SAR Plots

- Verification Plots
- SAR Test Plots

Dt&C Co., Ltd.

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

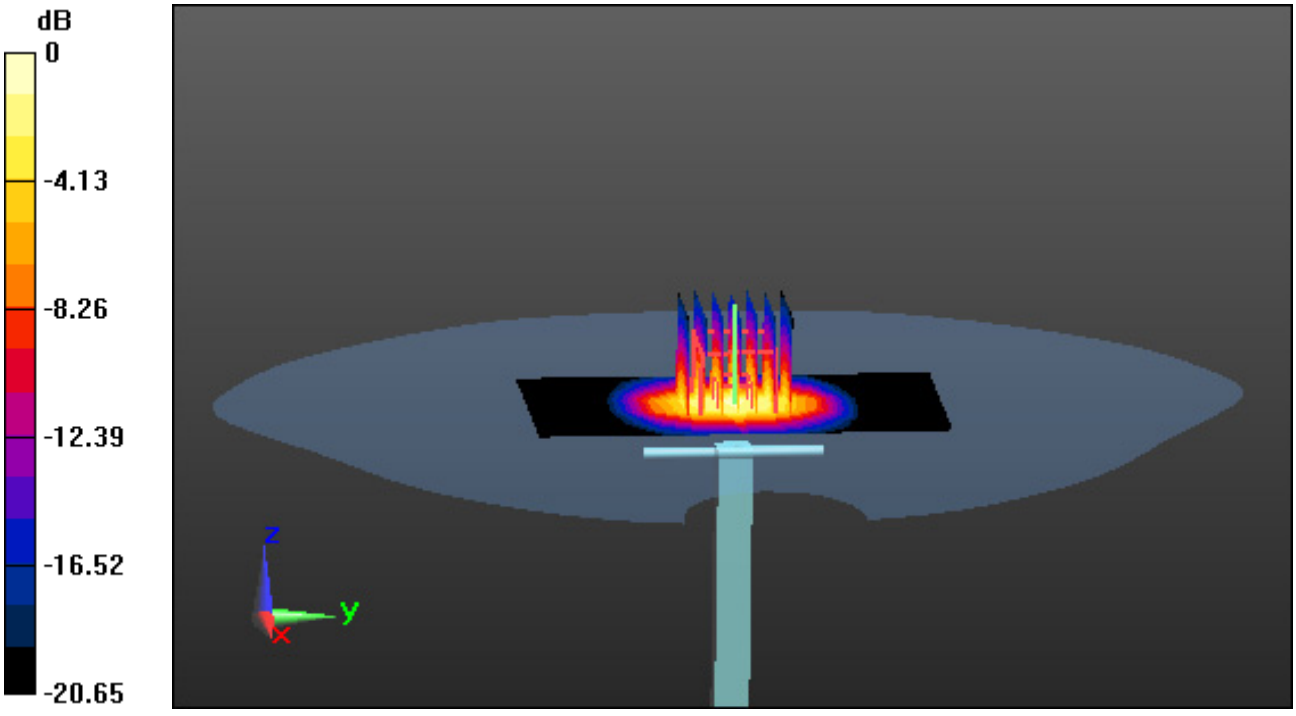
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.76 S/m; ε_r = 38.134; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-21; Ambient Temp: 20.4; Tissue Temp: 20.3

2 450 MHz System Verification (100 mW)

Area Scan (6x11x1): 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) = 11.2 W/kg
SAR(1 g) = 5.46 W/kg; SAR(10 g) = 2.61 W/kg



0 dB = 6.12 W/kg

Dt&C Co., Ltd.

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

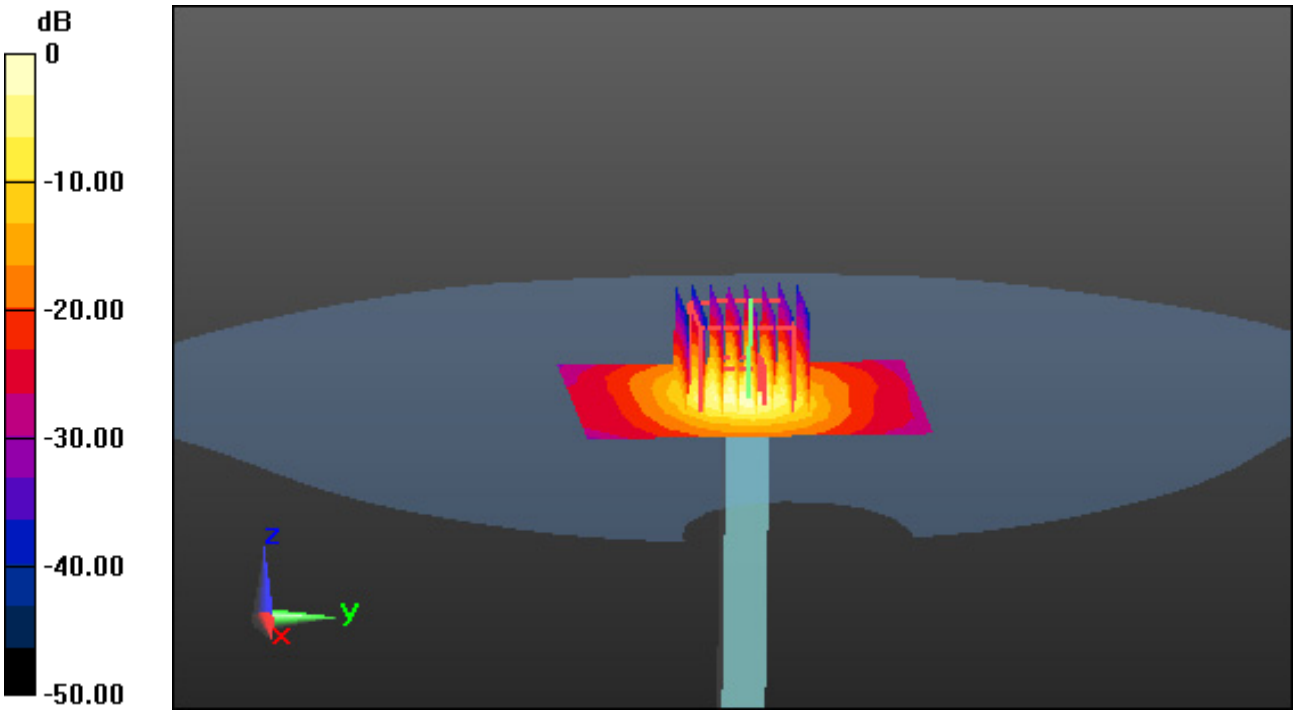
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.906 S/m; ε_r = 35.025; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.42, 5.42, 5.42); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-23; Ambient Temp: 20.5; Tissue Temp: 20.4

5 300 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 = 0.07 dB
Peak SAR (extrapolated) = 30.0 W/kg
SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.34 W/kg



0 dB = 19.1 W/kg

Dt&C Co., Ltd.

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

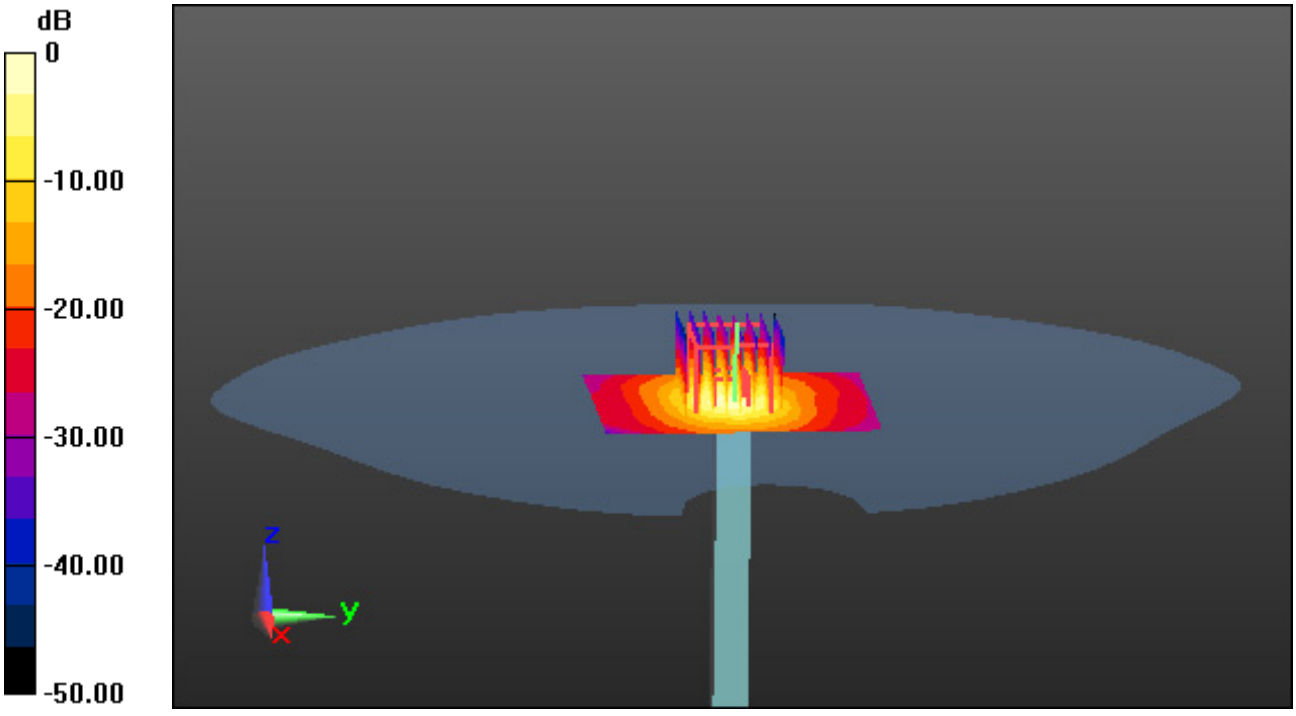
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.241 S/m; ε_r = 36.634; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-24; Ambient Temp: 20.4; Tissue Temp: 20.3

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 = 0.01 dB
Peak SAR (extrapolated) = 30.7 W/kg
SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.39 W/kg



0 dB = 19.4 W/kg

Dt&C Co., Ltd.

DUT: EB1207; Type: Bar

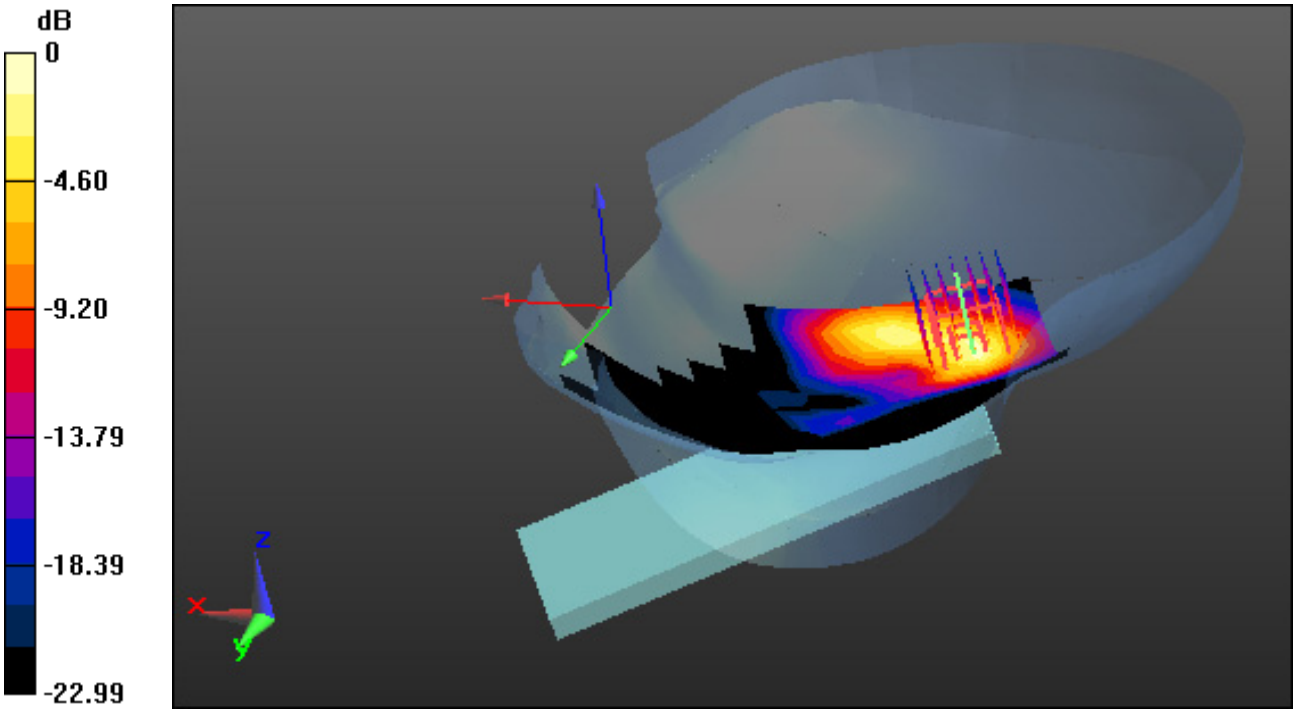
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.749 S/m; ε_r = 38.142; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-21; Ambient Temp: 20.4; Tissue Temp: 20.3

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

Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.217 W/kg

Dt&C Co., Ltd.

DUT: EB1207; Type: Bar

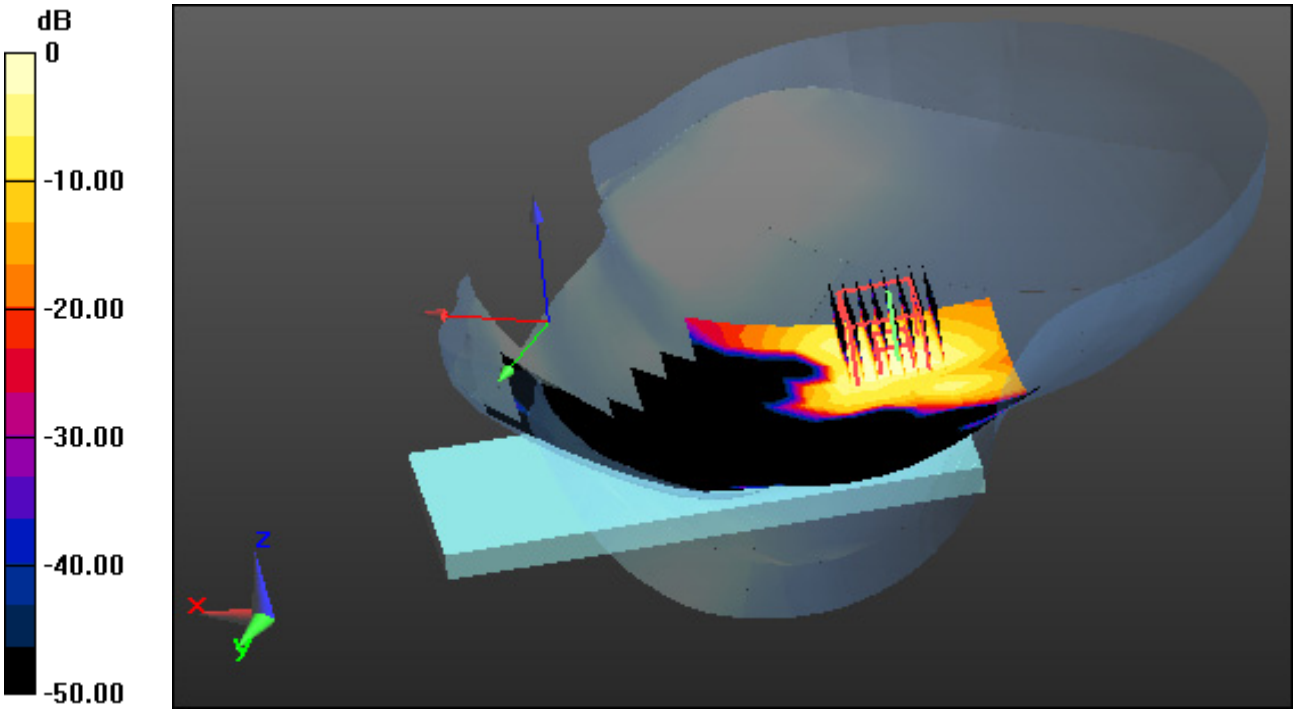
Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.893 S/m; ε_r = 35.054; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.42, 5.42, 5.42); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-23; Ambient Temp: 20.5; Tissue Temp: 20.4

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

Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Graded Ratio: 1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.094 W/kg



0 dB = 0.654 W/kg

Dt&C Co., Ltd.

DUT: EB1207; Type: Bar

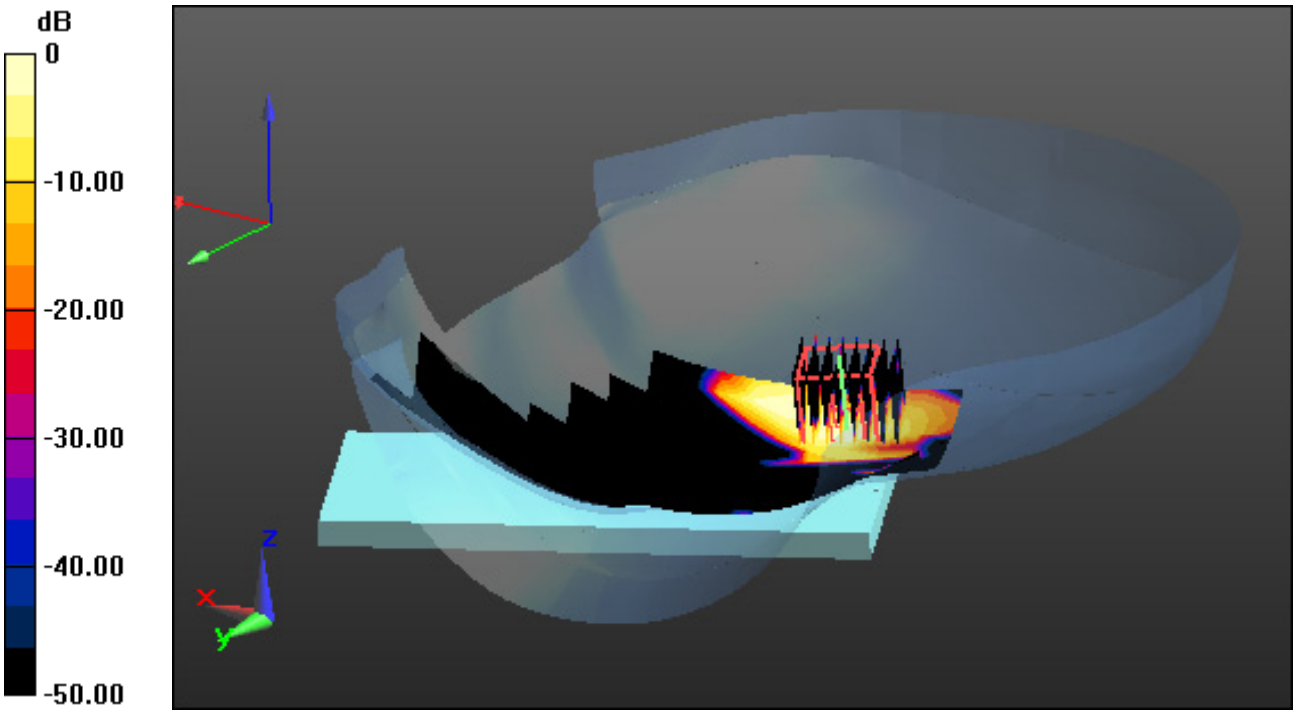
Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5610 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5610 MHz; σ = 5.251 S/m; ε_r = 36.628; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-24; Ambient Temp: 20.4; Tissue Temp: 20.3

Right Touch, WLAN(802.11ac VHT80) Ch. 122, Ant Internal, Standard Battery

Area Scan (13x19x1): 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) = 1.19 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.066 W/kg



0 dB = 0.336 W/kg

Dt&C Co., Ltd.

DUT: EB1207; Type: Bar

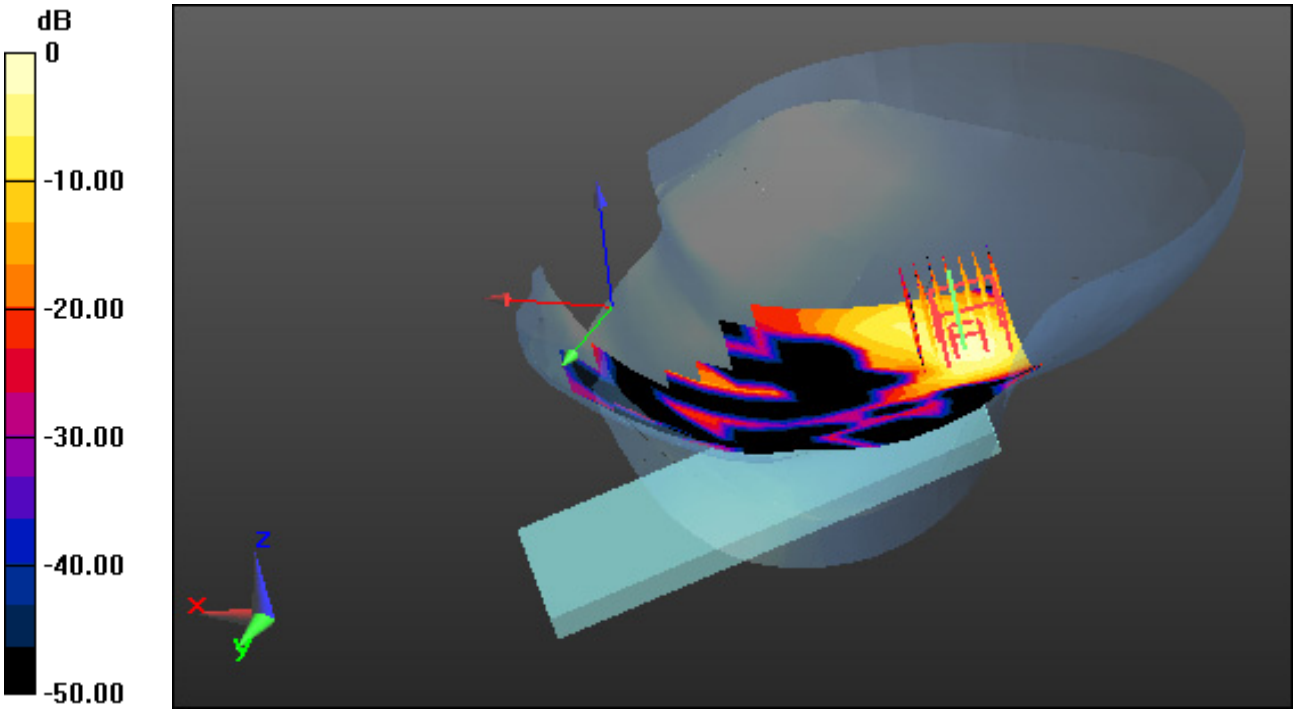
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.752 S/m; ε_r = 38.139; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72; Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-21; Ambient Temp: 20.4; Tissue Temp: 20.3

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

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) = 0.0960 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.0709 W/kg

Dt&C Co., Ltd.

DUT: EB1207; Type: Bar

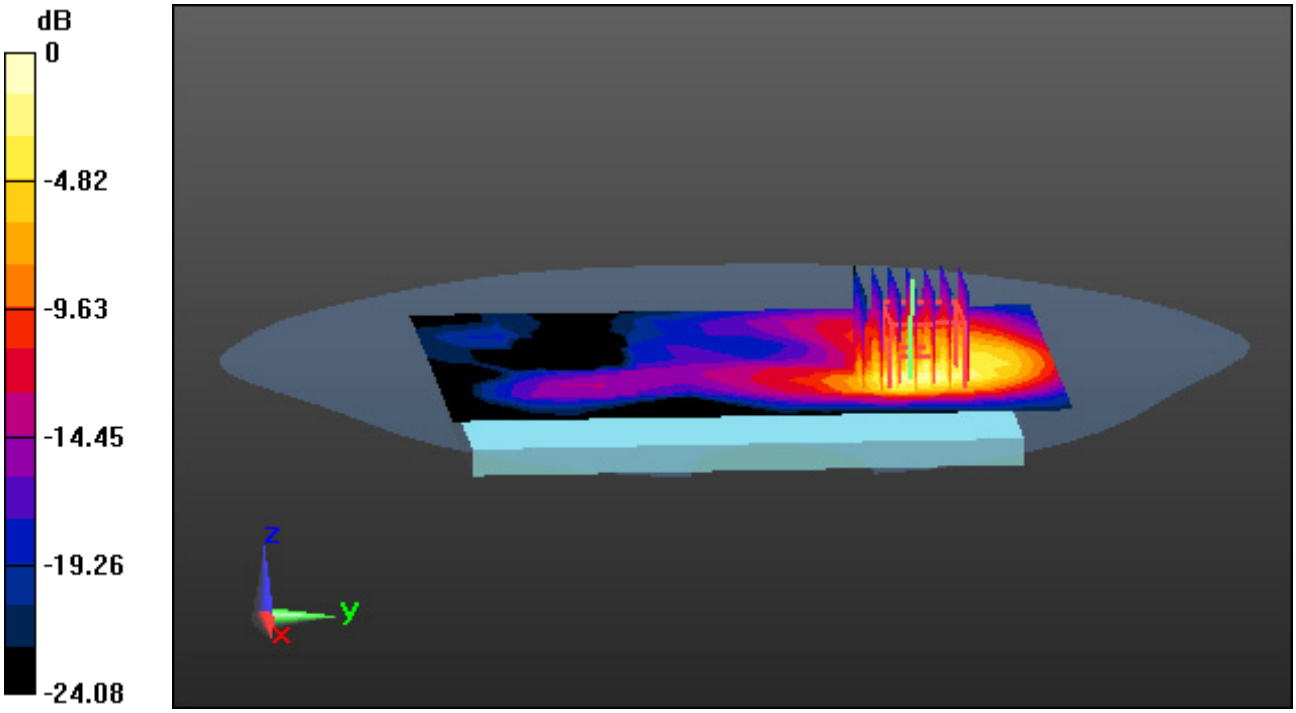
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.749 S/m; ε_r = 38.142; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-21; Ambient Temp: 20.4; Tissue Temp: 20.3

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

Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.288 W/kg

DUT: EB1207; Type: Bar

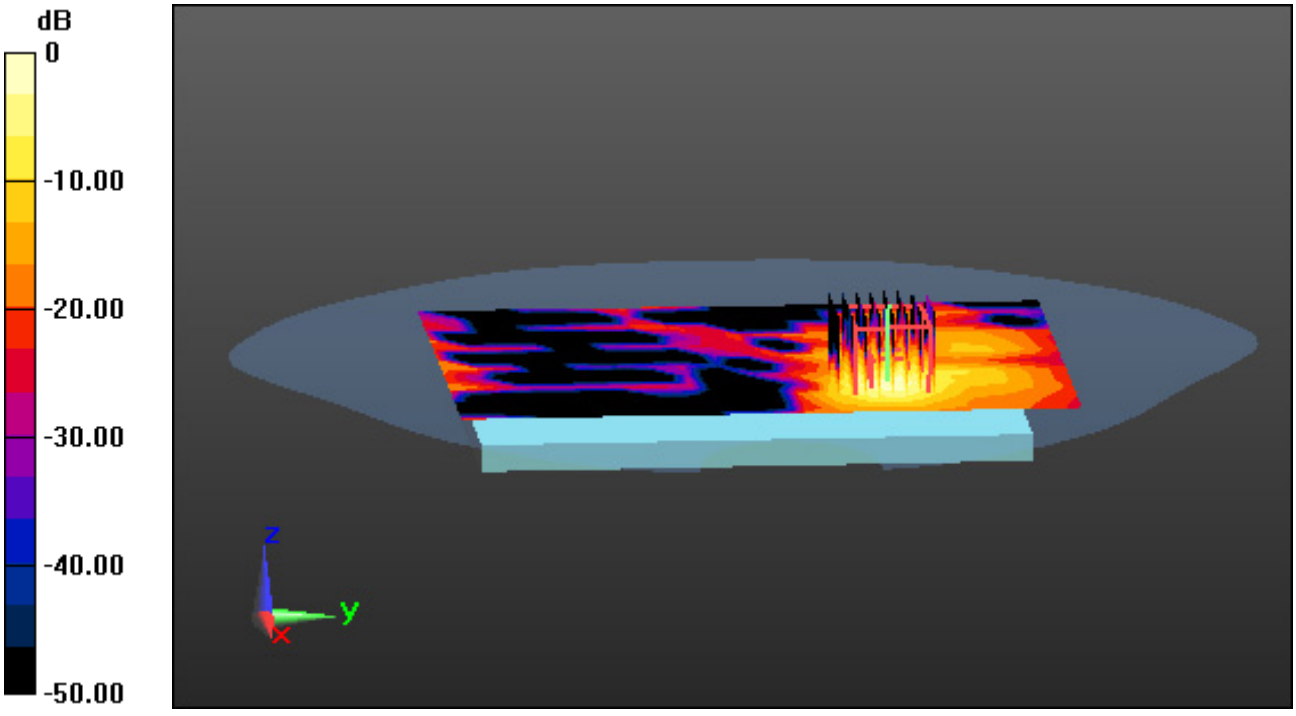
Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.893 S/m; ε_r = 35.054; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.42, 5.42, 5.42); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-23; Ambient Temp: 20.5; Tissue Temp: 20.4

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

Area Scan (8x13x1): 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) = 1.91 W/kg
SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.139 W/kg



0 dB = 0.918 W/kg

DUT: EB1207; Type: Bar

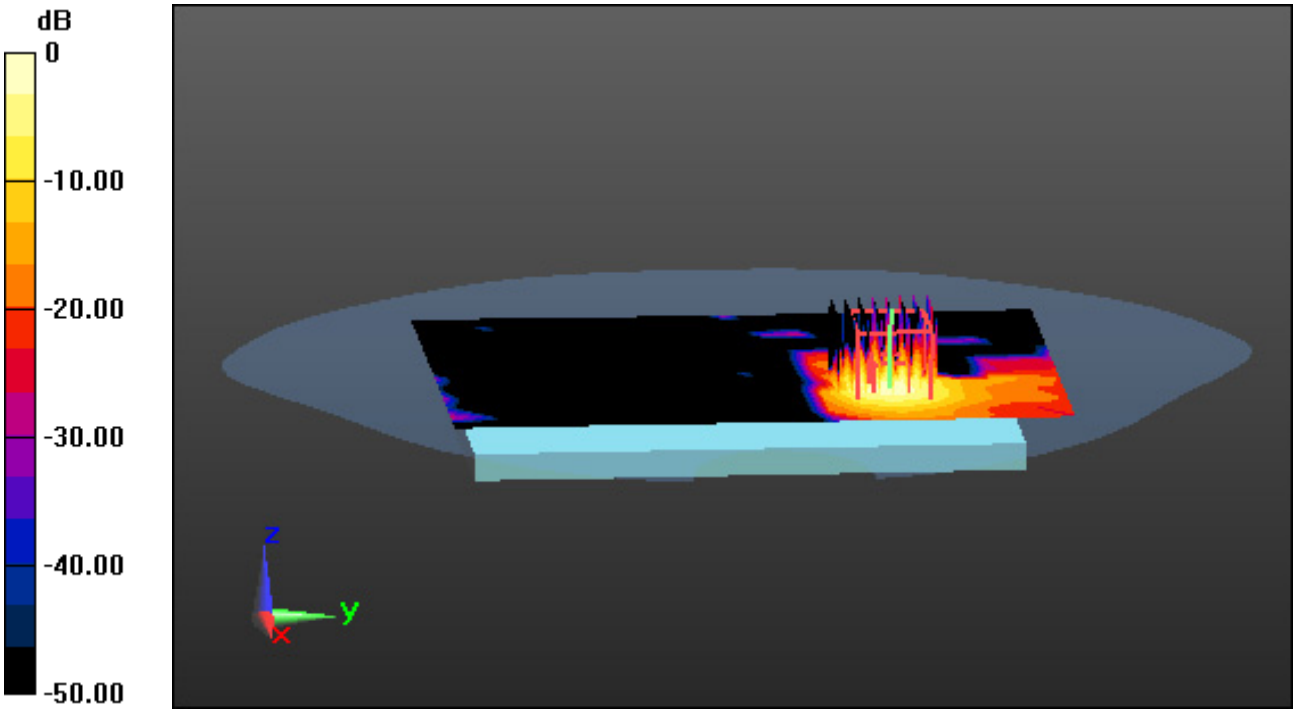
Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5610 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5610 MHz; σ = 5.251 S/m; ε_r = 36.628; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-24; Ambient Temp: 20.4; Tissue Temp: 20.3

1 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 122, Ant Internal

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 = 0.13 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.115 W/kg



0 dB = 0.937 W/kg

DUT: EB1207; Type: Bar

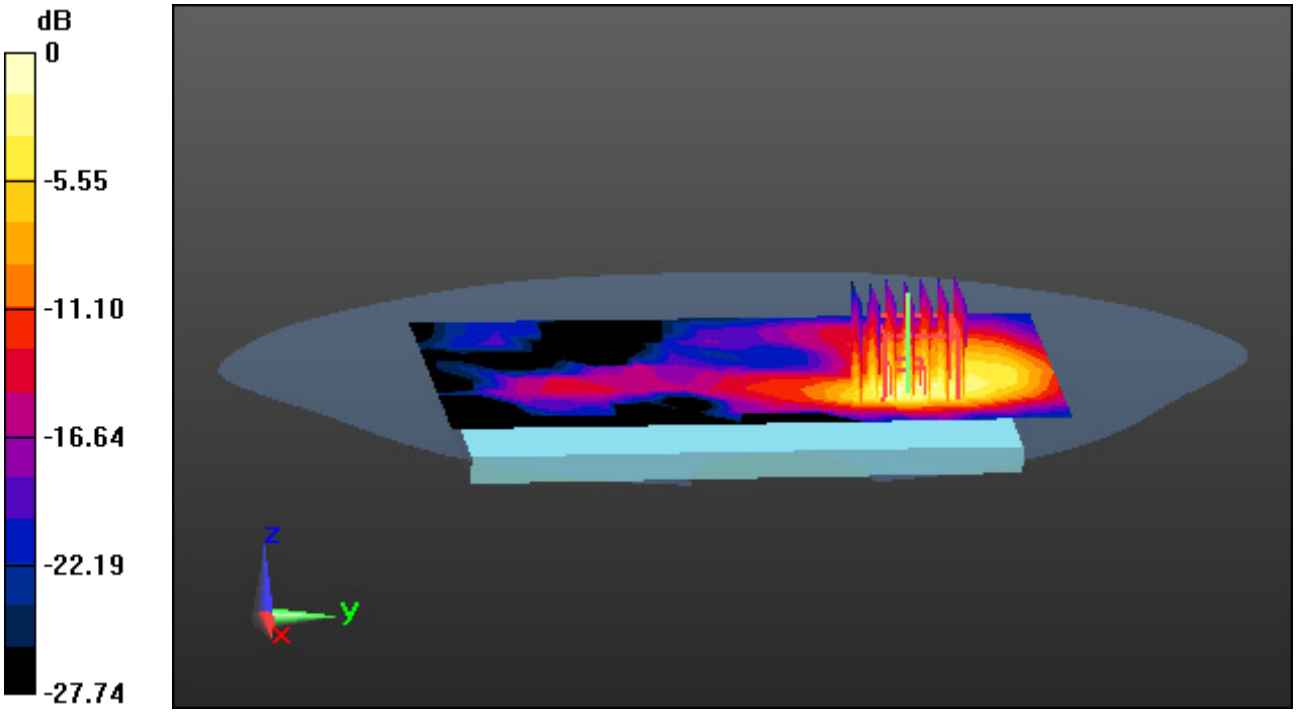
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.752 S/m; ε_r = 38.139; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-21; Ambient Temp: 20.4; Tissue Temp: 20.3

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

Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.0934 W/kg

DUT: EB1207; Type: Bar

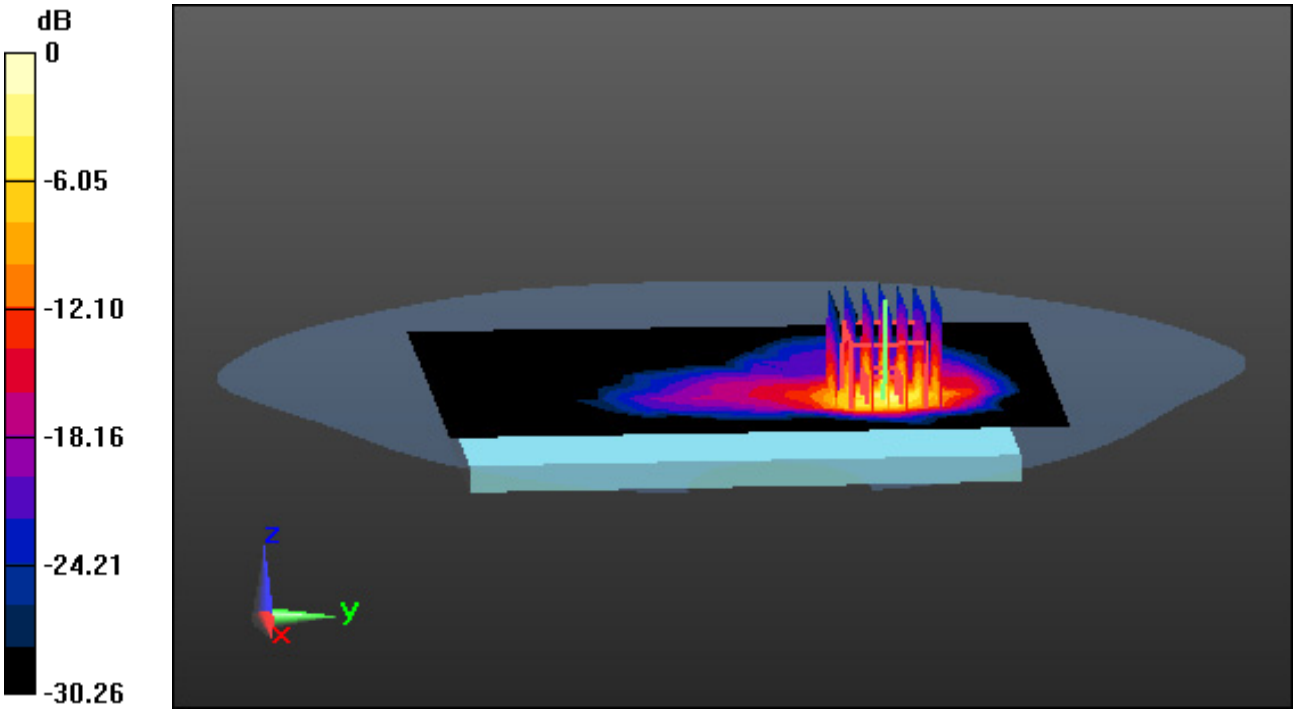
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.749 S/m; ε_r = 38.142; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-21; Ambient Temp: 20.4; Tissue Temp: 20.3

Touch from Body, Rear, WLAN(802.11b) Ch. 6, Ant Internal

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) = 2.38 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.256 W/kg



0 dB = 1.53 W/kg

DUT: EB1207; Type: Bar

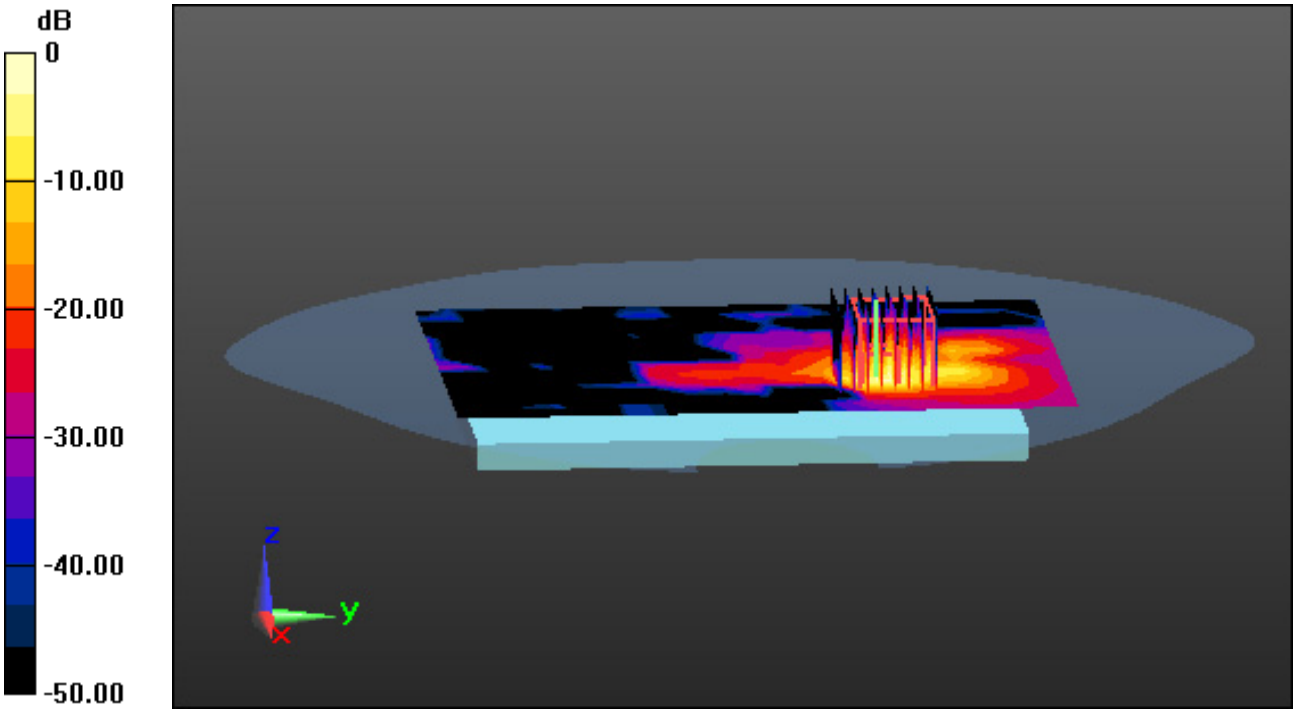
Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.893 S/m; ε_r = 35.054; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.42, 5.42, 5.42); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-23; Ambient Temp: 20.5; Tissue Temp: 20.4

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

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 = -0.09 dB
Peak SAR (extrapolated) = 20.3 W/kg
SAR(1 g) = 3.55 W/kg; SAR(10 g) = 0.747 W/kg



0 dB = 10.2 W/kg

DUT: EB1207; Type: Bar

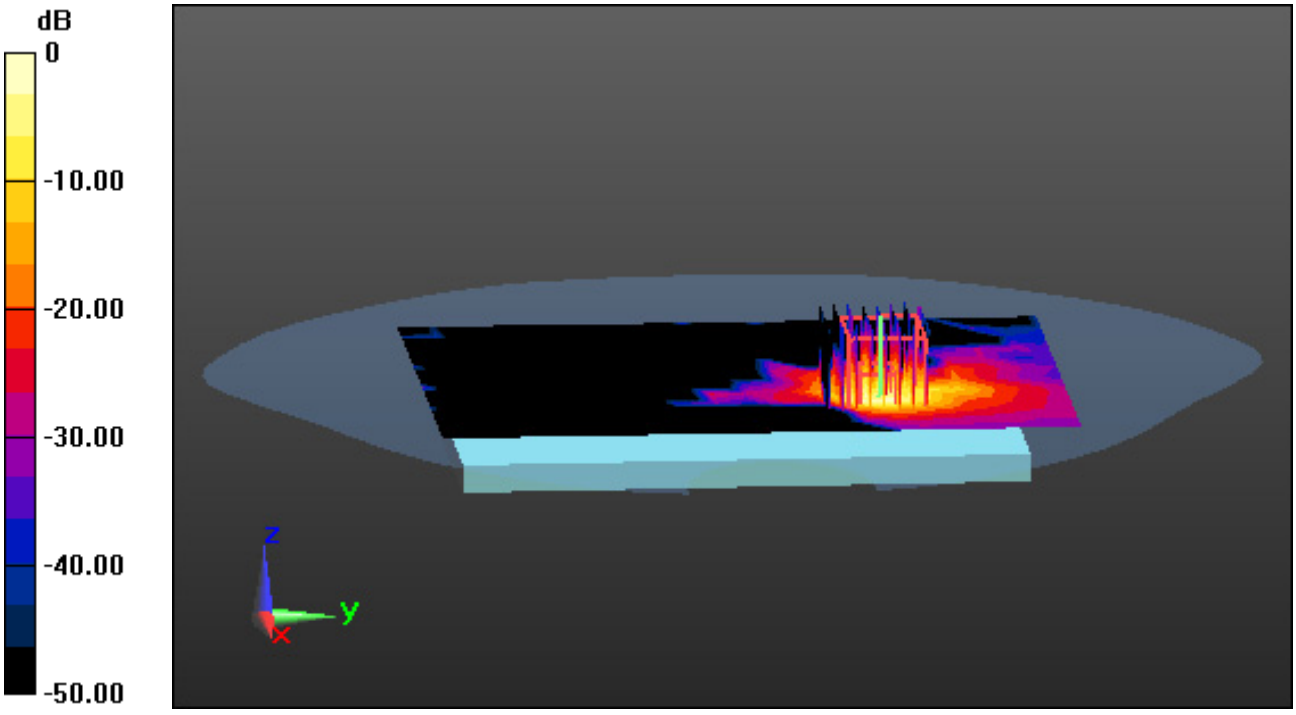
Communication System: UID 0, 00_W-LAN 5G (0); Frequency: 5610 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5610 MHz; σ = 5.251 S/m; ε_r = 36.628; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(4.75, 4.75, 4.75); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-24; Ambient Temp: 20.4; Tissue Temp: 20.3

Touch from Body, Rear, WLAN(802.11ac VHT80) Ch. 122, Ant Internal

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 = -0.01 dB
Peak SAR (extrapolated) = 18.8 W/kg
SAR(1 g) = 3.07 W/kg; SAR(10 g) = 0.648 W/kg



0 dB = 9.00 W/kg

DUT: EB1207; Type: Bar

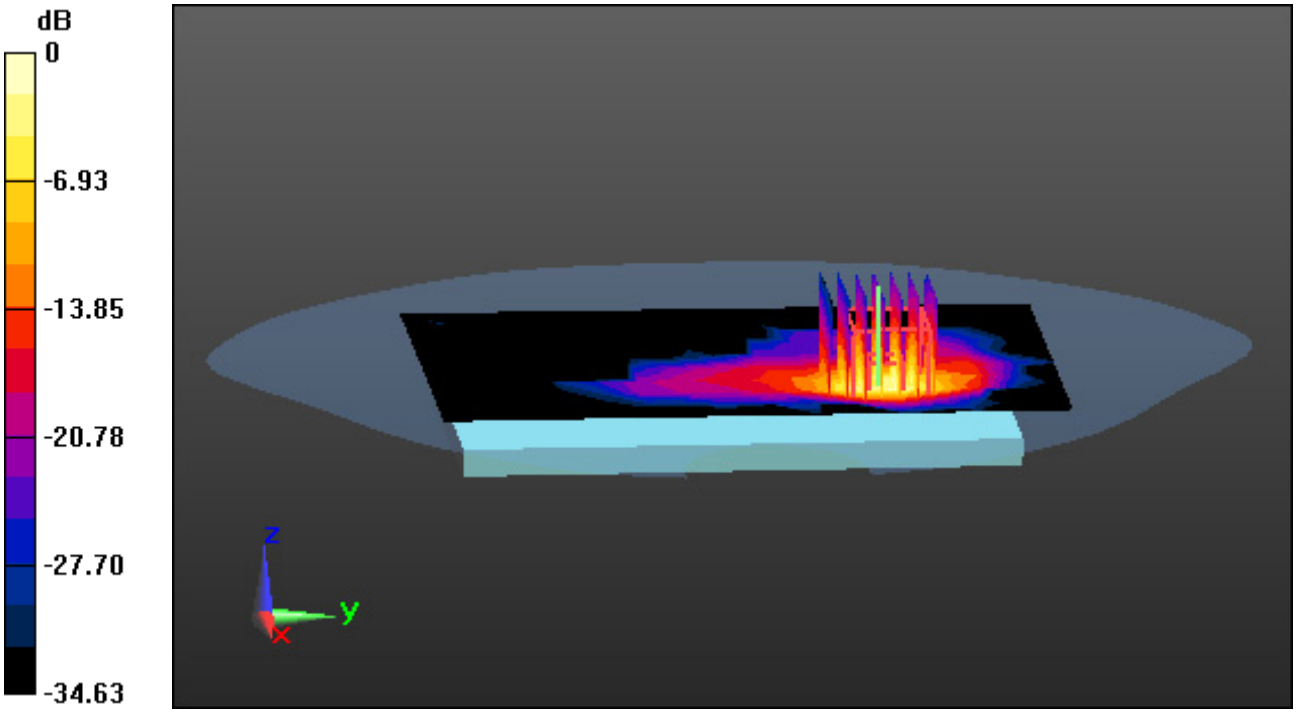
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.752 S/m; ε_r = 38.139; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-05-21; Ambient Temp: 20.4; Tissue Temp: 20.3

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

Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.131 W/kg



0 dB = 0.743 W/kg