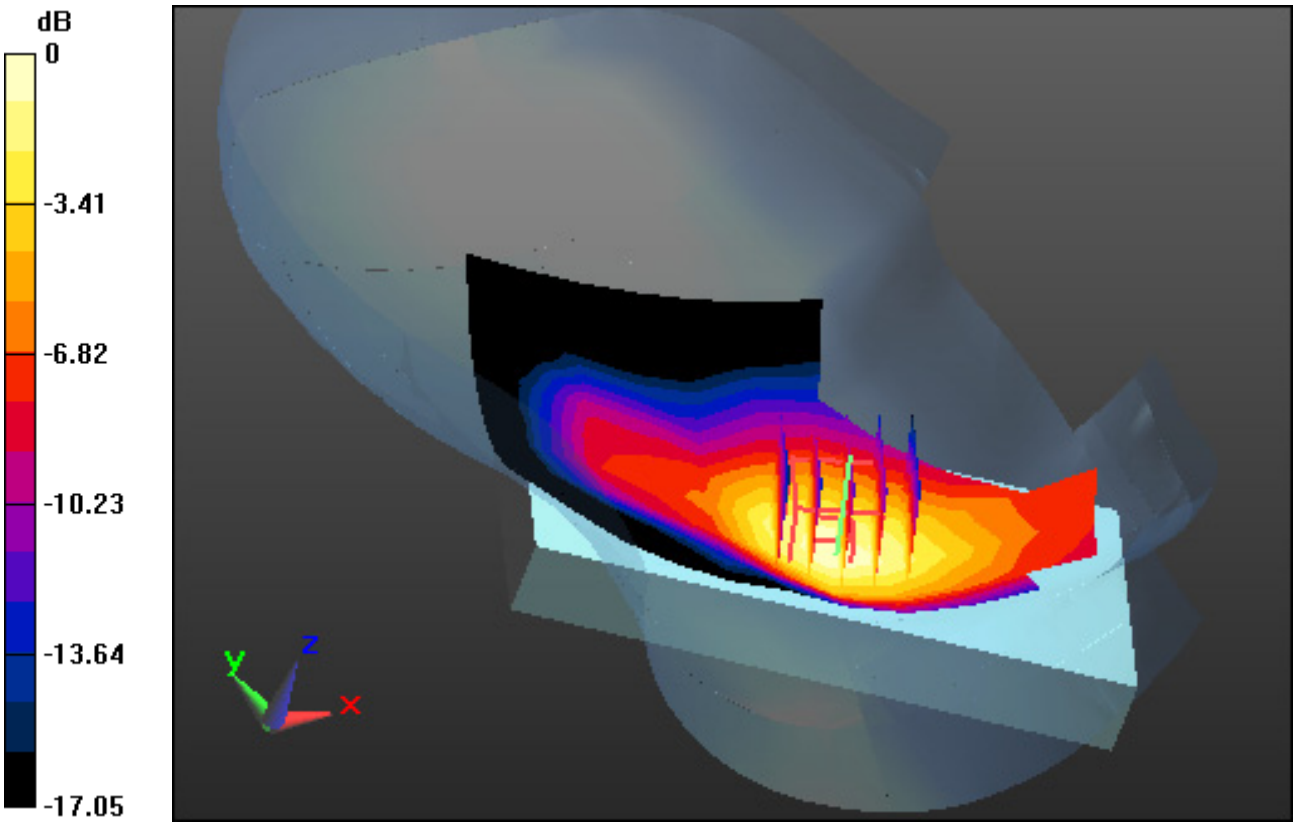
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.377 S/m; ε_r = 41.373; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-14; Ambient Temp: 21.7; Tissue Temp: 21.6

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.961 W/kg
SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.380 W/kg



0 dB = 0.716 W/kg

Dt&C Co., Ltd.

DUT: PM86; 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 = 0.861 S/m; ε_r = 41.606; ρ = 1000 kg/m^3
Phantom section: Left Section

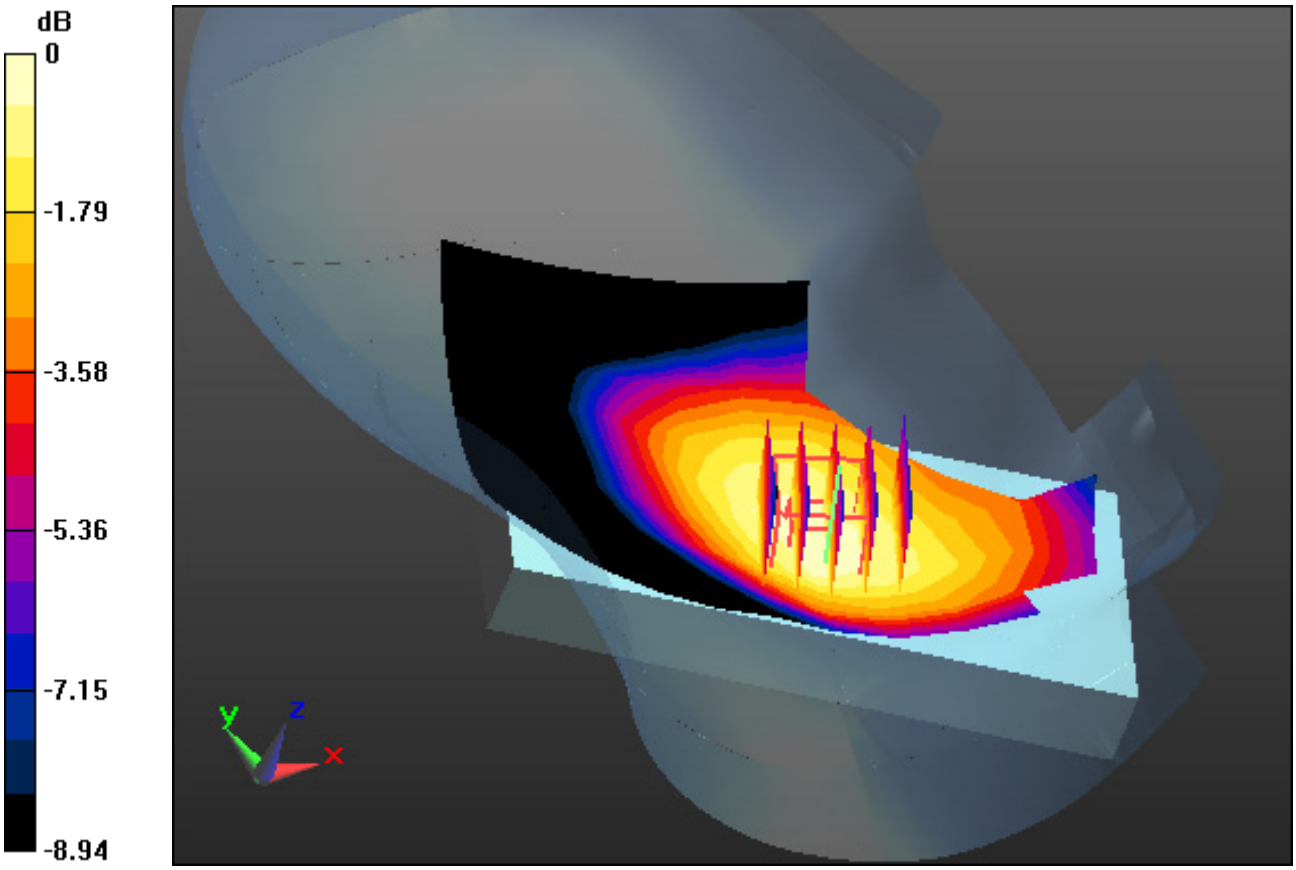
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.36, 6.41); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-09; Ambient Temp: 20.9; Tissue Temp: 20.8

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

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 = 0.16 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.144 W/kg



0 dB = 0.202 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.886 S/m; ε_r = 41.371; ρ = 1000 kg/m^3
Phantom section: Right Section

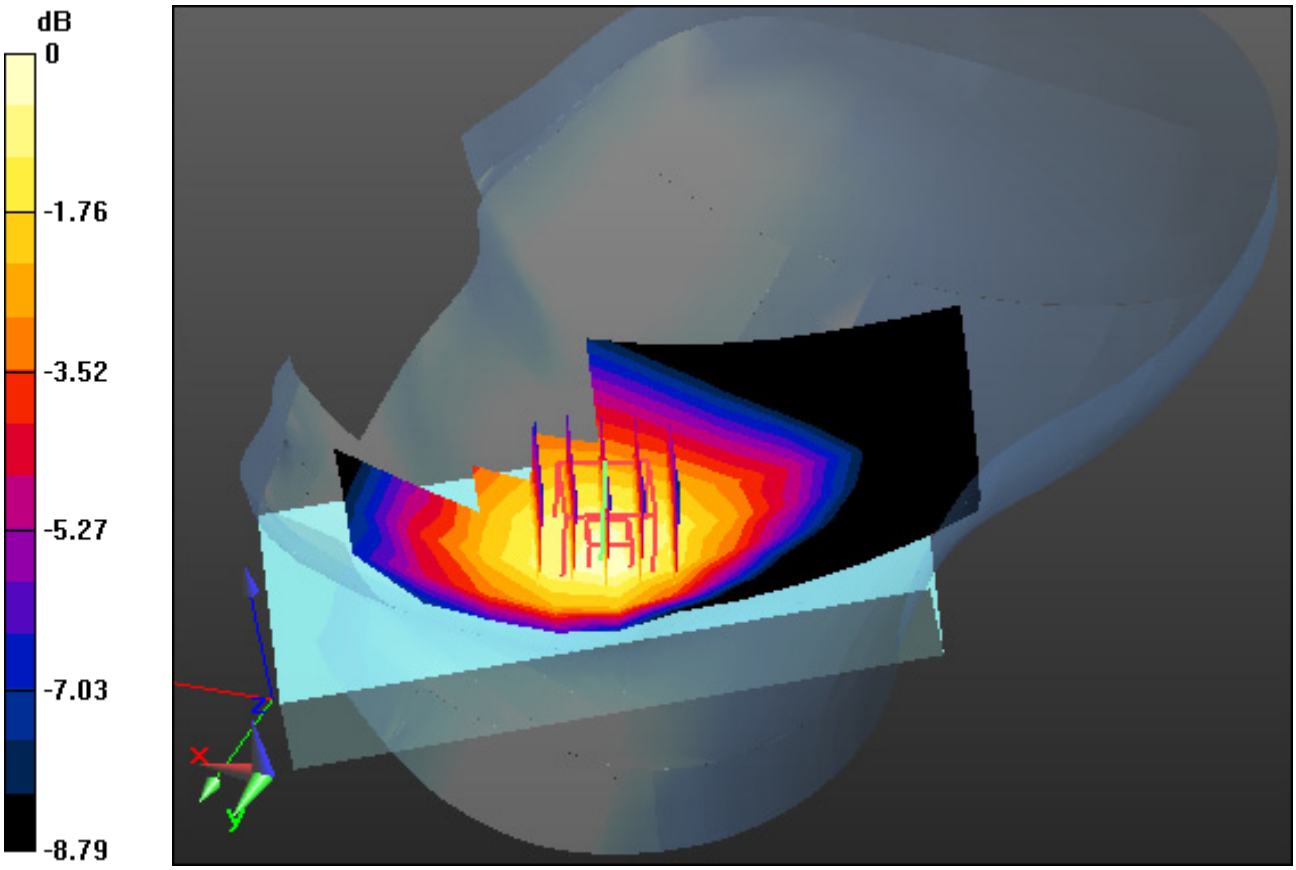
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.36, 6.41); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-09; Ambient Temp: 20.9; Tissue Temp: 20.8

Right Touch, LTE Band 13 Ch. 23230 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 = 0.01 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.157 W/kg



0 dB = 0.218 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.927 S/m; ε_r = 40.879; ρ = 1000 kg/m^3
Phantom section: Right Section

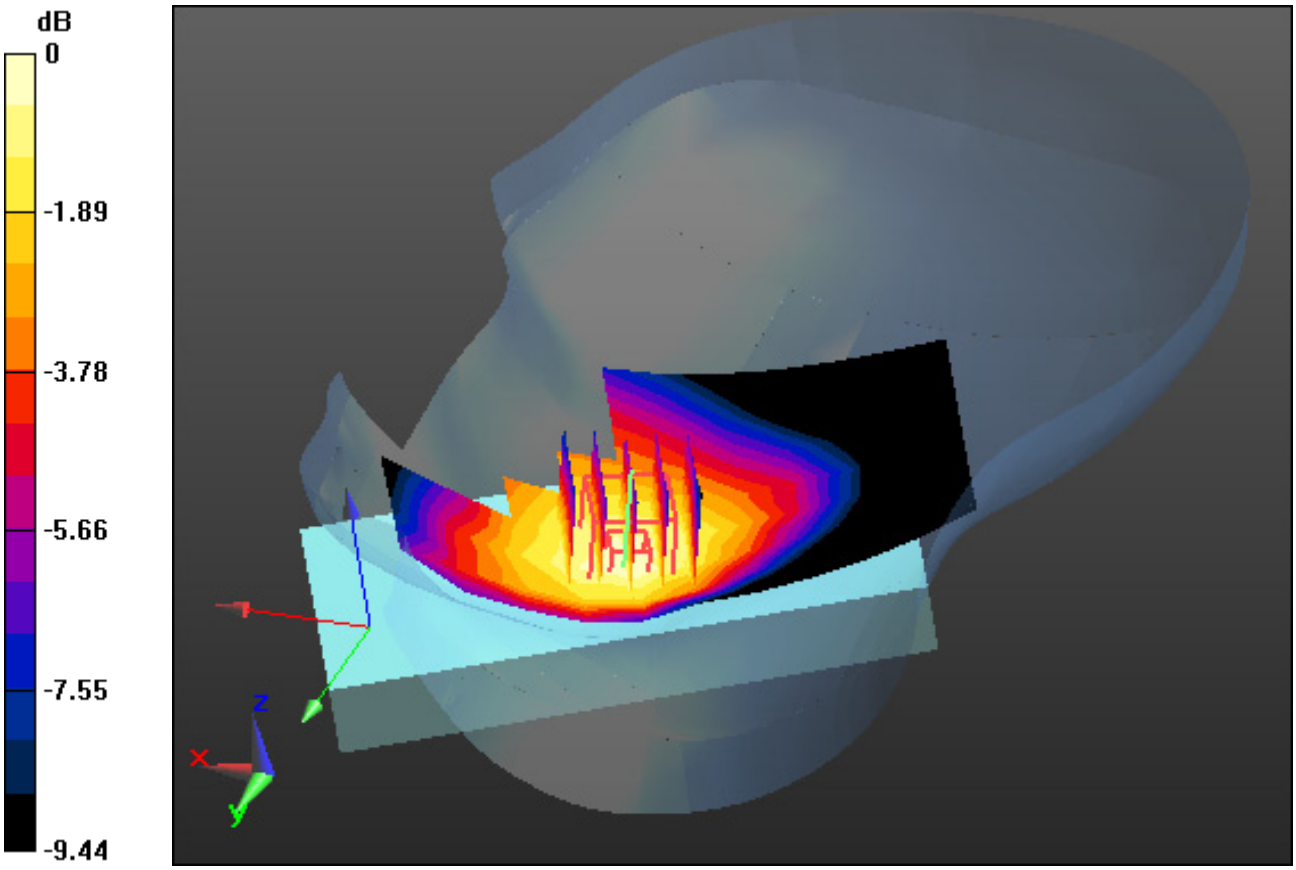
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; Tissue Temp: 21.0

Right Touch, LTE Band 26 Ch. 26865 Ant Internal, Standard Battery

Mode : BandWidth 15 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 = 0.12 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.177 W/kg



0 dB = 0.256 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.369 S/m; ε_r = 39.344; ρ = 1000 kg/m^3
Phantom section: Left Section

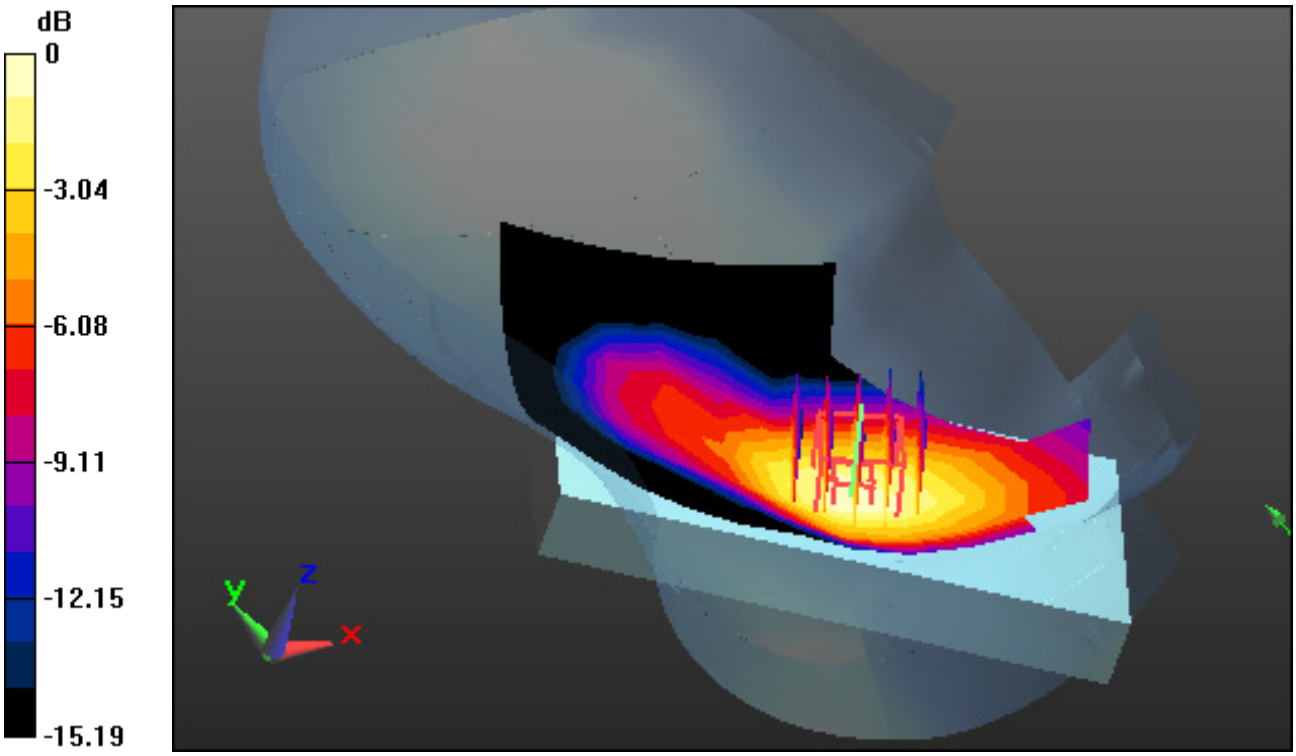
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.17, 5.66, 5.64); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-12; Ambient Temp: 20.5; Tissue Temp: 20.4

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

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 = -0.14 dB
Peak SAR (extrapolated) = 0.813 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.349 W/kg



0 dB = 0.637 W/kg

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.372 S/m; ε_r = 40.313; ρ = 1000 kg/m^3
Phantom section: Left Section

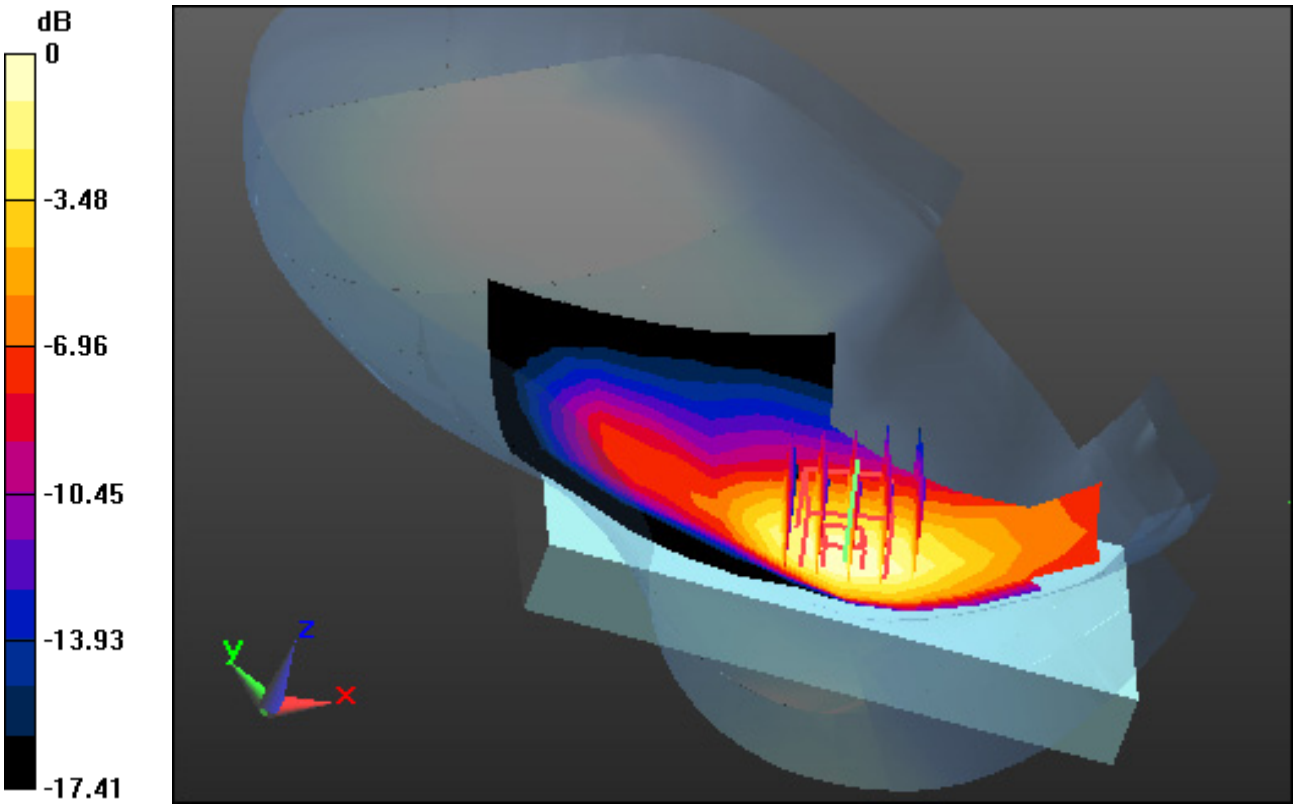
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-13; Ambient Temp: 21.3; Tissue Temp: 21.2

Left Touch, LTE Band 25 Ch. 26365, Ant Internal, Standard Battery

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 = 0.16 dB
Peak SAR (extrapolated) = 0.979 W/kg
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.388 W/kg



0 dB = 0.737 W/kg

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.902 S/m; ε_r = 39.315; ρ = 1000 kg/m^3
Phantom section: Left Section

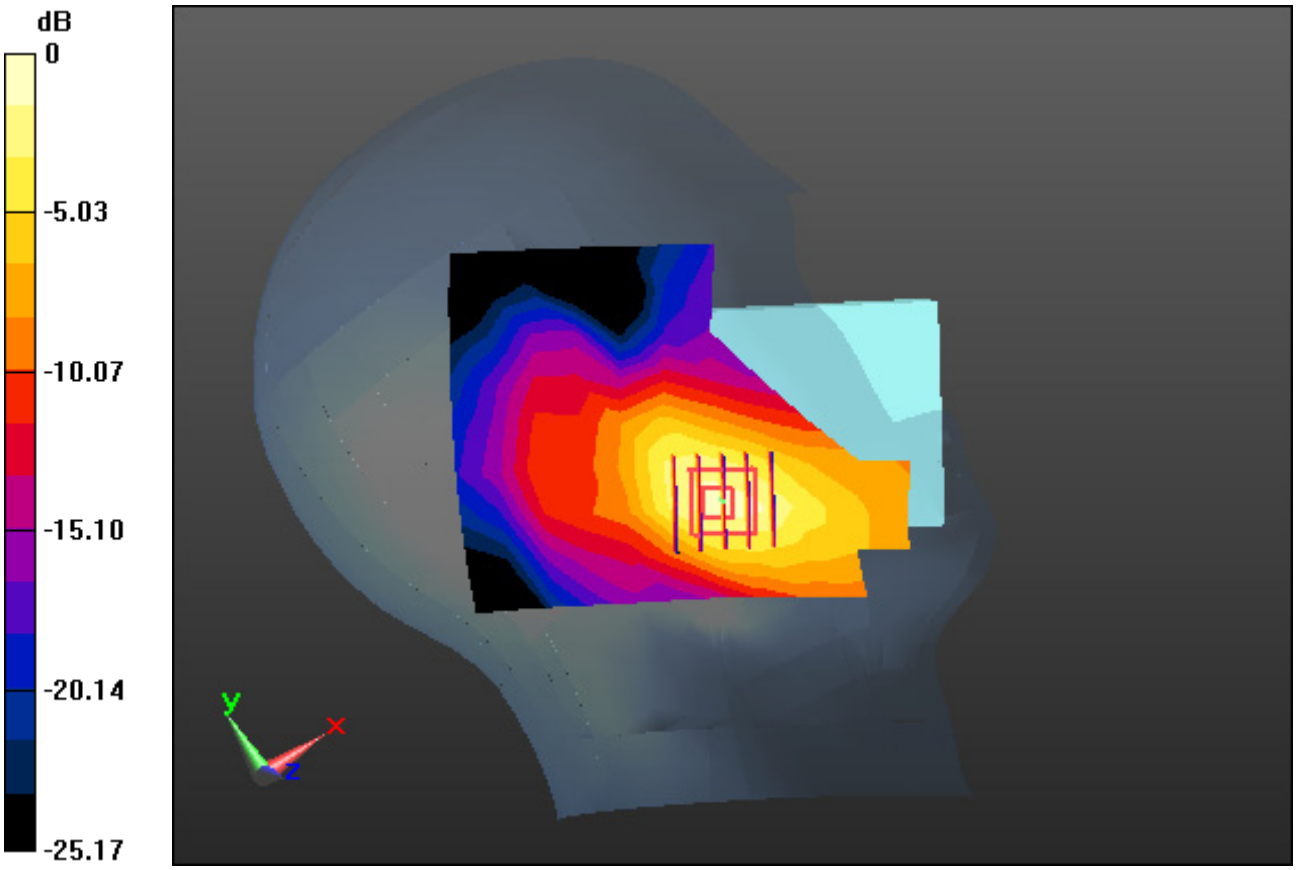
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.1, 4.67, 4.73); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-17; Ambient Temp: 21.2; Tissue Temp: 21.1

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

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 = 0.08 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.385 W/kg



0 dB = 0.939 W/kg

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 2593 MHz; σ = 1.905 S/m; ε_r = 38.085; ρ = 1000 kg/m^3
Phantom section: Left Section

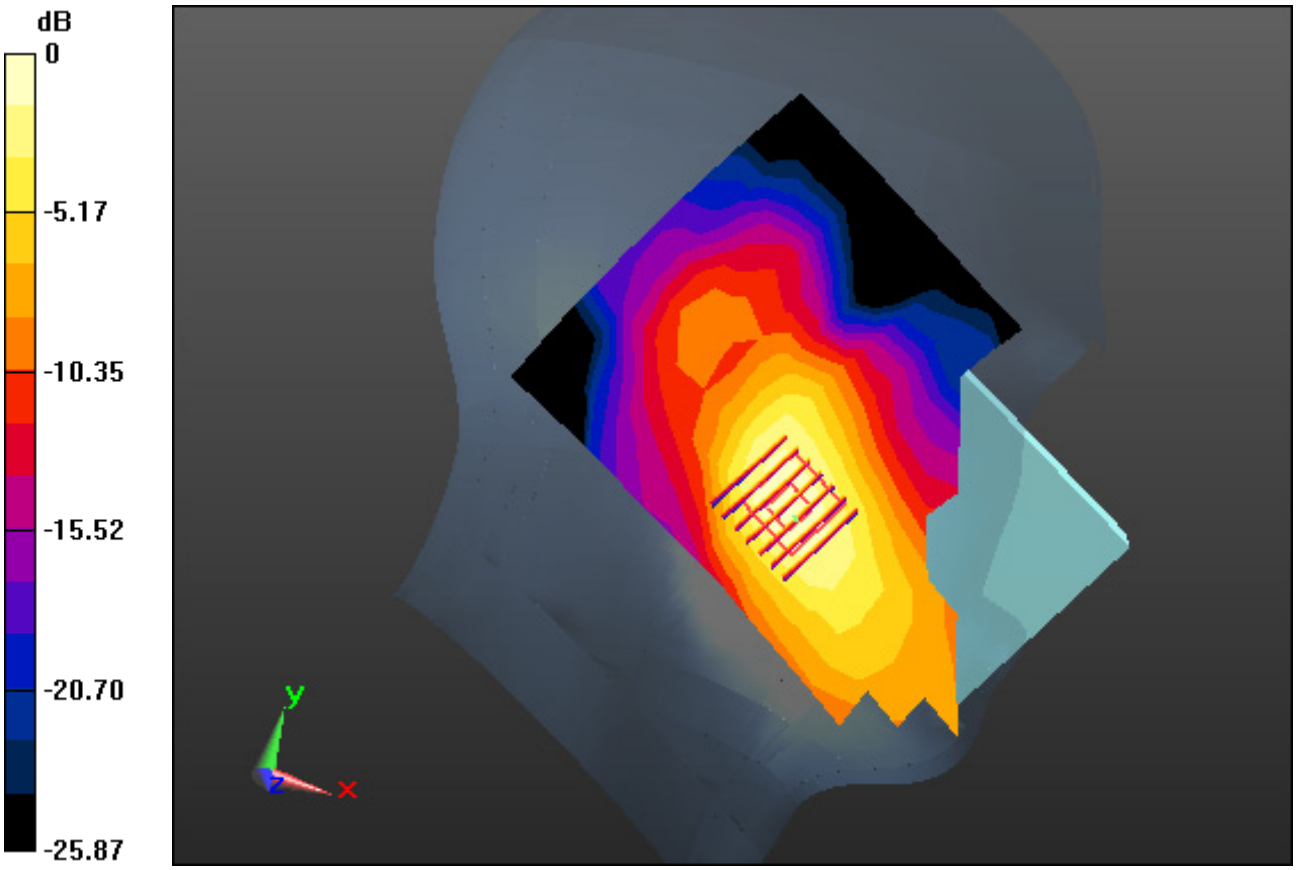
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.1, 4.67, 4.73); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-23; Ambient Temp: 21.3; Tissue Temp: 21.2

Left Touch, LTE Band 41 Ch. 40620 Ant Internal, Standard Battery

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.777 W/kg
SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.210 W/kg



0 dB = 0.497 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

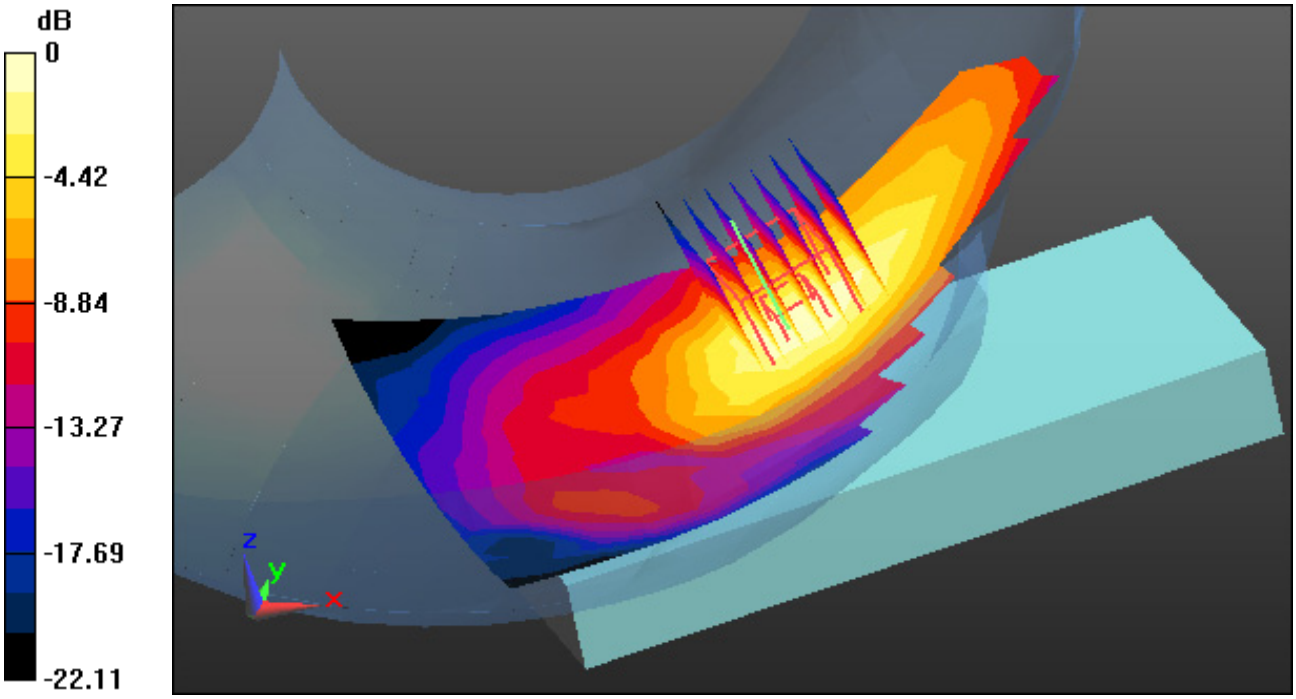
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.784 S/m; ε_r = 38.501; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

Right Touch, WLAN(802.11b) Ch. 6, Ant Internal, Standard Battery, Ant.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 = 0.13 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.103 W/kg



0 dB = 0.241 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

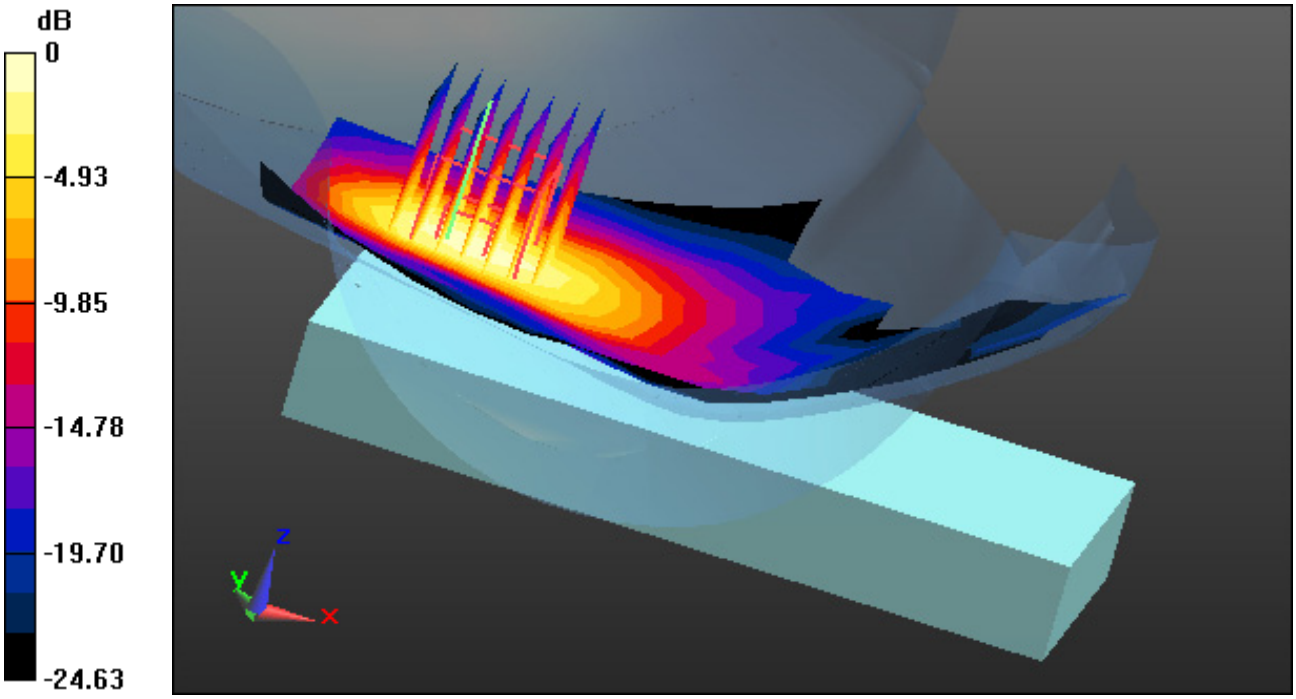
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.753 S/m; ε_r = 38.61; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.236 W/kg



0 dB = 0.619 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

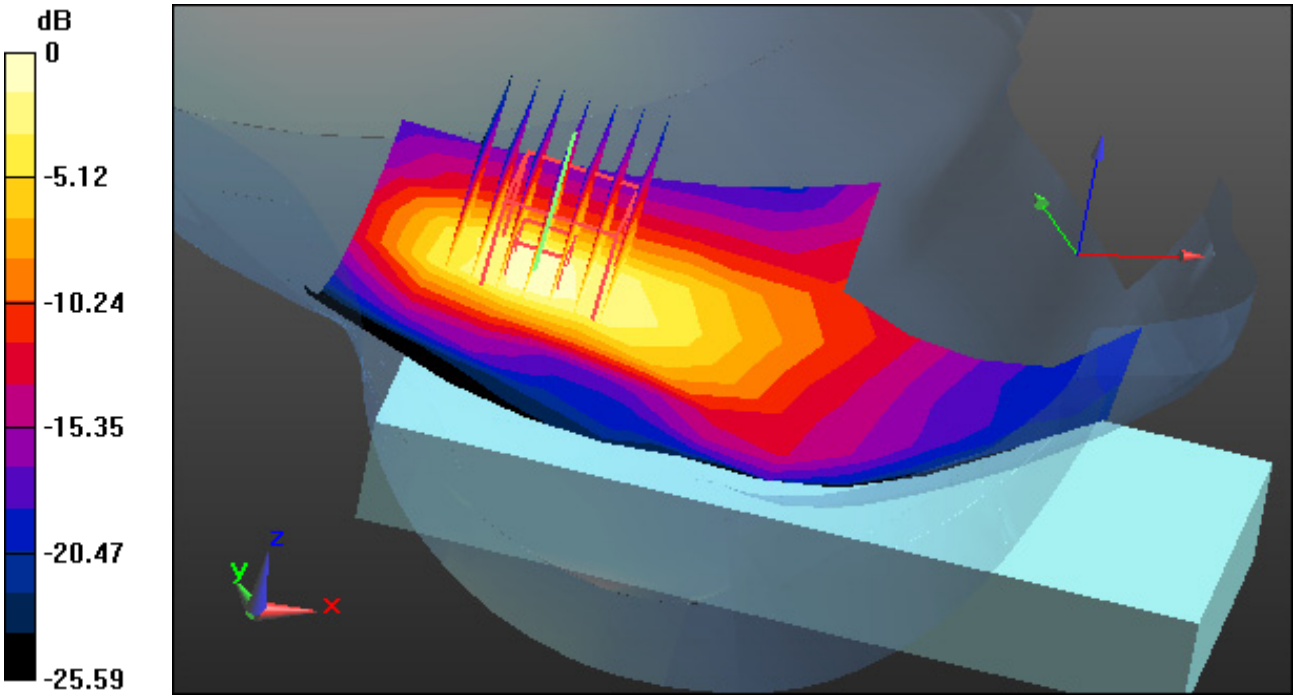
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.784 S/m; ε_r = 38.501; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

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

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.218 W/kg



0 dB = 0.586 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

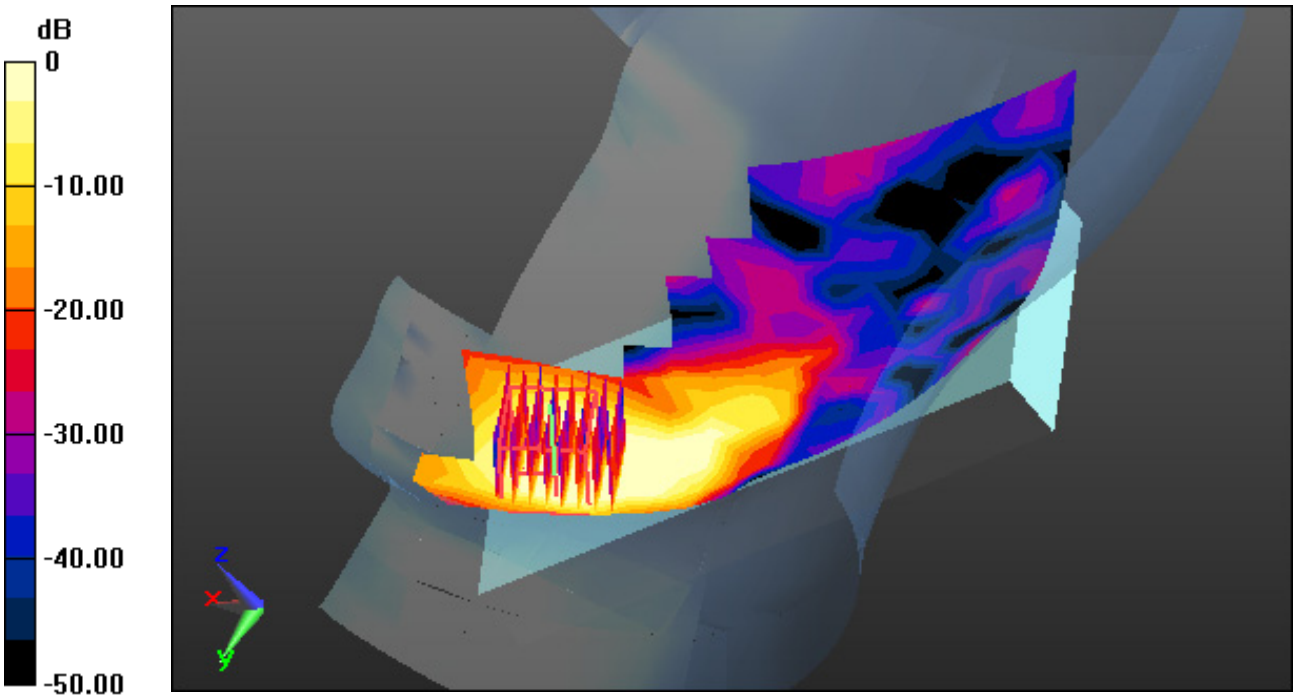
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.725 S/m; ε_r = 35.728; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

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

Area Scan (12x19x1): 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) = 0.262 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.029 W/kg



0 dB = 0.168 W/kg

DUT: PM86; Type: Bar

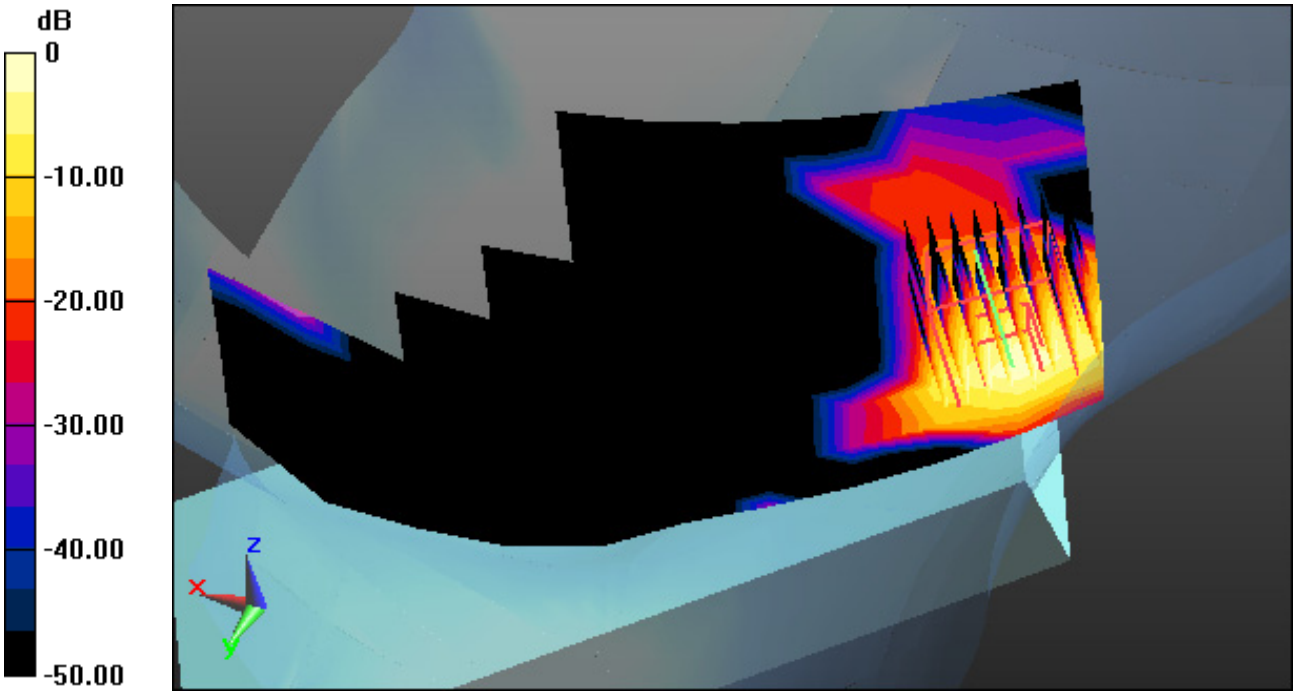
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.725 S/m; ε_r = 35.728; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

Right Tilt, WLAN(802.11a) Ch. 52, Ant Internal, Standard Battery, Ant.2

Area Scan (12x19x1): 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) = 1.93 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.200 W/kg



0 dB = 1.29 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

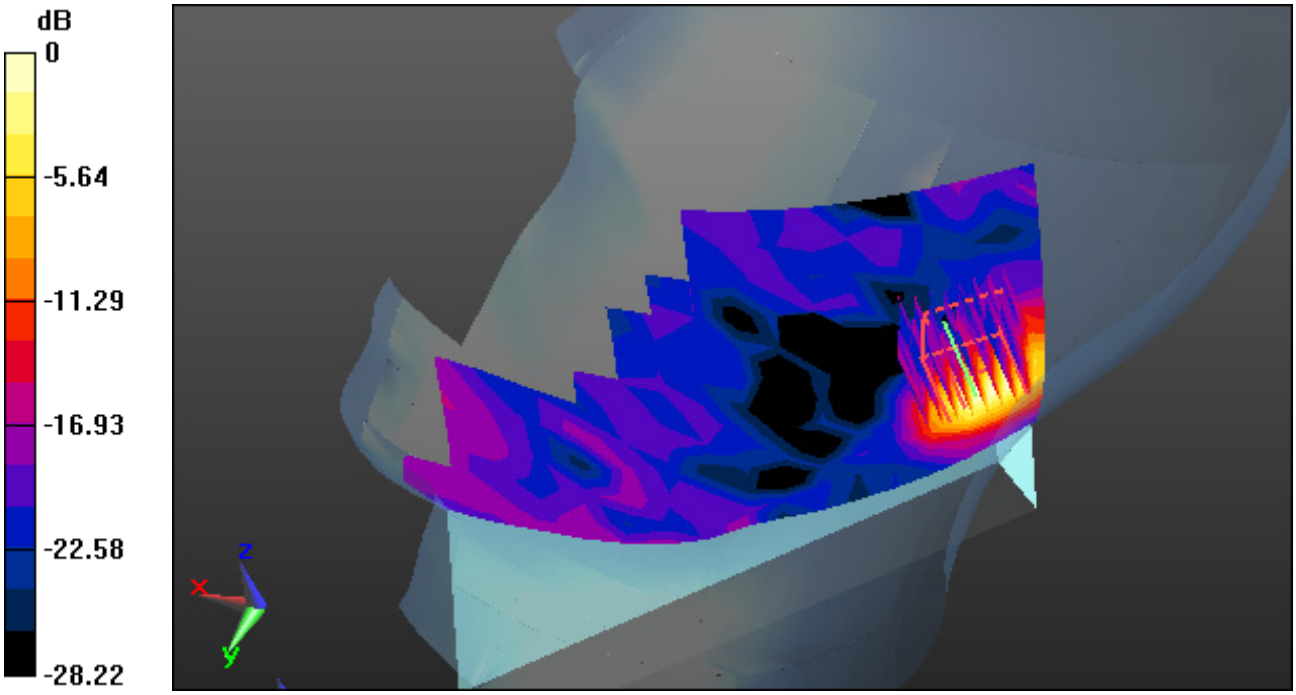
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.725 S/m; ε_r = 35.728; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

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

Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.136 W/kg



0 dB = 0.779 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

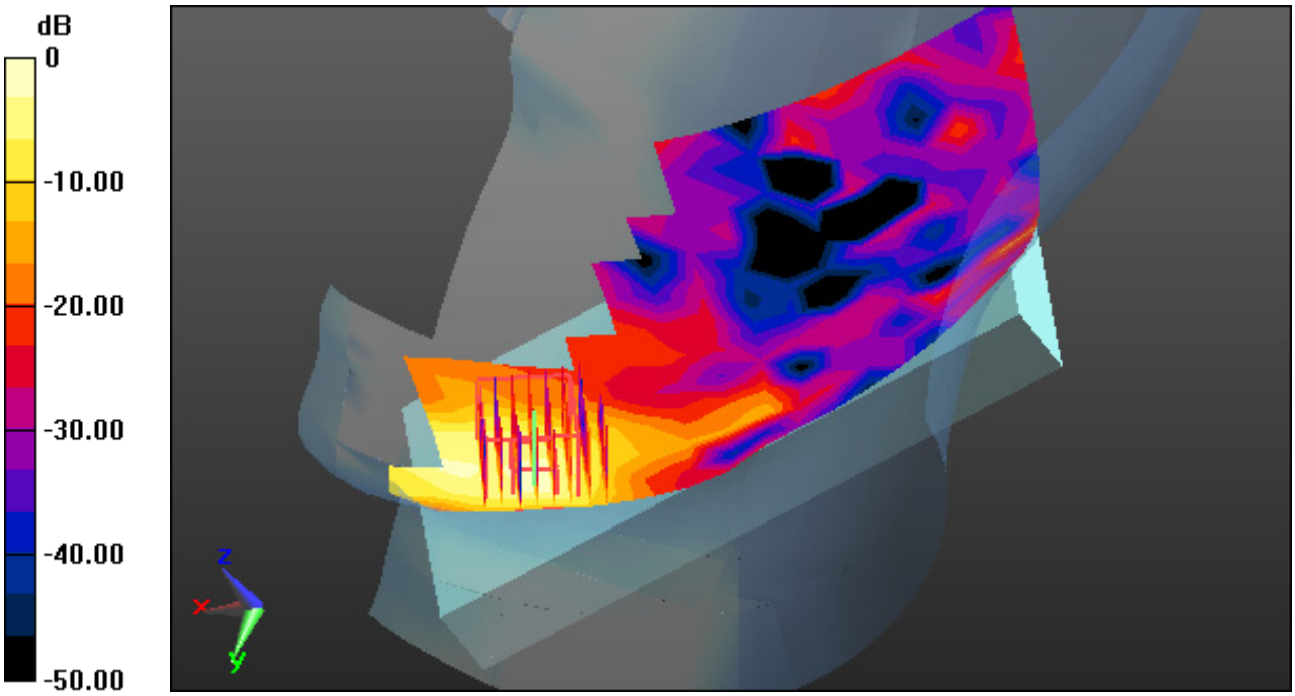
Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.063 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

Right Touch, WLAN(802.11a) Ch. 100, Ant Internal, Ant.1, Standard Battery

Area Scan (12x19x1): 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) = 0.484 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.026 W/kg



0 dB = 0.191 W/kg

DUT: PM86; Type: Bar

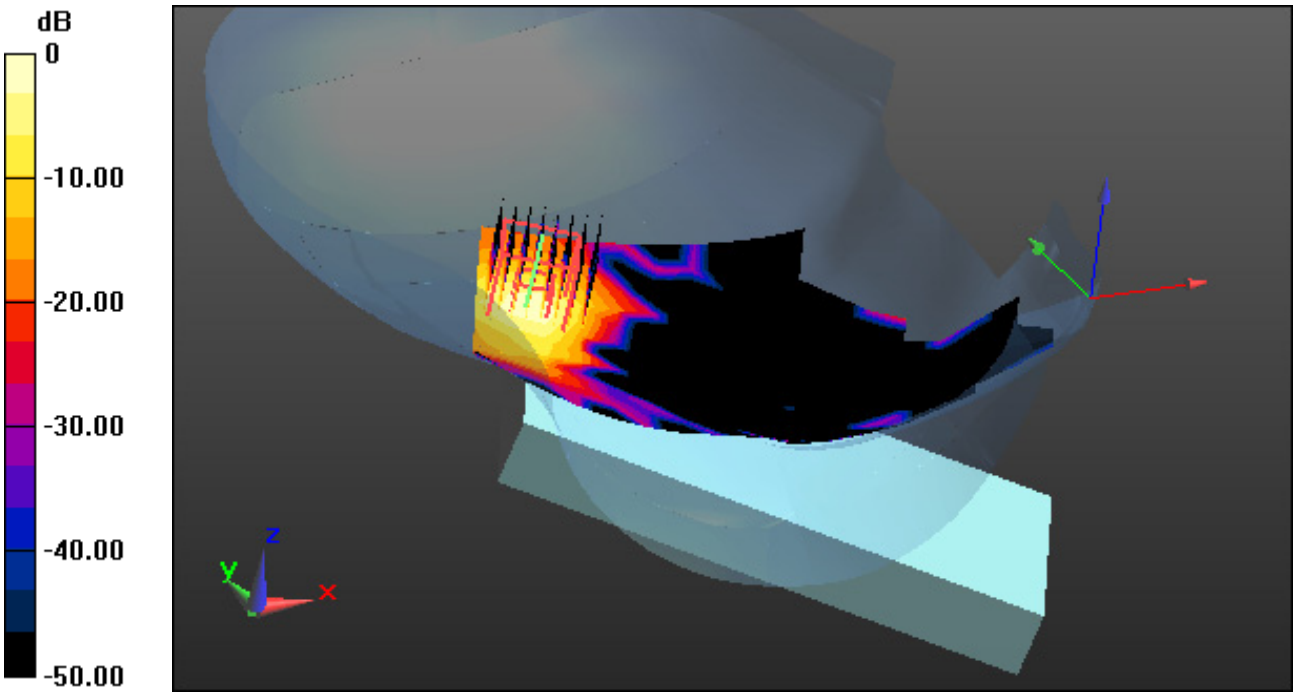
Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.063 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

Left Tilt, WLAN(802.11a) Ch. 100, Ant Internal, Standard Battery, Ant.2

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.199 W/kg



0 dB = 1.57 W/kg

DUT: PM86; Type: Bar

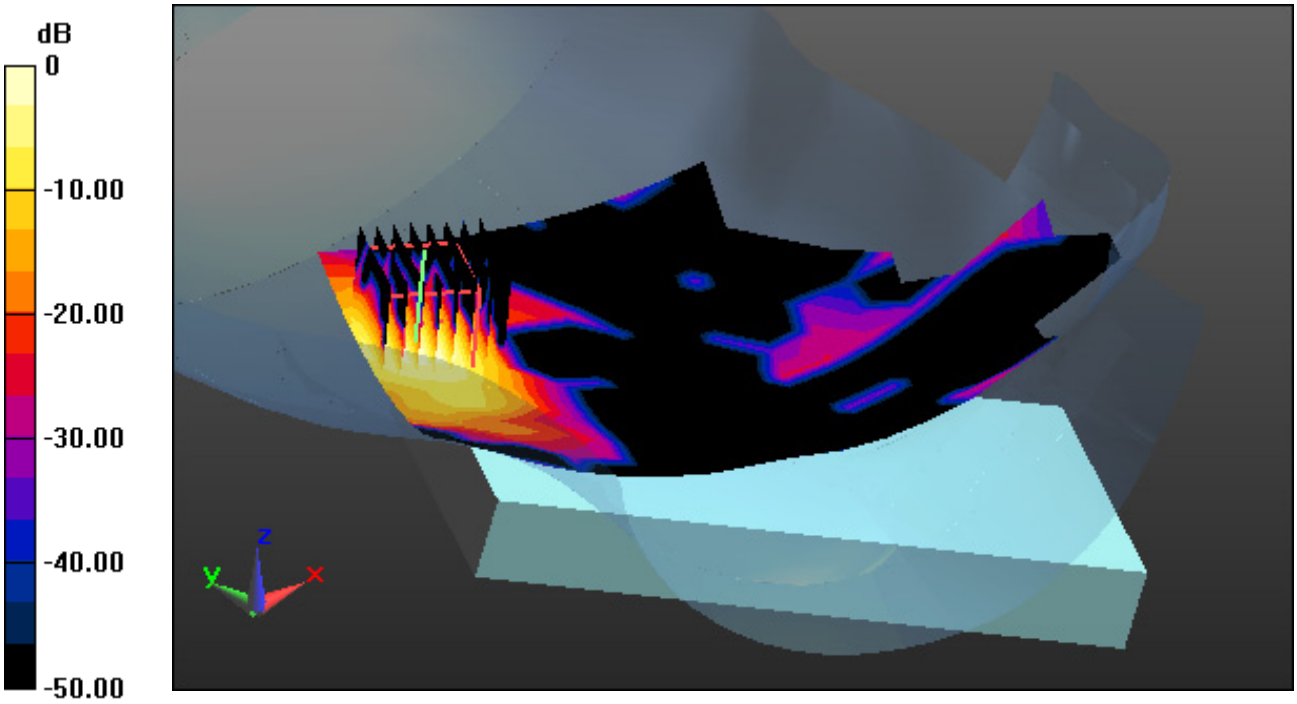
Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.063 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

Left Tilt, WLAN(802.11a) Ch. 100, Ant Internal, Standard Battery, MIMO

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.73 W/kg
SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.223 W/kg



0 dB = 1.71 W/kg

DUT: PM86; Type: Bar

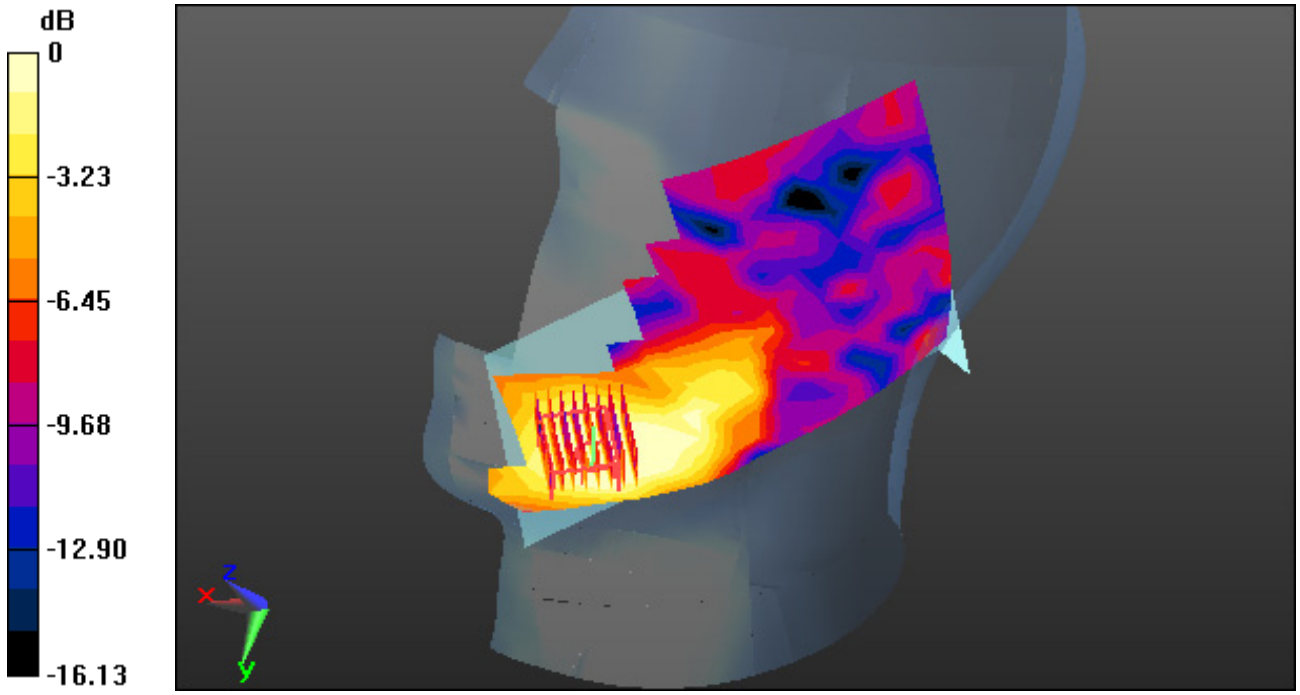
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.228 S/m; ε_r = 35.845; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

Right Touch, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, Ant.1

Area Scan (12x19x1): 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) = 1.06 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.202 W/kg

DUT: PM86; Type: Bar

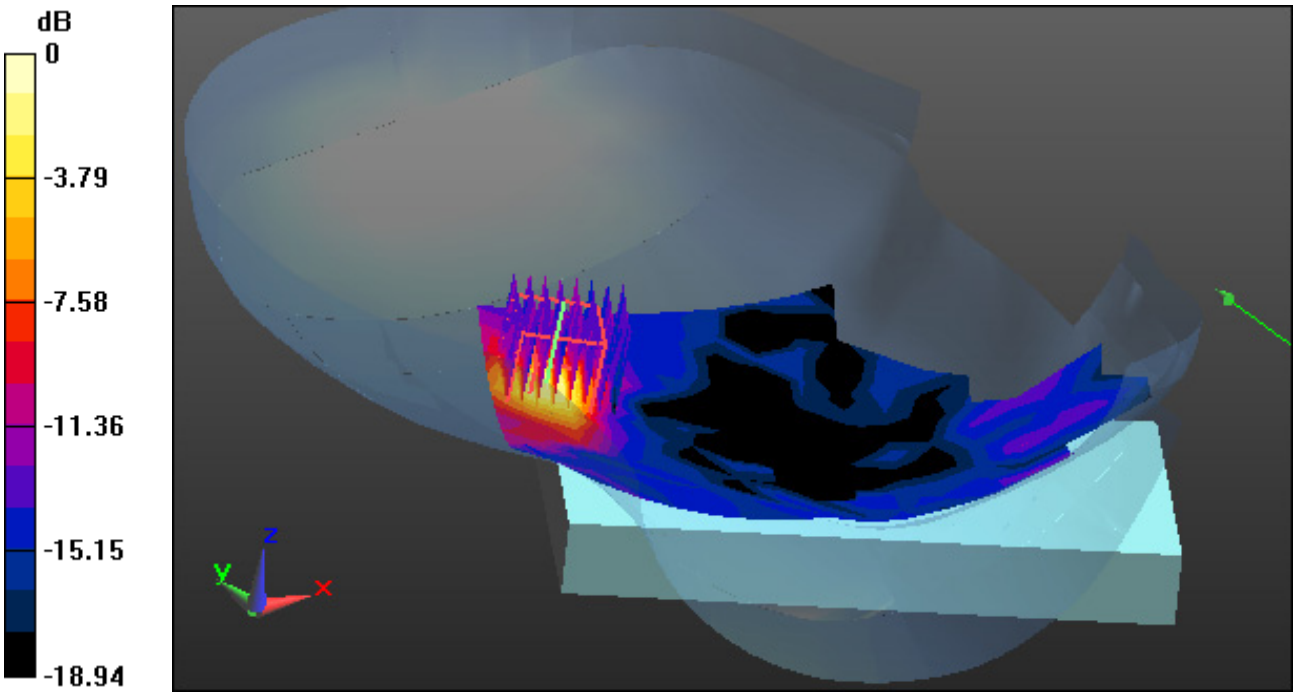
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.228 S/m; ε_r = 35.845; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

Left Touch, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, Ant.2

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.166 W/kg



0 dB = 0.997 W/kg

DUT: PM86; Type: Bar

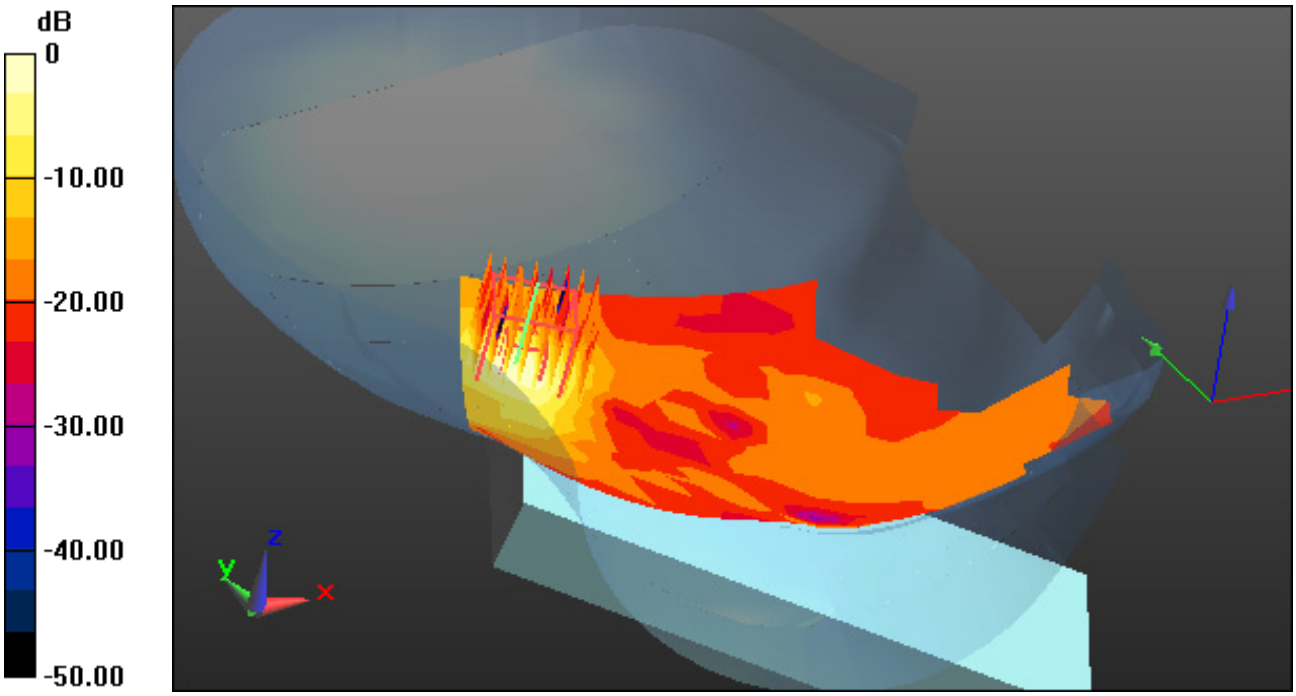
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.228 S/m; ε_r = 35.845; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

Left Tilt, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, MIMO

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.180 W/kg



0 dB = 1.34 W/kg

DUT: PM86; Type: Bar

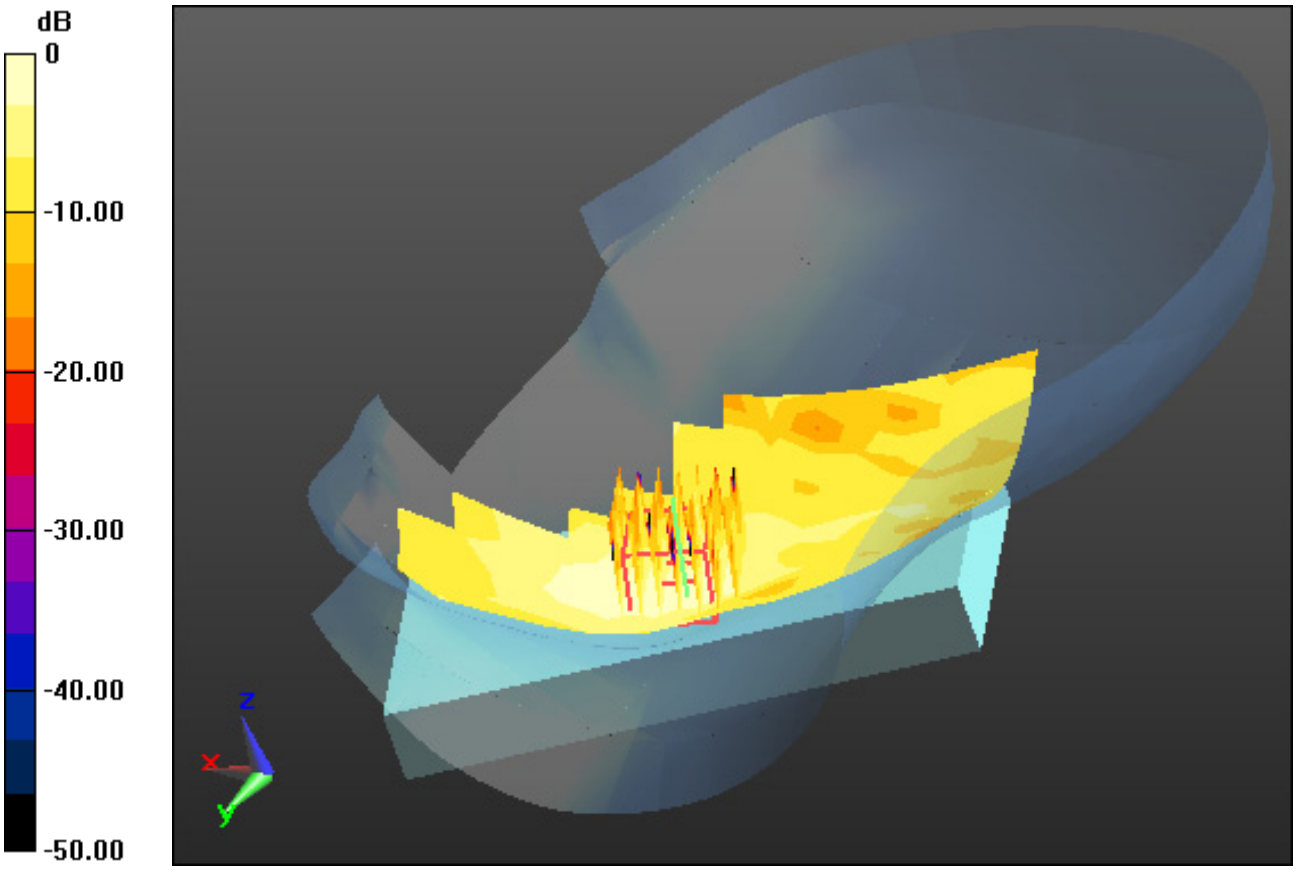
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.846 S/m; ε_r = 39.173; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

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

Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.00528 W/kg
SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.001 W/kg



0 dB = 0.00346 W/kg

DUT: PM86; Type: Bar

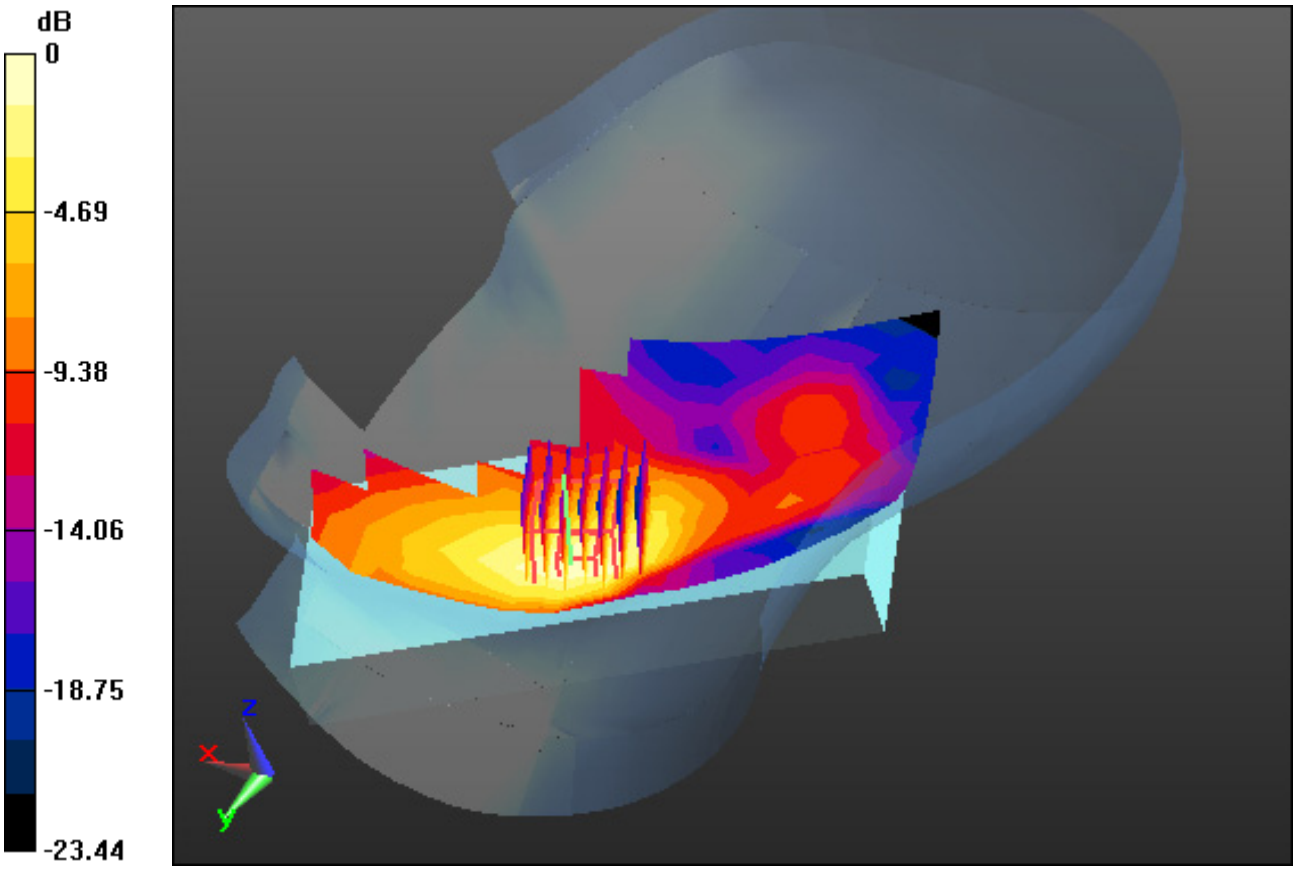
Communication System: UID 0, LE (0); Frequency: 2440 MHz;Duty Cycle: 1:1.178
Medium parameters used: f = 2440 MHz; σ = 1.845 S/m; ε_r = 39.177; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

Right Touch, Bluetooth LE 1 Mbps Ch. 19, Ant Internal, Standard Battery

Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0500 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.0321 W/kg

DUT: PM86; Type: Bar

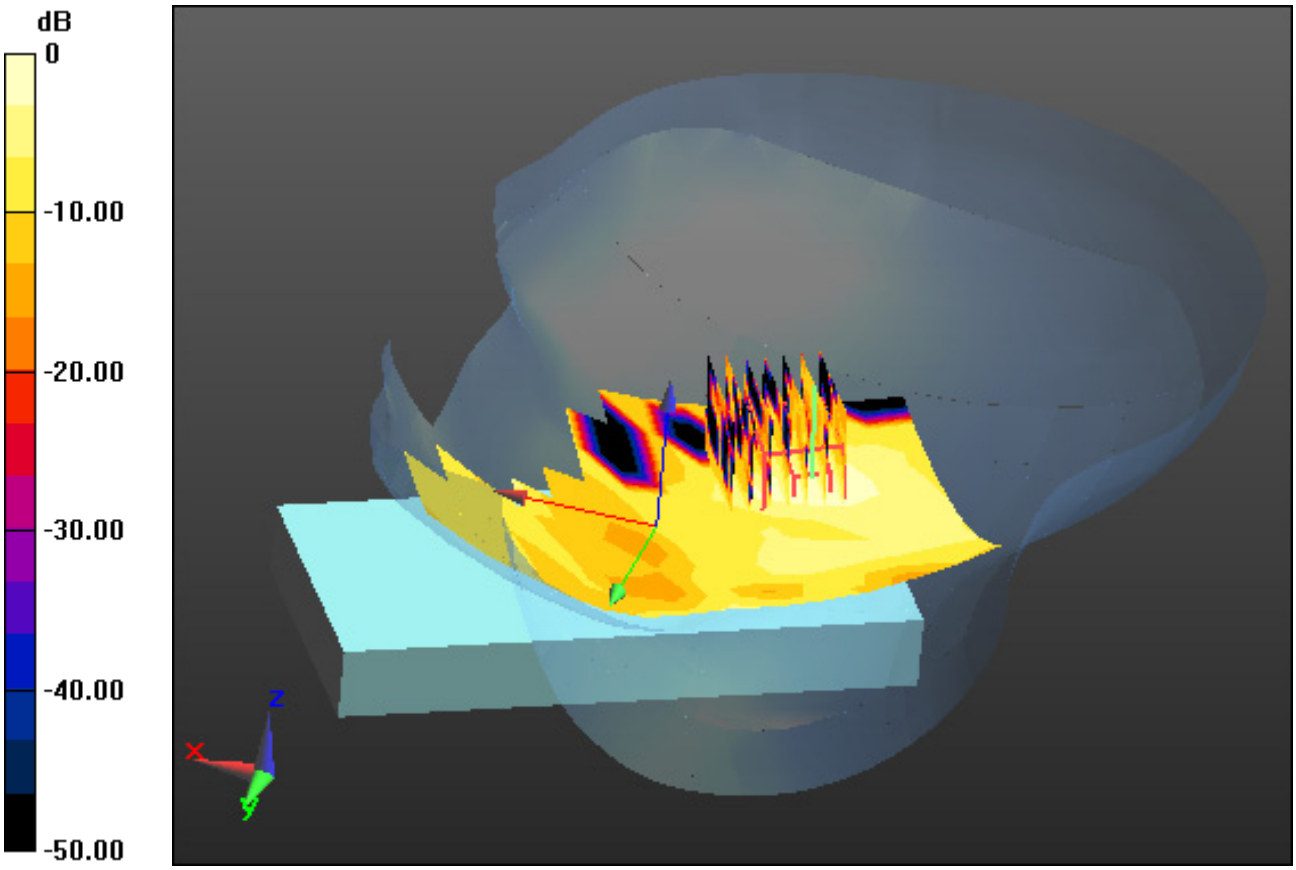
Communication System: UID 0, LE (0); Frequency: 2440 MHz;Duty Cycle: 1:1.168
Medium parameters used: f = 2440 MHz; σ = 1.845 S/m; ε_r = 39.177; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

Right Touch, Bluetooth LE 1 Mbps Ch. 19, Ant Internal, Standard Battery, Module 2

Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.00930 W/kg
SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.001 W/kg



0 dB = 0.00430 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

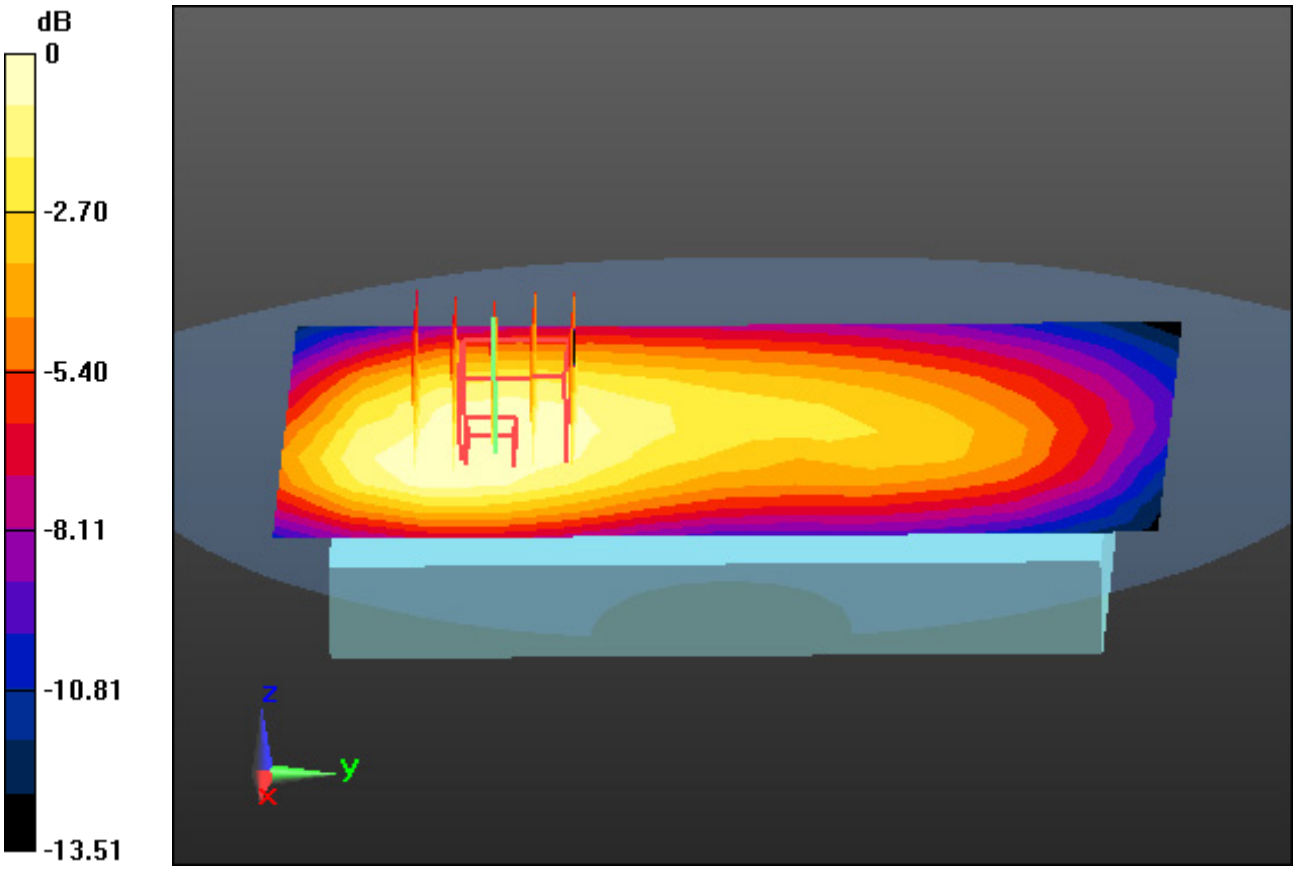
Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.928 S/m; ε_r = 40.85; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; Tissue Temp: 21.0

1 cm space from Body, Front, GSM 850 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 = -0.11 dB
Peak SAR (extrapolated) = 0.759 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.319 W/kg



0 dB = 0.555 W/kg

DUT: PM86; Type: Bar

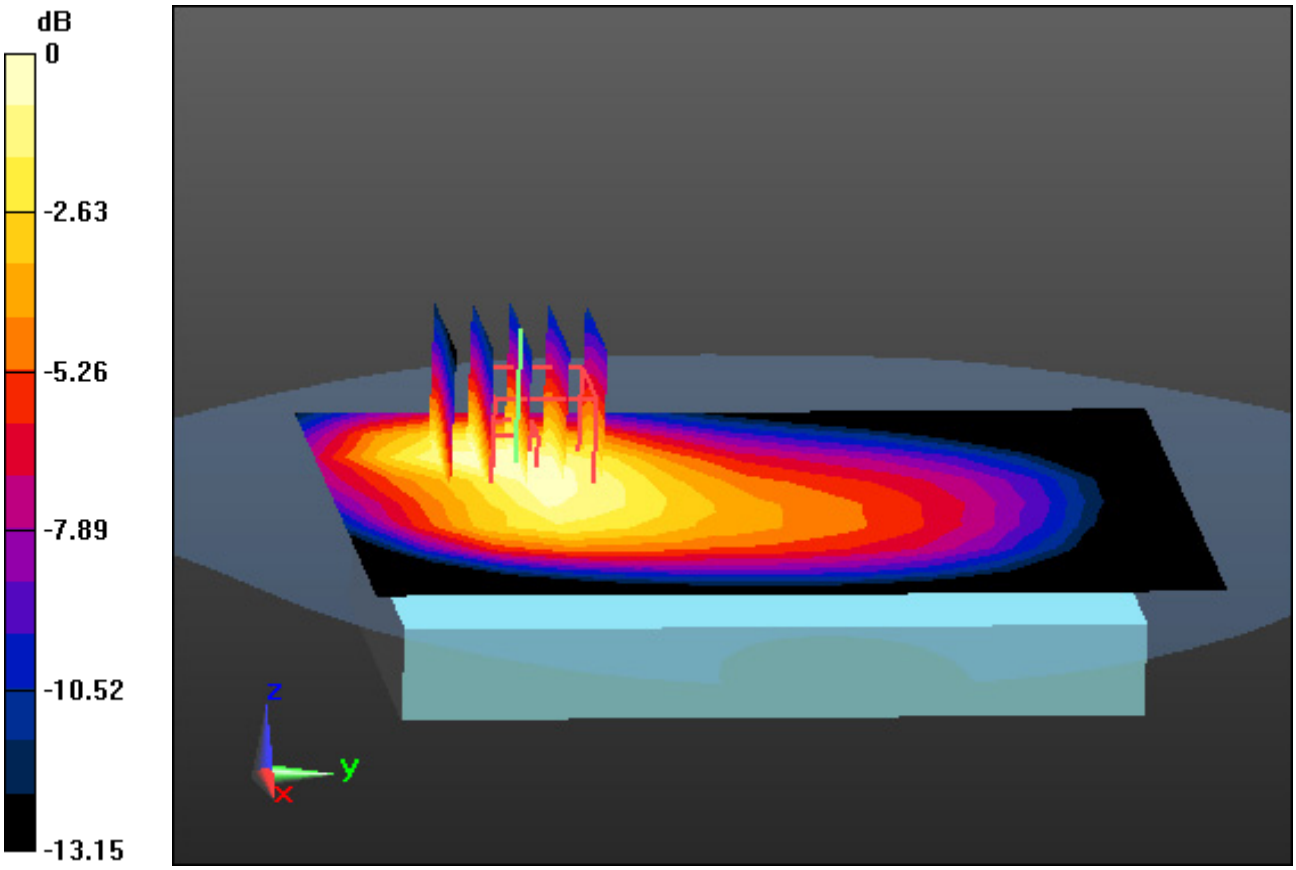
Communication System: UID 0, GSM 850_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 836.6 MHz; σ = 0.928 S/m; ε_r = 40.85; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; Tissue Temp: 21.0

1 cm space from Body, Front, GSM 850 GPRS 3 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 = -0.07 dB
Peak SAR (extrapolated) = 0.969 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.379 W/kg



0 dB = 0.700 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

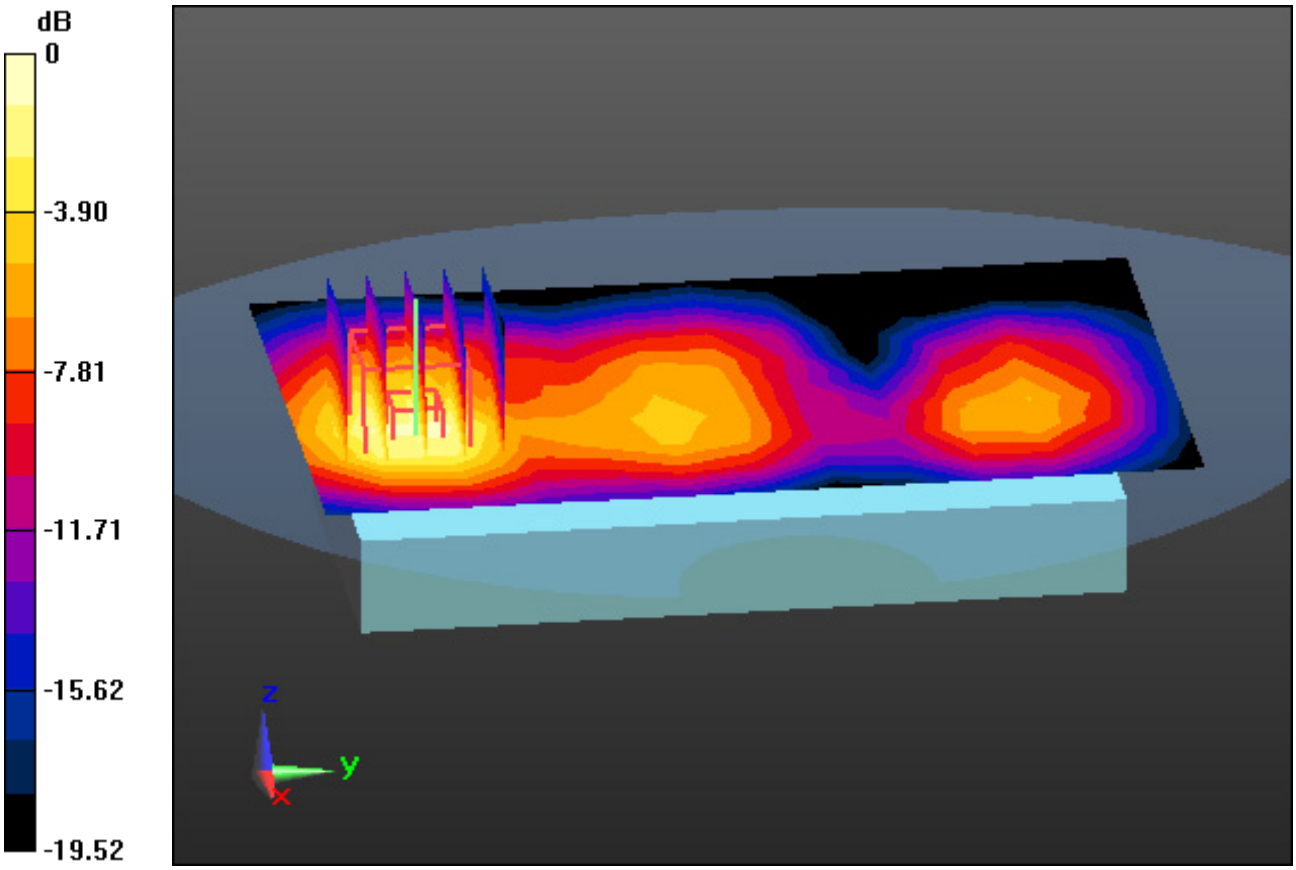
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.377 S/m; ε_r = 41.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-14; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Rear, PCS 1900 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) = 0.683 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.209 W/kg



0 dB = 0.471 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

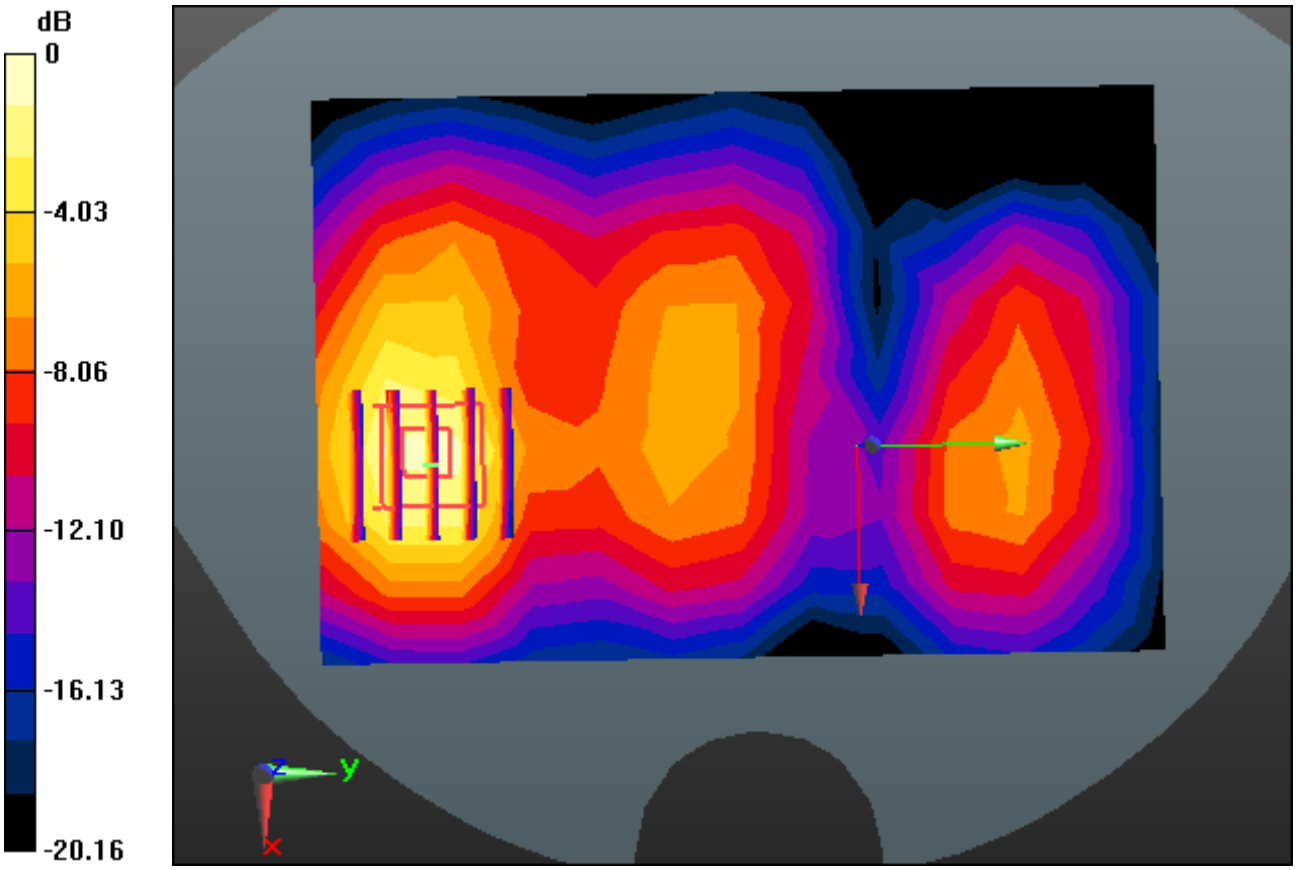
Communication System: UID 0, PCS1900_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.377 S/m; ε_r = 41.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-14; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Rear, PCS 1900 GPRS 3 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 = -0.11 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.256 W/kg



0 dB = 0.573 W/kg

DUT: PM86; Type: Bar

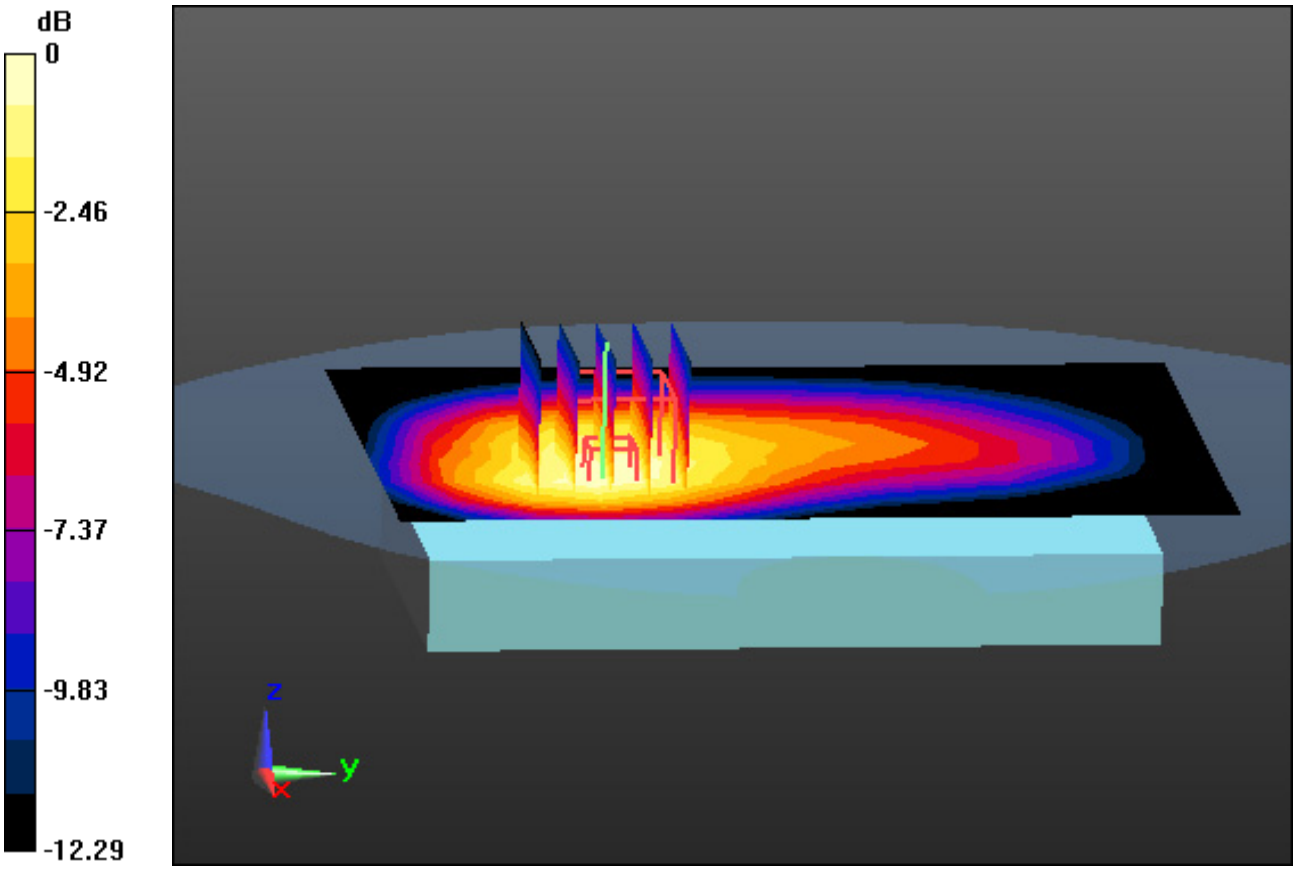
Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.928 S/m; ε_r = 40.85; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; 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 = 0.01 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.342 W/kg



0 dB = 0.612 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

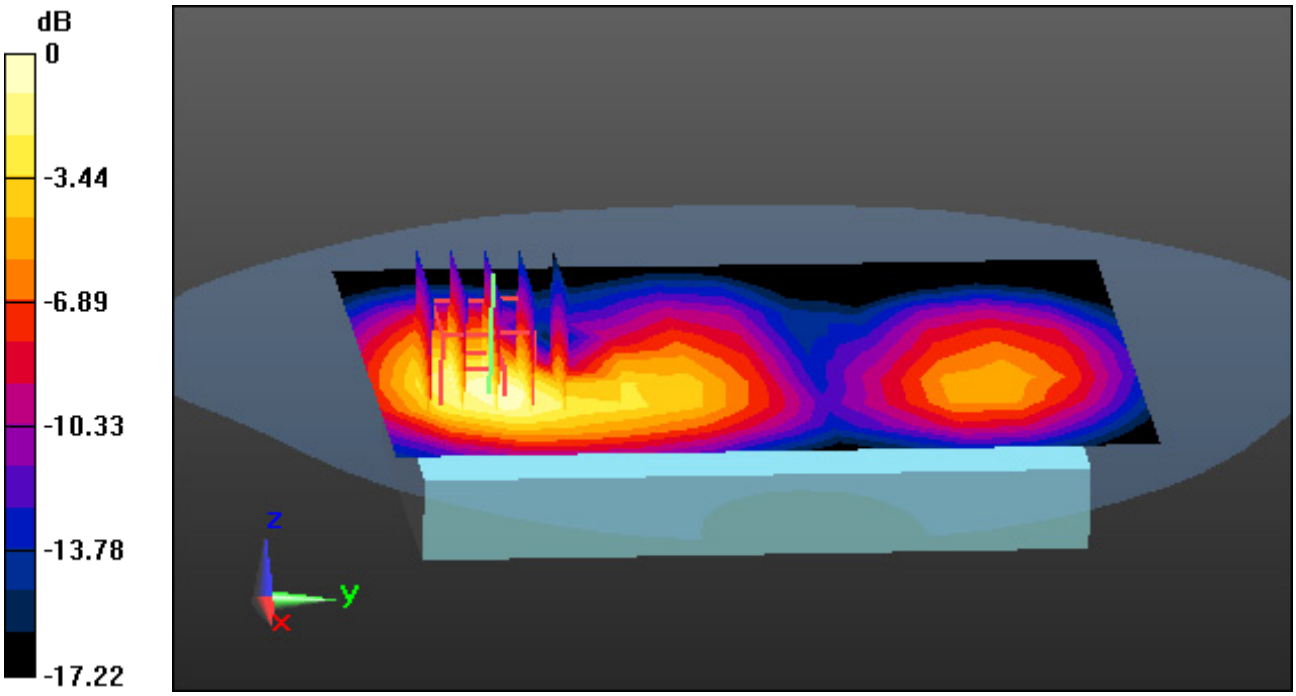
Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.364 S/m; ε_r = 39.37; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.17, 5.66, 5.64); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-12; Ambient Temp: 20.5; Tissue Temp: 20.4

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 = -0.09 dB
Peak SAR (extrapolated) = 0.924 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.314 W/kg



0 dB = 0.661 W/kg

DUT: PM86; Type: Bar

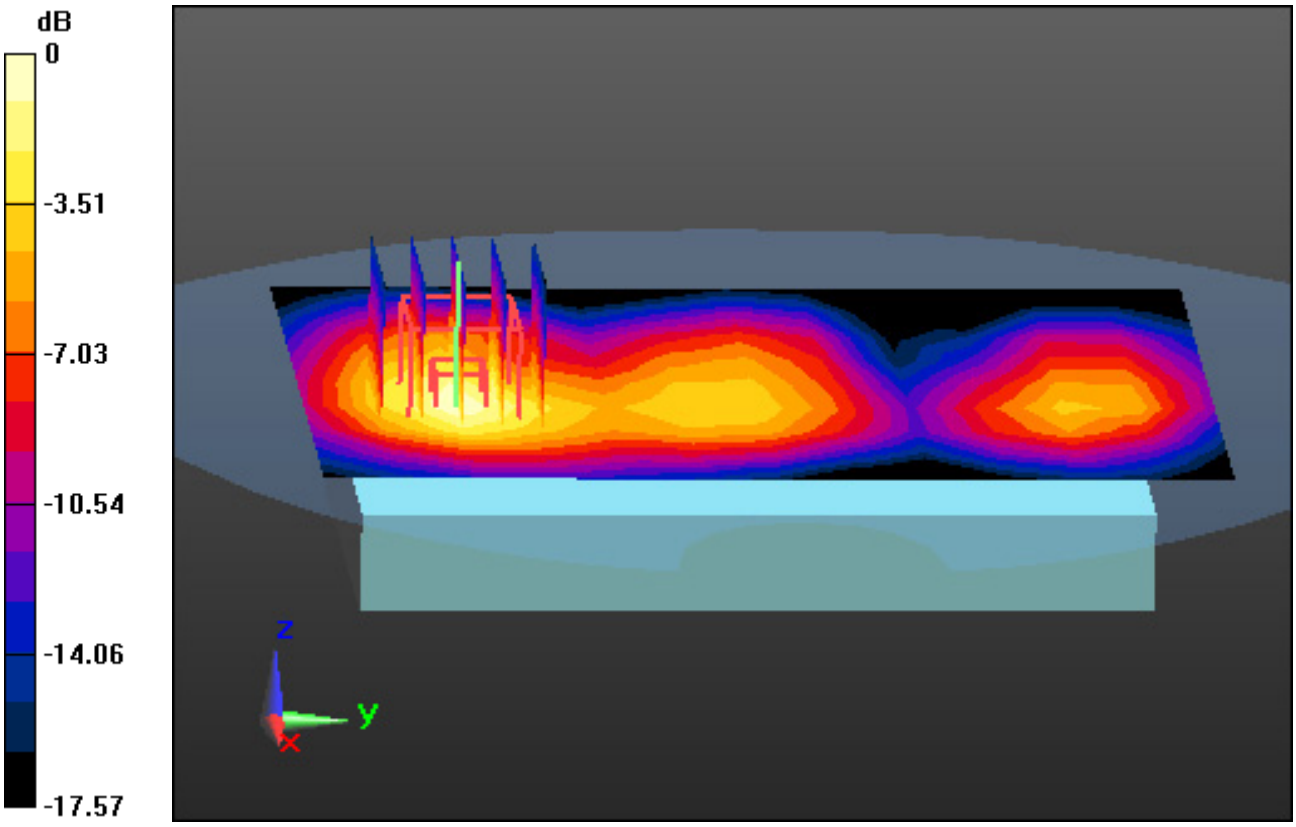
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.377 S/m; ε_r = 41.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-14; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Rear, WCDMA Band 2 Ch. 9400, 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 = 0.06 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.407 W/kg



0 dB = 0.891 W/kg

Dt&C Co., Ltd.

DUT: PM86; 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 = 0.861 S/m; ε_r = 41.606; ρ = 1000 kg/m^3
Phantom section: Flat Section

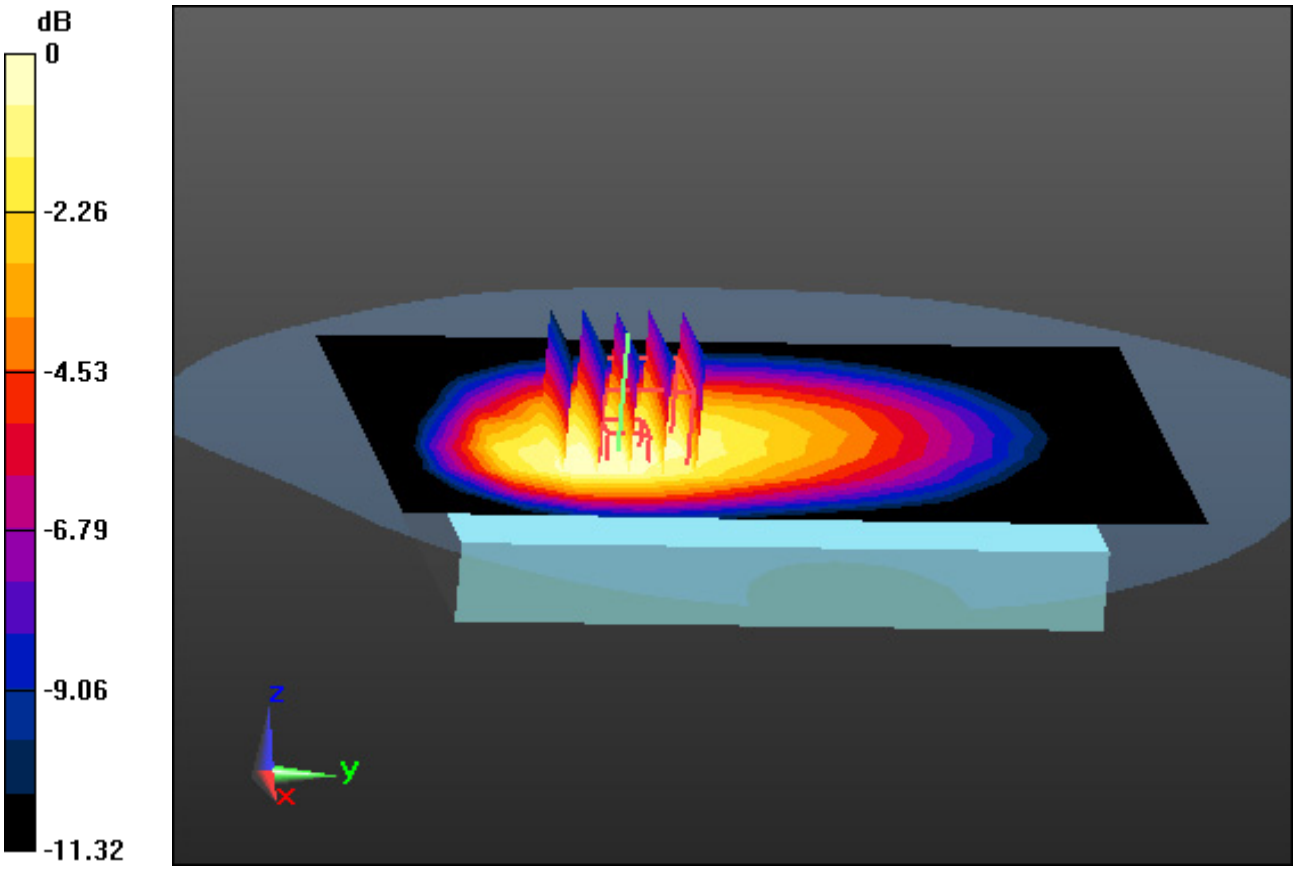
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.36, 6.41); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-09; Ambient Temp: 20.9; Tissue Temp: 20.8

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 = -0.01 dB
Peak SAR (extrapolated) = 0.584 W/kg
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.276 W/kg



0 dB = 0.450 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.886 S/m; ε_r = 41.371; ρ = 1000 kg/m^3
Phantom section: Flat Section

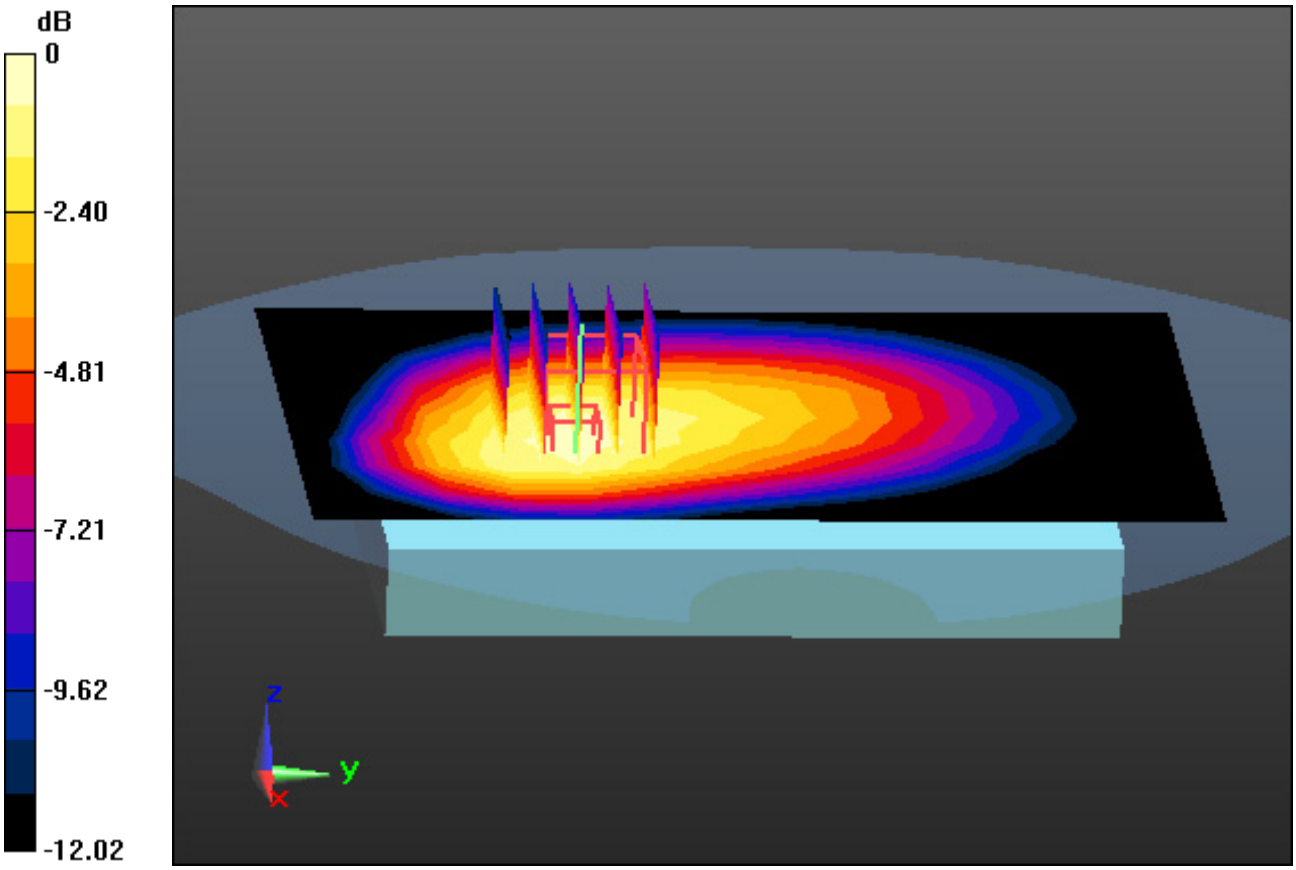
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.36, 6.41); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-09; Ambient Temp: 20.9; Tissue Temp: 20.8

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

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.367 W/kg



0 dB = 0.615 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.927 S/m; ε_r = 40.879; ρ = 1000 kg/m^3
Phantom section: Flat Section

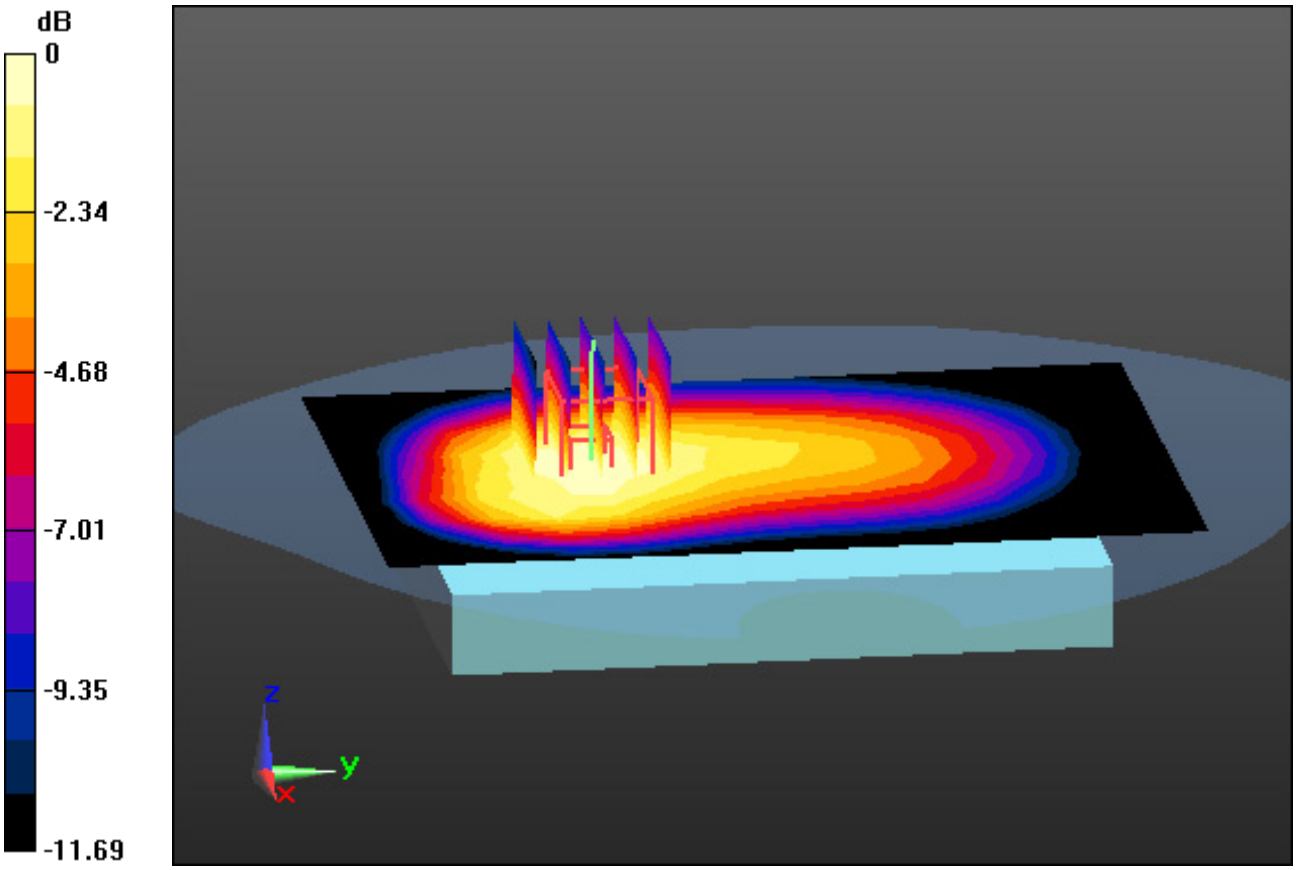
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.9, 6.2, 6.26); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-11; Ambient Temp: 21.1; Tissue Temp: 21.0

1 cm space from Body, Rear, LTE Band 26 Ch. 26865, Ant Internal

Mode : BandWidth 15 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) = 0.738 W/kg
SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.350 W/kg



0 dB = 0.577 W/kg

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.369 S/m; ε_r = 39.344; ρ = 1000 kg/m^3
Phantom section: Flat Section

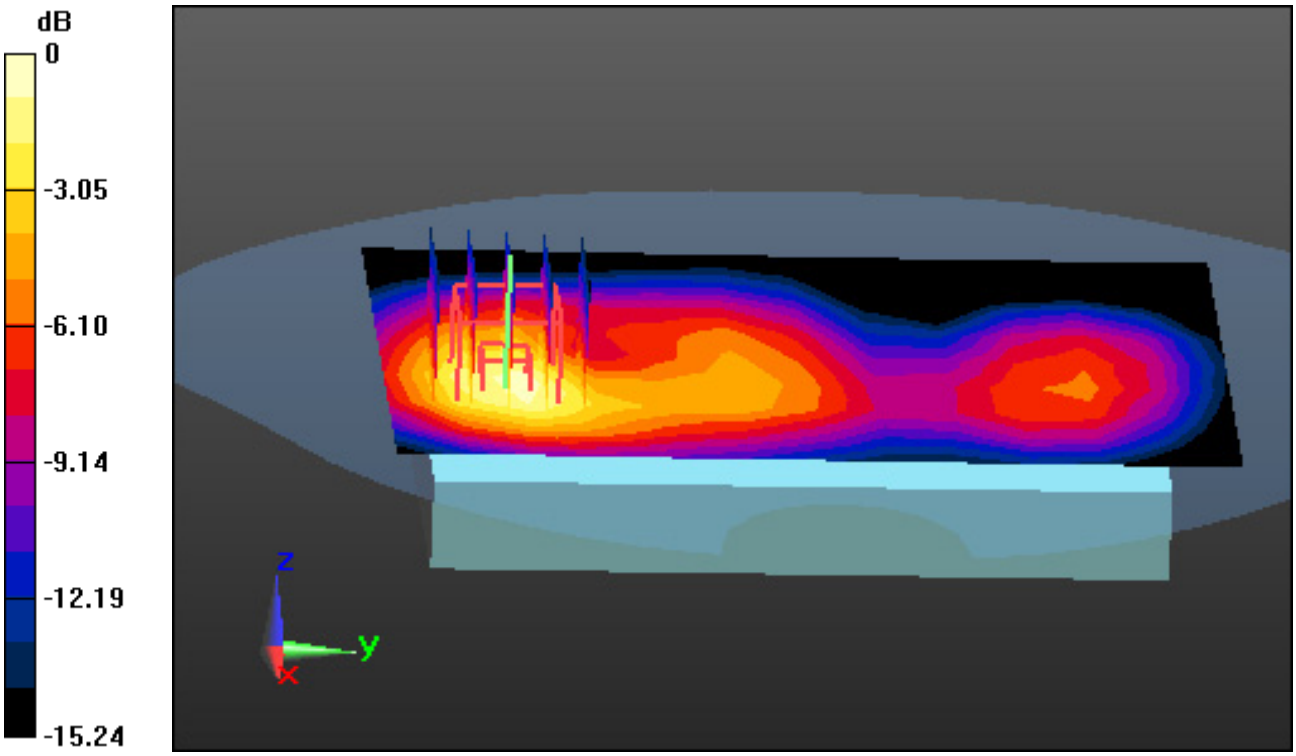
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.17, 5.66, 5.64); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-12; Ambient Temp: 20.5; Tissue Temp: 20.4

1 cm space from Body, Rear, LTE Band 66 Ch. 132322, 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 = -0.09 dB
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.313 W/kg



0 dB = 0.658 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.372 S/m; ε_r = 40.313; ρ = 1000 kg/m^3
Phantom section: Flat Section

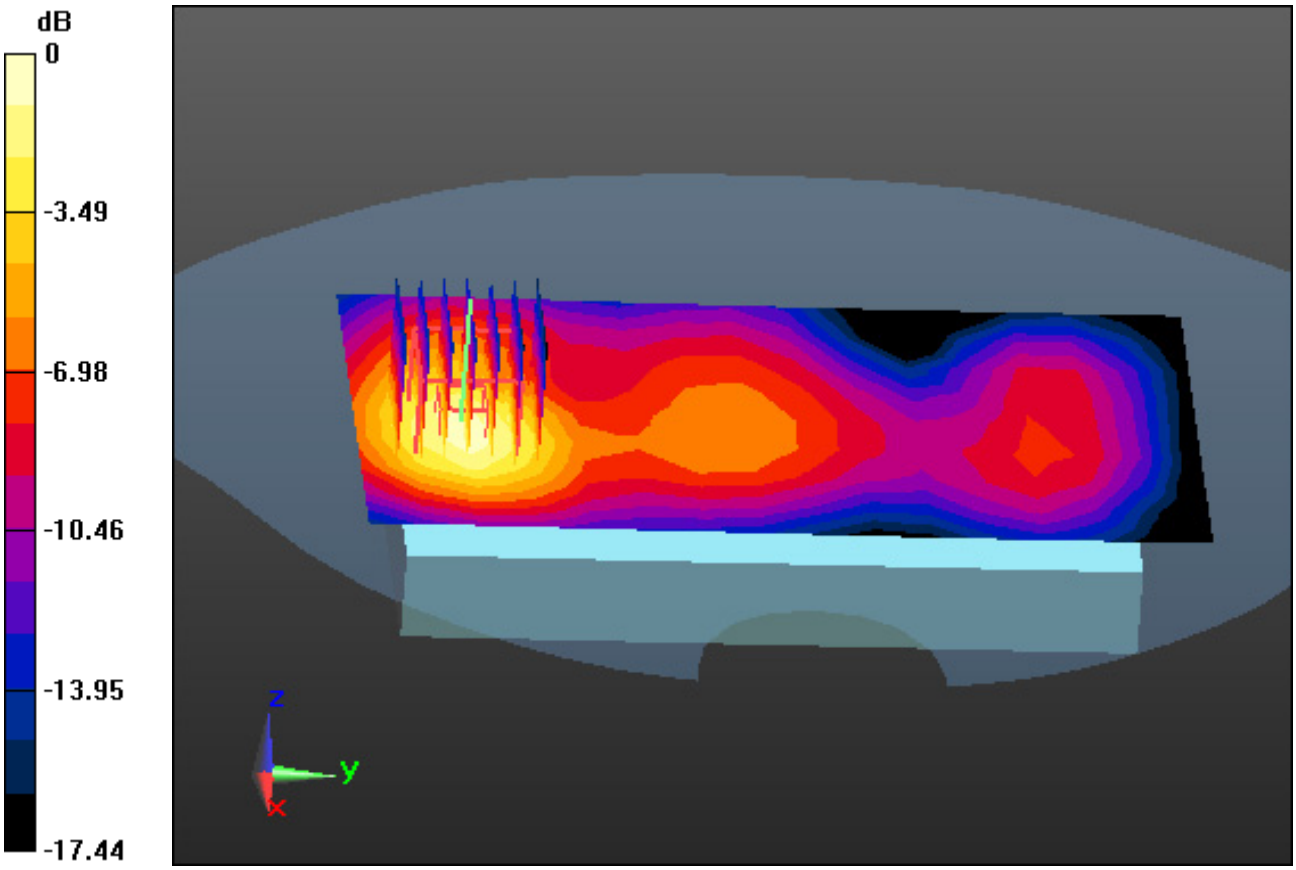
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-13; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Rear, LTE Band 25 Ch. 26365, Ant Internal

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

Area Scan (9x16x1): 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) = 1.13 W/kg
SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.374 W/kg



0 dB = 0.802 W/kg

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.902 S/m; ε_r = 39.315; ρ = 1000 kg/m^3
Phantom section: Flat Section

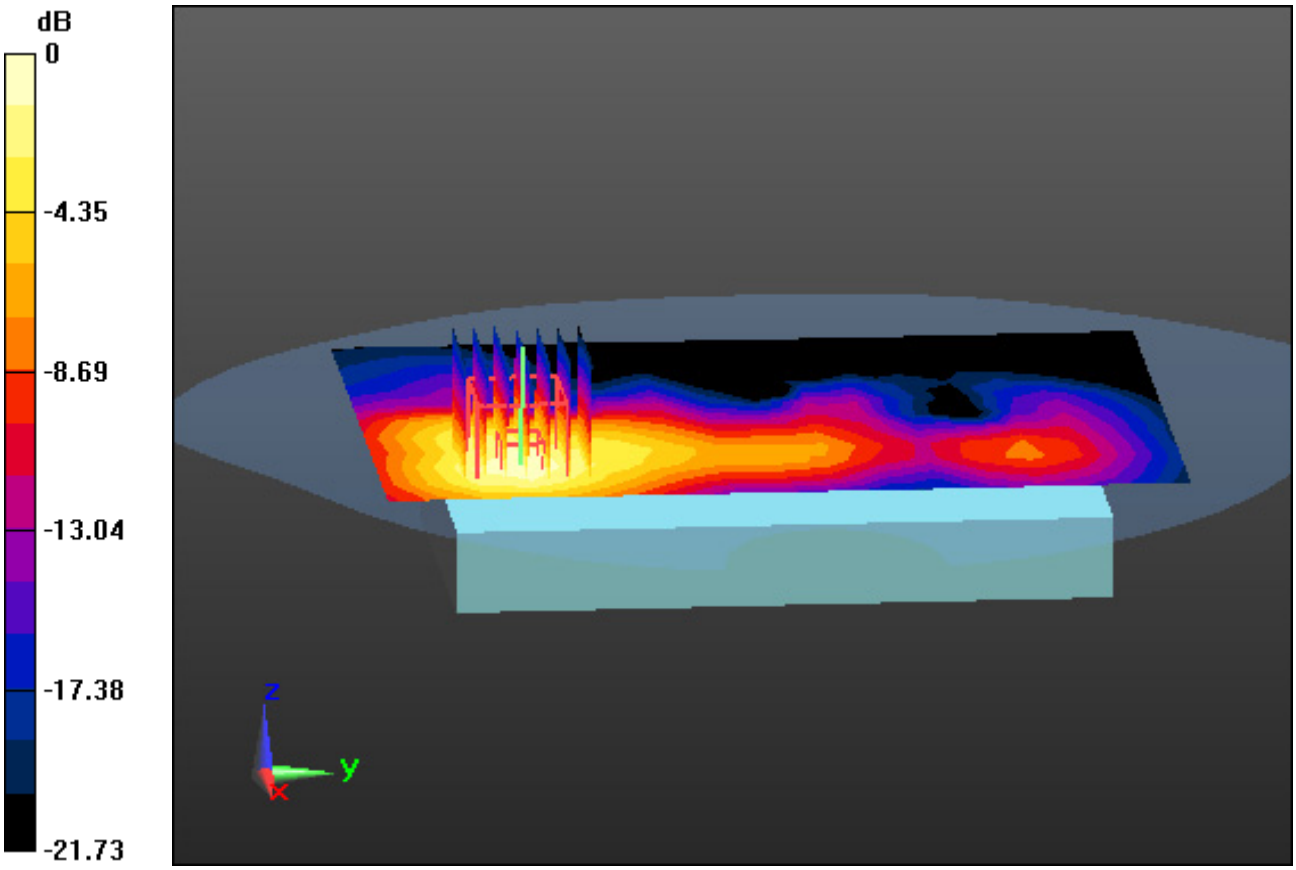
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.1, 4.67, 4.73); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-17; Ambient Temp: 21.2; Tissue Temp: 21.1

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

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.409 W/kg



0 dB = 1.03 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 2593 MHz; σ = 1.905 S/m; ε_r = 38.085; ρ = 1000 kg/m^3
Phantom section: Flat Section

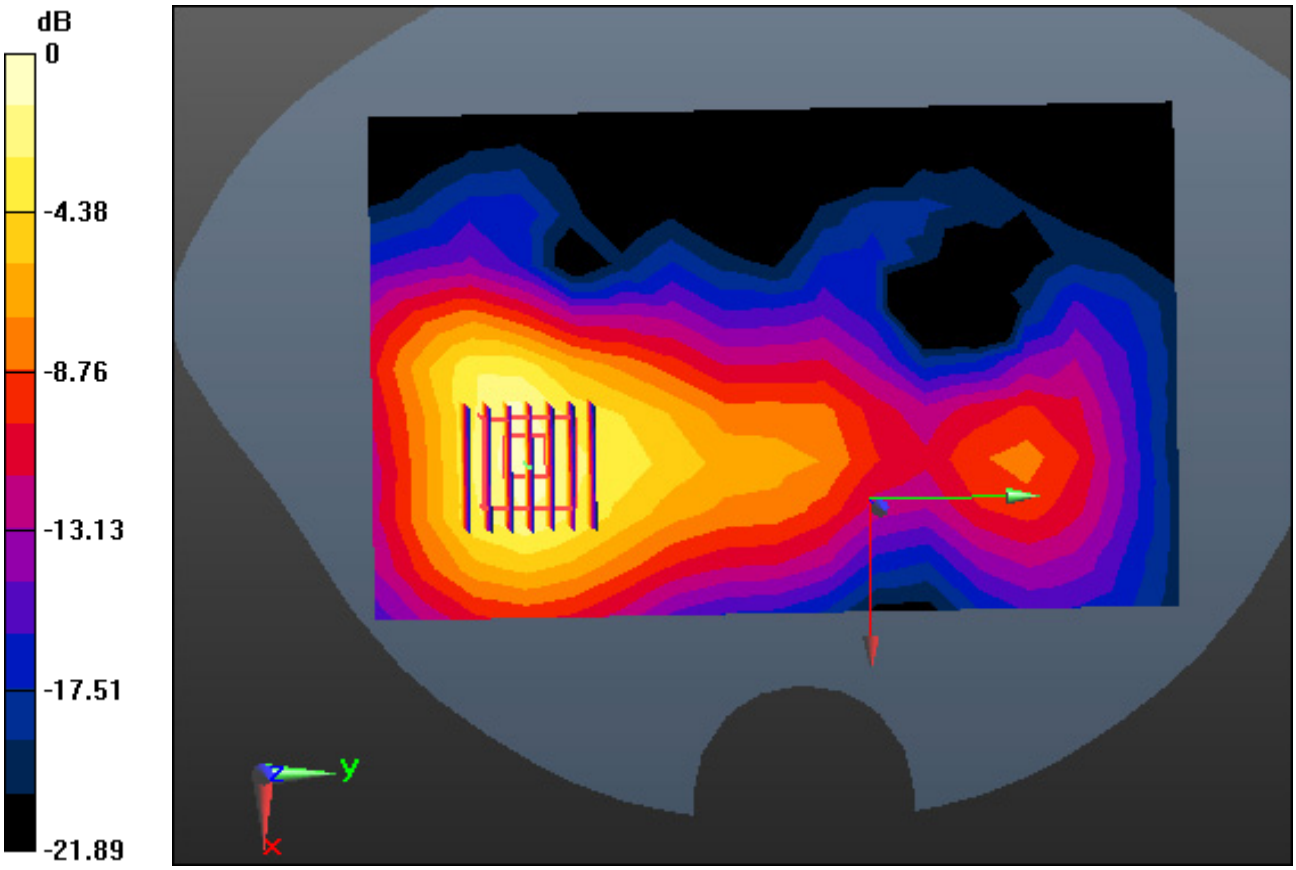
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.1, 4.67, 4.73); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-05-23; Ambient Temp: 21.3; Tissue Temp: 21.2

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

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.266 W/kg



0 dB = 0.692 W/kg

DUT: PM86; Type: Bar

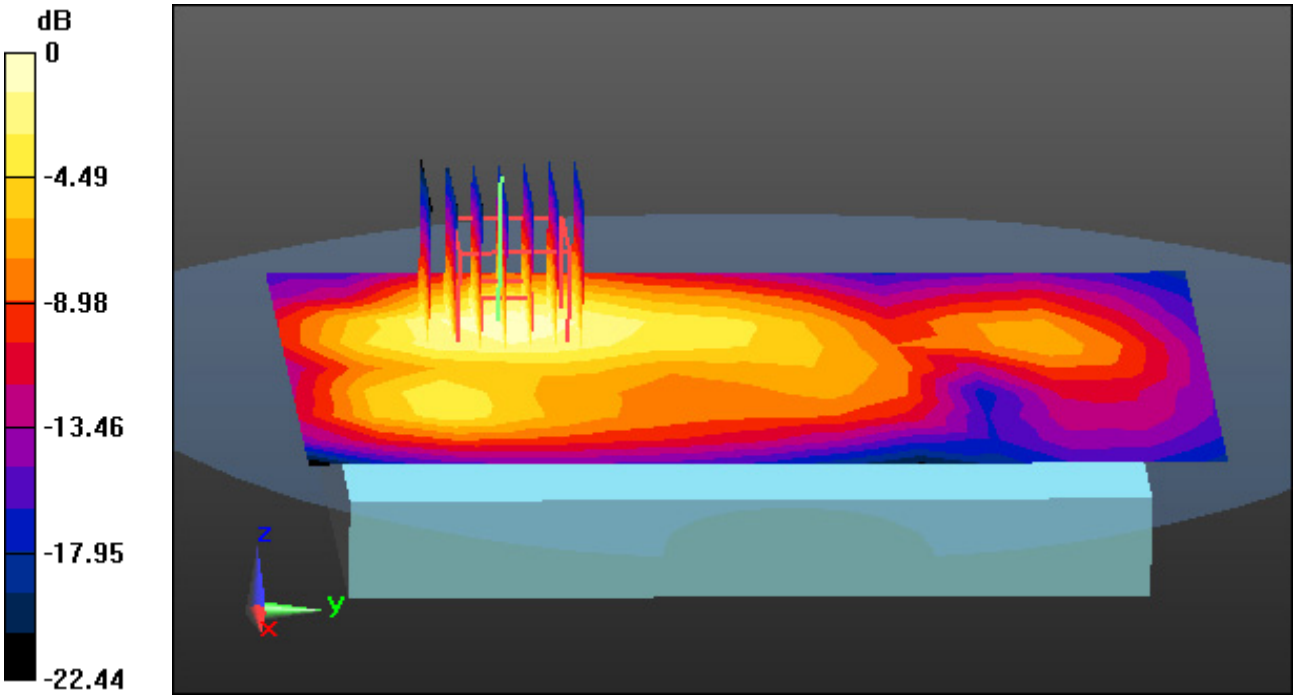
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.784 S/m; ε_r = 38.501; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal, Ant.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 = -0.03 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.153 W/kg



0 dB = 0.366 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

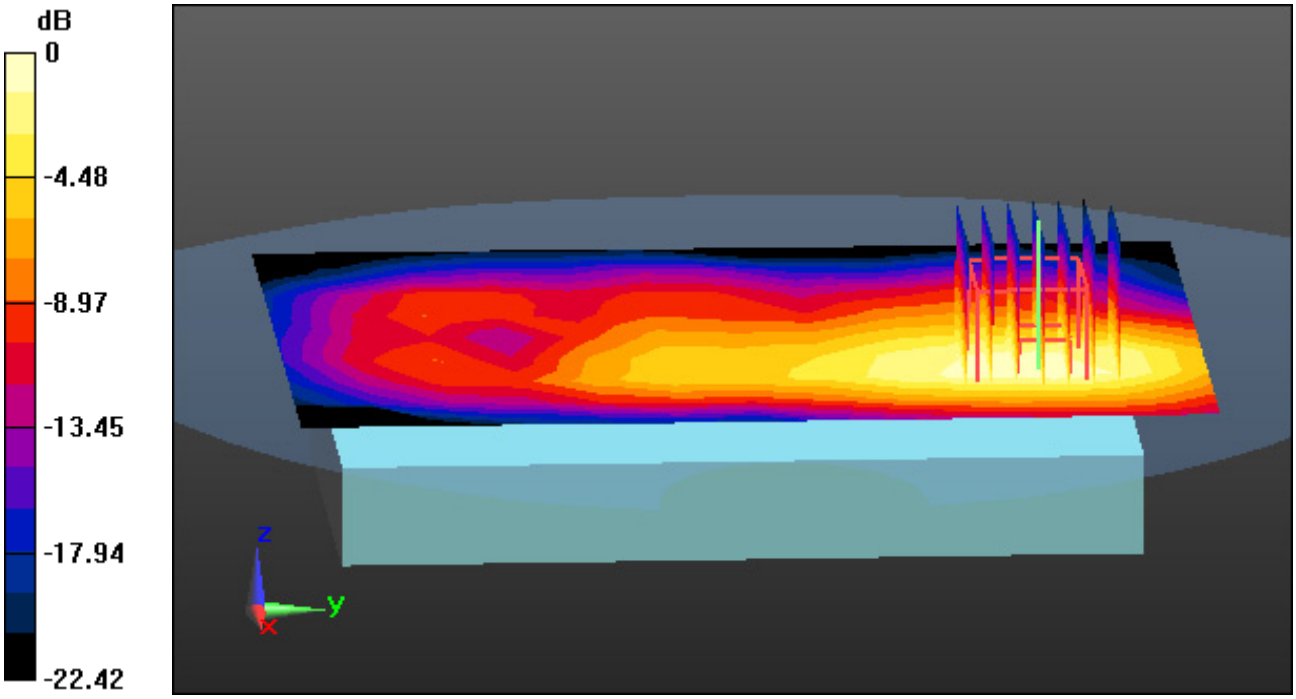
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.753 S/m; ε_r = 38.61; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal, Ant.2

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.099 W/kg



0 dB = 0.237 W/kg

DUT: PM86; Type: Bar

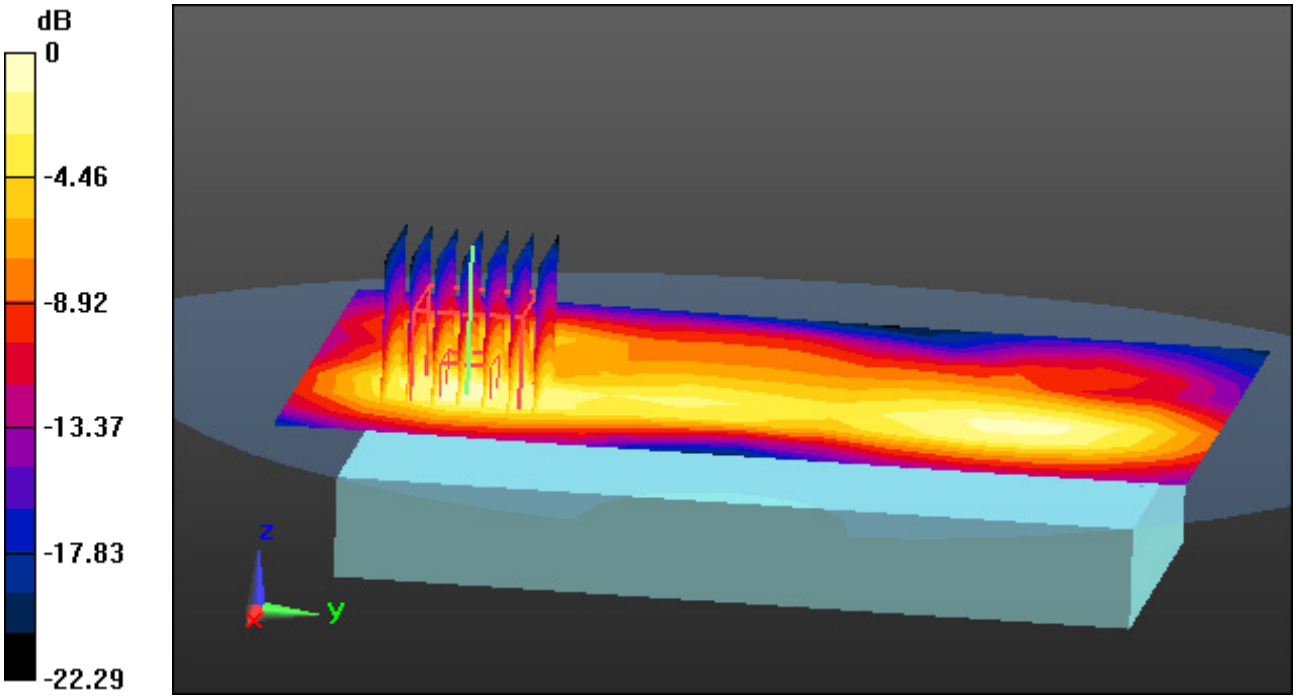
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.784 S/m; ε_r = 38.501; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Front, W-LAN(802.11g) Ch. 6, Ant Internal, MIMO

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.105 W/kg



0 dB = 0.274 W/kg

DUT: PM86; Type: Bar

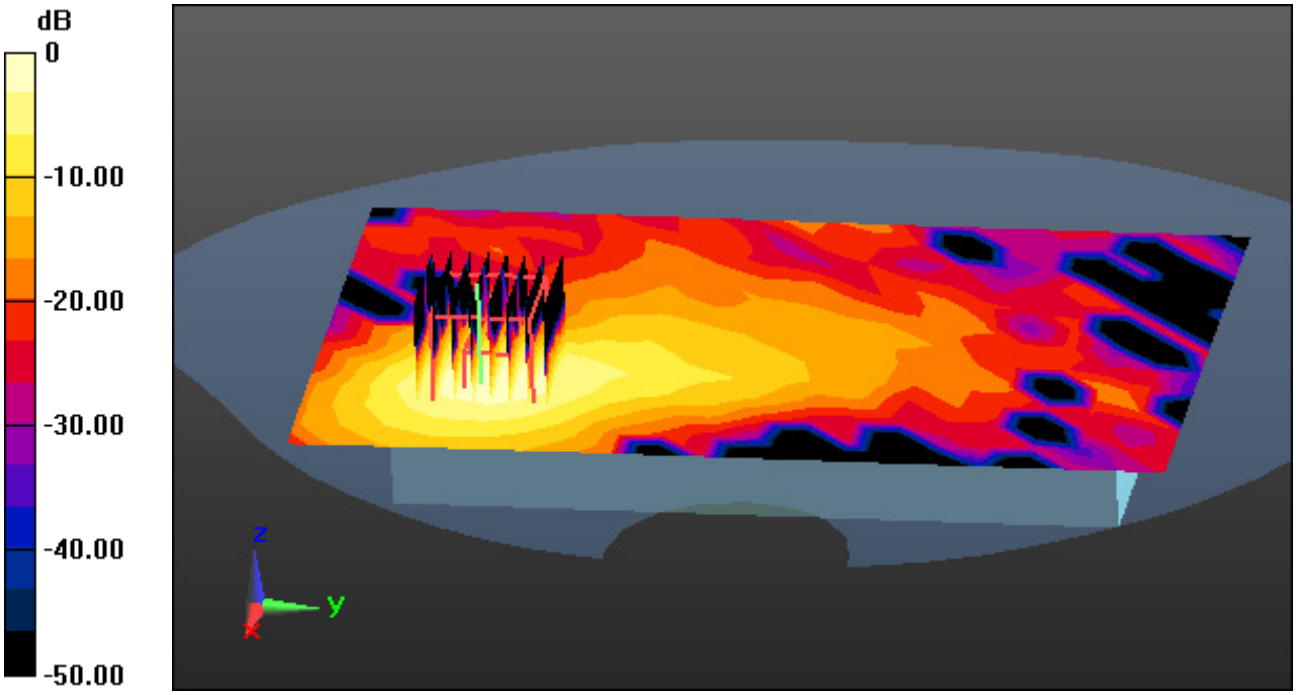
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.725 S/m; ε_r = 35.728; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from Body, Front, W-LAN(802.11a) Ch. 52, Ant Internal, Ant.1

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.133 W/kg



0 dB = 0.798 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

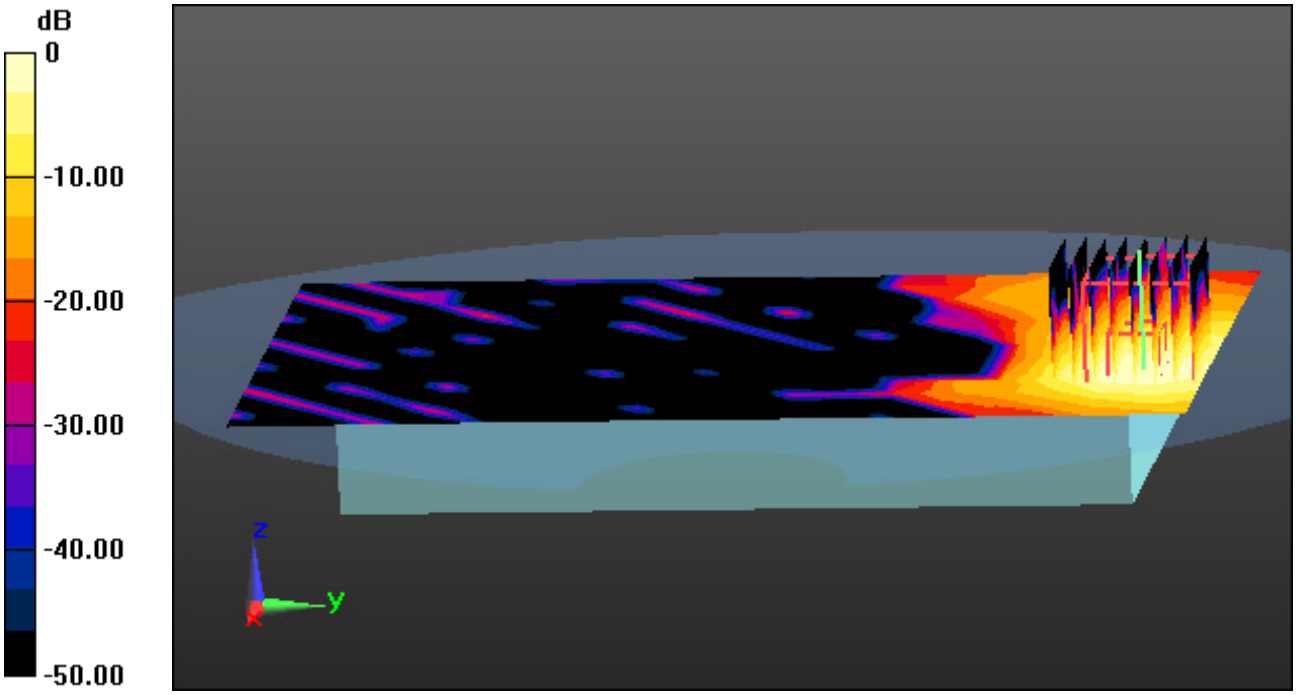
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.725 S/m; ε_r = 35.728; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from Body, Front, W-LAN(802.11a) Ch. 52, Ant Internal, Ant.2

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.123 W/kg



0 dB = 0.698 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

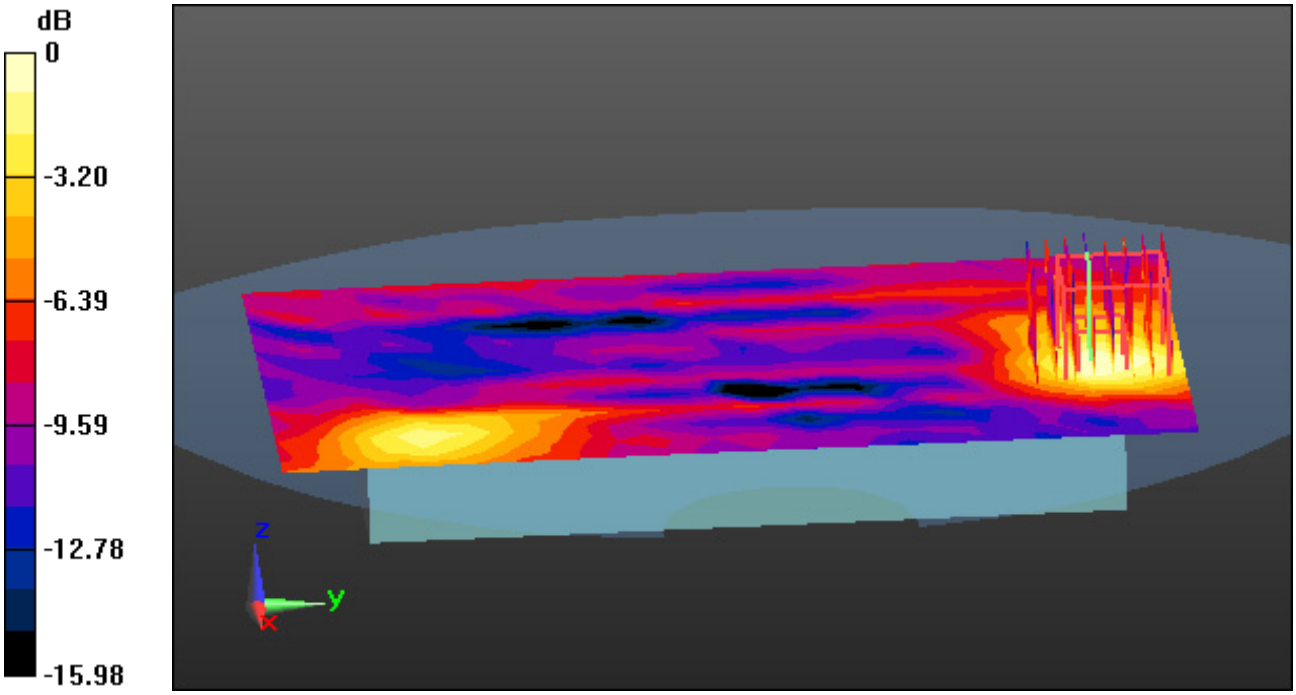
Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.725 S/m; ε_r = 35.728; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from Body, Front, W-LAN(802.11a) Ch. 52, Ant Internal, MIMO

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.820 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.138 W/kg



0 dB = 0.476 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

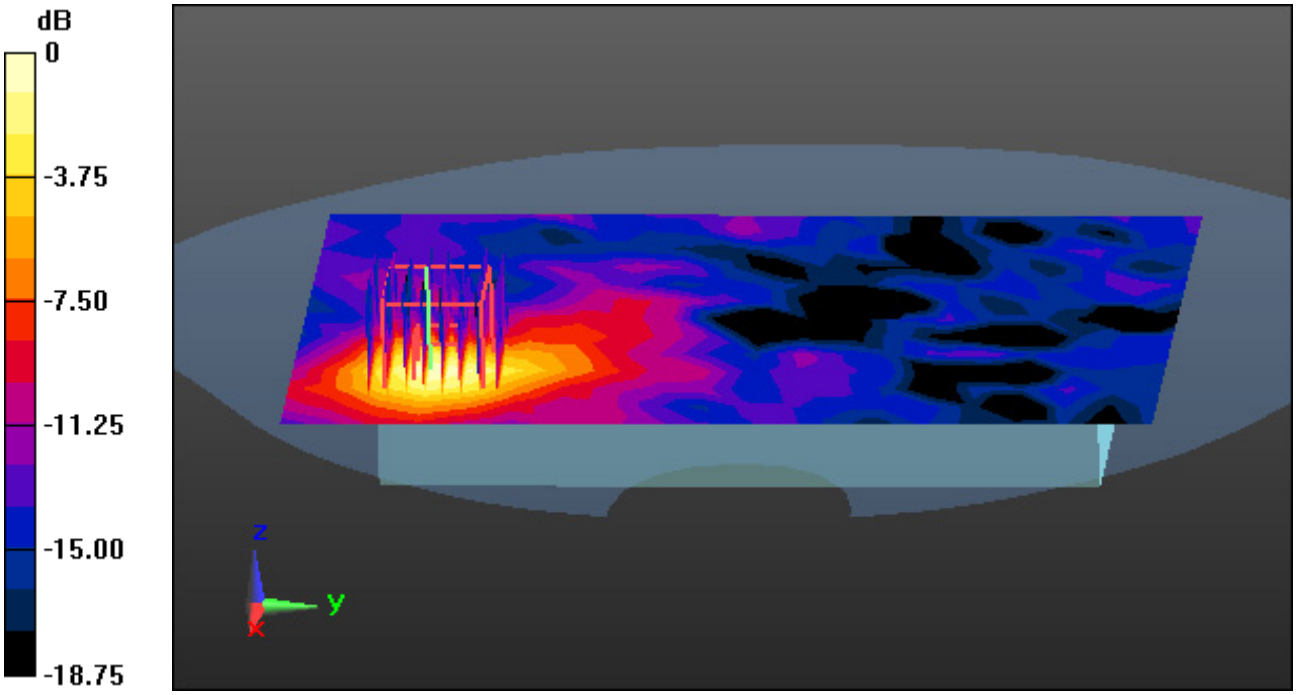
Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.063 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Front, W-LAN(802.11a) Ch. 100, Ant Internal, Ant.1

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.775 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.087 W/kg



0 dB = 0.450 W/kg

DUT: PM86; Type: Bar

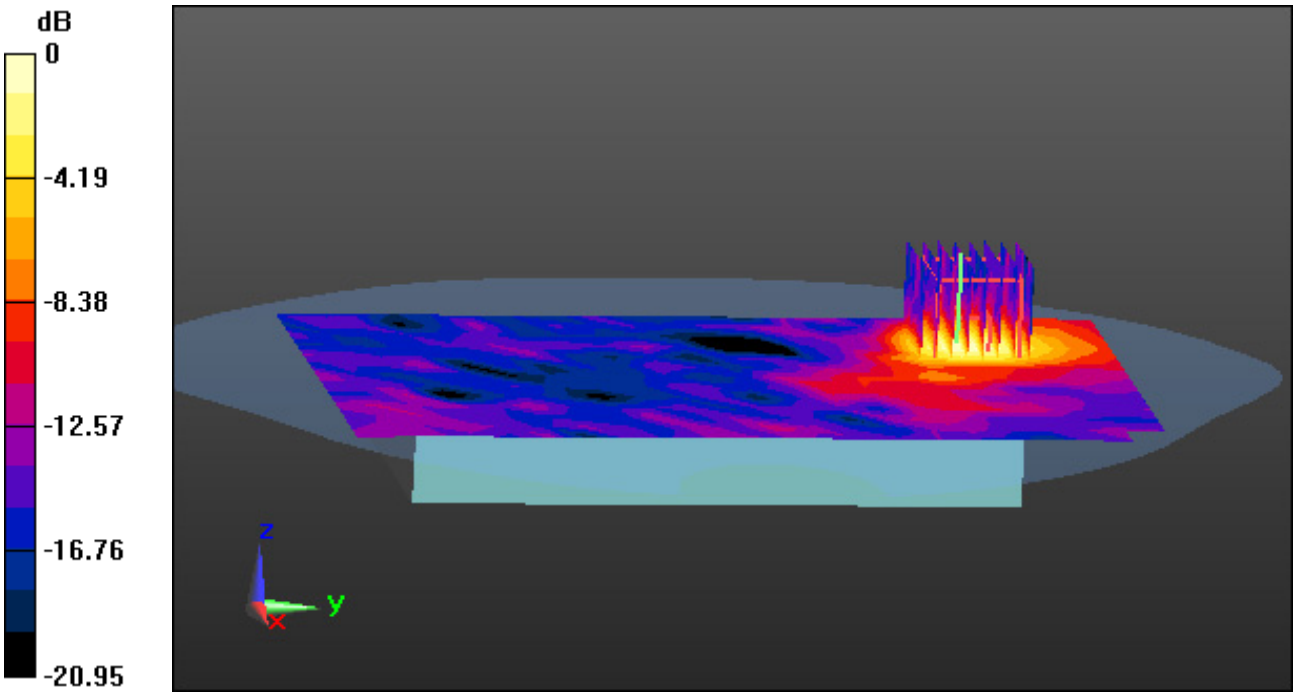
Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.063 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

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

Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.121 W/kg



0 dB = 0.621 W/kg

DUT: PM86; Type: Bar

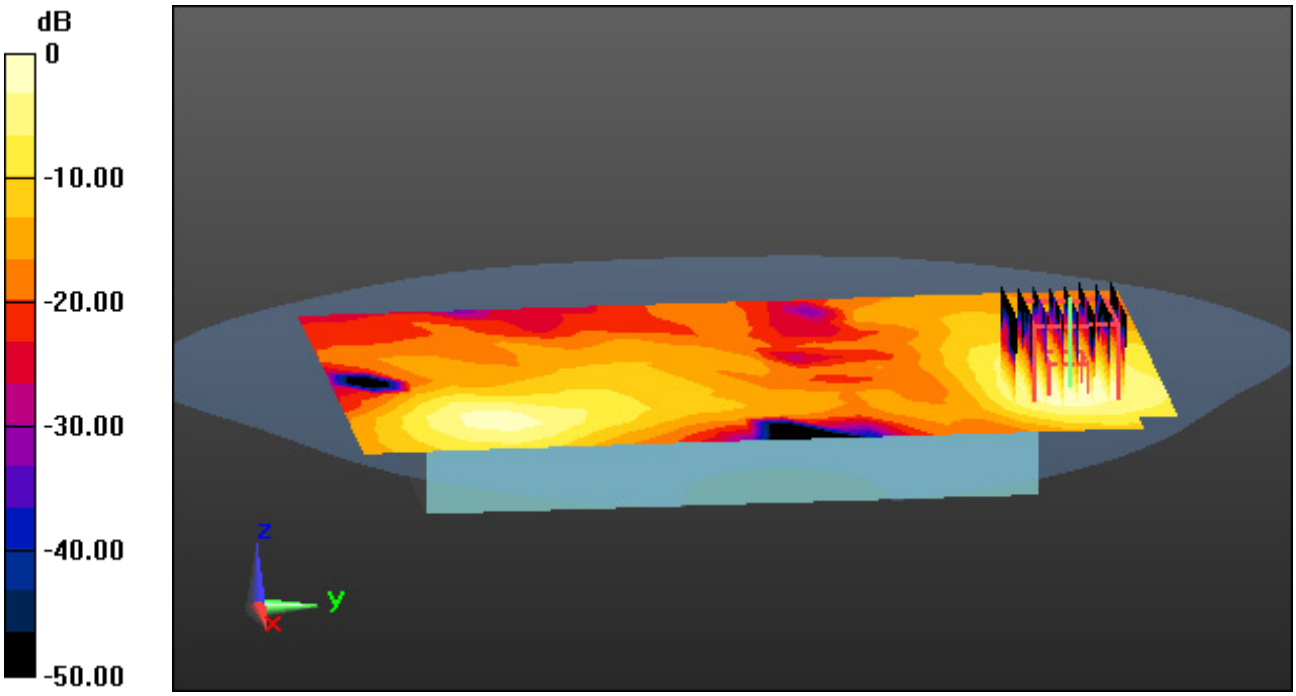
Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.063 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-16; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Front, W-LAN(802.11a) Ch. 100, Ant Internal, MIMO

Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.190 W/kg



0 dB = 1.11 W/kg

DUT: PM86; Type: Bar

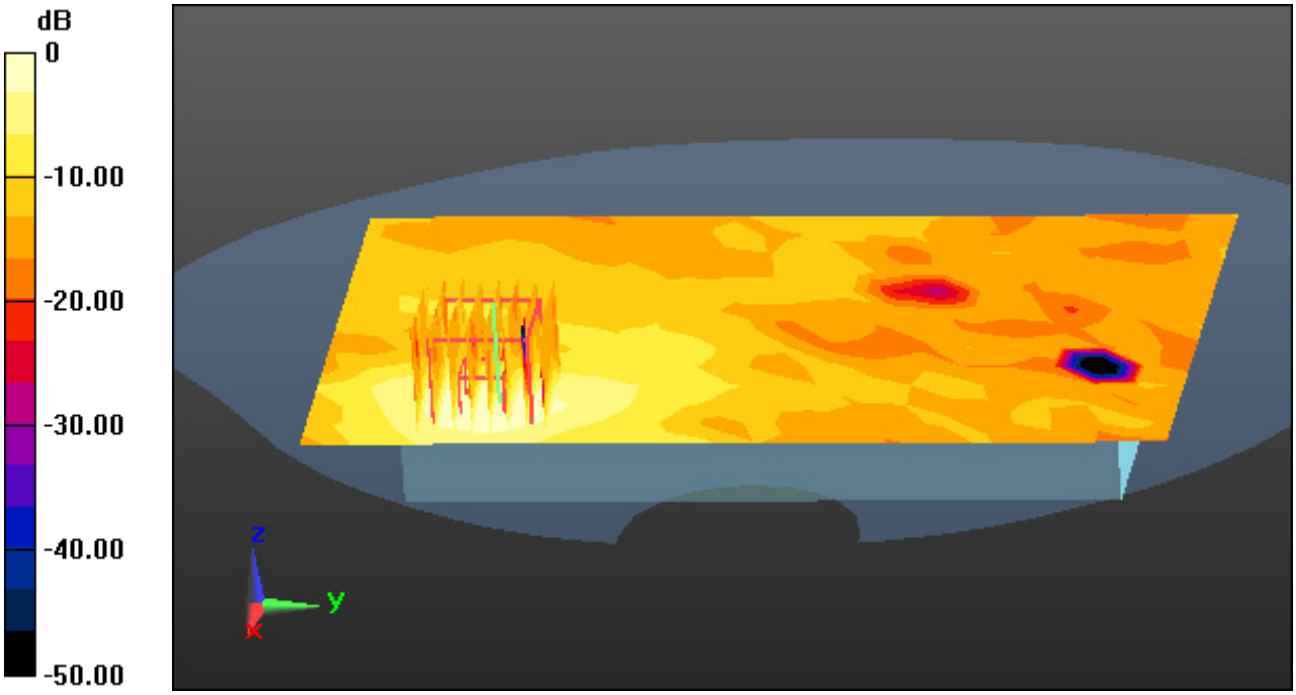
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.228 S/m; ε_r = 35.845; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

1 cm space from Body, Front, W-LAN(802.11a) Ch. 149, Ant Internal, Ant.1

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.632 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.364 W/kg

DUT: PM86; Type: Bar

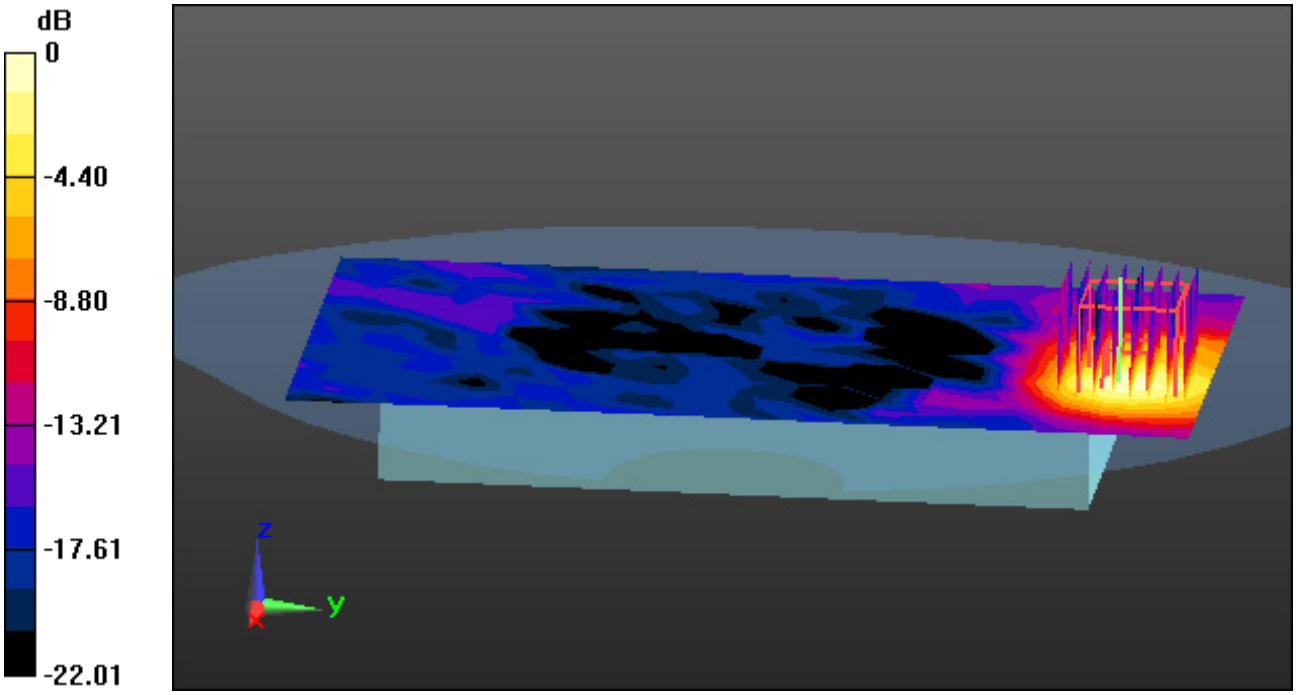
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.228 S/m; ε_r = 35.845; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

1 cm space from Body, Front, W-LAN(802.11a) Ch. 149, Ant Internal, Ant.2

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.140 W/kg



0 dB = 0.724 W/kg

DUT: PM86; Type: Bar

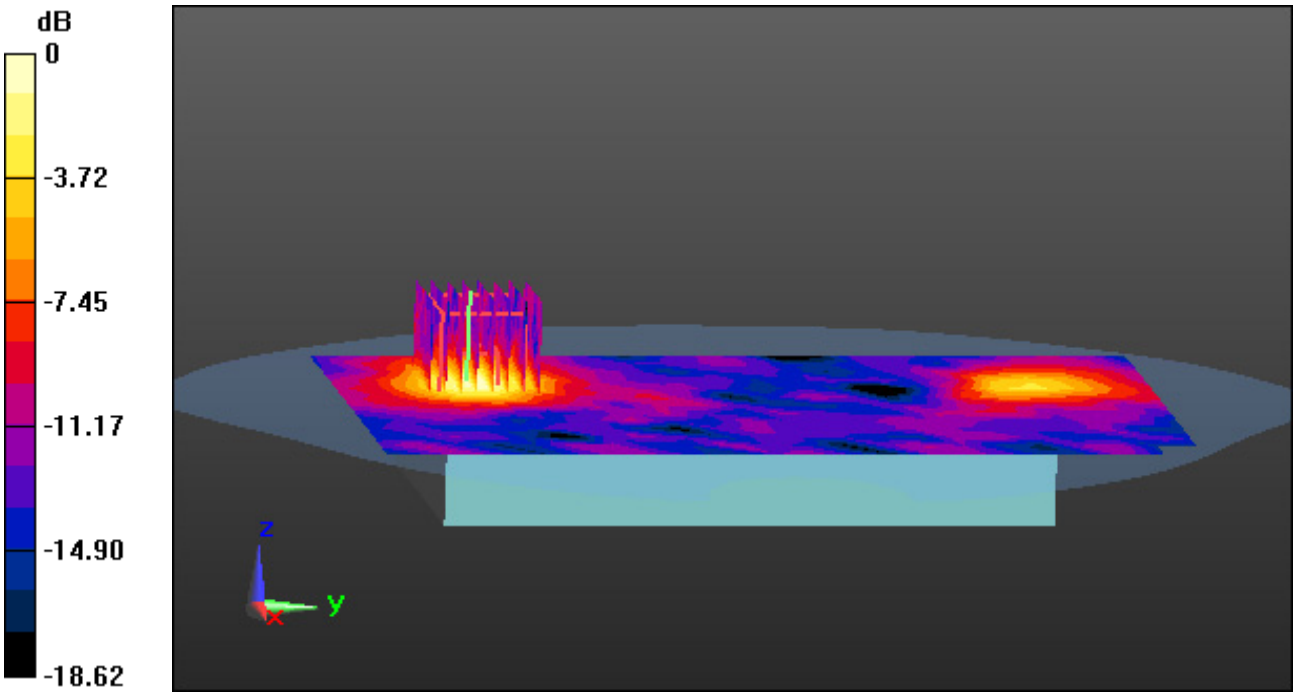
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.228 S/m; ε_r = 35.845; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

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

Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.206 W/kg



0 dB = 0.923 W/kg

DUT: PM86; Type: Bar

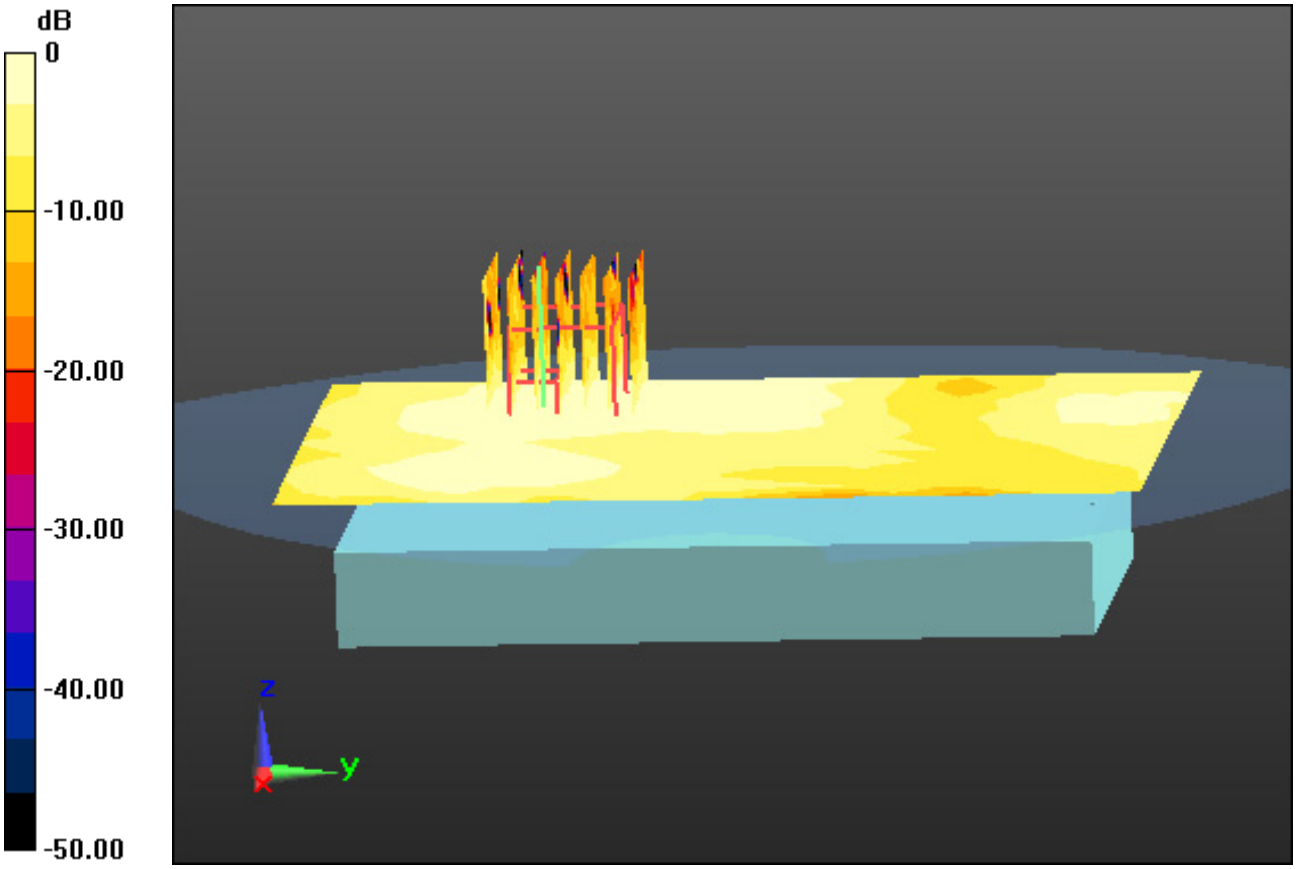
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.846 S/m; ε_r = 39.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

1 cm space from Body, Rear, Bluetooth 1 Mbps 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 = 0.01 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.004 W/kg; SAR(10 g) = 0.002 W/kg



0 dB = 0.00497 W/kg

DUT: PM86; Type: Bar

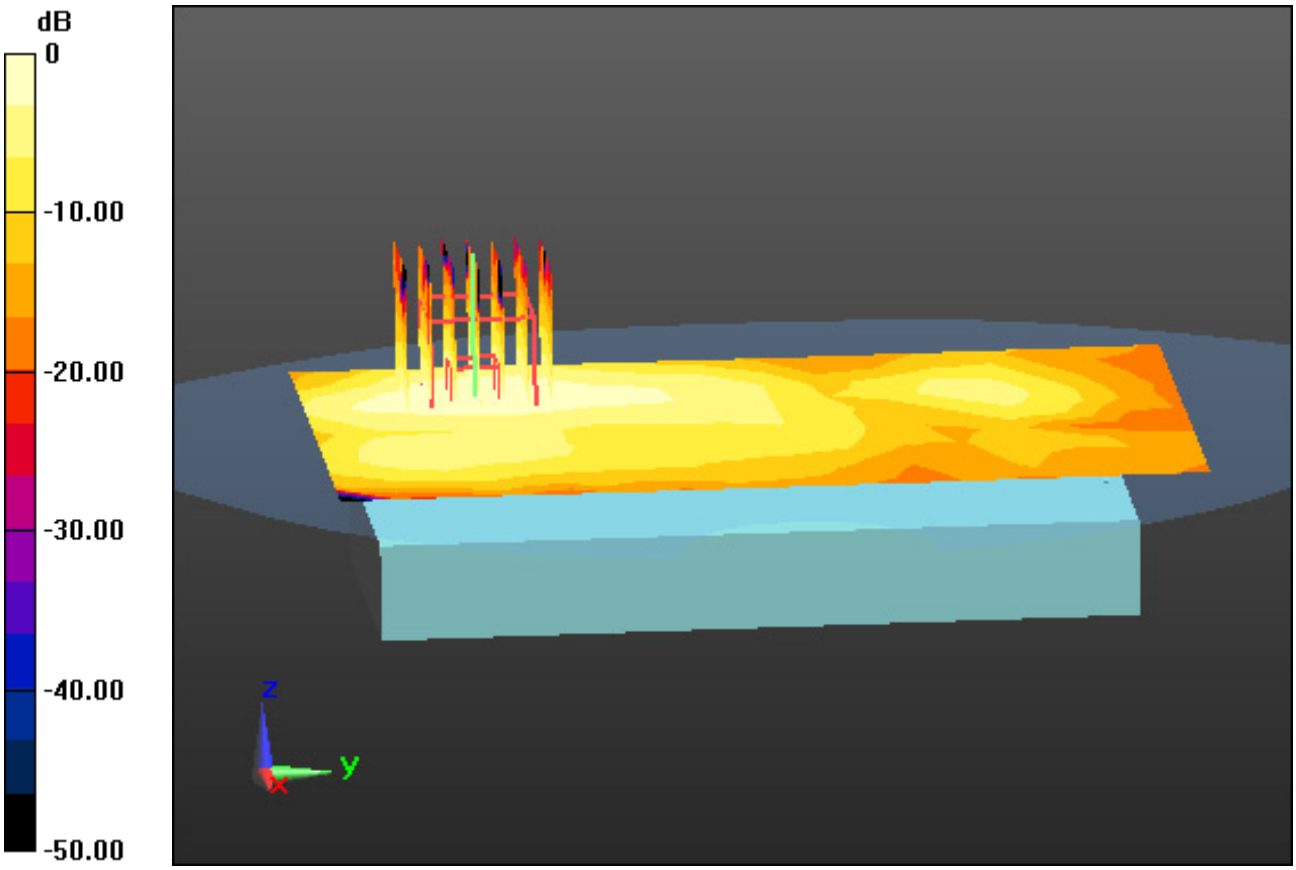
Communication System: UID 0, LE (0); Frequency: 2440 MHz;Duty Cycle: 1:1.178
Medium parameters used: f = 2440 MHz; σ = 1.845 S/m; ε_r = 39.177; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

1 cm space from Body, Rear, Bluetooth LE 1 Mbps Ch. 19, 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 = -0.00 dB
Peak SAR (extrapolated) = 0.0540 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.0330 W/kg

DUT: PM86; Type: Bar

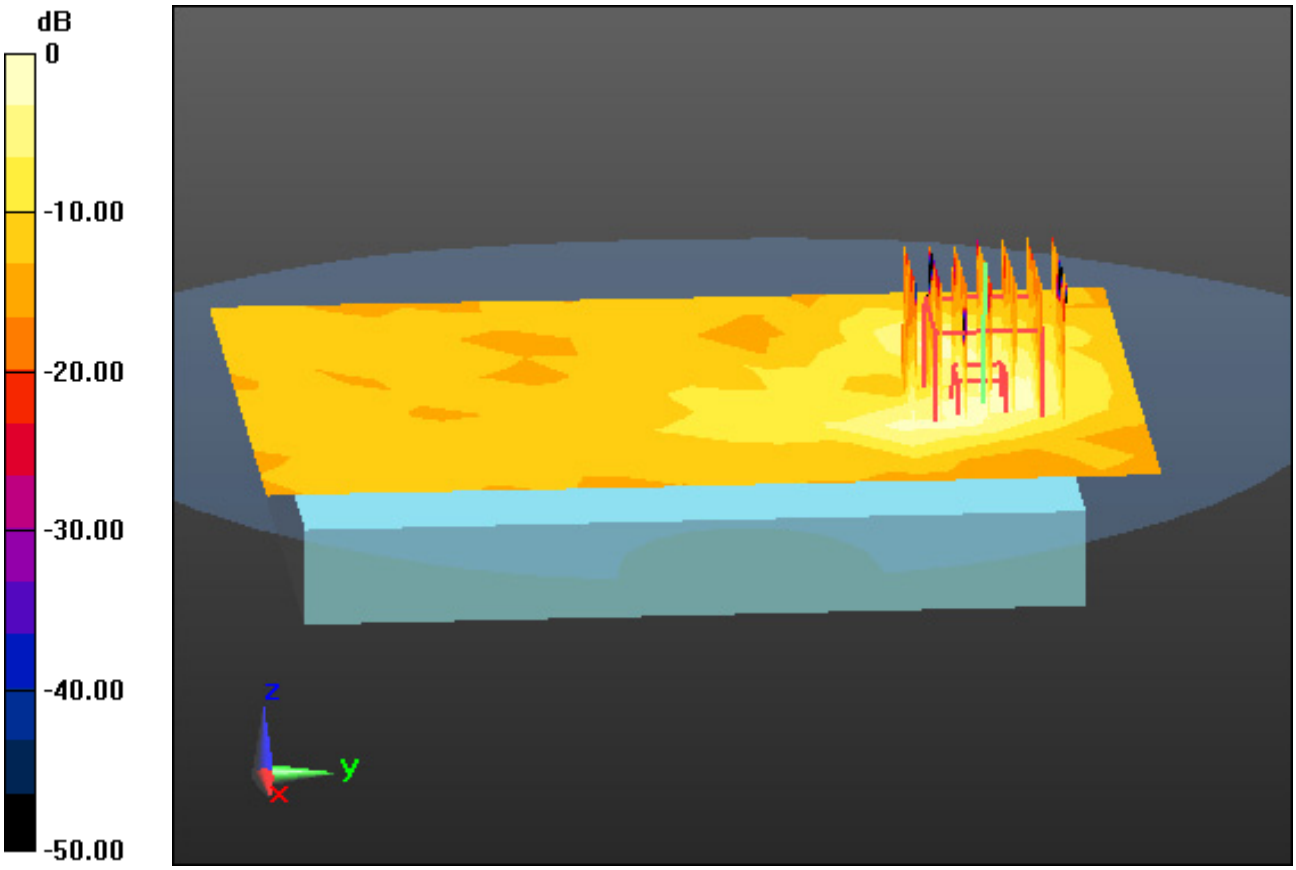
Communication System: UID 0, LE (0); Frequency: 2440 MHz;Duty Cycle: 1:1.168
Medium parameters used: f = 2440 MHz; σ = 1.845 S/m; ε_r = 39.177; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

1 cm space from Body, Rear, Bluetooth LE 1 Mbps Ch. 19, Ant Internal, Module 2

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0220 W/kg
SAR(1 g) = 0.009 W/kg; SAR(10 g) = 0.004 W/kg



0 dB = 0.0126 W/kg

DUT: PM86; Type: Bar

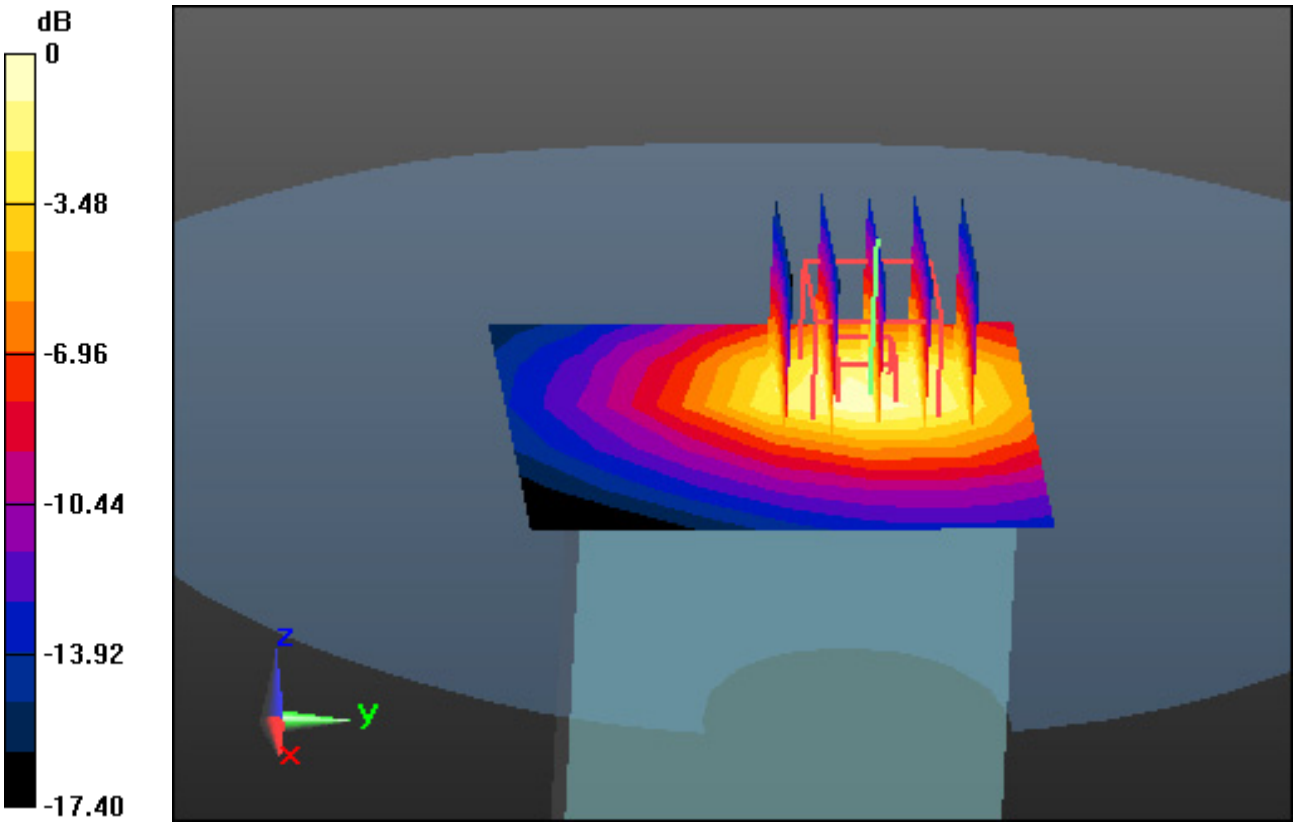
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.377 S/m; ε_r = 41.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-14; Ambient Temp: 21.7; Tissue Temp: 21.6

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

Area Scan (6x7x1): 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) = 1.75 W/kg
SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.551 W/kg



0 dB = 1.21 W/kg

DUT: PM86; Type: Bar

Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.372 S/m; ε_r = 40.313; ρ = 1000 kg/m^3
Phantom section: Flat Section

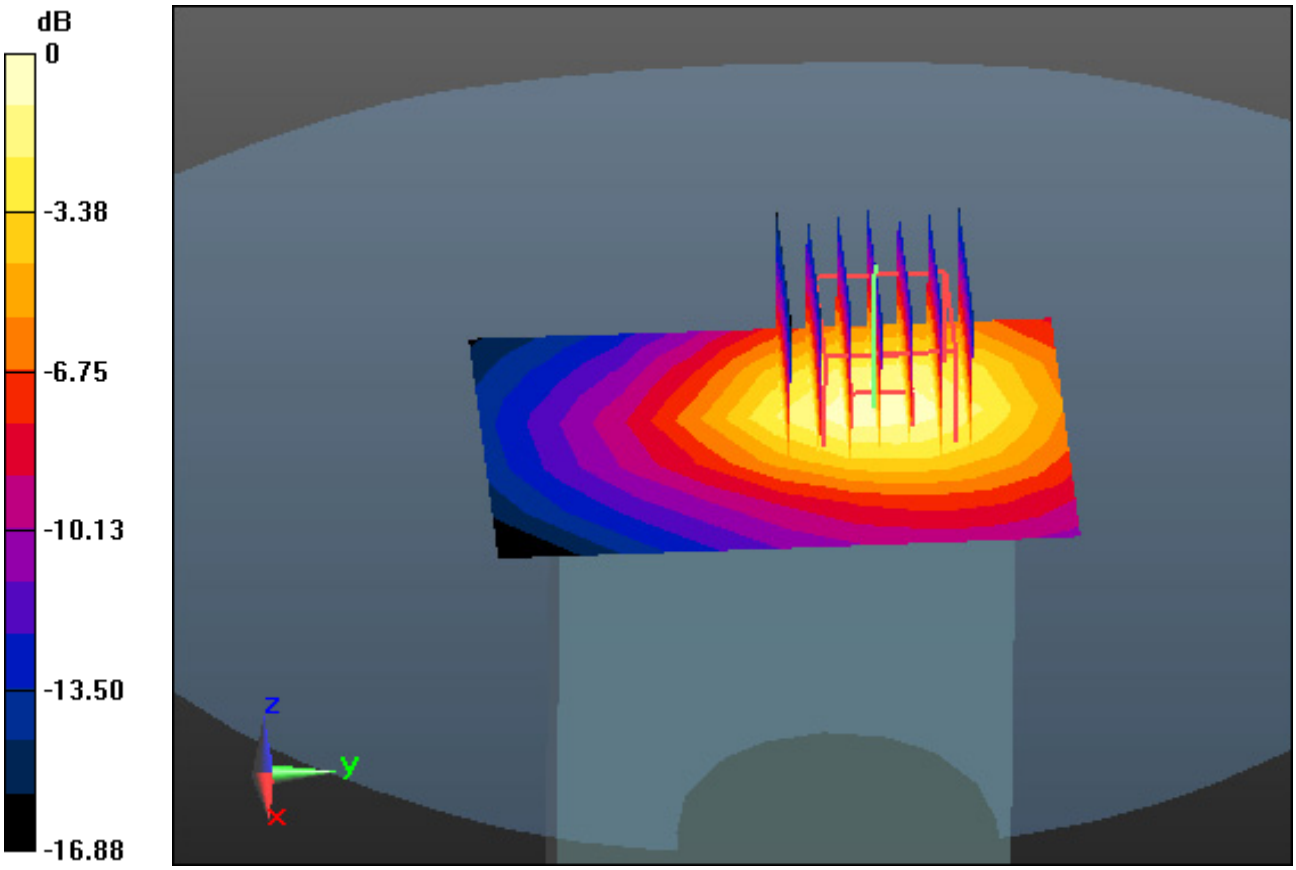
DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.91, 5.42, 5.43); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-13; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Bottom, LTE Band 25 Ch. 26365, Ant Internal

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

Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.498 W/kg



0 dB = 1.09 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

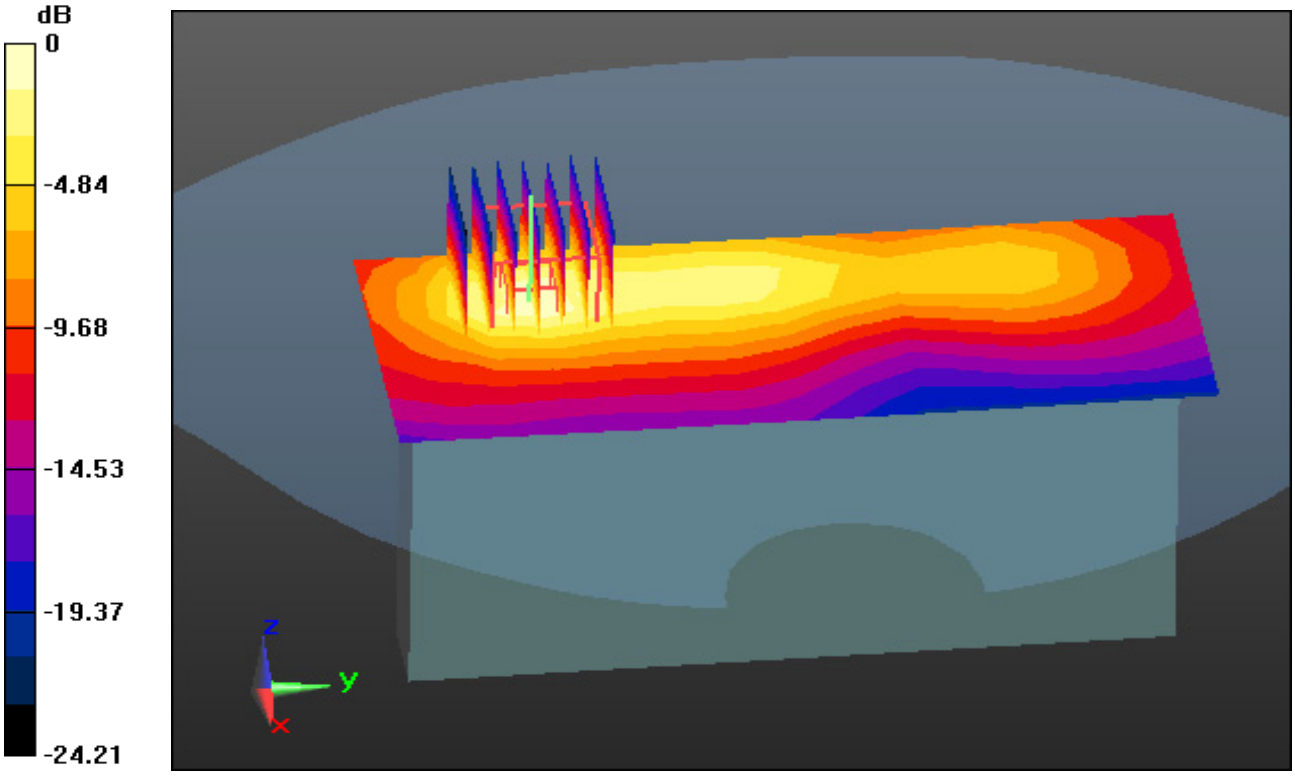
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.784 S/m; ε_r = 38.501; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Right, W-LAN(802.11b) Ch. 6, Ant Internal, Ant.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 = 0.12 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.169 W/kg



0 dB = 0.447 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

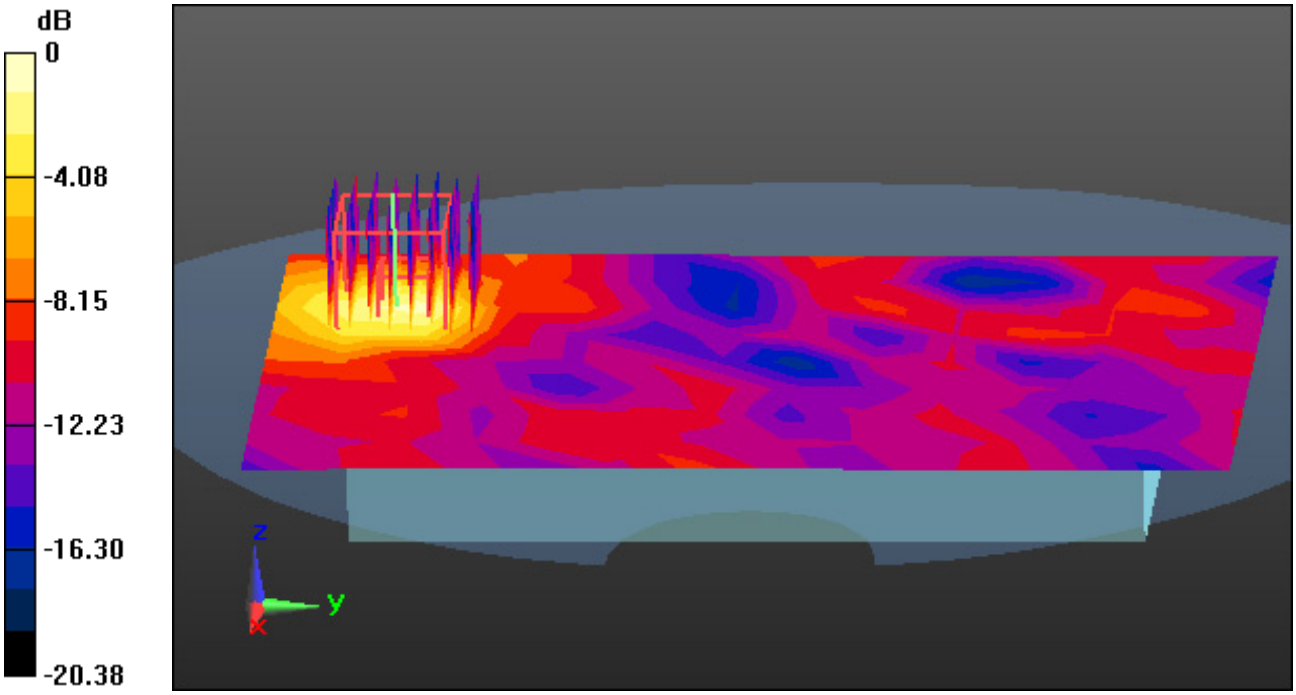
Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5190 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5190 MHz; σ = 4.638 S/m; ε_r = 35.884; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.64, 5.64, 5.64); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from Body, Rear, W-LAN(802.11n HT40) Ch. 38, Ant Internal, Ant.1

Area Scan (13x20x1): 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) = 0.575 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.078 W/kg



0 dB = 0.374 W/kg

DUT: PM86; Type: Bar

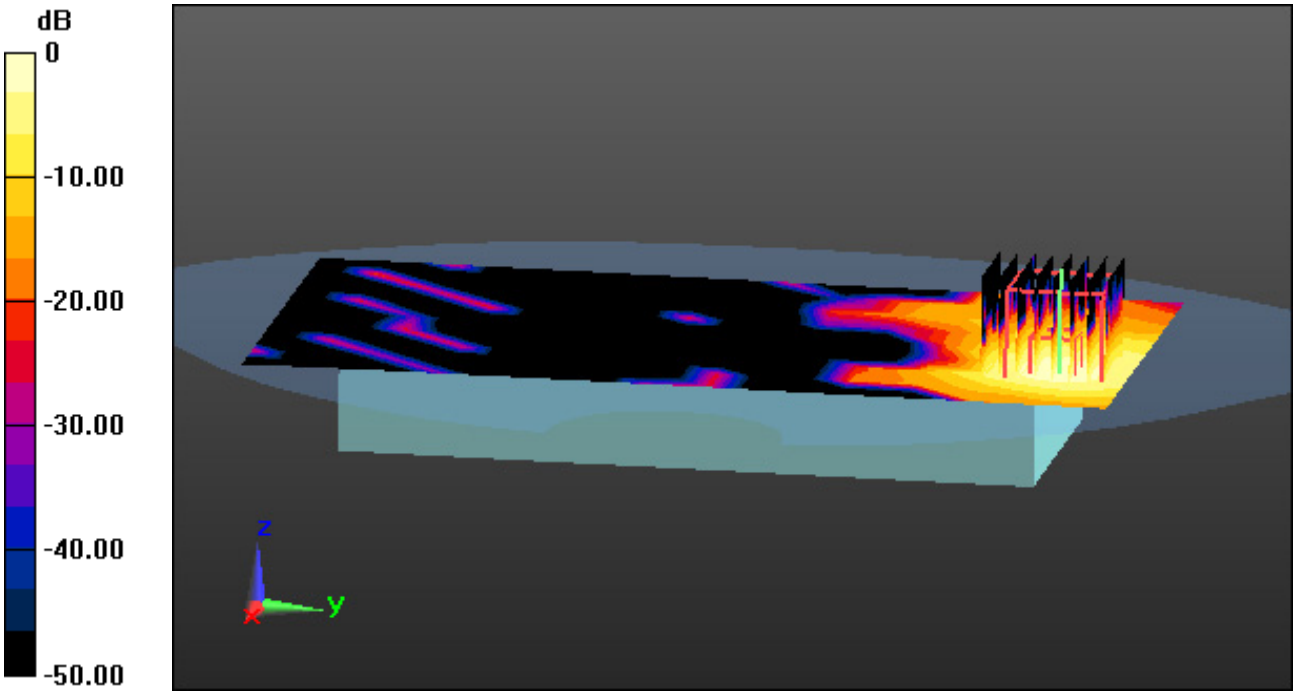
Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5230 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; σ = 4.685 S/m; ε_r = 35.799; ρ = 1000 kg/m^3
Phantom section: Flat Section

aDASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.64, 5.64, 5.64); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from Body, Front, W-LAN(802.11n HT40) Ch. 46, Ant Internal, Ant.2

Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.879 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.091 W/kg



0 dB = 0.536 W/kg

DUT: PM86; Type: Bar

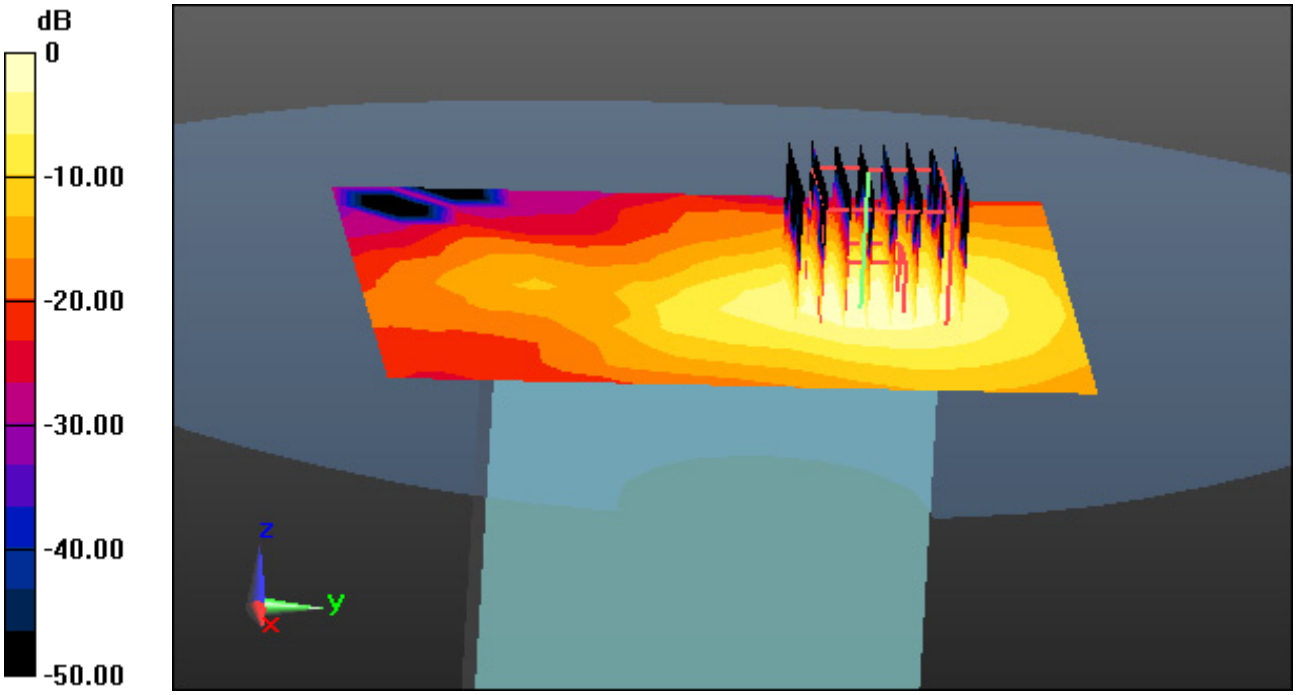
Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5190 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5190 MHz; σ = 4.638 S/m; ε_r = 35.884; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.64, 5.64, 5.64); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-19; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from Body, Top, W-LAN(802.11n HT40) Ch. 38, Ant Internal, MIMO

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.172 W/kg



0 dB = 0.999 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

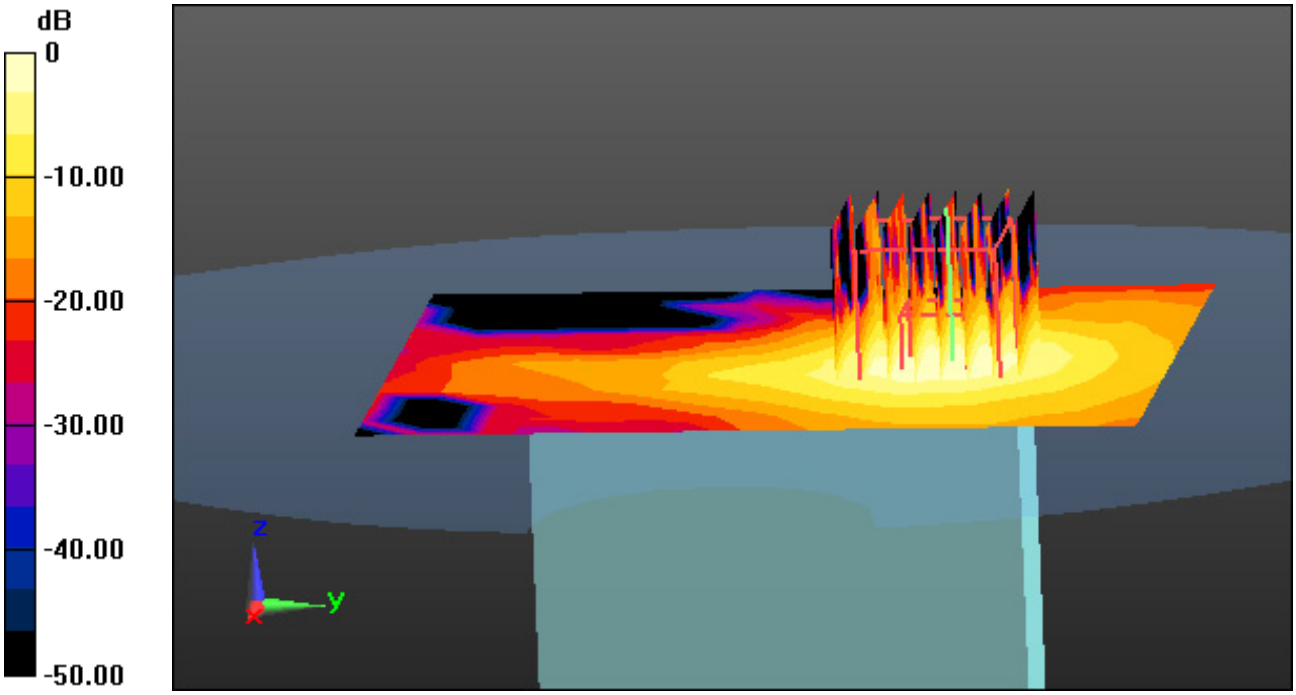
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.228 S/m; ε_r = 35.845; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

1 cm space from Body, Top, W-LAN(802.11a) Ch. 149, Ant Internal, Ant.2

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.156 W/kg



0 dB = 0.980 W/kg

DUT: PM86; Type: Bar

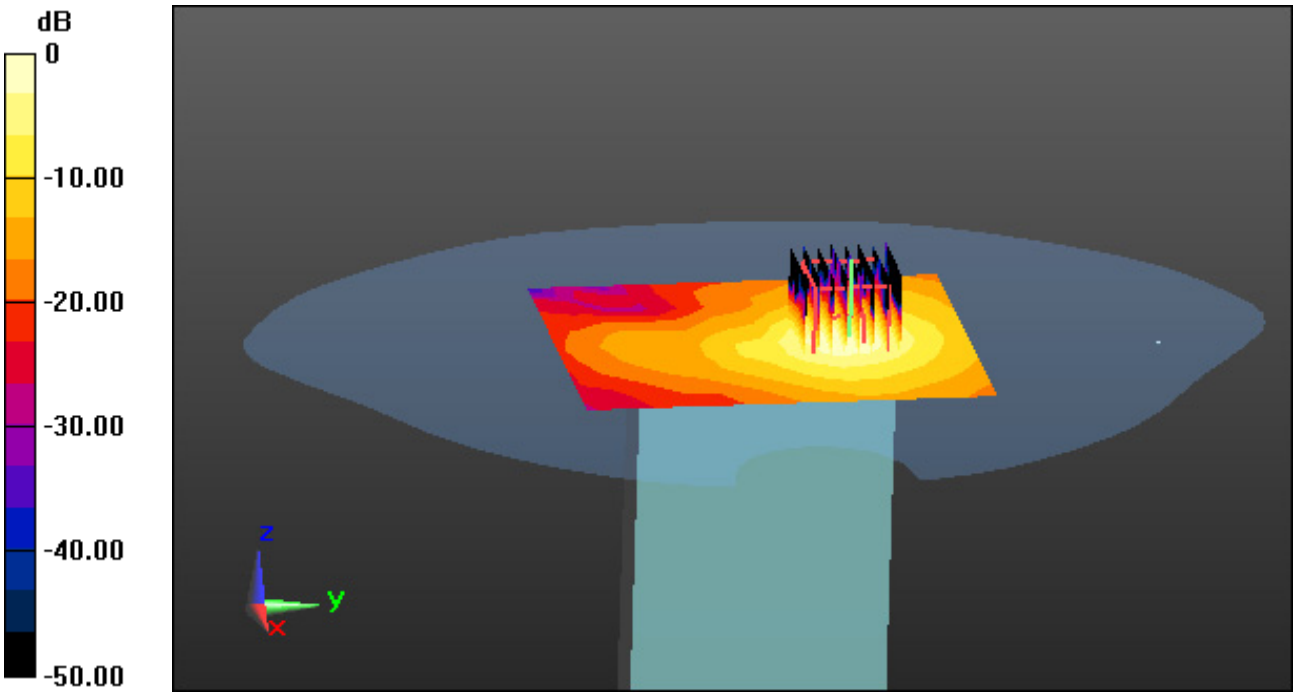
Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.228 S/m; ε_r = 35.845; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-27; Ambient Temp: 21.2; Tissue Temp: 21.1

1 cm space from Body, Top, W-LAN(802.11a) Ch. 149, Ant Internal, MIMO

Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.366 W/kg



0 dB = 2.31 W/kg

DUT: PM86; Type: Bar

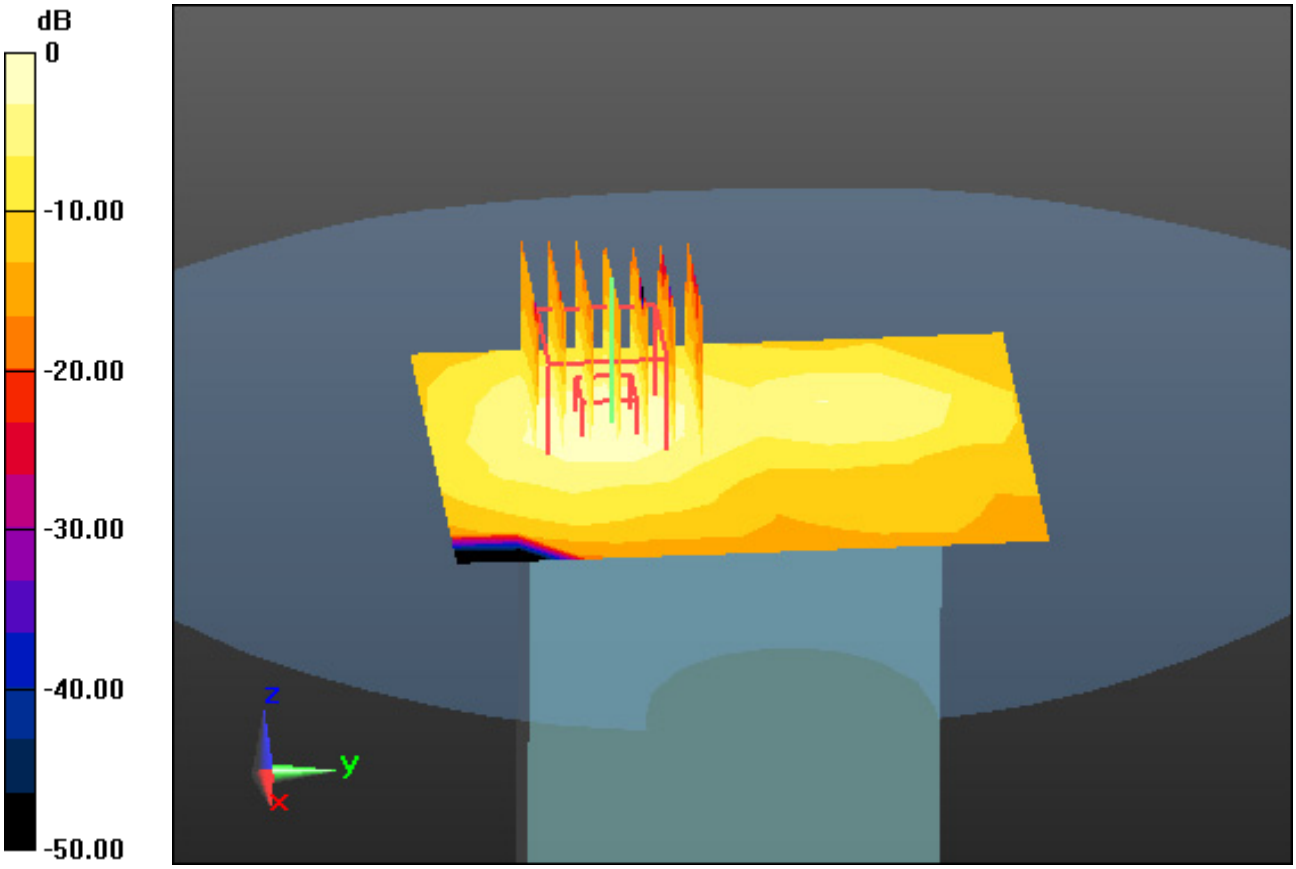
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.846 S/m; ε_r = 39.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

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

Area Scan (8x10x1): 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) = 0.0330 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.007 W/kg



0 dB = 0.0199 W/kg

DUT: PM86; Type: Bar

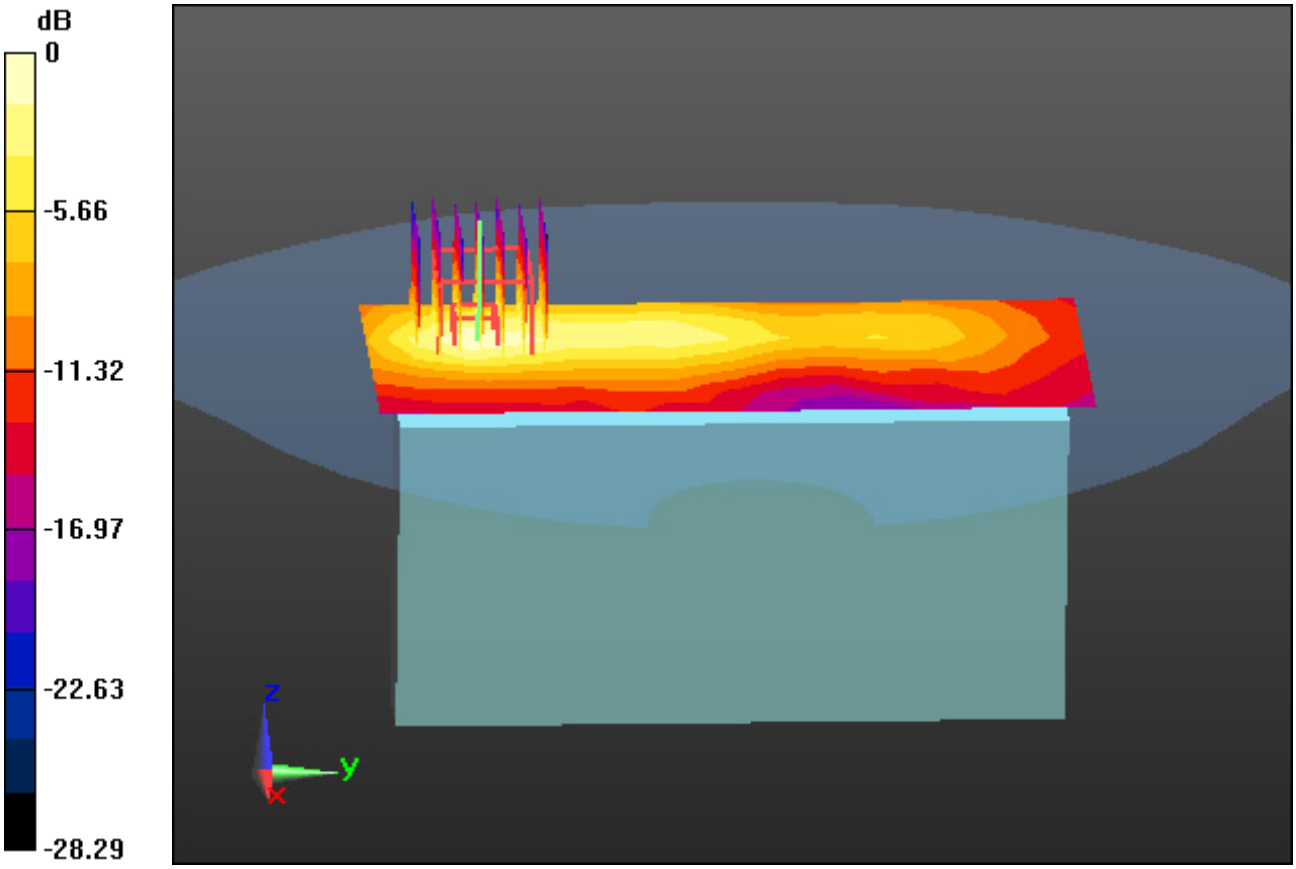
Communication System: UID 0, LE (0); Frequency: 2440 MHz;Duty Cycle: 1:1.178
Medium parameters used: f = 2440 MHz; σ = 1.845 S/m; ε_r = 39.177; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

1 cm space from Body, Right, Bluetooth LE 1 Mbps Ch. 19, Ant Internal

Area Scan (7x15x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.0524 W/kg

Dt&C Co., Ltd.

DUT: PM86; Type: Bar

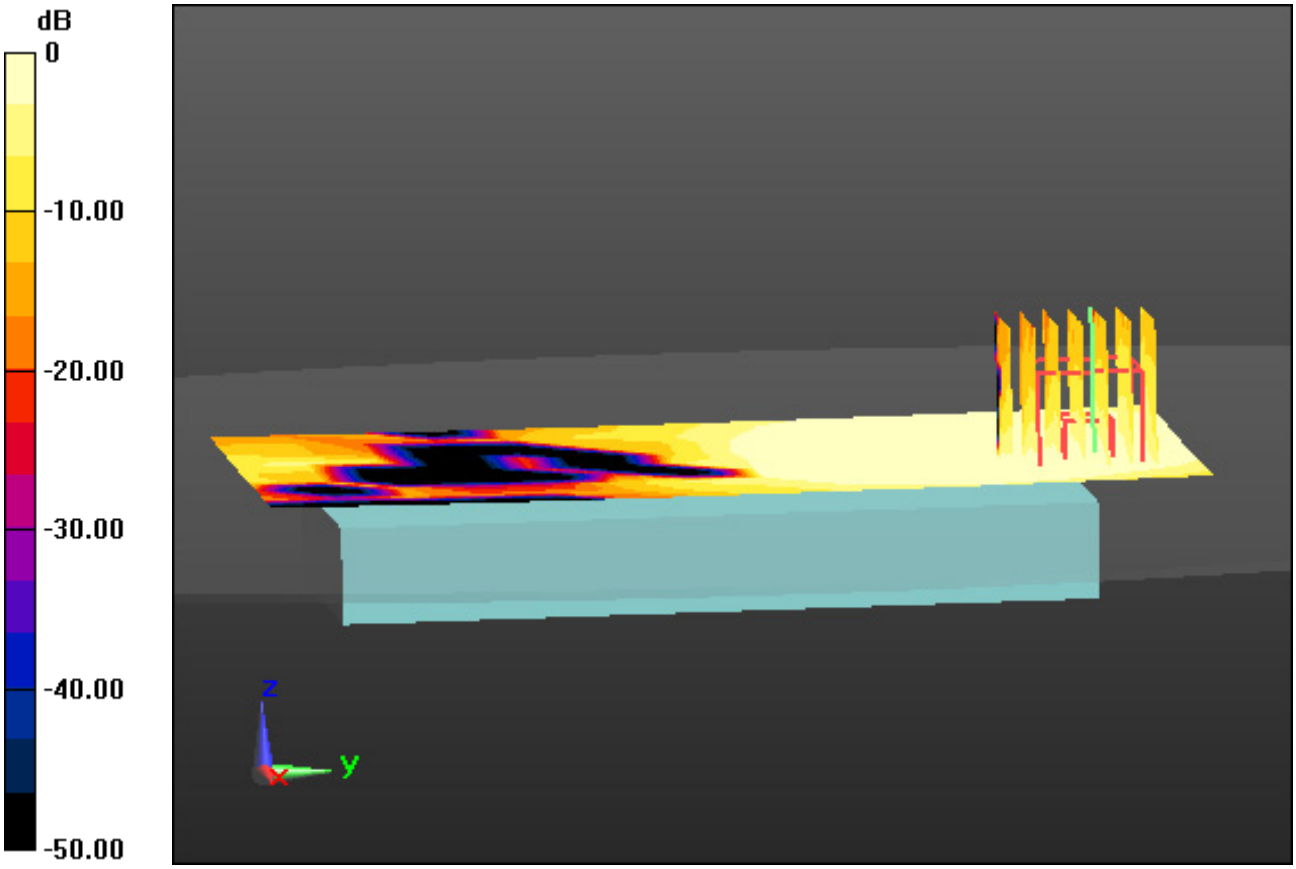
Communication System: UID 0, NFC (0); Frequency: 13.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 13.6 MHz; σ = 0.73 S/m; ε_r = 54.441; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(17.86, 17.86, 17.86); Calibrated: 3/22/2023 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0_Left_20170922; Type: QDOVA003AA; Serial: 2039
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-26; Ambient Temp: 21.4; Tissue Temp: 21.3

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

Area Scan (13x18x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.028 W/kg



0 dB = 0.141 W/kg