SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

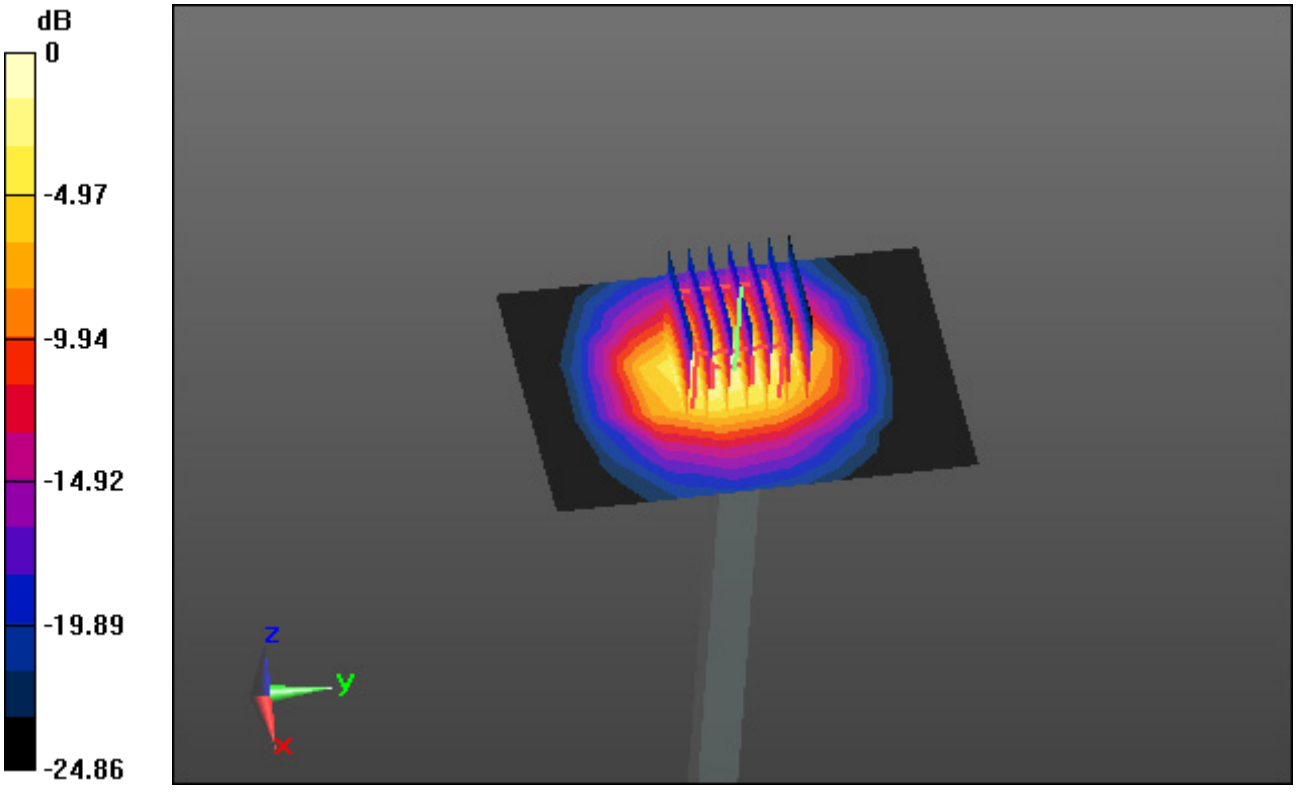
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.779 S/m; ε_r = 39.603; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 1/27/2021 Electronics: DAE3 Sn479
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-29; Ambient Temp: 21.6; Tissue Temp: 21.5

2450 MHz System Verification (100 mW)

Area Scan (8x12x1): 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) = 11.6 W/kg
SAR(1 g) = 5.3 W/kg; SAR(10 g) = 2.45 W/kg



0 dB = 8.75 W/kg

DT&C Co., Ltd.

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

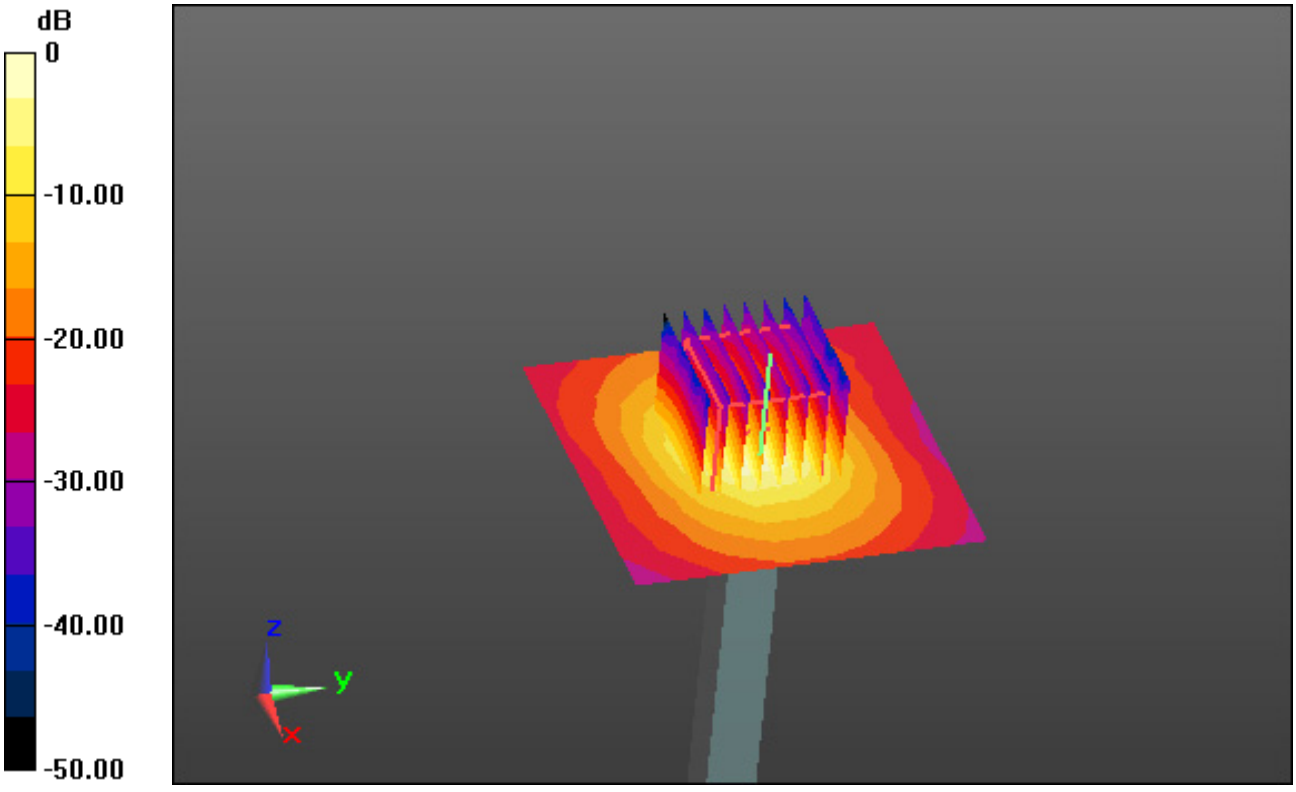
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.712 S/m; ε_r = 35.306; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.46, 5.46, 5.46); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (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: 2021-11-30; Ambient Temp: 22.2; Tissue Temp: 22.1

5300 MHz System Verification (100 mW)

Area Scan (8x8x1): 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) = 34.9 W/kg
SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 18.6 W/kg

DT&C Co., Ltd.

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

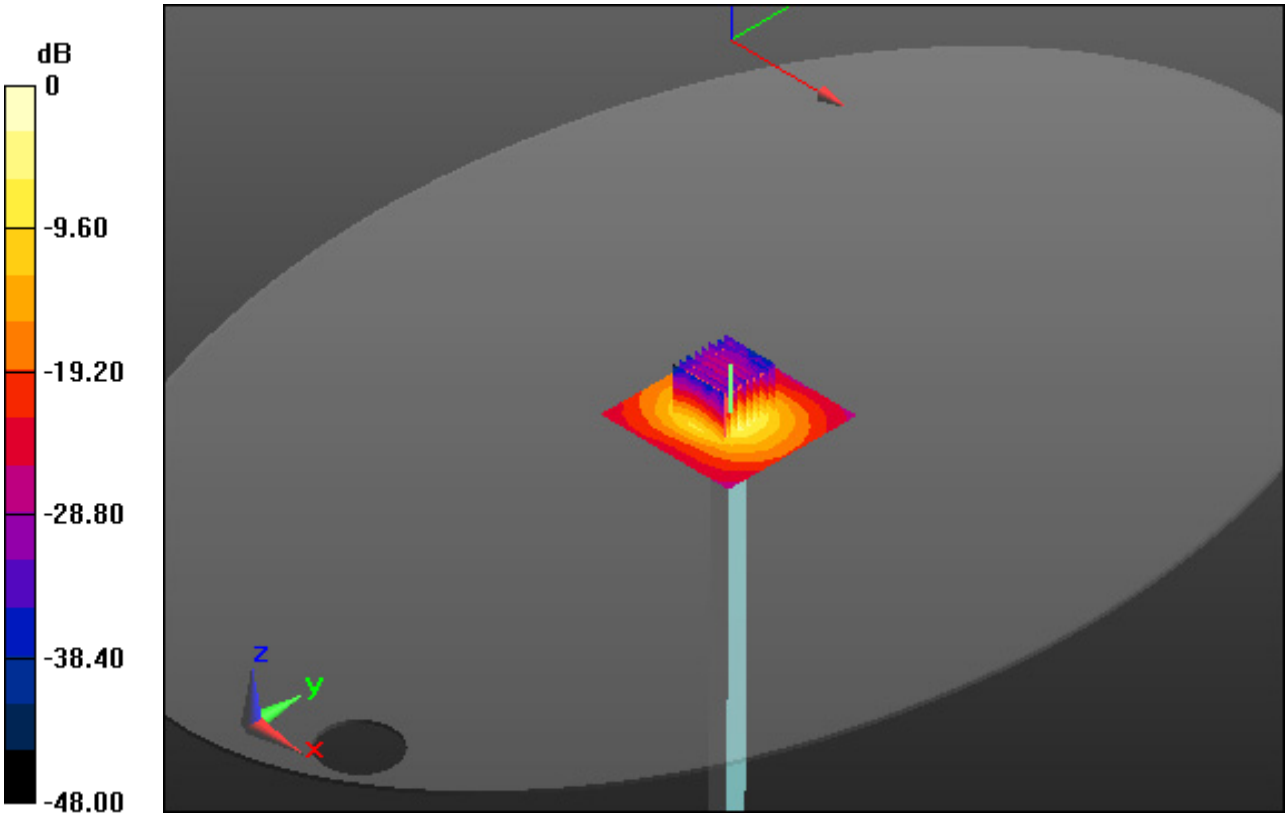
Communication System: UID 0, CW (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.922 S/m; ε_r = 34.848; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.1, 5.1, 5.1); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (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: 2021-12-01; Ambient Temp: 21.3; Tissue Temp: 21.2

5500 MHz System Verification (100 mW)

Area Scan (8x8x1): 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) = 39.9 W/kg
SAR(1 g) = 8.75 W/kg; SAR(10 g) = 2.52 W/kg



0 dB = 23.9 W/kg

DT&C Co., Ltd.

DUT: KC-T304C; Type: Tablet

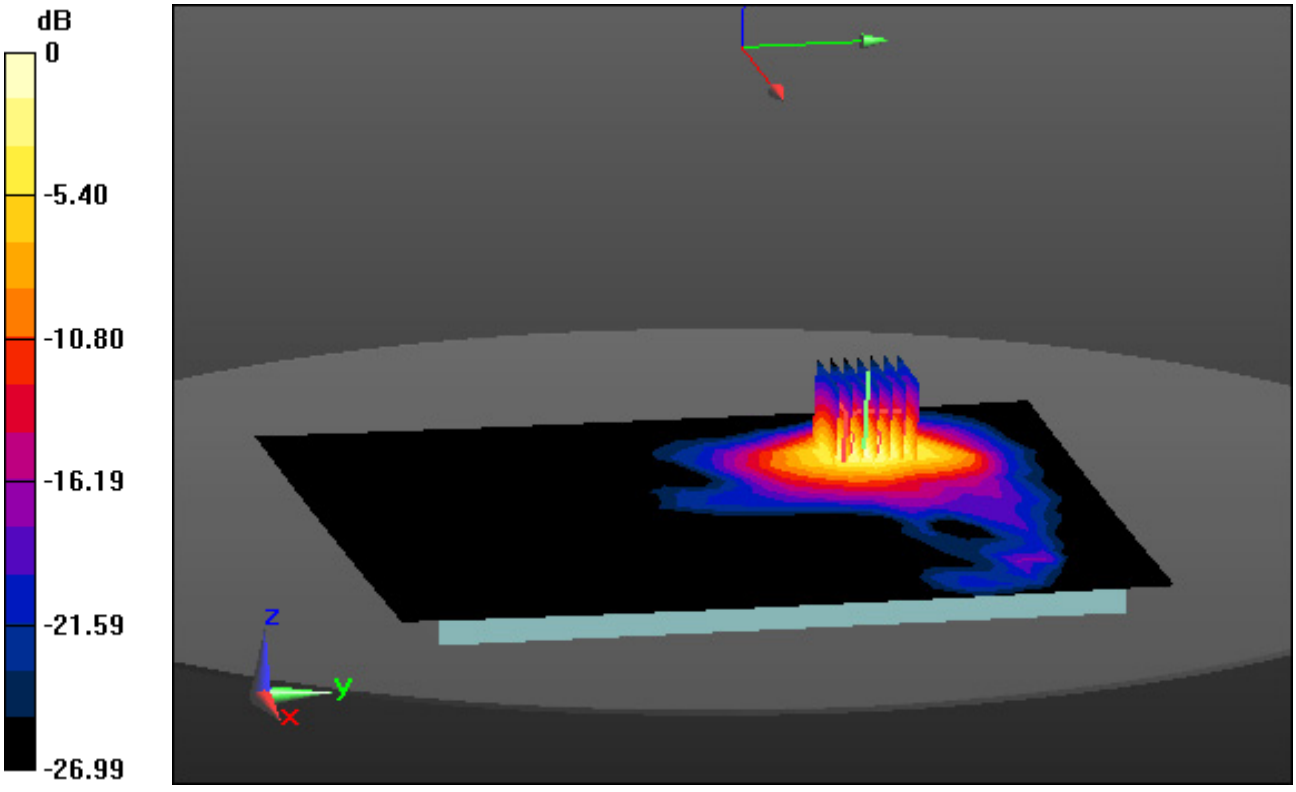
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.792 S/m; ε_r = 39.567; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 1/27/2021 Electronics: DAE3 Sn479
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-29; Ambient Temp: 21.6; Tissue Temp: 21.5

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

Area Scan (17x25x1): 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) = 2.81 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.439 W/kg



0 dB = 1.39 W/kg

DT&C Co., Ltd.

DUT: KC-T304C; Type: Tablet

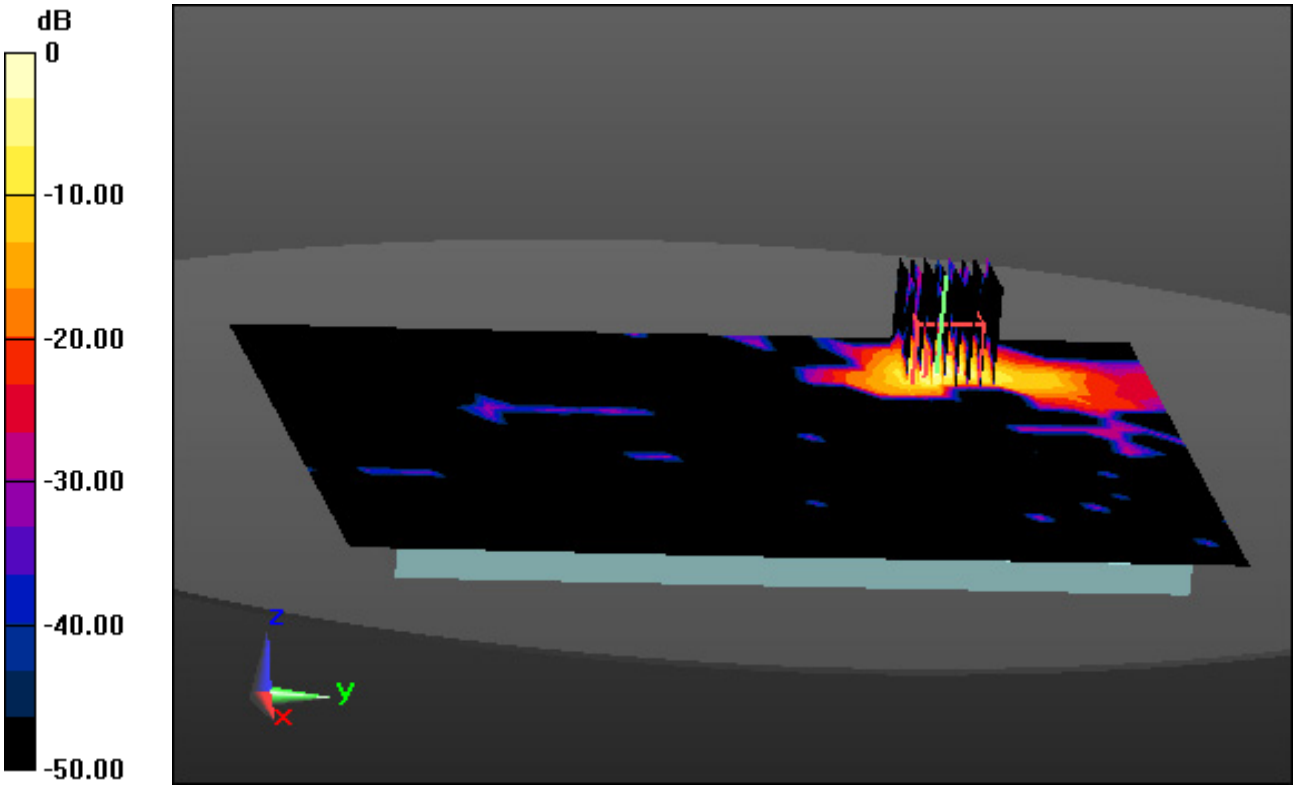
Communication System: UID 0, 5 GHz W-LAN(KC) (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.702 S/m; ε_r = 35.324; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.46, 5.46, 5.46); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (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: 2021-11-30; Ambient Temp: 22.2; Tissue Temp: 22.1

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

Area Scan (21x30x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.132 W/kg



0 dB = 1.53 W/kg

DUT: KC-T304C; Type: Tablet

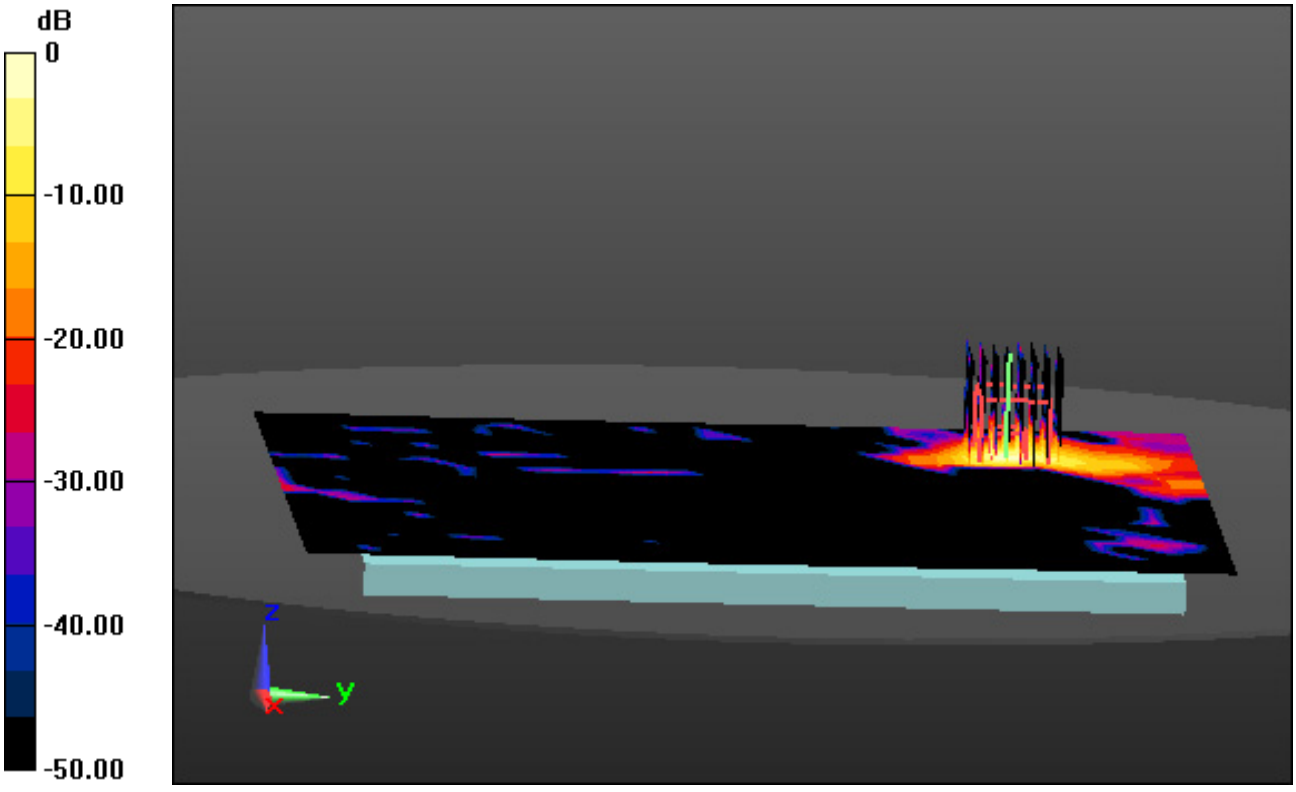
Communication System: UID 0, 5 GHz W-LAN(KC) (0); Frequency: 5530 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5530 MHz; σ = 4.957 S/m; ε_r = 34.785; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(5.1, 5.1, 5.1); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (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: 2021-12-01; Ambient Temp: 21.3; Tissue Temp: 21.2

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

Area Scan (21x30x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.100 W/kg



0 dB = 1.24 W/kg

DT&C Co., Ltd.

DUT: KC-T304C; Type: Tablet

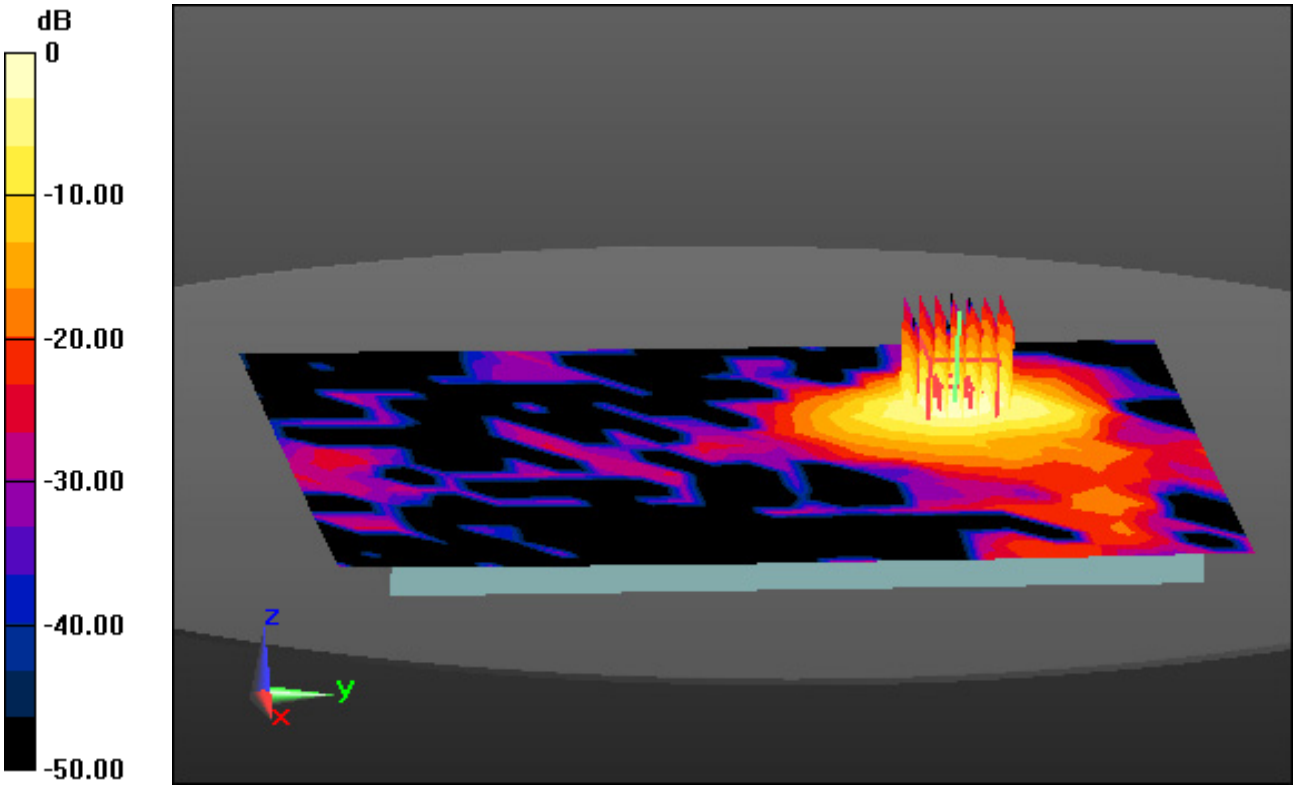
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.769 S/m; ε_r = 39.633; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 1/27/2021 Electronics: DAE3 Sn479
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-29; Ambient Temp: 21.6; Tissue Temp: 21.5

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

Area Scan (17x25x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.079 W/kg



0 dB = 0.258 W/kg