SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

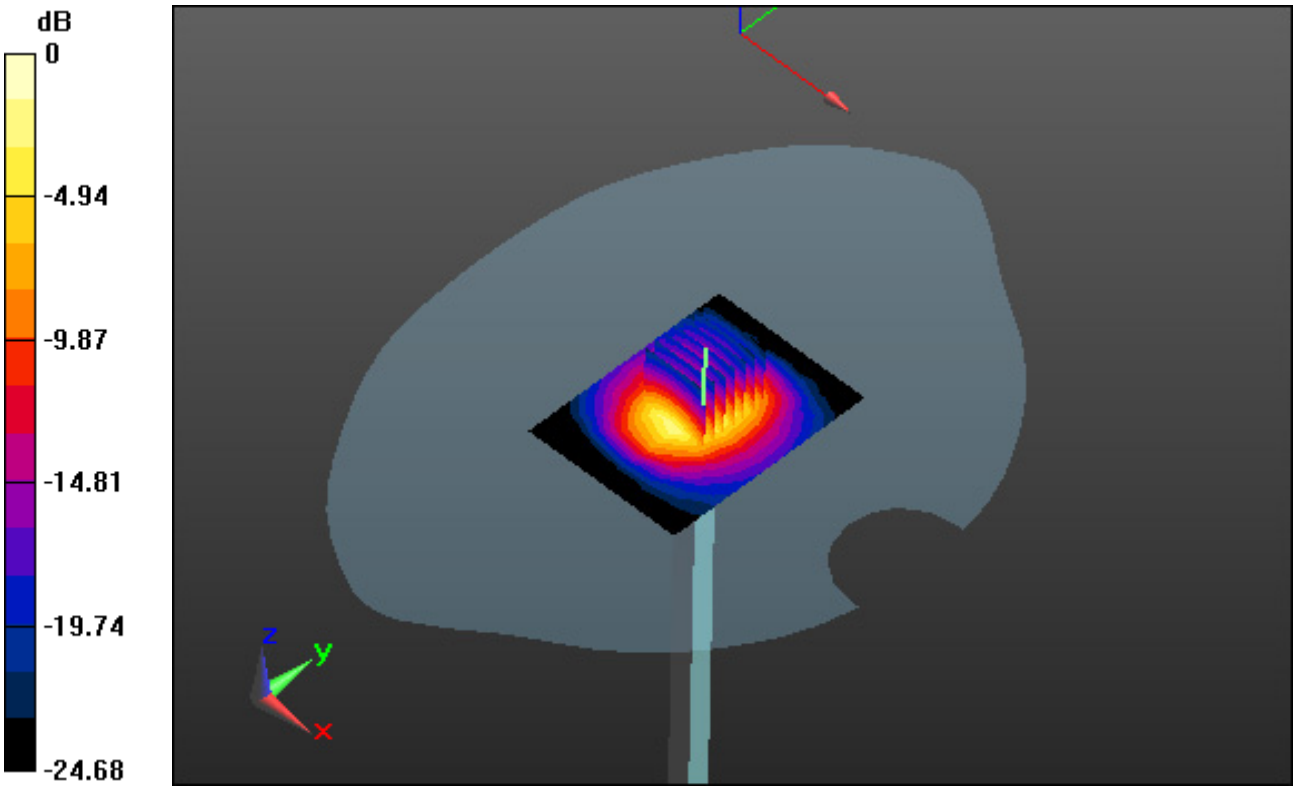
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.781 S/m; ε_r = 39.141; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.69, 7.69, 7.69); Calibrated: 7/26/2021 Electronics: DAE3 Sn520
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: 2022-02-15 Ambient Temp: 21.5 Tissue Temp: 21.4

2450 MHz System Verification (100 mW)

Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 5.3 W/kg; SAR(10 g) = 2.48 W/kg



0 dB = 8.52 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

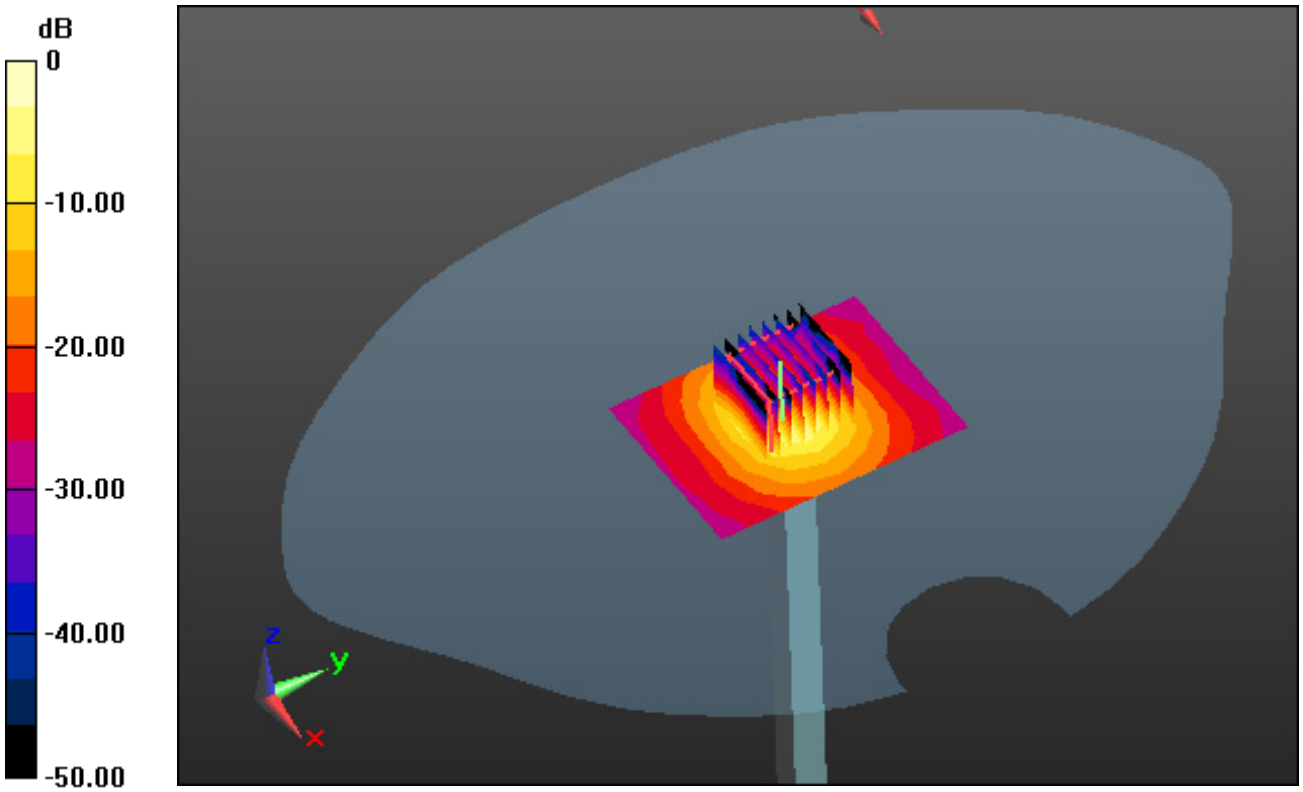
Medium parameters used: f = 5300 MHz; σ = 4.877 S/m; ε_r = 35.721; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.38, 5.38, 5.38); Calibrated: 7/26/2021 Electronics: DAE3 Sn520
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: 2022-02-16; Ambient Temp: 21.3; Tissue Temp: 21.2

5300 MHz System Verification (100 mW)

Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 34.9 W/kg
SAR(1 g) = 8.68 W/kg; SAR(10 g) = 2.49 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: 5600 MHz;Duty Cycle: 1:1

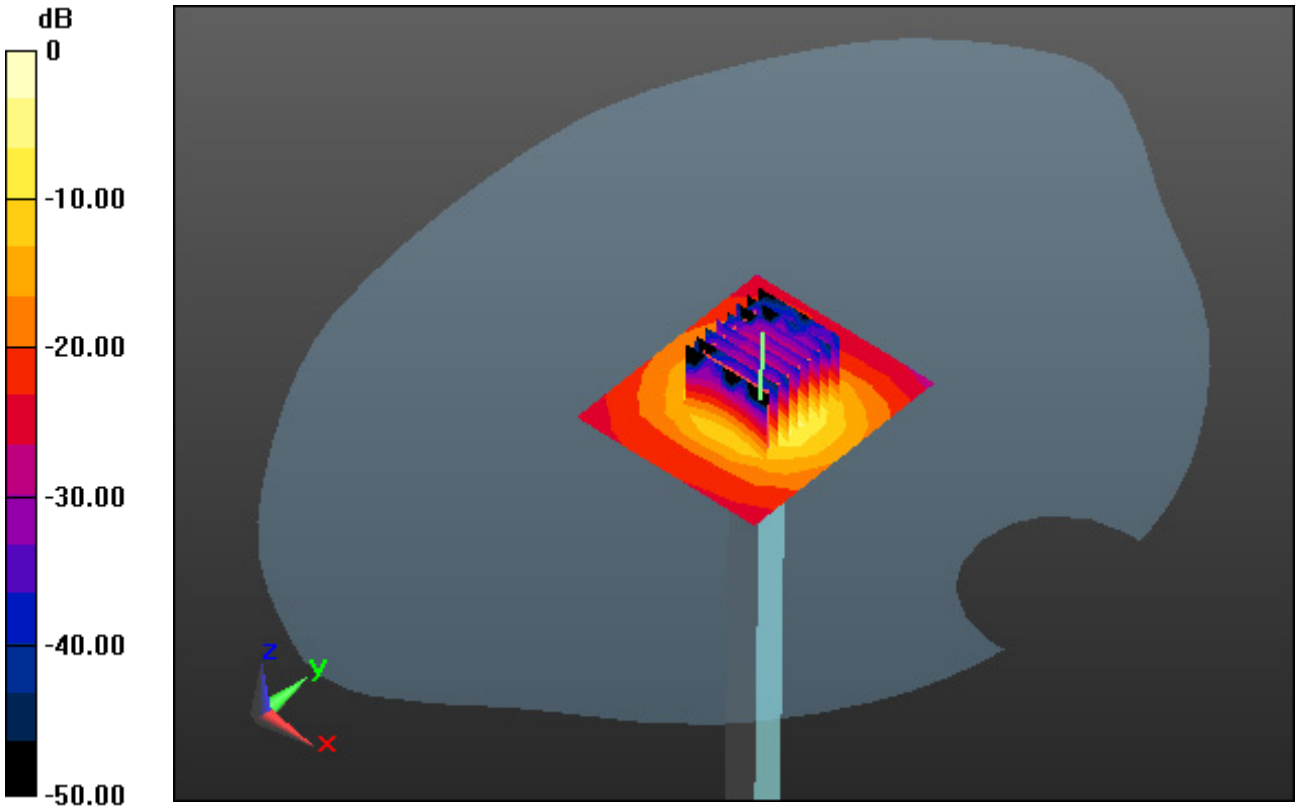
Medium parameters used: f = 5600 MHz; σ = 5.249 S/m; ε_r = 35.654; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.9, 4.9, 4.9); Calibrated: 7/26/2021 Electronics: DAE3 Sn520
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: 2022-02-17; Ambient Temp: 21.2; Tissue Temp: 21.1

5600 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 = 0.12 dB
Peak SAR (extrapolated) = 38.8 W/kg
SAR(1 g) = 8.88 W/kg; SAR(10 g) = 2.55 W/kg



0 dB = 26.2 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

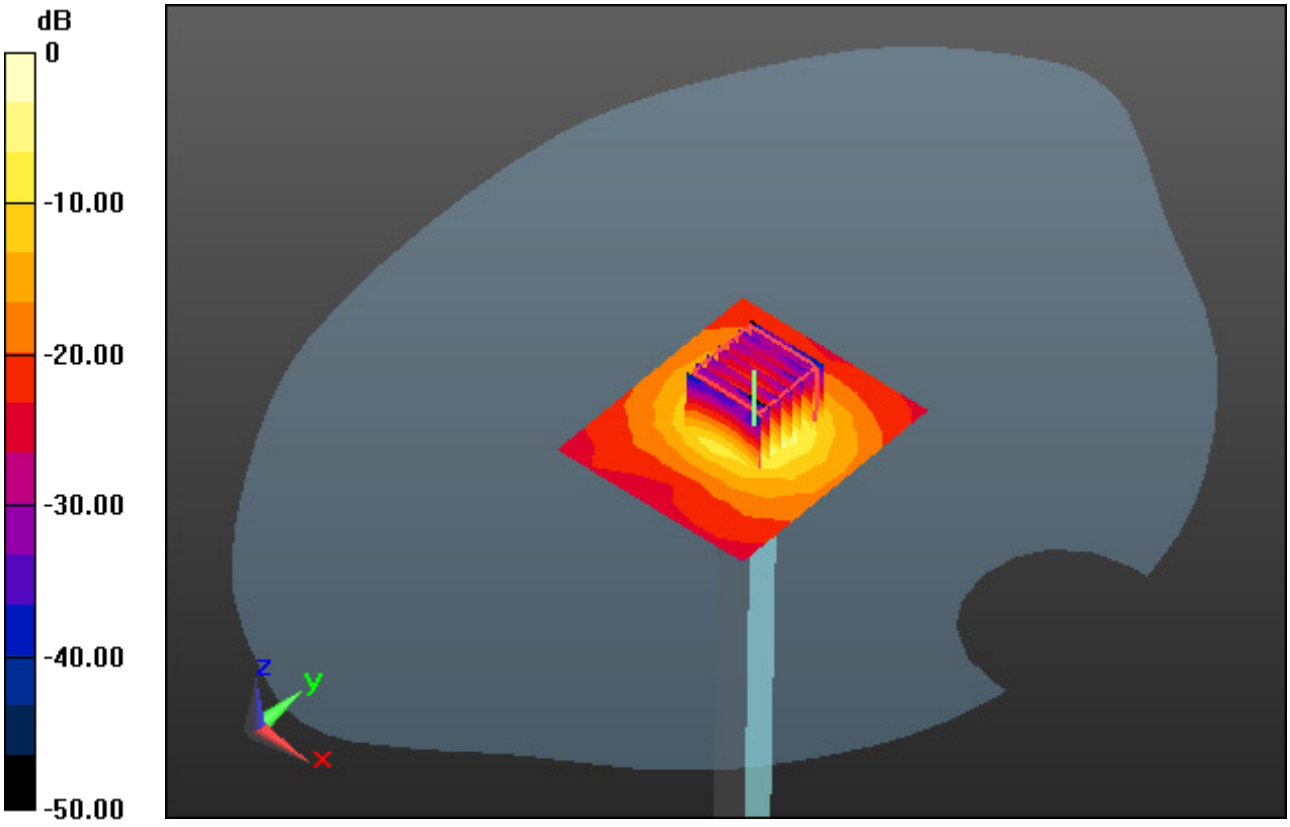
Medium parameters used: f = 5800 MHz; σ = 5.384 S/m; ε_r = 34.668; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.85, 4.85, 4.85); Calibrated: 7/26/2021 Electronics: DAE3 Sn520
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: 2022-02-18; Ambient Temp: 21.4; Tissue Temp: 21.3

5800 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 = 0.07 dB
Peak SAR (extrapolated) = 33.2 W/kg
SAR(1 g) = 8.53 W/kg; SAR(10 g) = 2.41 W/kg



0 dB = 17.9 W/kg

DT&C Co., Ltd.

DUT: LK-P20IIW3; Type: Mobile Printer

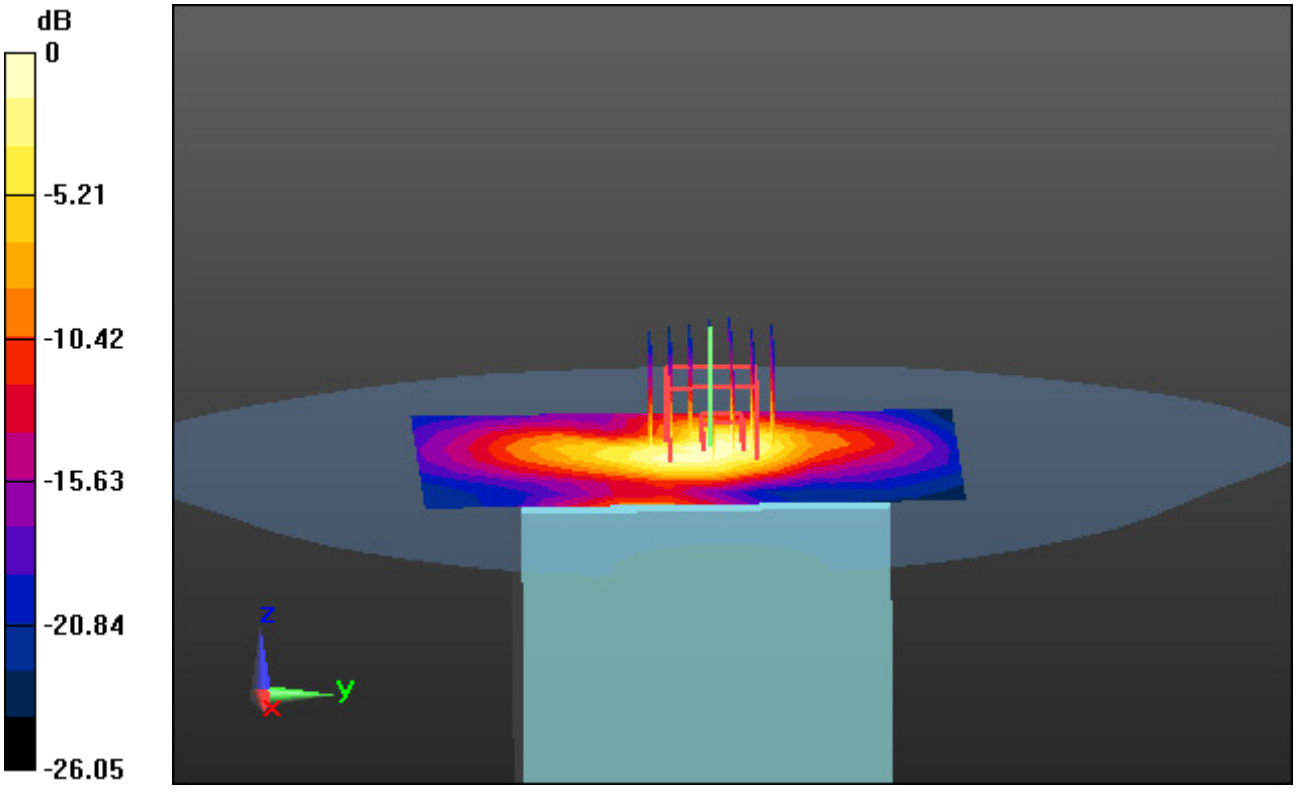
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.794 S/m; ε_r = 39.107; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.69, 7.69, 7.69); Calibrated: 7/26/2021 Electronics: DAE3 Sn520
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: 2022-02-15 Ambient Temp: 21.5 Tissue Temp: 21.4

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

Area Scan (9x12x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.352 W/kg



0 dB = 1.01 W/kg

DT&C Co., Ltd.

DUT: LK-P20IIW3; Type: Mobile Printer

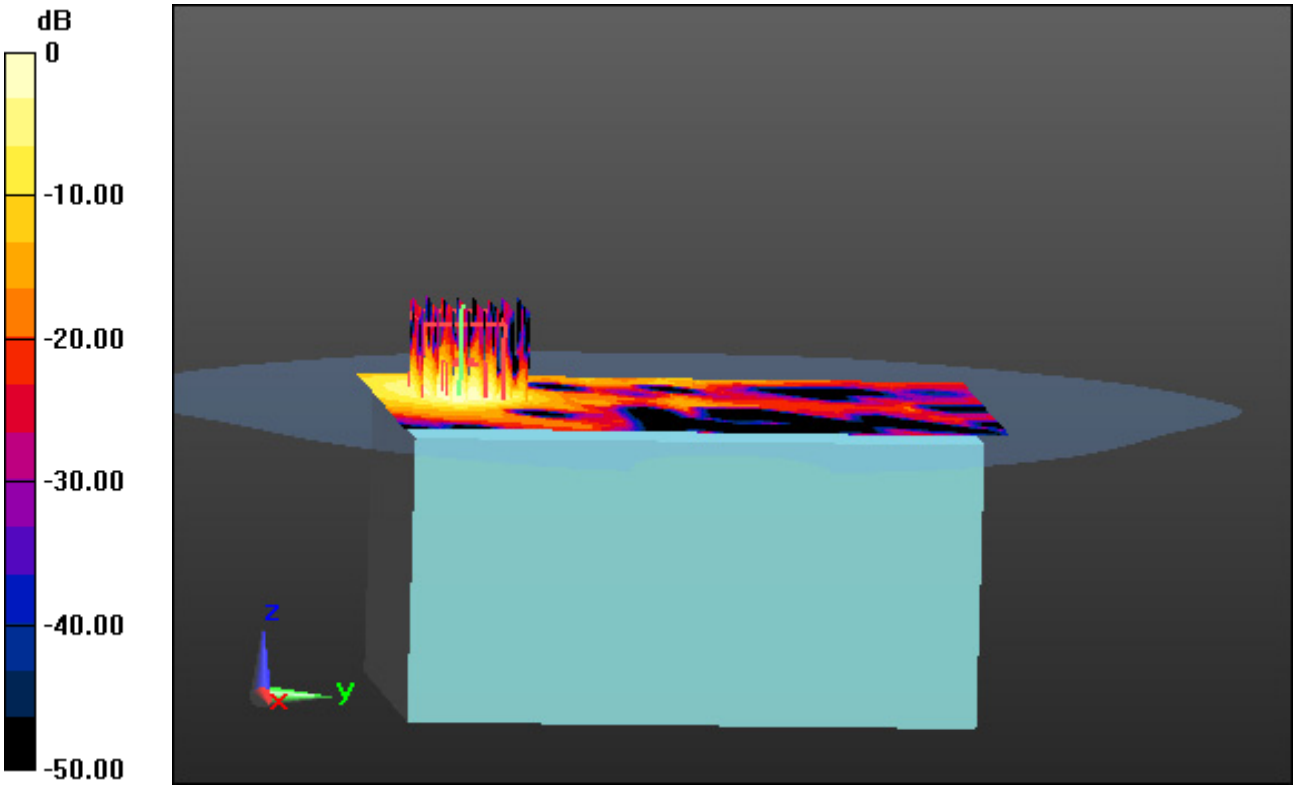
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 4.834 S/m; ε_r = 35.797; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(5.38, 5.38, 5.38); Calibrated: 7/26/2021 Electronics: DAE3 Sn520
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: 2022-02-16 Ambient Temp: 21.3; Tissue Temp: 21.2

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

Area Scan (11x17x1): 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) = 0.940 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.077 W/kg



0 dB = 0.537 W/kg

DUT: LK-P20IIW3; Type: Mobile Printer

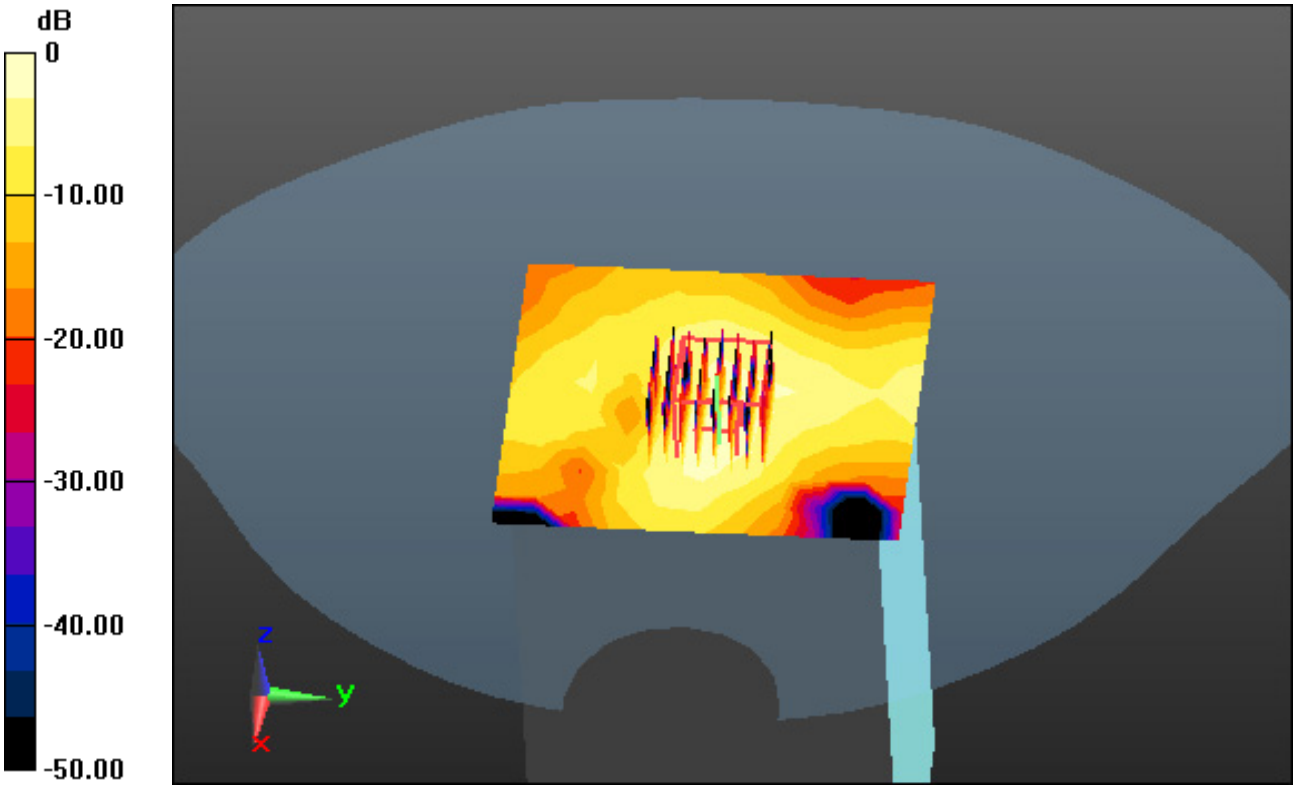
Communication System: UID 0, W-LAN 5G (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.249 S/m; ε_r = 35.654; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.9, 4.9, 4.9); Calibrated: 7/26/2021 Electronics: DAE3 Sn520
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: 2022-02-17; Ambient Temp: 21.2; Tissue Temp: 21.1

Touch from Body, Bottom, WLAN(802.11a) Ch. 120, Ant Internal

Area Scan (10x11x1): 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) = 1.81 W/kg
SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.146 W/kg



0 dB = 1.03 W/kg

DT&C Co., Ltd.

DUT: LK-P20IIW3; Type: Mobile Printer

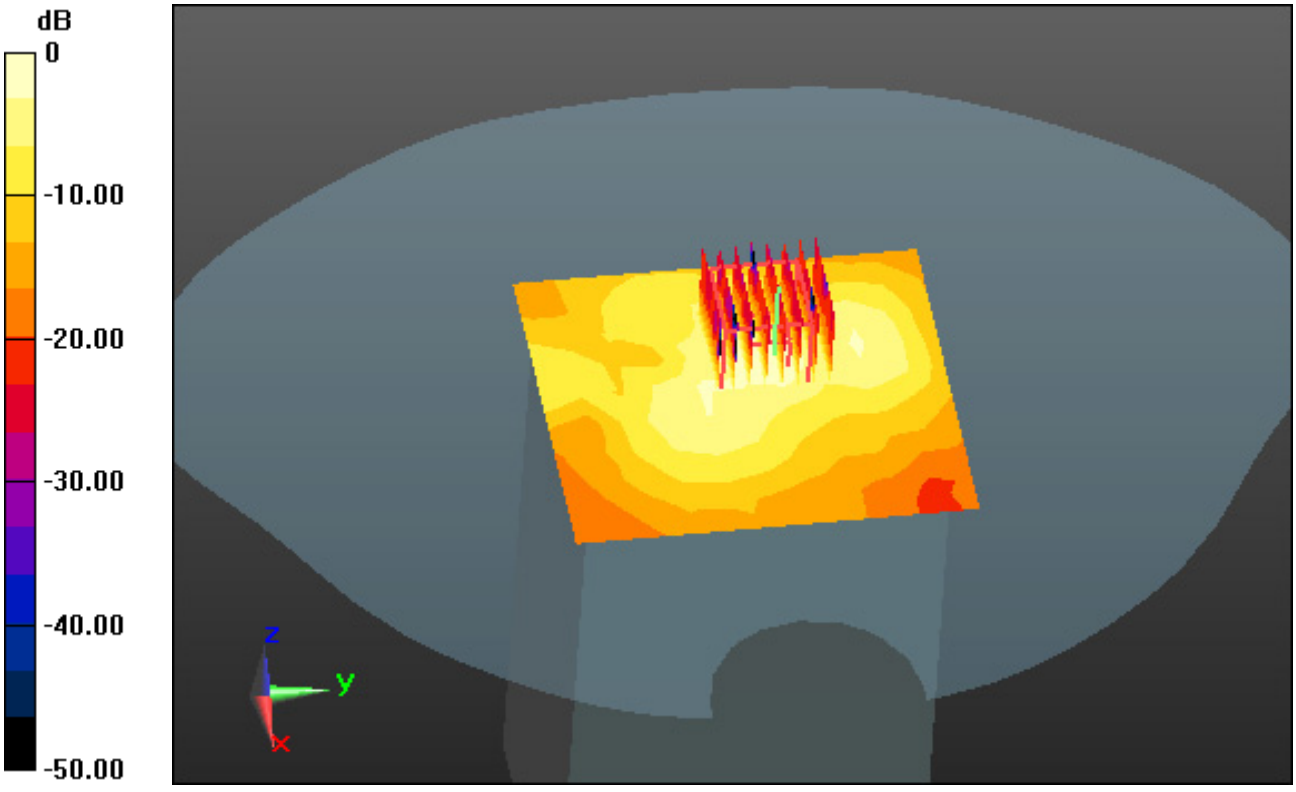
Communication System: UID 0, W-LAN 5G (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.319 S/m; ε_r = 34.774; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.85, 4.85, 4.85); Calibrated: 7/26/2021 Electronics: DAE3 Sn520
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: 2022-02-18; Ambient Temp: 21.4; Tissue Temp: 21.3

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

Area Scan (10x11x1): 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) = 1.33 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.113 W/kg



0 dB = 0.751 W/kg