SAR Plots

- Verification Plots
- SAR Test Plots

Copyright © 2023, Dt&C Co., Ltd.

Dt&C Co., Ltd.

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

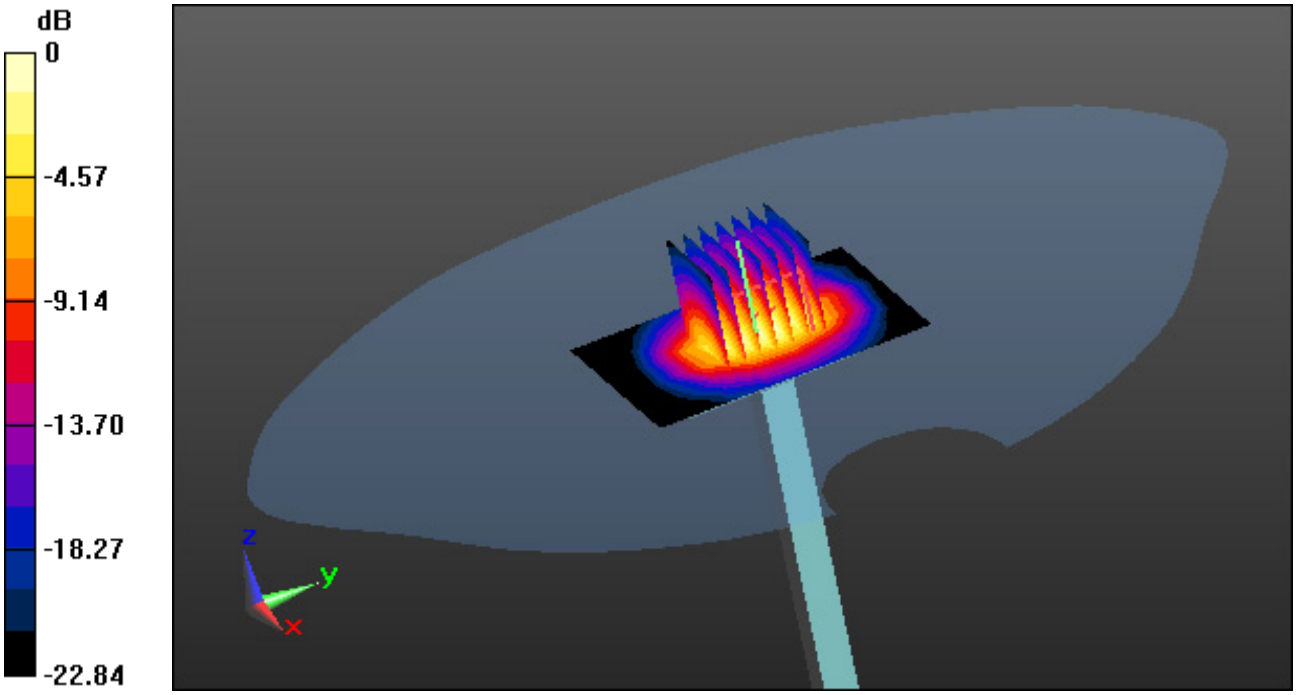
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.774 S/m; ε_r = 38.174; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71); Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

2 450 MHz System Verification (100 mW)

Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 10.98 W/kg
SAR(1 g) = 5.21 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 8.02 W/kg

Dt&C Co., Ltd.

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

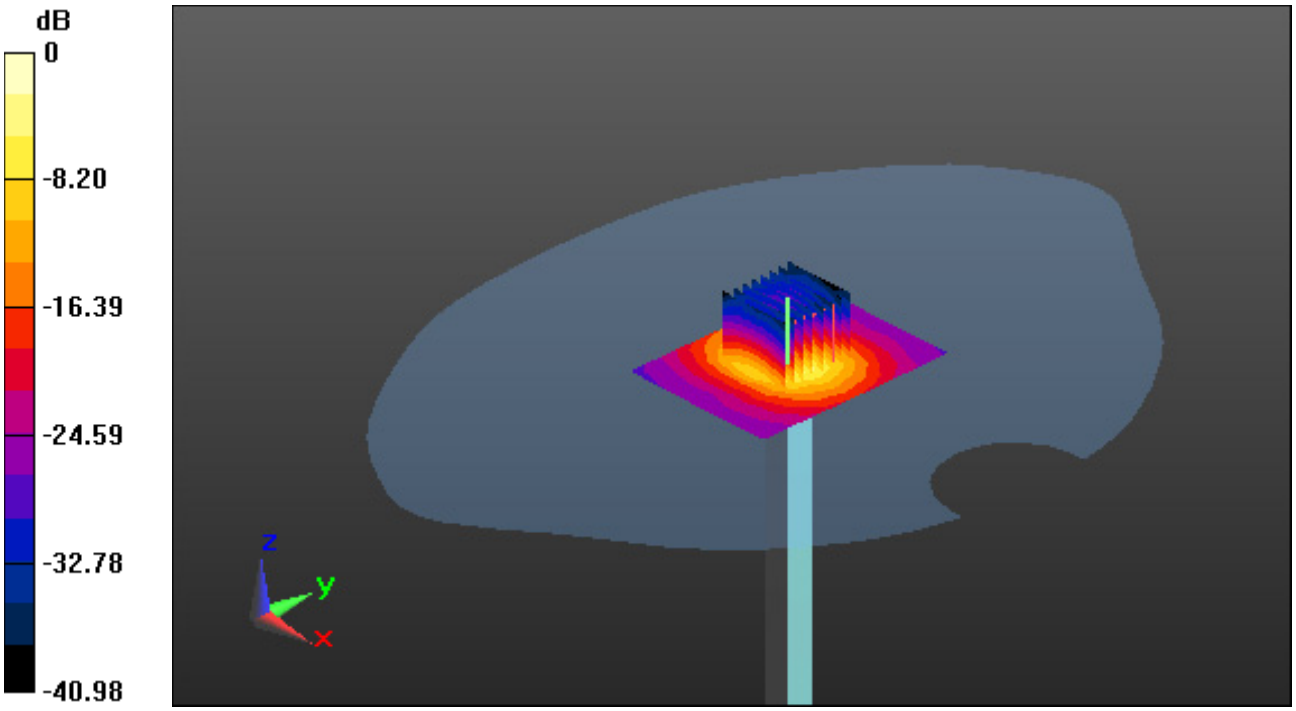
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.755 S/m; ε_r = 35.886; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.87, 5.87, 5.87) @ 5300 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-27; Ambient Temp: 21.6; Tissue Temp: 21.8

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 = 0.04 dB
Peak SAR (extrapolated) = 30.6 W/kg
SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.27 W/kg



0 dB = 18.2 W/kg

Dt&C Co., Ltd.

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

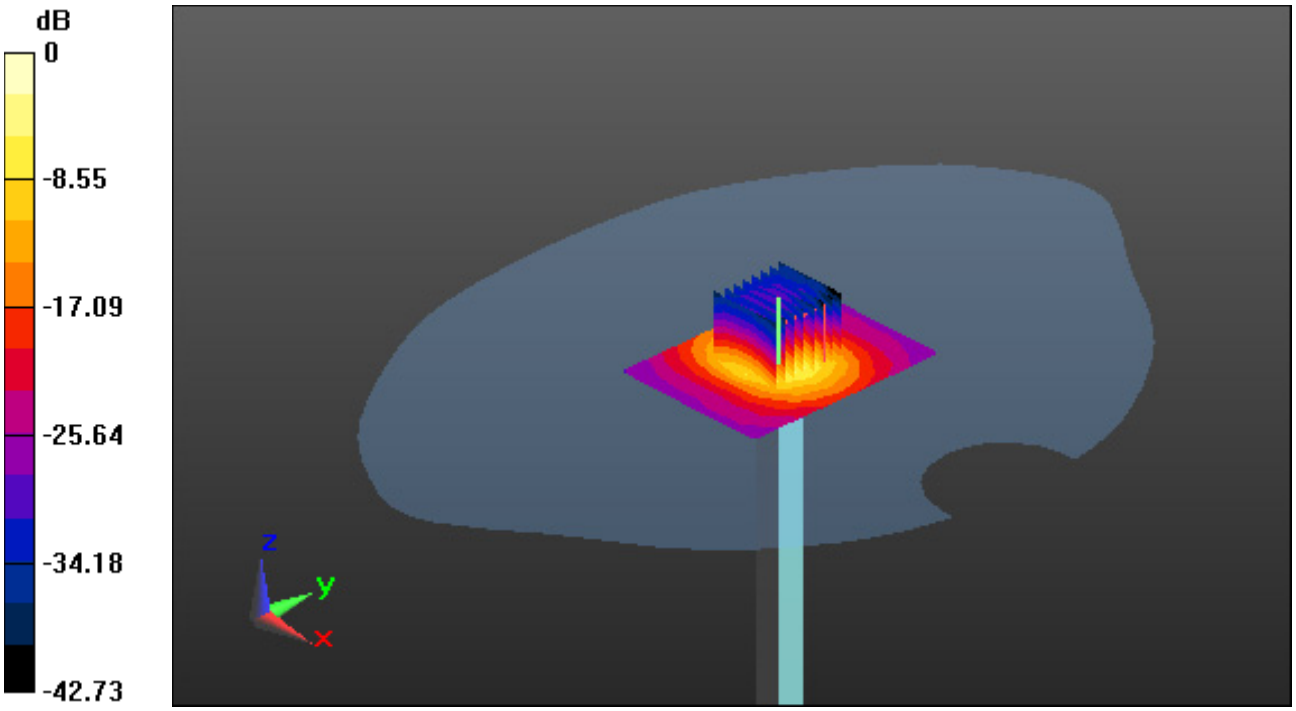
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.932 S/m; ε_r = 35.181; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.17, 5.17, 5.17) @ 5500 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

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 = 0.06 dB
Peak SAR (extrapolated) = 33.1 W/kg
SAR(1 g) = 8.58 W/kg; SAR(10 g) = 2.46 W/kg



0 dB = 20.3 W/kg

Dt&C Co., Ltd.

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

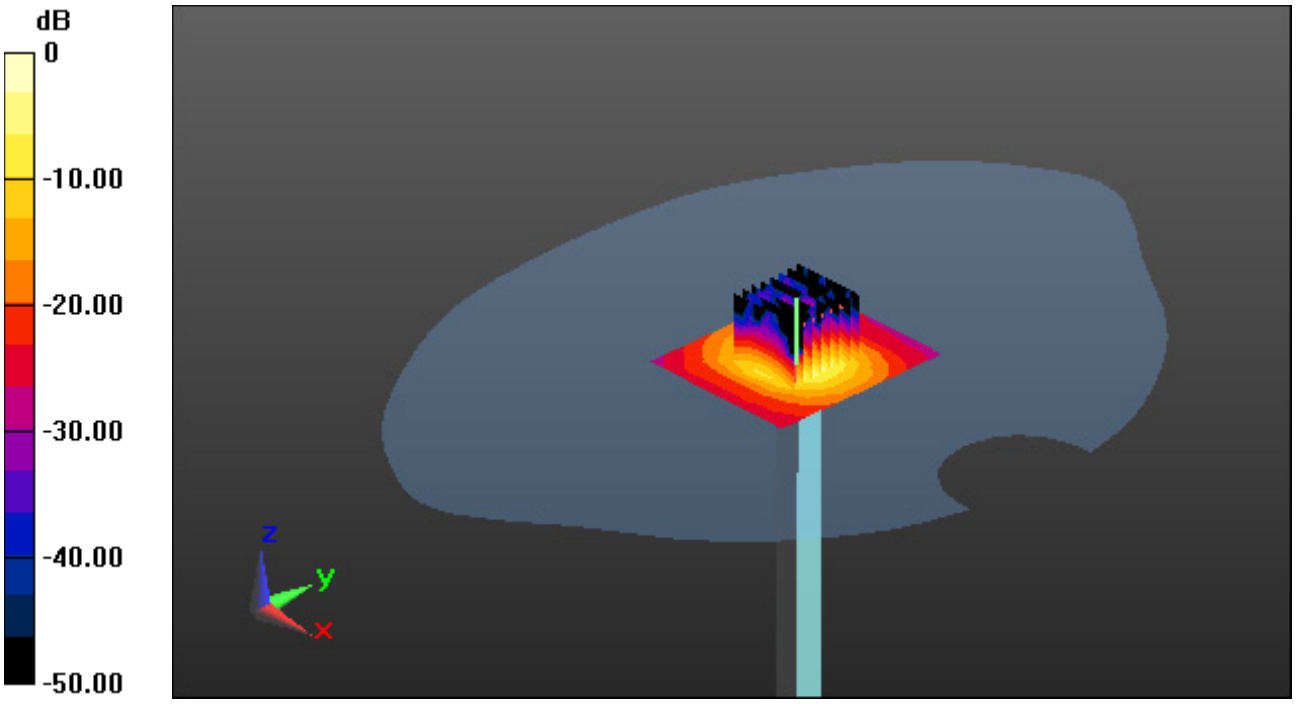
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.052 S/m; ε_r = 34.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.12, 5.12, 5.12) @ 5600 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

5 600 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 = -0.06 dB
Peak SAR (extrapolated) = 32.9 W/kg
SAR(1 g) = 8.51 W/kg; SAR(10 g) = 2.43 W/kg



0 dB = 20.1 W/kg

Dt&C Co., Ltd.

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

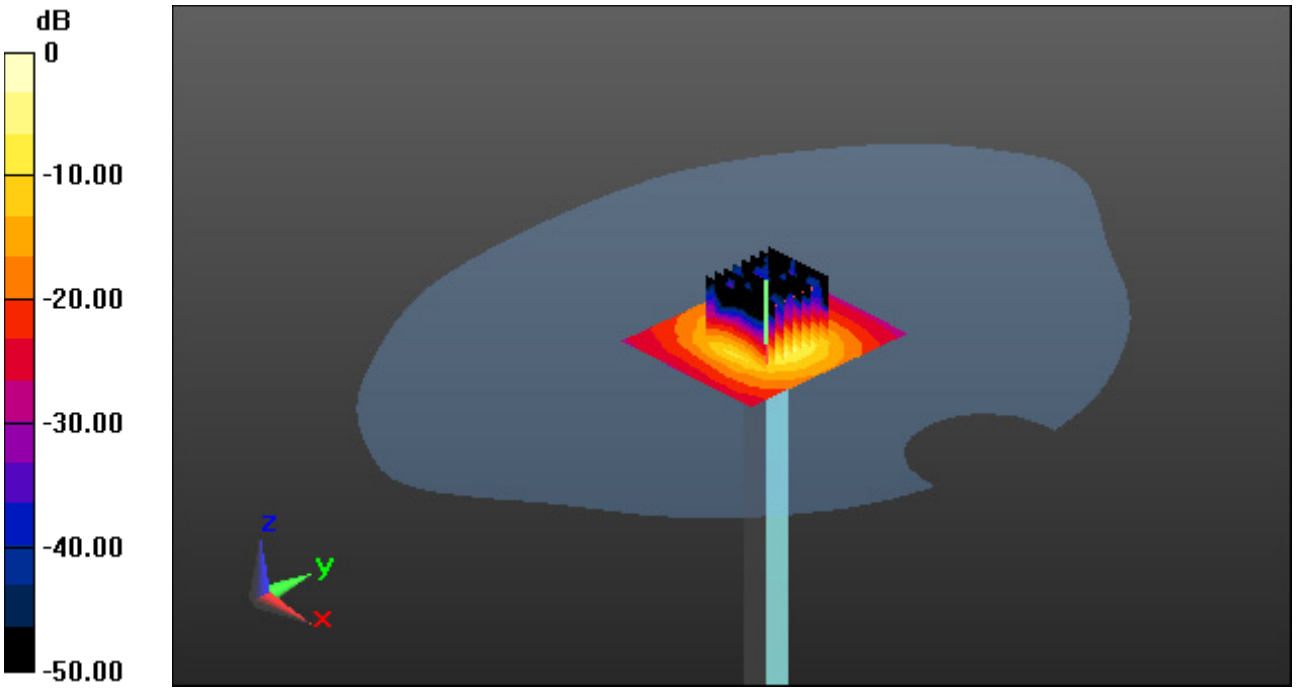
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.267 S/m; ε_r = 34.648; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.33, 5.33, 5.33) @ 5800 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

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 = -0.02 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.34 W/kg



0 dB = 18.7 W/kg

Dt&C Co., Ltd.

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

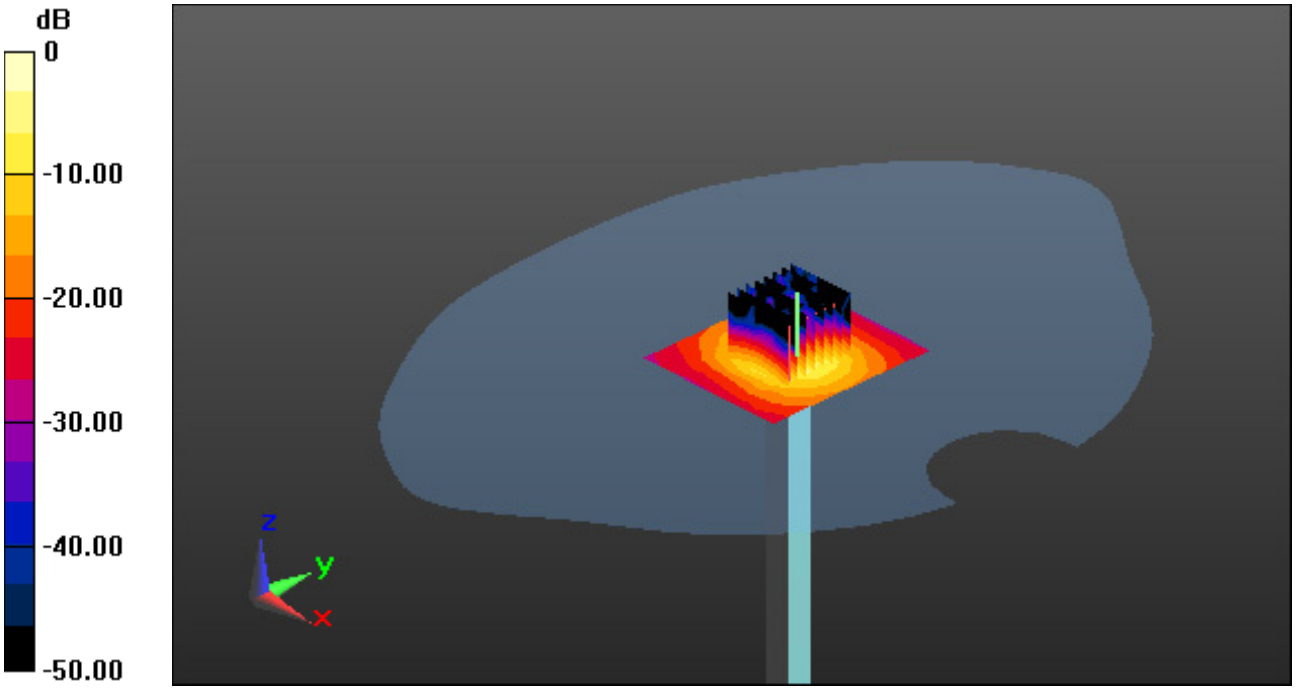
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.274 S/m; ε_r = 34.676; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.33, 5.33, 5.33) @ 5800 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-29; Ambient Temp: 21.7; Tissue Temp: 22.0

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 = -0.17 dB
Peak SAR (extrapolated) = 30.9 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.29 W/kg



0 dB = 18.4 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

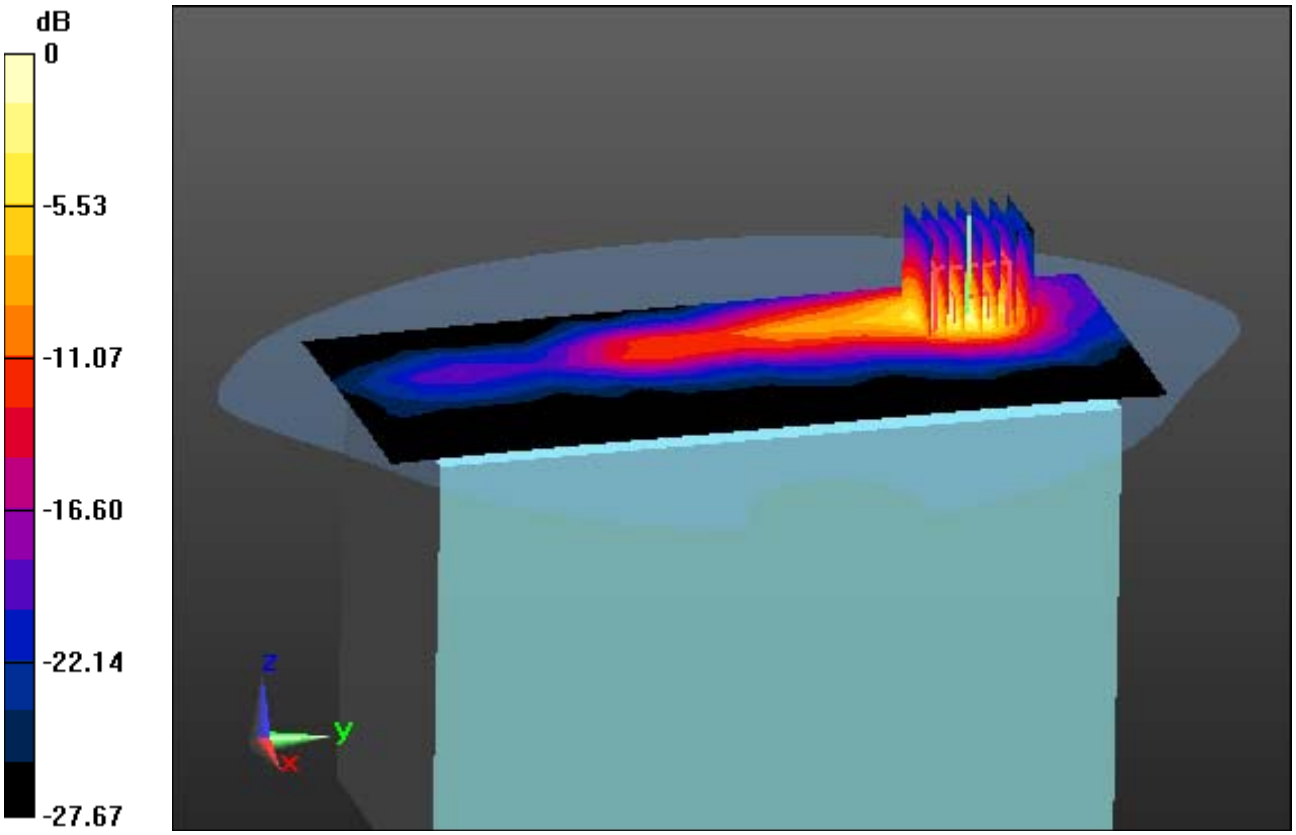
Communication System: UID 0, 1. W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.79 S/m; ε_r = 38.139; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71) @ 2462 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Right, WLAN(802.11b) Ch. 11 Ant Internal, Ant.1

Area Scan (9x20x1): 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) = 1.14 W/kg
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.168 W/kg



0 dB = 0.758 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

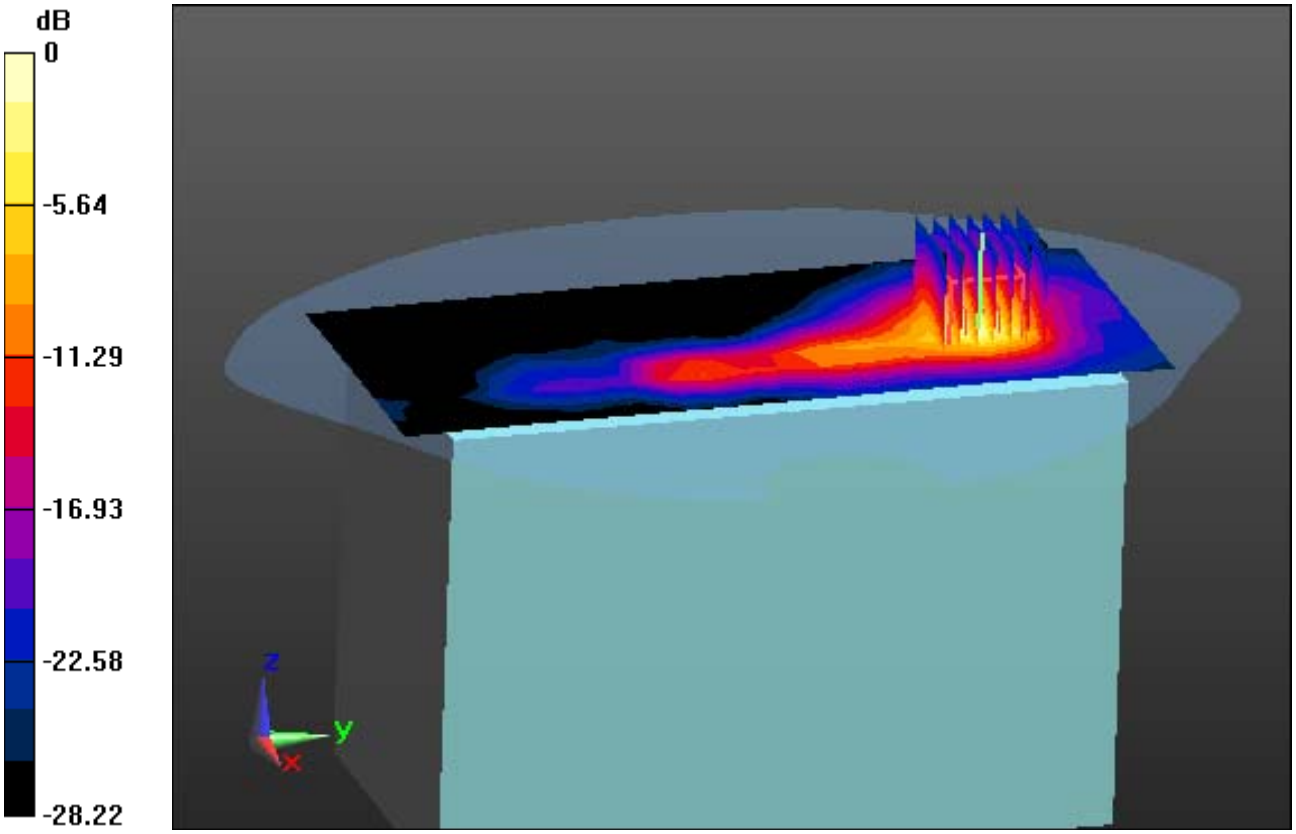
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.79 S/m; ε_r = 38.139; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71) @ 2462 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Left, WLAN(802.11b) Ch. 11 Ant Internal, Ant.2

Area Scan (9x20x1): 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) = 1.60 W/kg
SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.231 W/kg



0 dB = 1.07 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

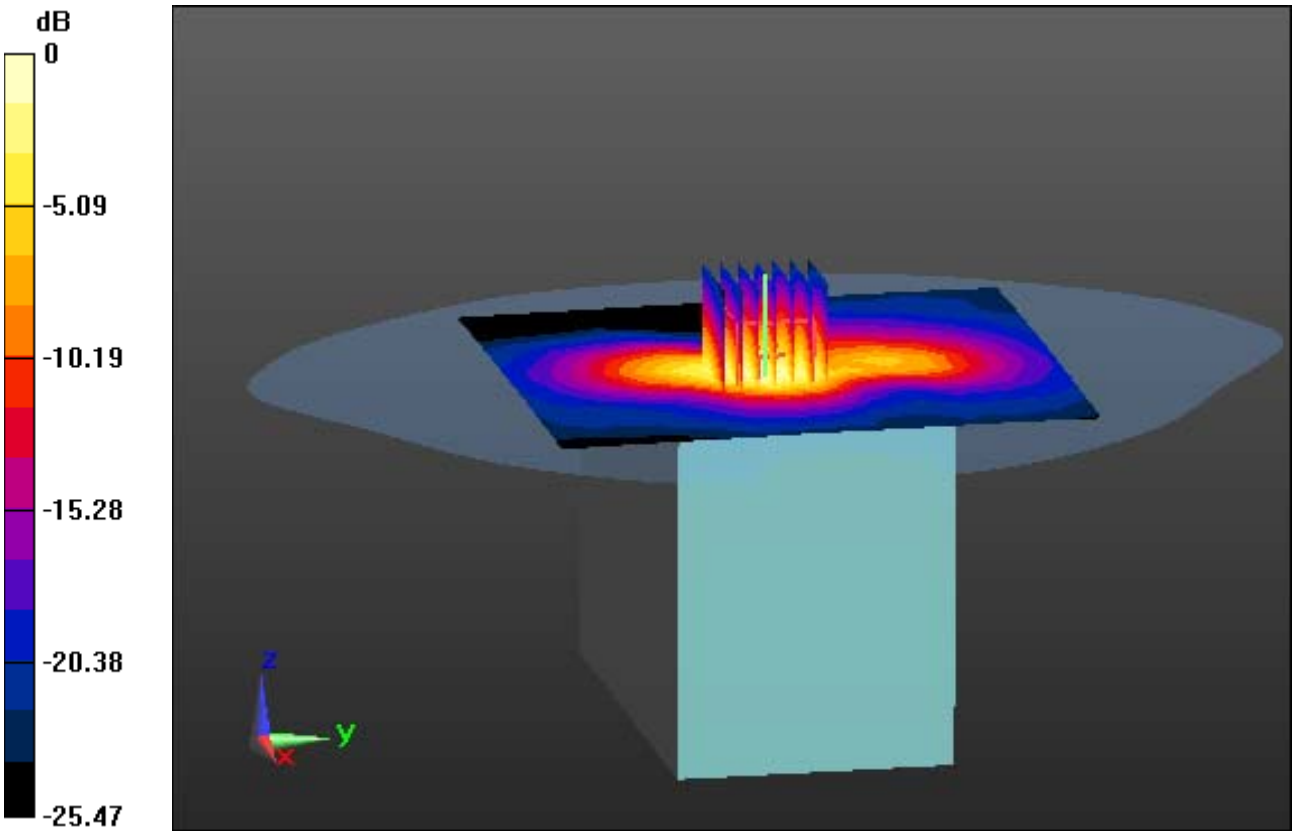
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.79 S/m; ε_r = 38.139; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71) @ 2462 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Top, WLAN(802.11g) Ch. 11 Ant Internal, MIMO

Area Scan (13x14x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.341 W/kg



0 dB = 1.04 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

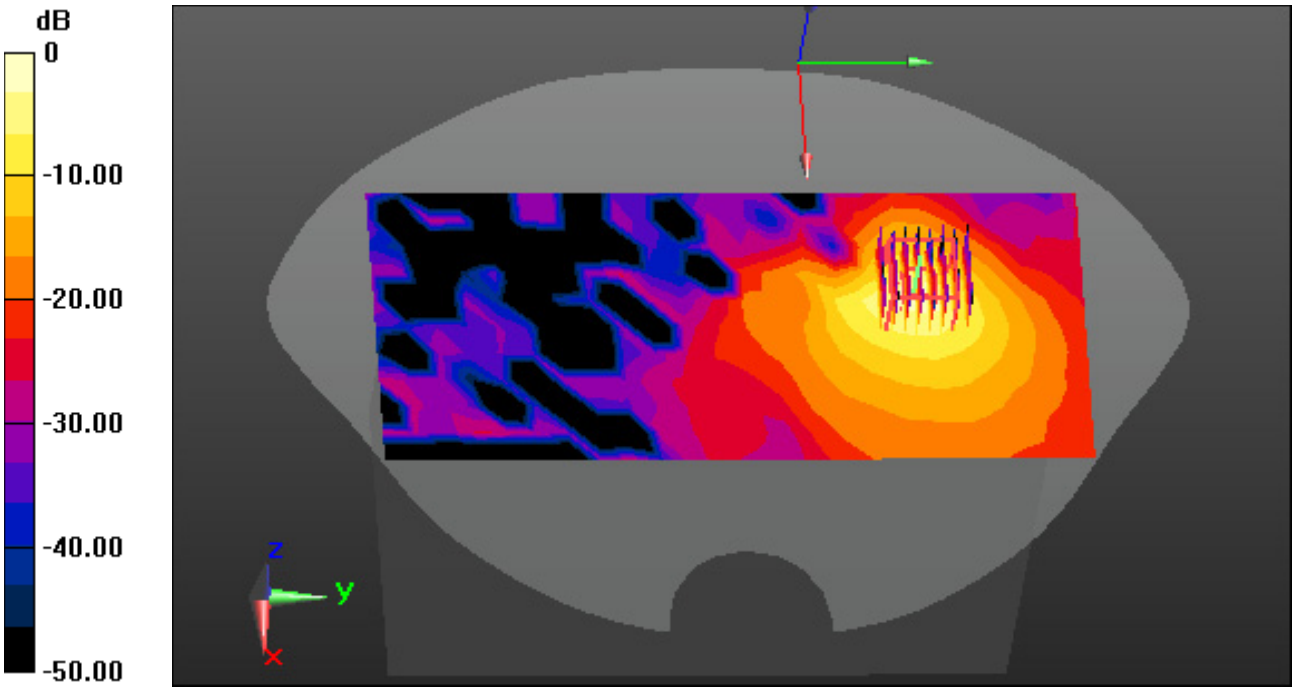
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.755 S/m; ε_r = 35.886; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.87, 5.87, 5.87) @ 5300 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-27; Ambient Temp: 21.6; Tissue Temp: 21.8

Touch from Body, Right, WLAN(802.11a) Ch. 60, Ant. Internal, Ant.1

Area Scan (11x24x1): 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) = 3.52 W/kg
SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.233 W/kg



0 dB = 2.04 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

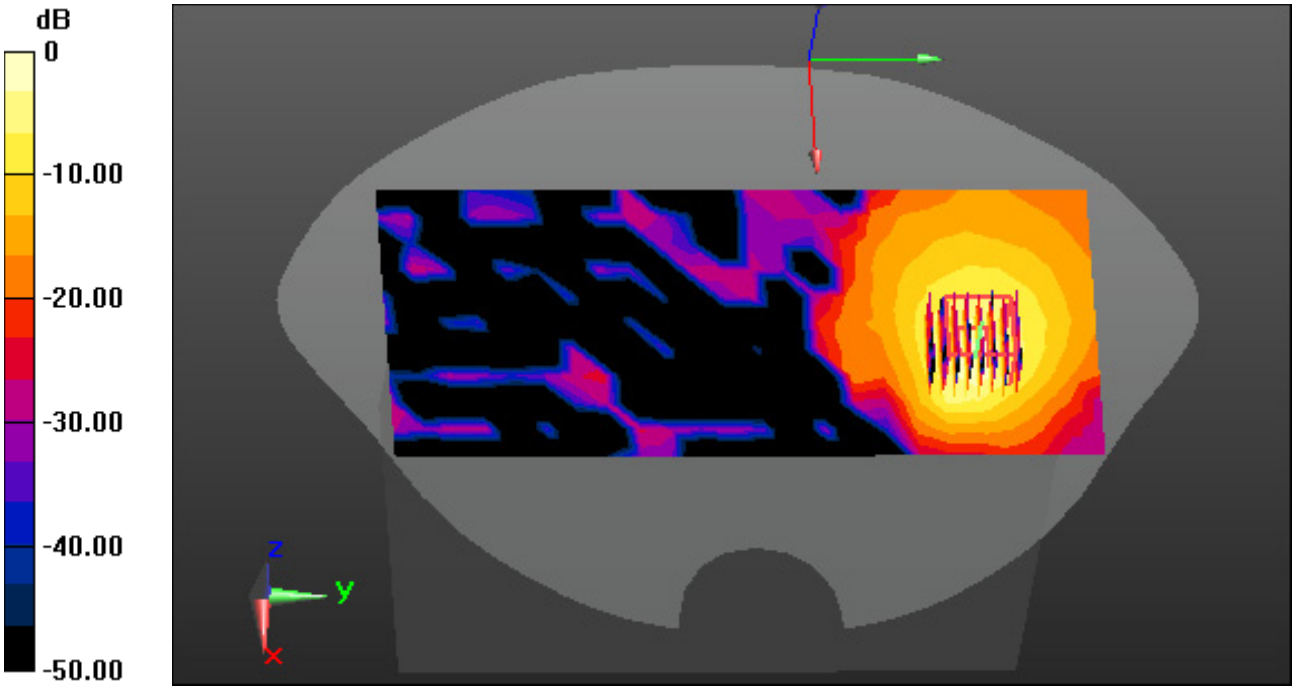
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.739 S/m; ε_r = 35.913; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.87, 5.87, 5.87) @ 5280 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-27; Ambient Temp: 21.6; Tissue Temp: 21.8

Touch from Body, Left, WLAN(802.11a) Ch. 56, Ant. Internal, Ant.2

Area Scan (11x24x1): 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) = 1.95 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.163 W/kg



0 dB = 1.11 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

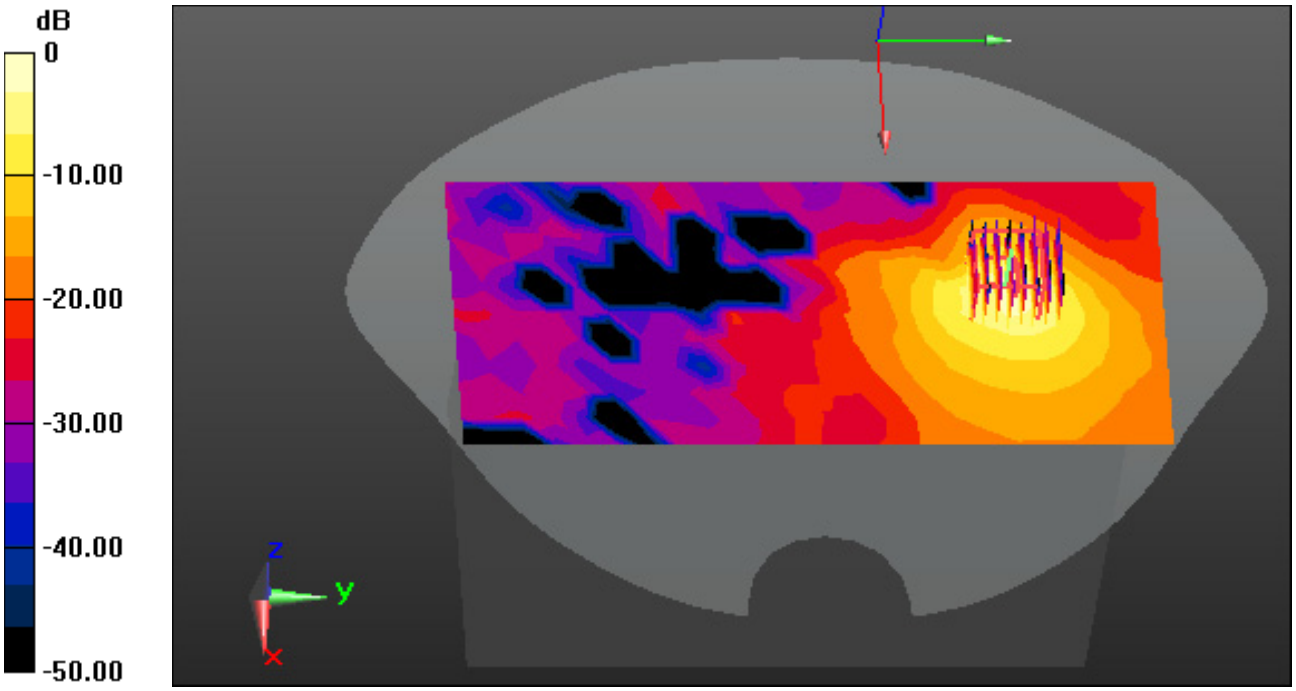
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.739 S/m; ε_r = 35.913; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.87, 5.87, 5.87) @ 5280 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-27; Ambient Temp: 21.6; Tissue Temp: 21.8

Touch from Body, Right, WLAN(802.11a) Ch. 56, Ant. Internal, MIMO

Area Scan (11x24x1): 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) = 3.34 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.244 W/kg



0 dB = 1.94 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

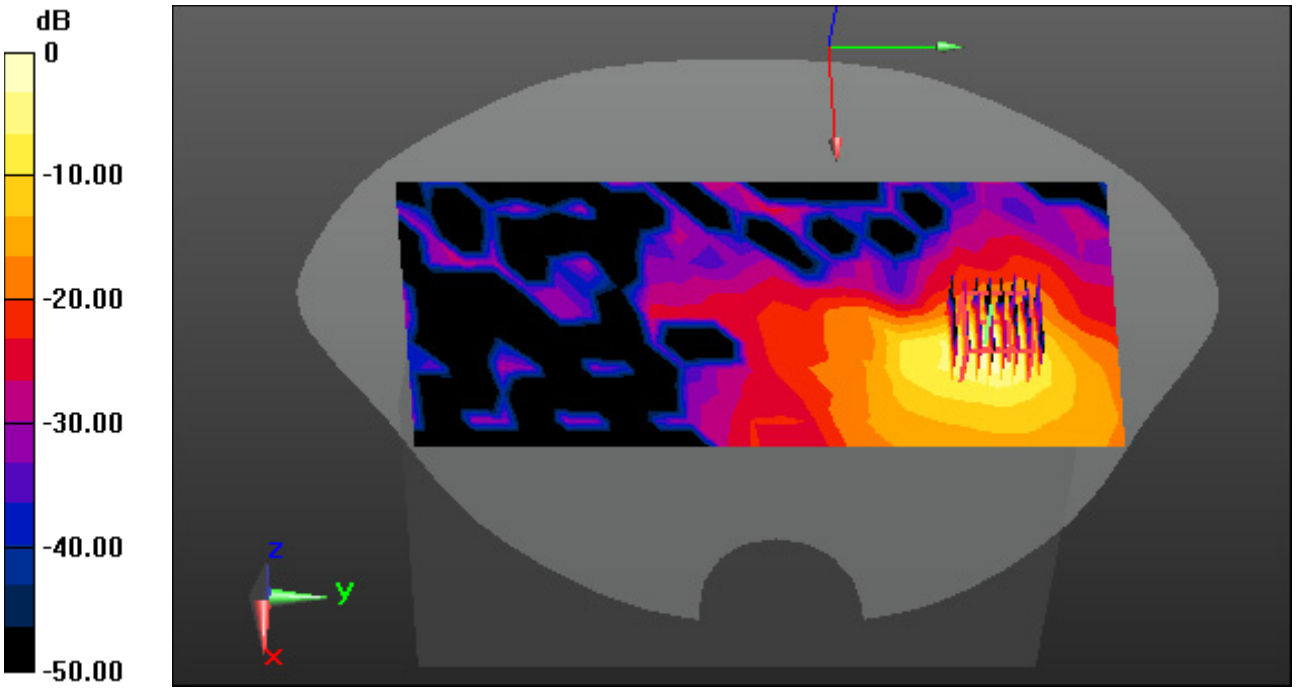
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.024 S/m; ε_r = 35.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.12, 5.12, 5.12) @ 5580 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Touch from Body, Right, WLAN(802.11a) Ch. 116, Ant. Internal, Ant.1

Area Scan (11x24x1): 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) = 3.79 W/kg
SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.231 W/kg



0 dB = 2.03 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

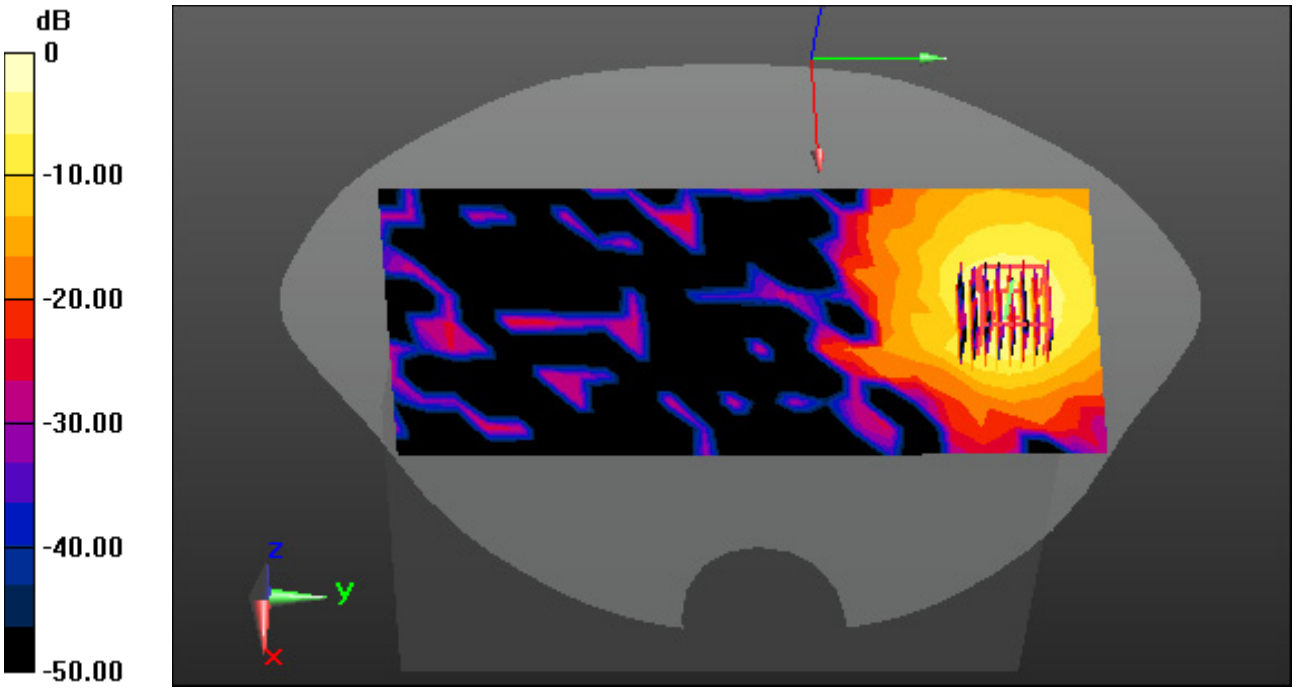
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.024 S/m; ε_r = 35.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.12, 5.12, 5.12) @ 5580 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Touch from Body, Left, WLAN(802.11a) Ch. 116, Ant. Internal, Ant.2

Area Scan (11x24x1): 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) = 0.300 W/kg; SAR(10 g) = 0.091 W/kg



0 dB = 0.746 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

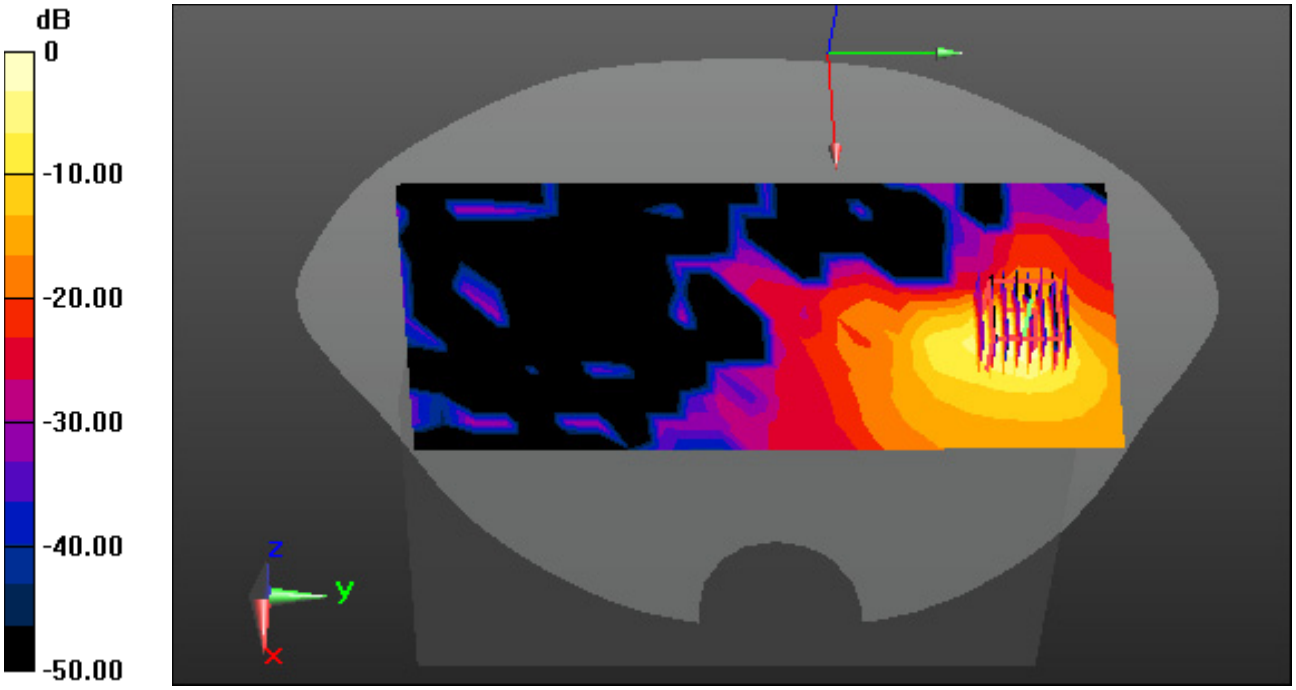
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.024 S/m; ε_r = 35.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.12, 5.12, 5.12) @ 5580 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Touch from Body, Right, WLAN(802.11a) Ch. 116, Ant. Internal, MIMO

Area Scan (11x24x1): 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) = 4.70 W/kg
SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.268 W/kg



0 dB = 2.58 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

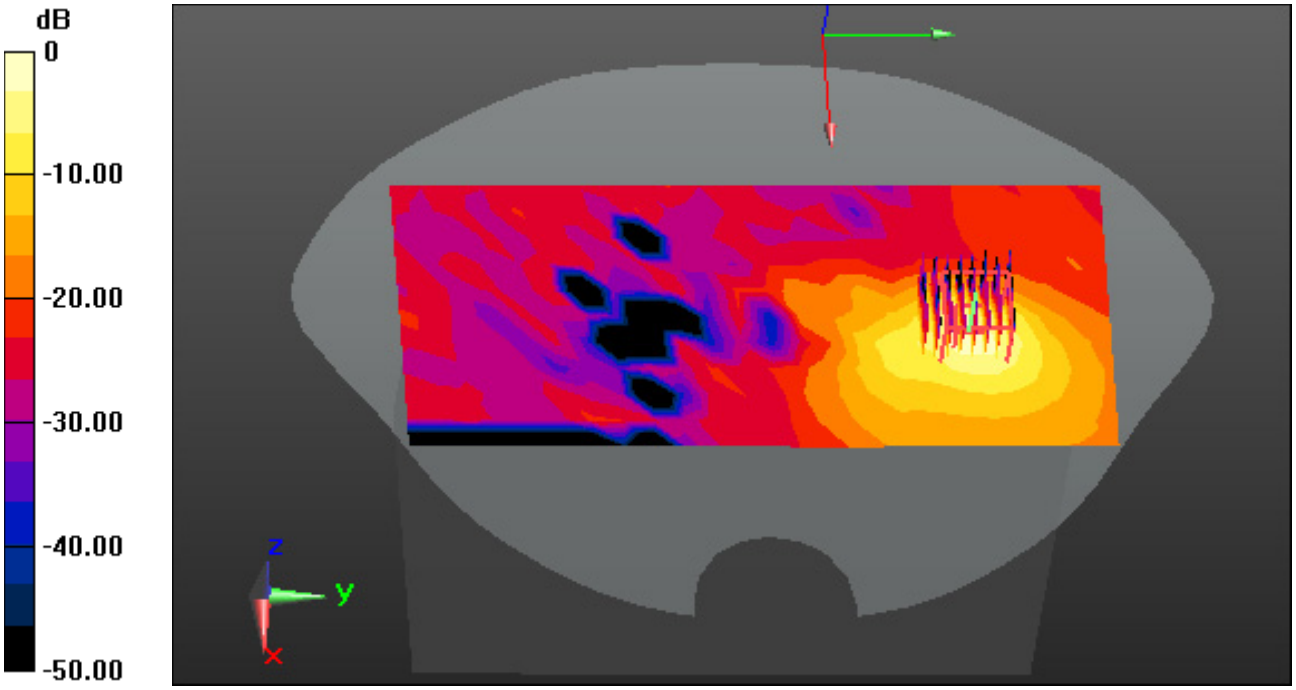
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.217 S/m; ε_r = 34.776; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.33, 5.33, 5.33) @ 5745 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-29; Ambient Temp: 21.7; Tissue Temp: 22.0

Touch from Body, Right, WLAN(802.11a) Ch. 149, Ant. Internal, Ant.1

Area Scan (11x24x1): 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) = 2.40 W/kg
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.150 W/kg



0 dB = 1.36 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

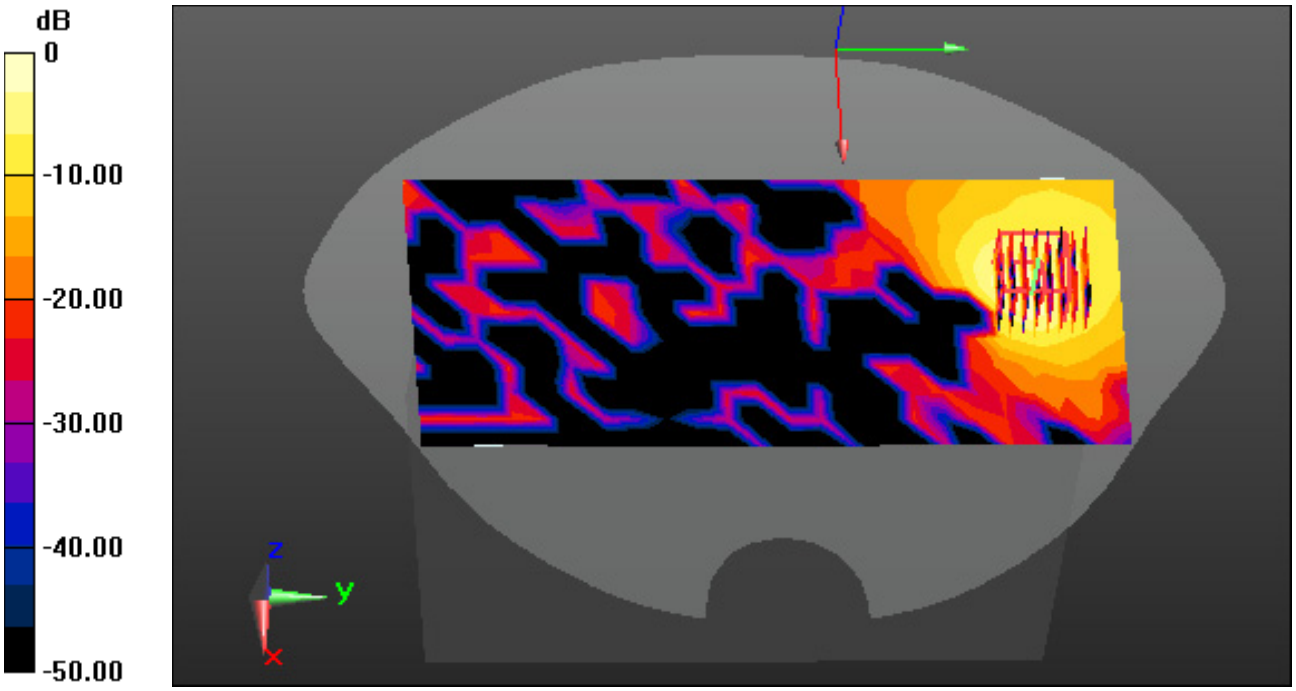
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.256 S/m; ε_r = 34.714; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.33, 5.33, 5.33) @ 5785 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-29; Ambient Temp: 21.7; Tissue Temp: 22.0

Touch from Body, Left, WLAN(802.11a) Ch. 157, Ant. Internal, Ant.2

Area Scan (11x24x1): 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) = 0.975 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.050 W/kg



0 dB = 0.408 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

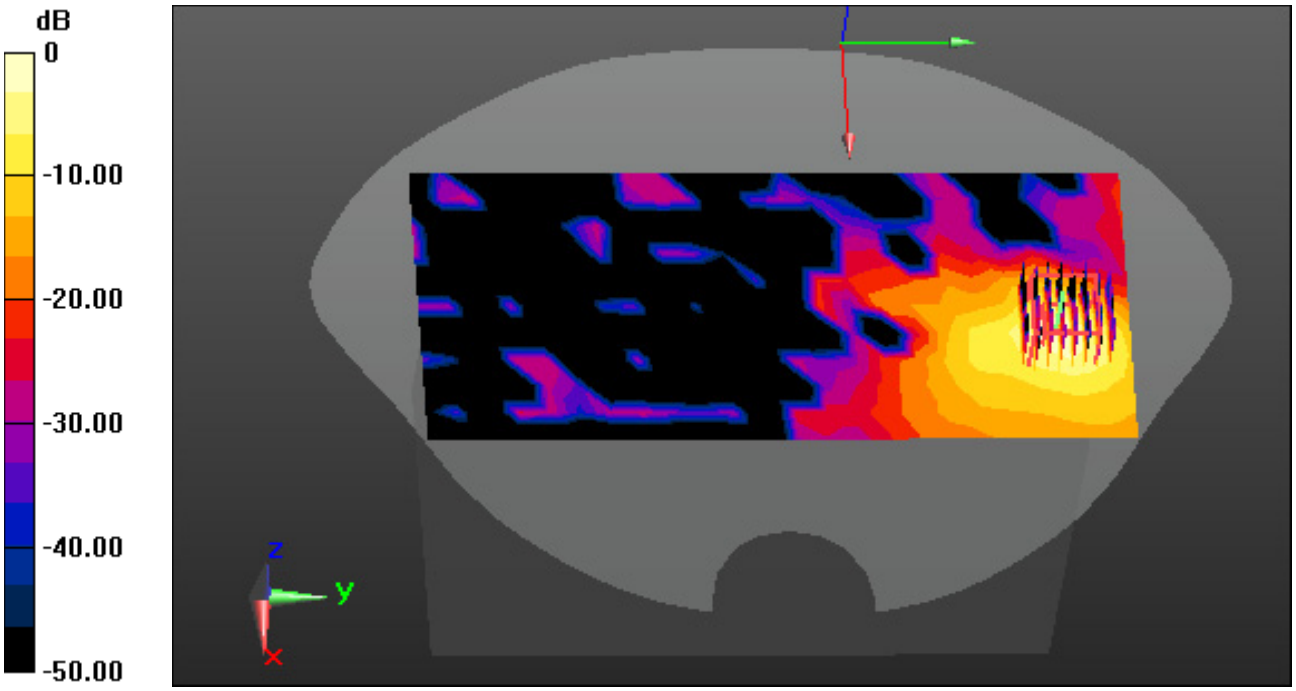
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.256 S/m; ε_r = 34.714; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.33, 5.33, 5.33) @ 5785 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-29; Ambient Temp: 21.7; Tissue Temp: 22.0

Touch from Body, Right, WLAN(802.11a) Ch. 157, Ant. Internal, MIMO

Area Scan (11x24x1): 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) = 2.36 W/kg
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.142 W/kg



0 dB = 1.33 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

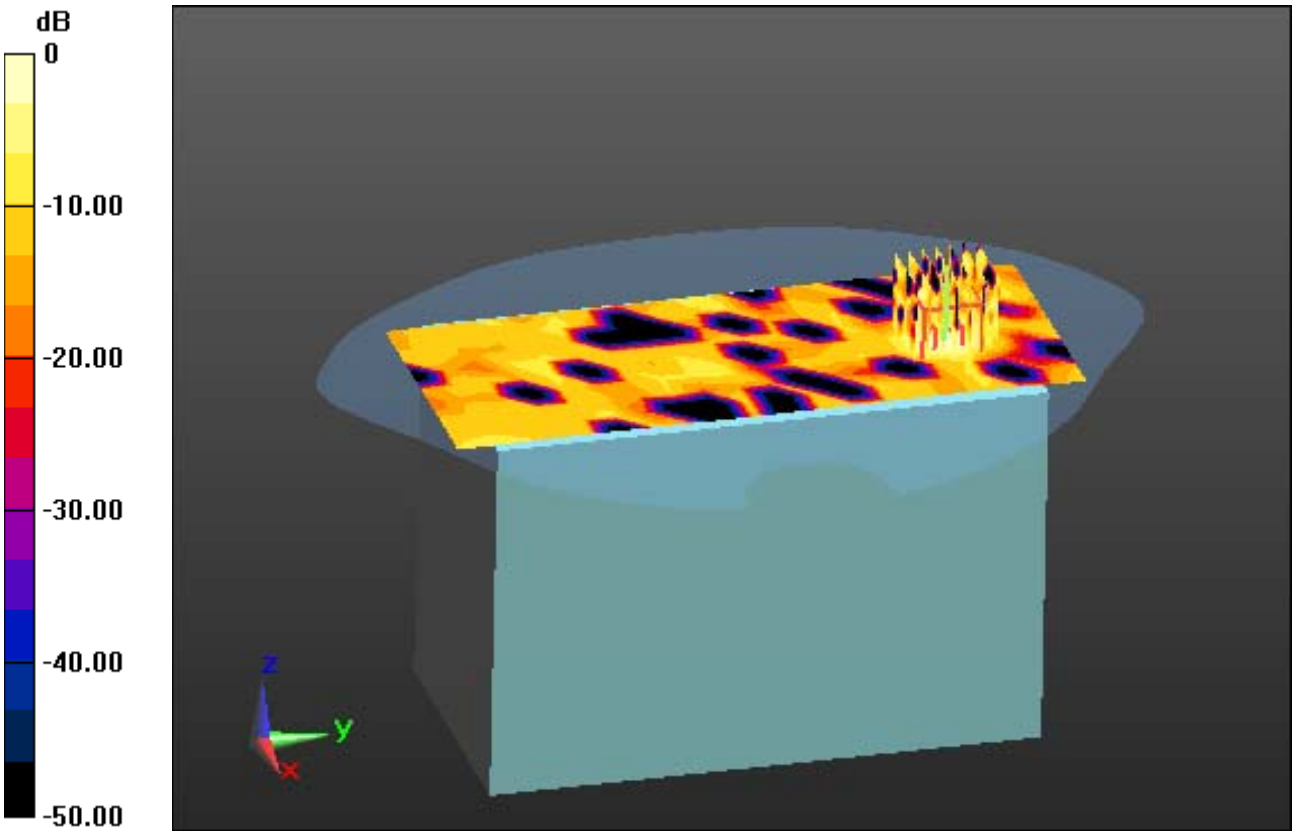
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2402 MHz; σ = 1.725 S/m; ε_r = 38.307; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71) @ 2412 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Right, Bluetooth 1 Mbps Ch. 0 Ant Internal

Area Scan (9x20x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.007 W/kg



0 dB = 0.0288 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

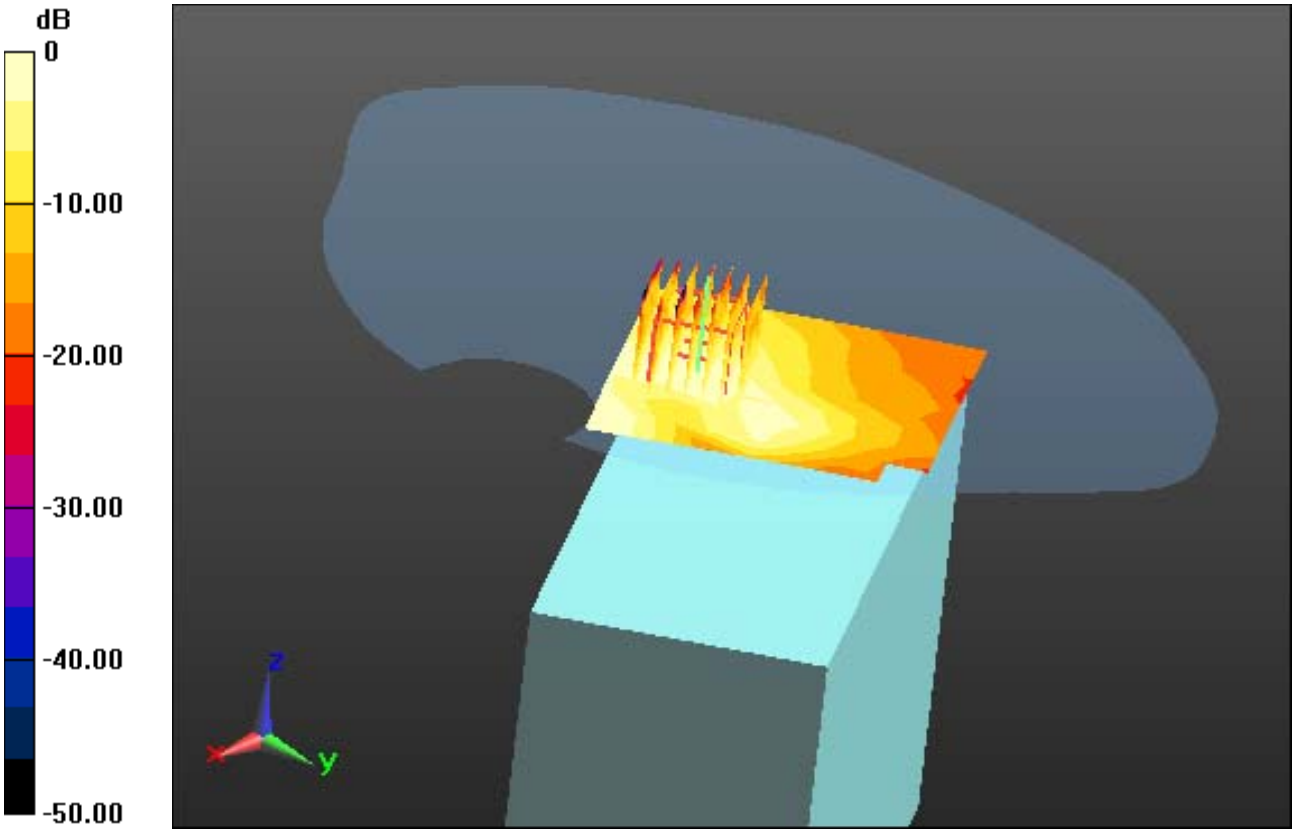
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.79 S/m; εr = 38.139; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71) @ 2462 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Rear, WLAN(802.11b) Ch. 11 Ant Internal, Ant.1

Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.032 W/kg



0 dB = 0.0882 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

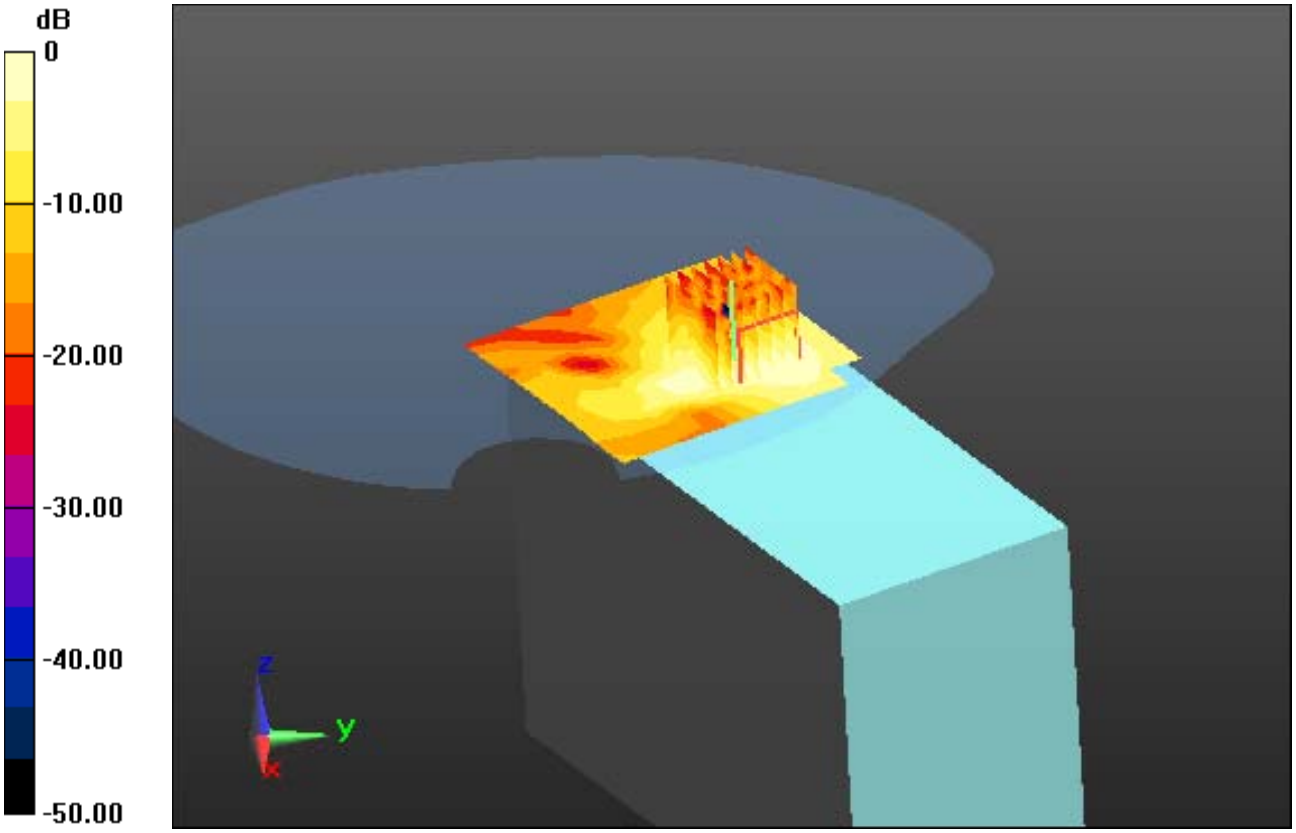
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.79 S/m; εr = 38.139; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71) @ 2462 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Rear, WLAN(802.11b) Ch. 11 Ant Internal, Ant.2

Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.046 W/kg



0 dB = 0.144 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

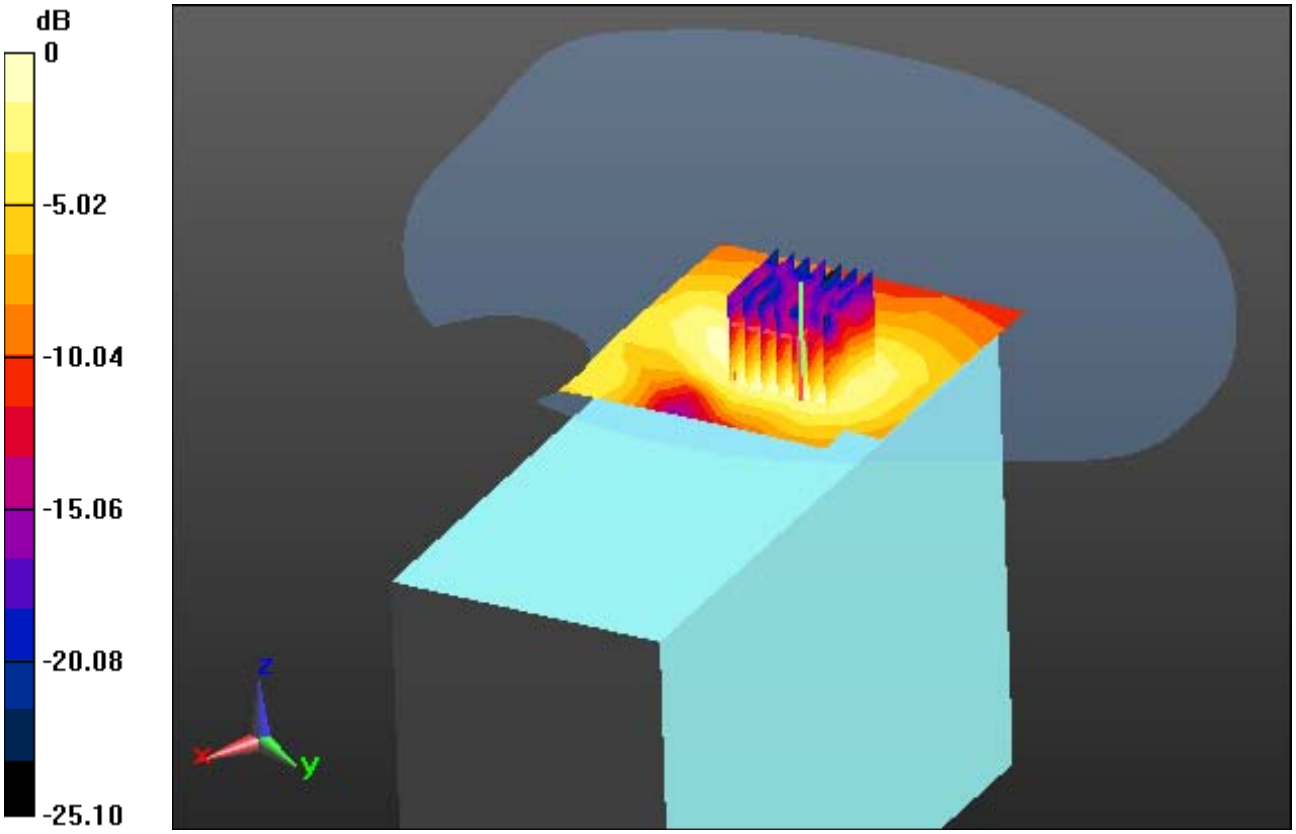
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.79 S/m; ε_r = 38.139; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71) @ 2462 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Rear, WLAN(802.11g) Ch. 11 Ant Internal, MIMO

Area Scan (9x9x1): 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) = 0.324 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.077 W/kg



0 dB = 0.231 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

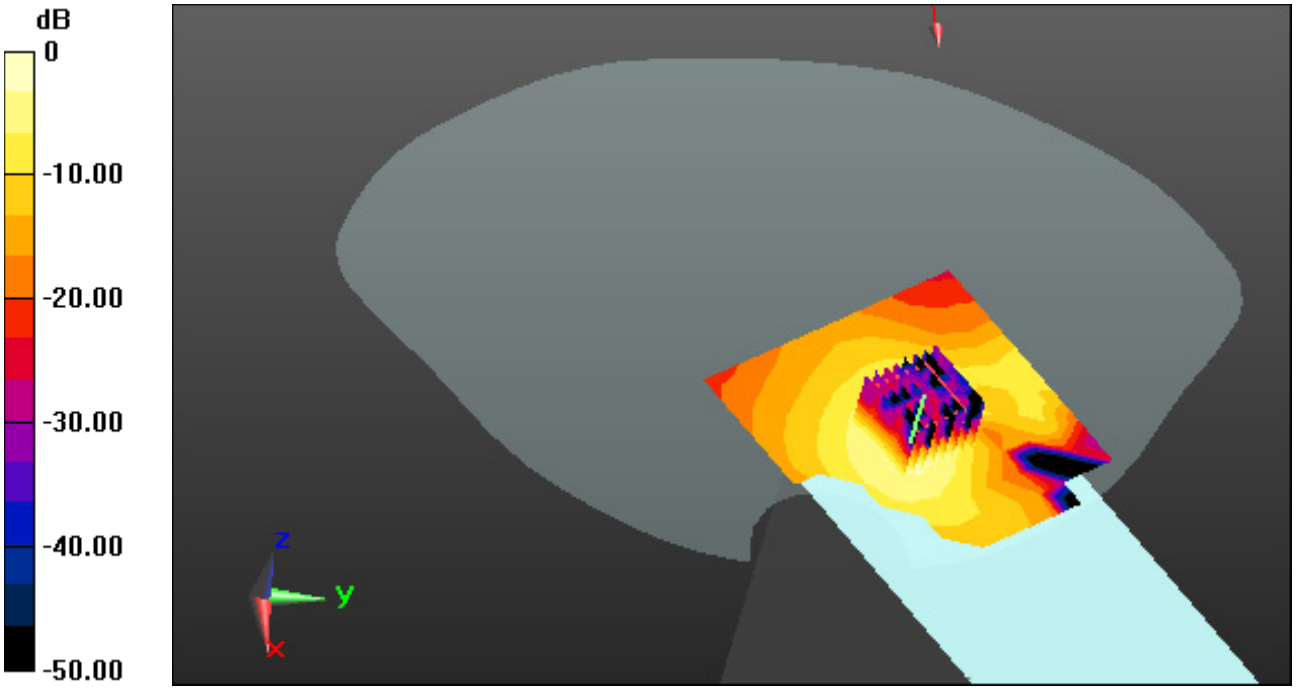
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.755 S/m; ε_r = 35.886; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.87, 5.87, 5.87) @ 5300 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-27; Ambient Temp: 21.6; Tissue Temp: 21.8

Touch from Body, Rear, WLAN(802.11a) Ch. 60, Ant. Internal, Ant.1

Area Scan (11x11x1): 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) = 1.90 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 1.21 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

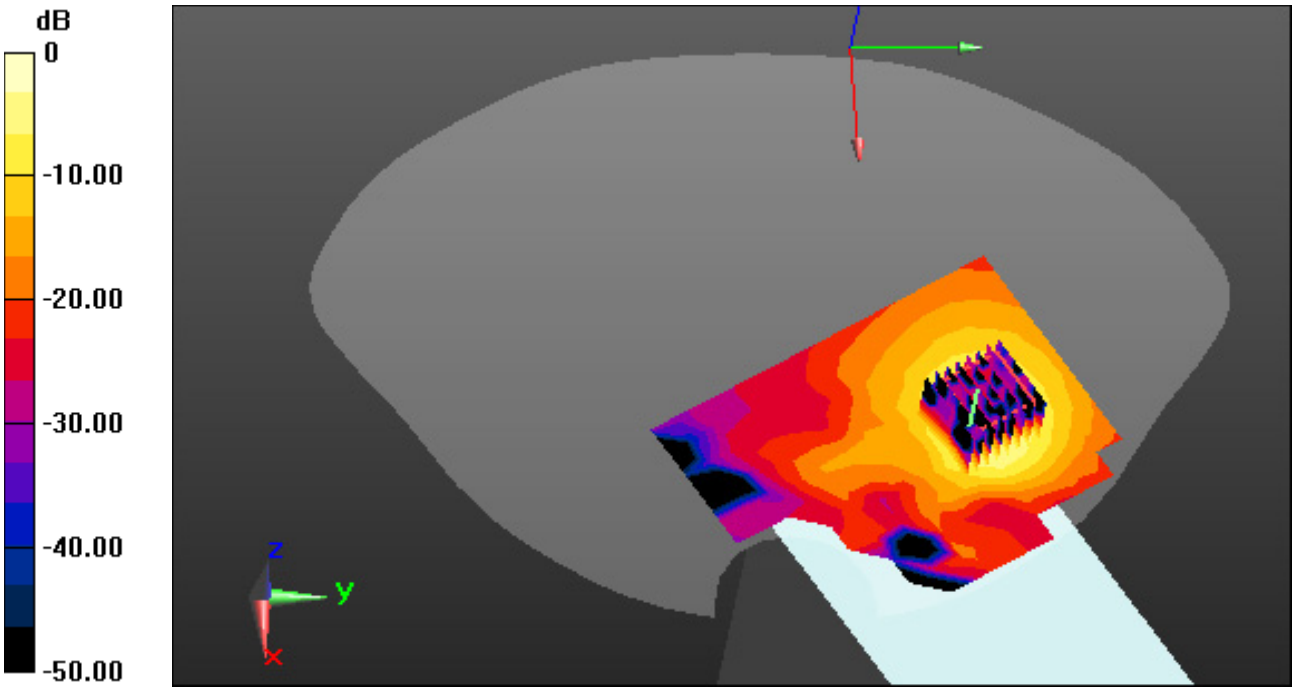
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.739 S/m; ε_r = 35.913; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.87, 5.87, 5.87) @ 5280 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-27; Ambient Temp: 21.6; Tissue Temp: 21.8

Touch from Body, Rear, WLAN(802.11a) Ch. 56, Ant. Internal, Ant.2

Area Scan (11x14x1): 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) = 2.58 W/kg
SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.242 W/kg



0 dB = 1.61 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

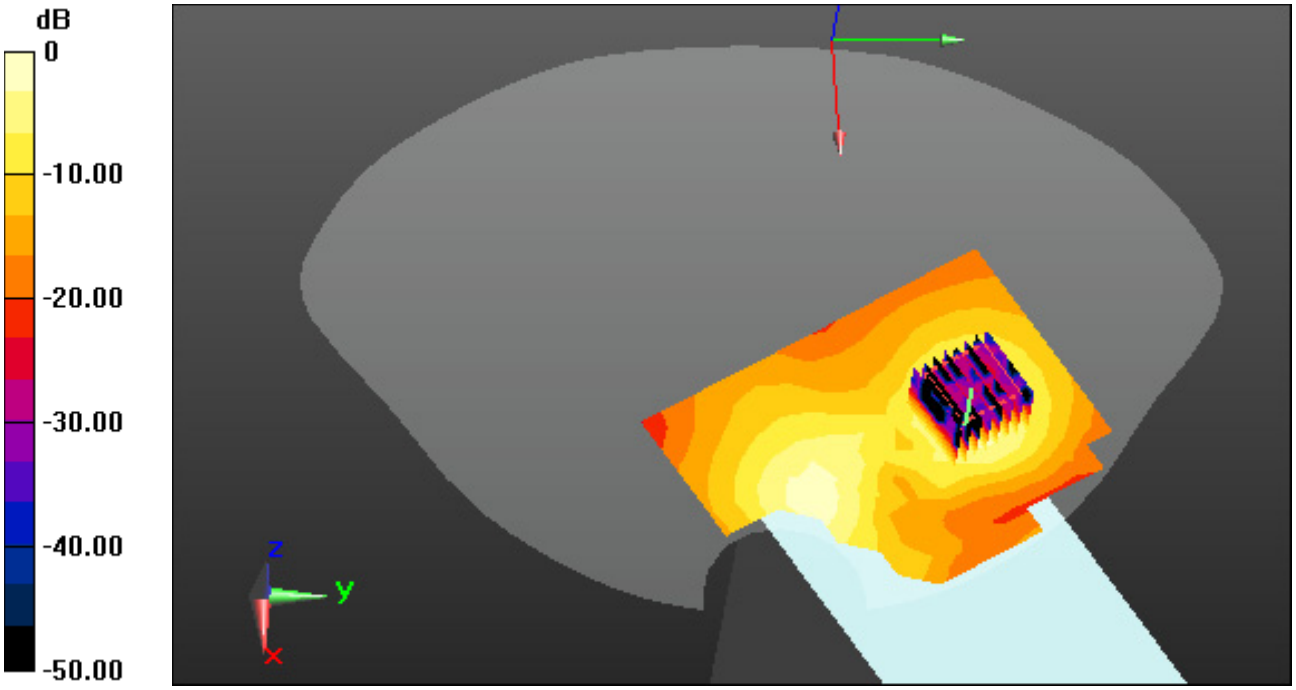
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.739 S/m; ε_r = 35.913; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.87, 5.87, 5.87) @ 5280 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-27; Ambient Temp: 21.6; Tissue Temp: 21.8

Touch from Body, Rear, WLAN(802.11a) Ch. 56, Ant. Internal, MIMO

Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.64 W/kg
SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.258 W/kg



0 dB = 1.64 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

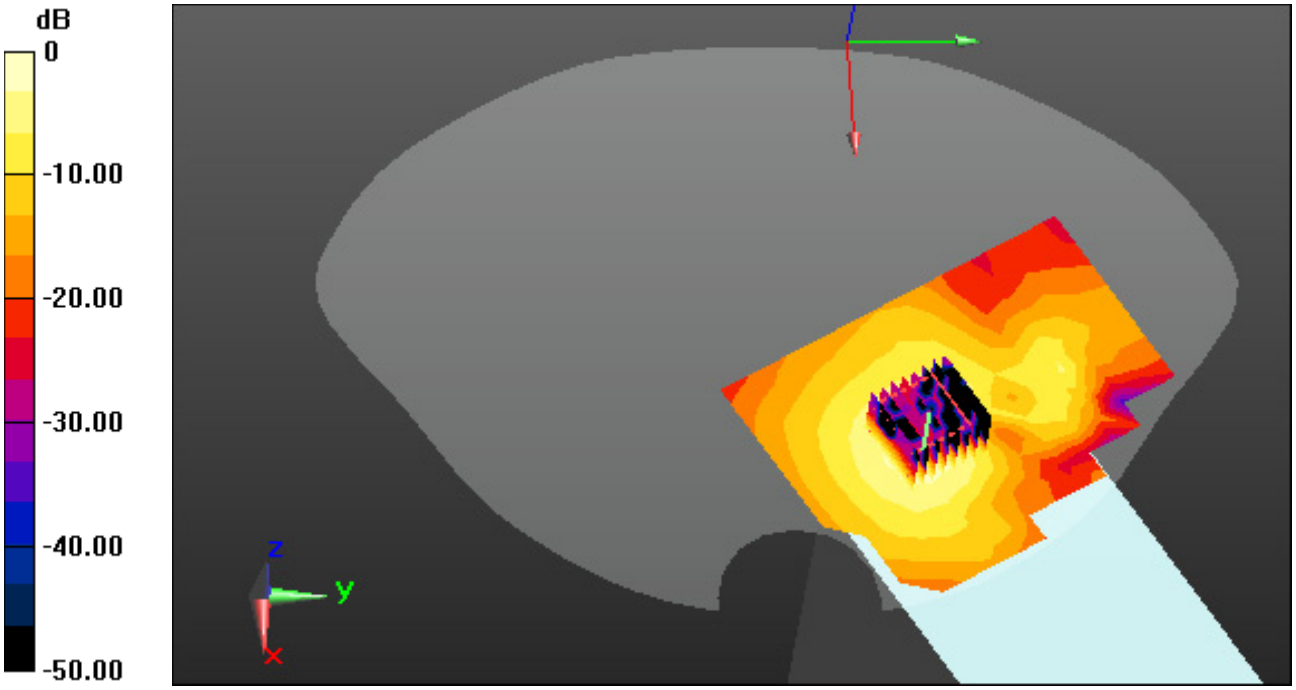
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.024 S/m; ε_r = 35.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.12, 5.12, 5.12) @ 5580 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Touch from Body, Rear, WLAN(802.11a) Ch. 116, Ant. Internal, Ant.1

Area Scan (11x14x1): 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) = 2.01 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 1.23 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

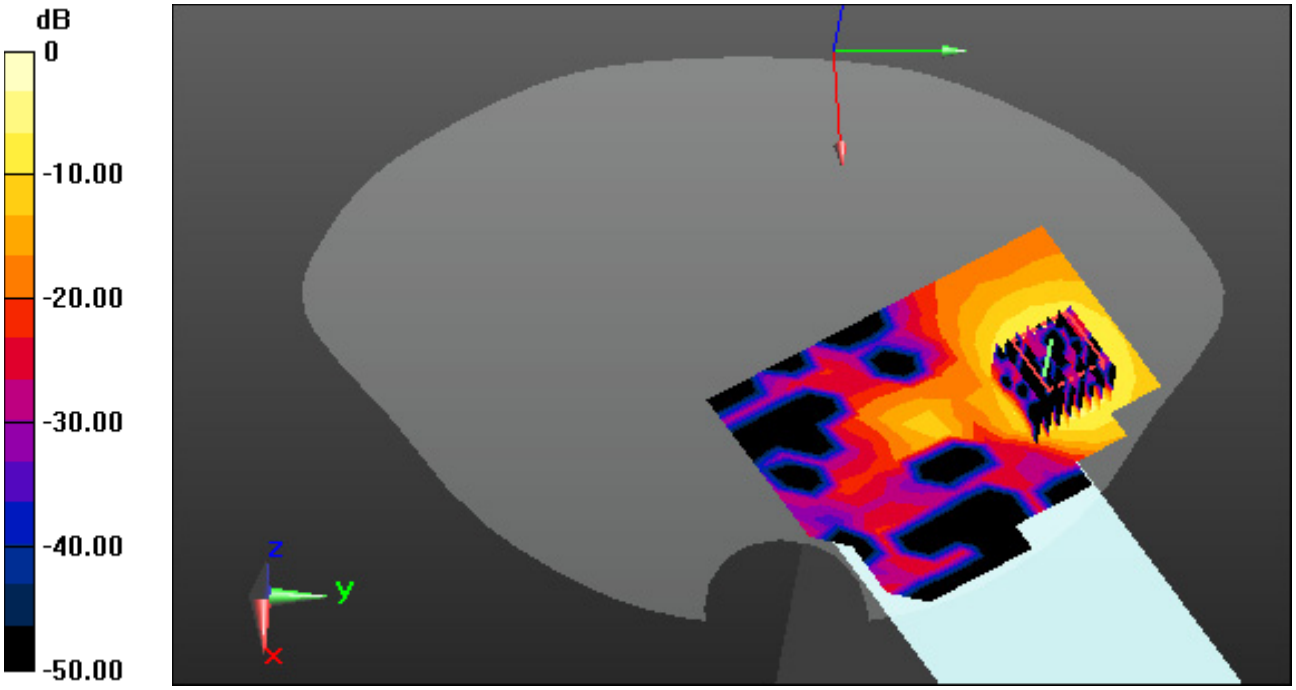
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.024 S/m; ε_r = 35.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.12, 5.12, 5.12) @ 5580 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Touch from Body, Rear, WLAN(802.11a) Ch. 116, Ant. Internal, Ant.2

Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.135 W/kg



0 dB = 0.938 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

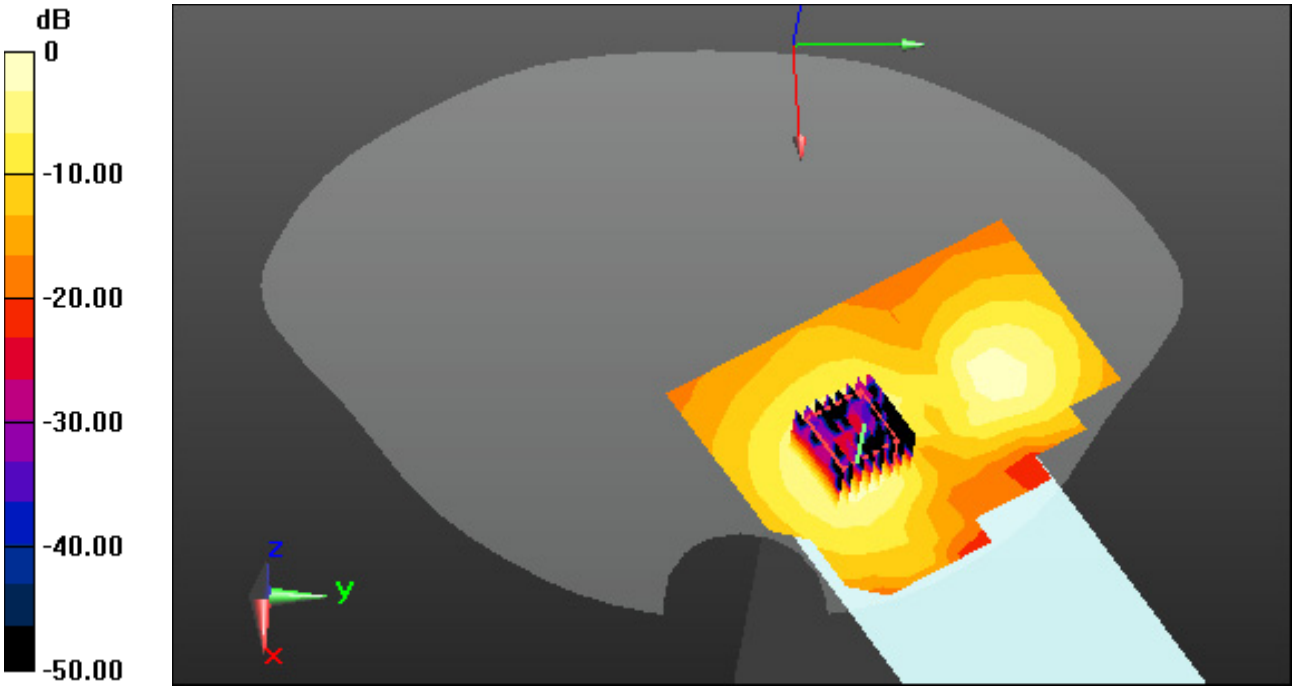
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5580 MHz; σ = 5.024 S/m; ε_r = 35.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.12, 5.12, 5.12) @ 5580 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-28; Ambient Temp: 21.3; Tissue Temp: 21.5

Touch from Body, Rear, WLAN(802.11a) Ch. 116, Ant. Internal, MIMO

Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.206 W/kg



0 dB = 1.30 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

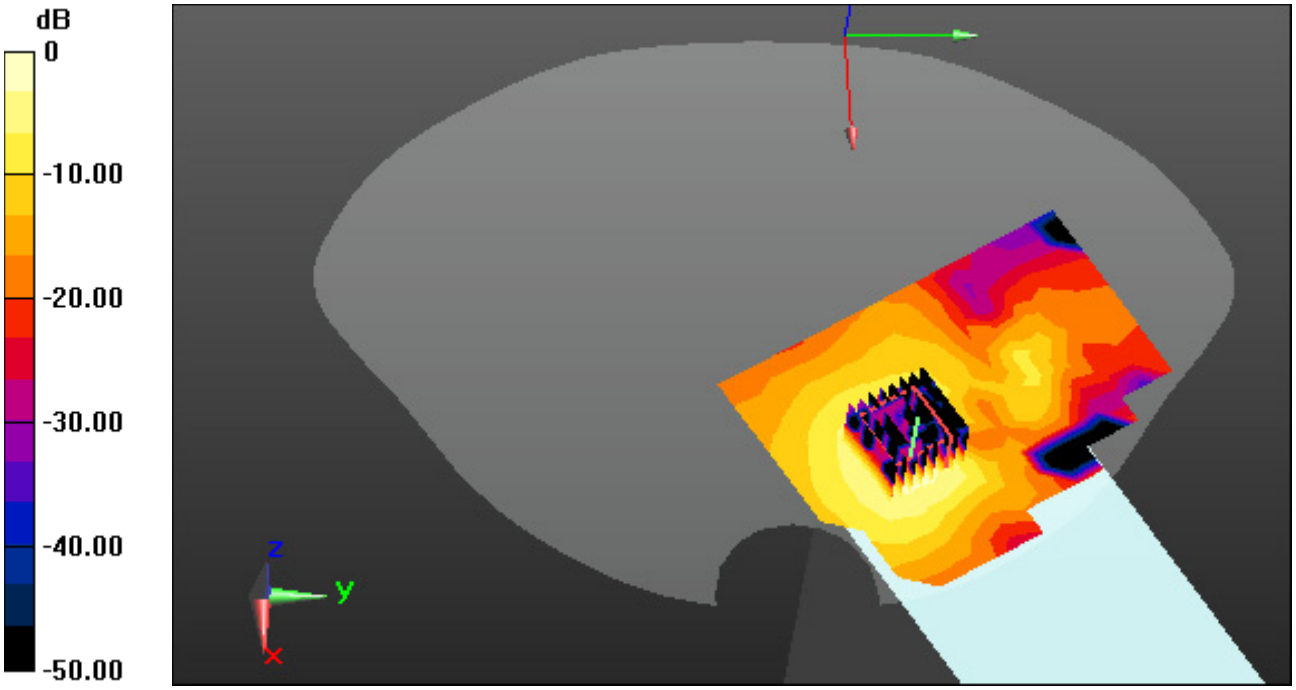
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.256 S/m; ε_r = 34.714; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.33, 5.33, 5.33) @ 5785 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-29; Ambient Temp: 21.7; Tissue Temp: 22.0

Touch from Body, Rear, WLAN(802.11a) Ch. 157, Ant. Internal, Ant.1

Area Scan (11x14x1): 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) = 2.00 W/kg
SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.175 W/kg



0 dB = 1.19 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

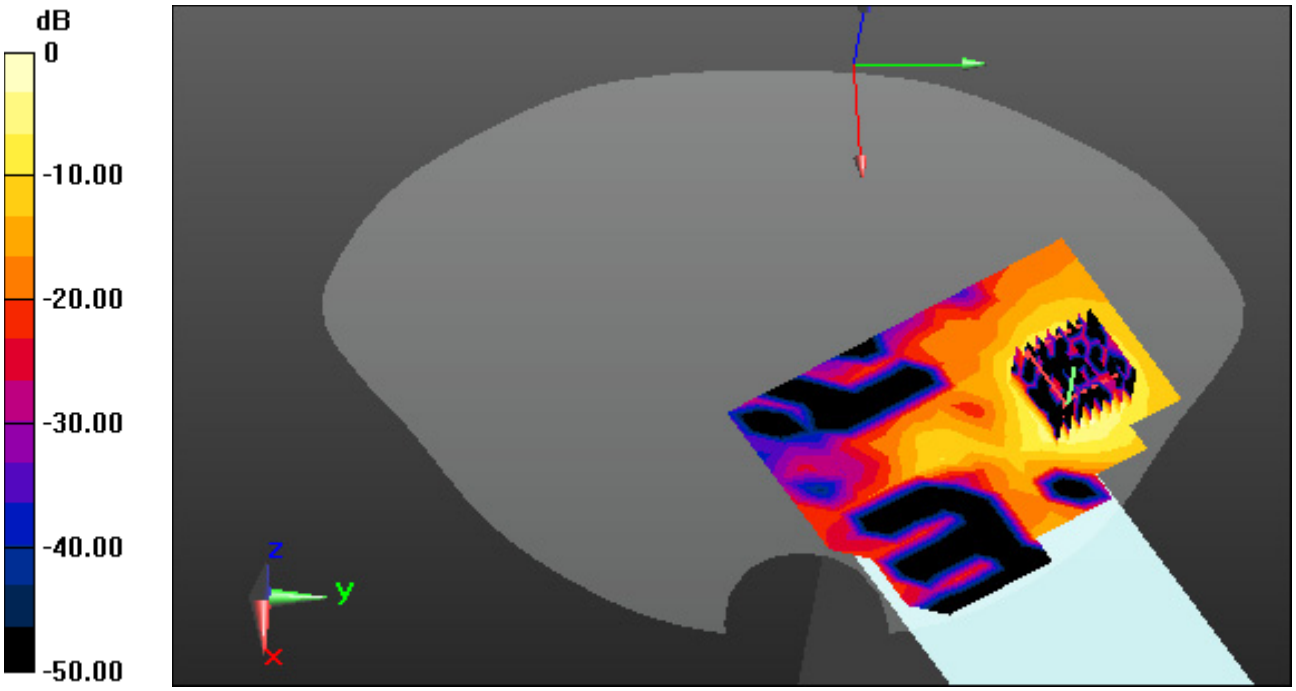
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.256 S/m; ε_r = 34.714; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.33, 5.33, 5.33) @ 5785 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-29; Ambient Temp: 21.7; Tissue Temp: 22.0

Touch from Body, Rear, WLAN(802.11a) Ch. 157, Ant. Internal, Ant.2

Area Scan (11x14x1): 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) = 0.960 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.077 W/kg



0 dB = 0.567 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

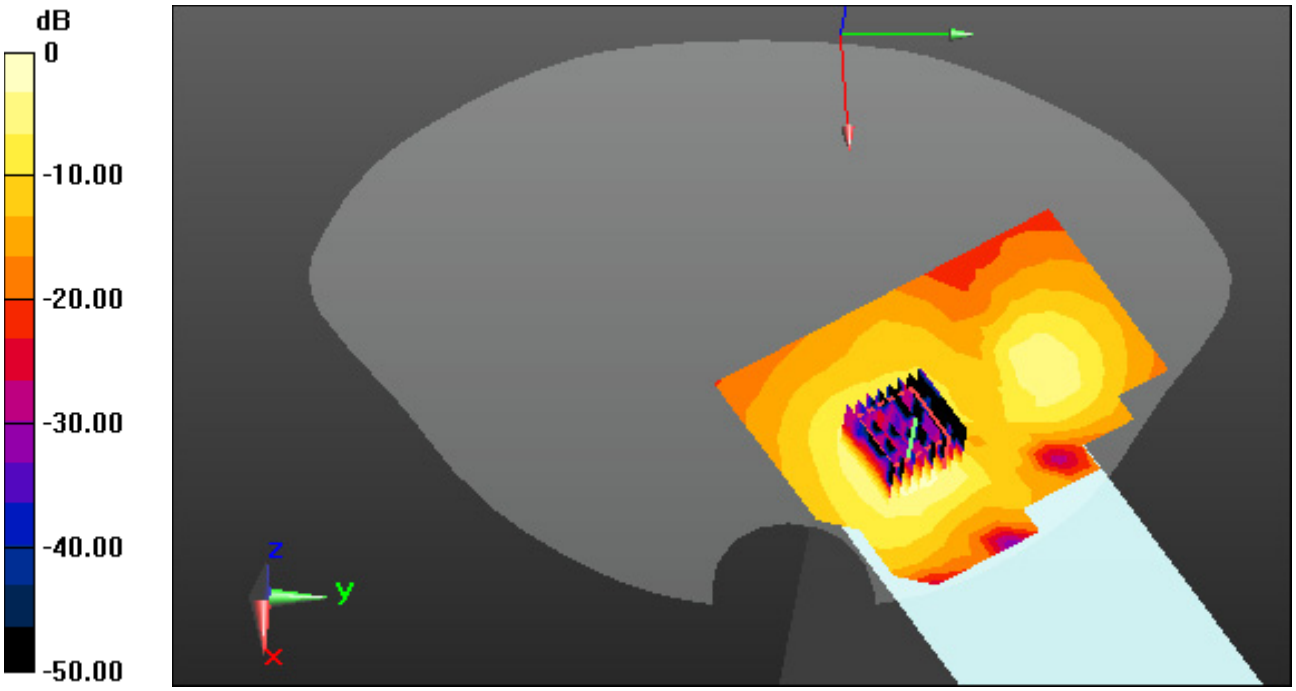
Communication System: UID 0, W-LAN(5G) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.256 S/m; ε_r = 34.714; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(5.33, 5.33, 5.33) @ 5785 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1837
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-29; Ambient Temp: 21.7; Tissue Temp: 22.0

Touch from Body, Rear, WLAN(802.11a) Ch. 157, Ant. Internal, MIMO

Area Scan (11x14x1): 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) = 2.19 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.191 W/kg



0 dB = 1.32 W/kg

Dt&C Co., Ltd.

DUT: PM560; Type: Gun

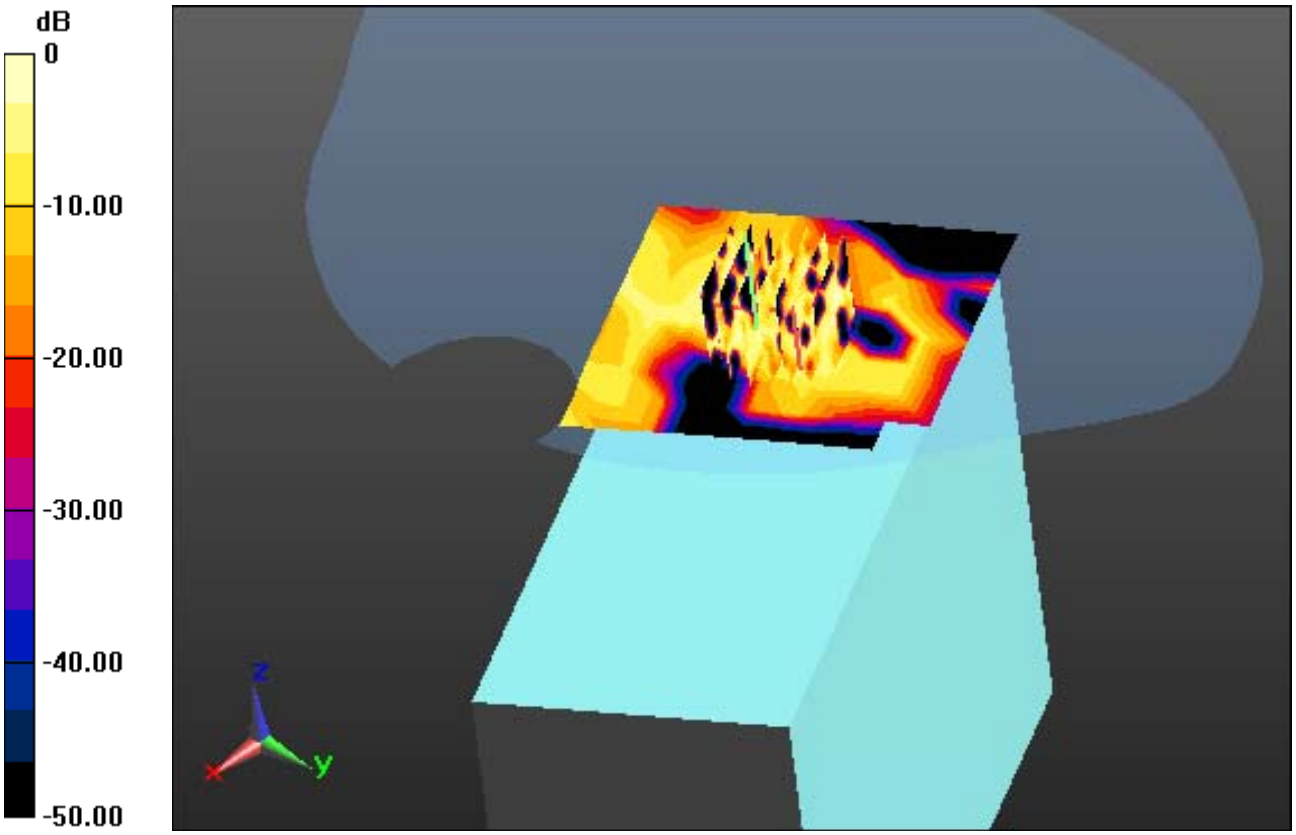
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2402 MHz; σ = 1.725 S/m; ε_r = 38.308; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.71, 7.71, 7.71) @ 2412 MHz; Calibrated: 3/30/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-03-20; Ambient Temp: 22.5; Tissue Temp: 23.0

Touch from Body, Rear, Bluetooth 1 Mbps Ch. 0 Ant Internal

Area Scan (9x9x1): 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) = 0.0161 W/kg
SAR(1 g) = 0.007 W/kg; SAR(10 g) = 0.002 W/kg



0 dB = 0.0101 W/kg