SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

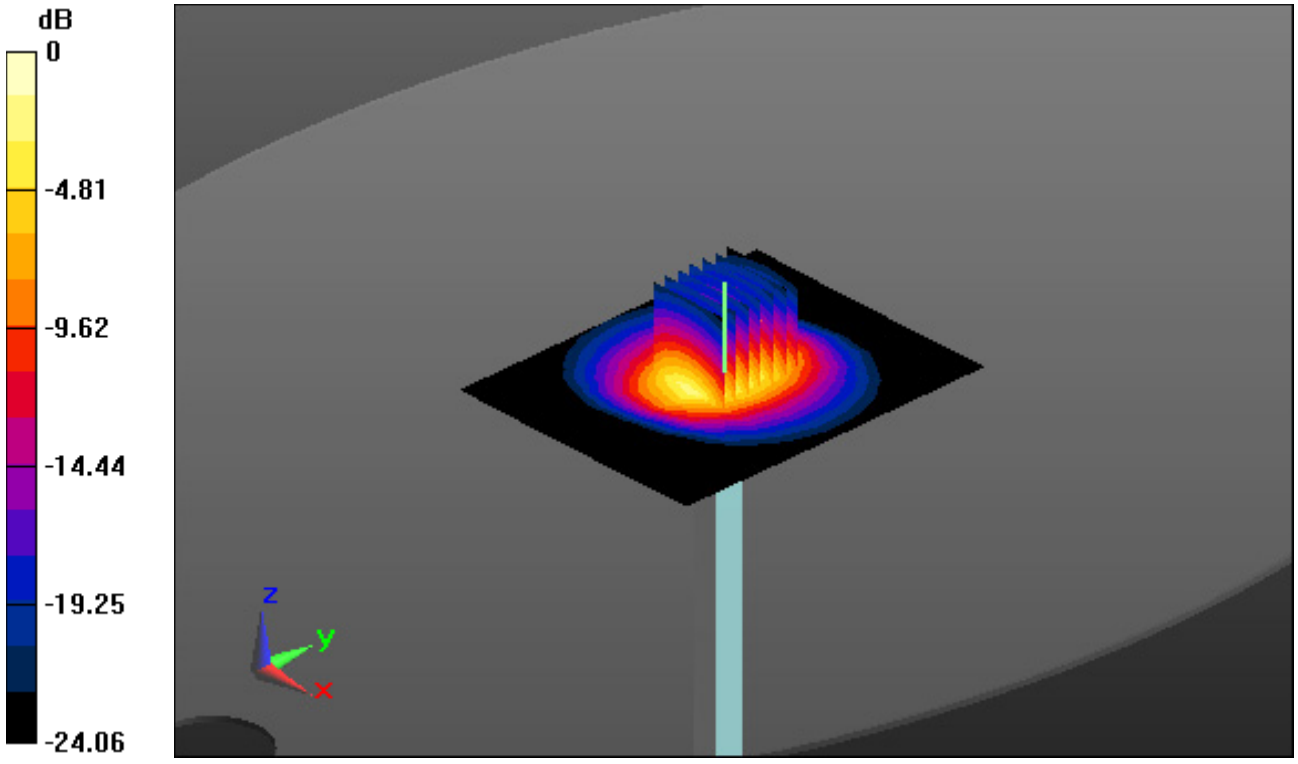
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.861 S/m; ε_r = 38.146; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2) @ 2450 MHz; Calibrated: 5/27/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-05-04; Ambient Temp: 19.9; Tissue Temp: 19.7

2450 MHz System Verification (100 mW)

Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.49 W/kg



0 dB = 8.9 W/kg

DT&C Co., Ltd.

DUT: SP99; Type: Bluetooth Headset

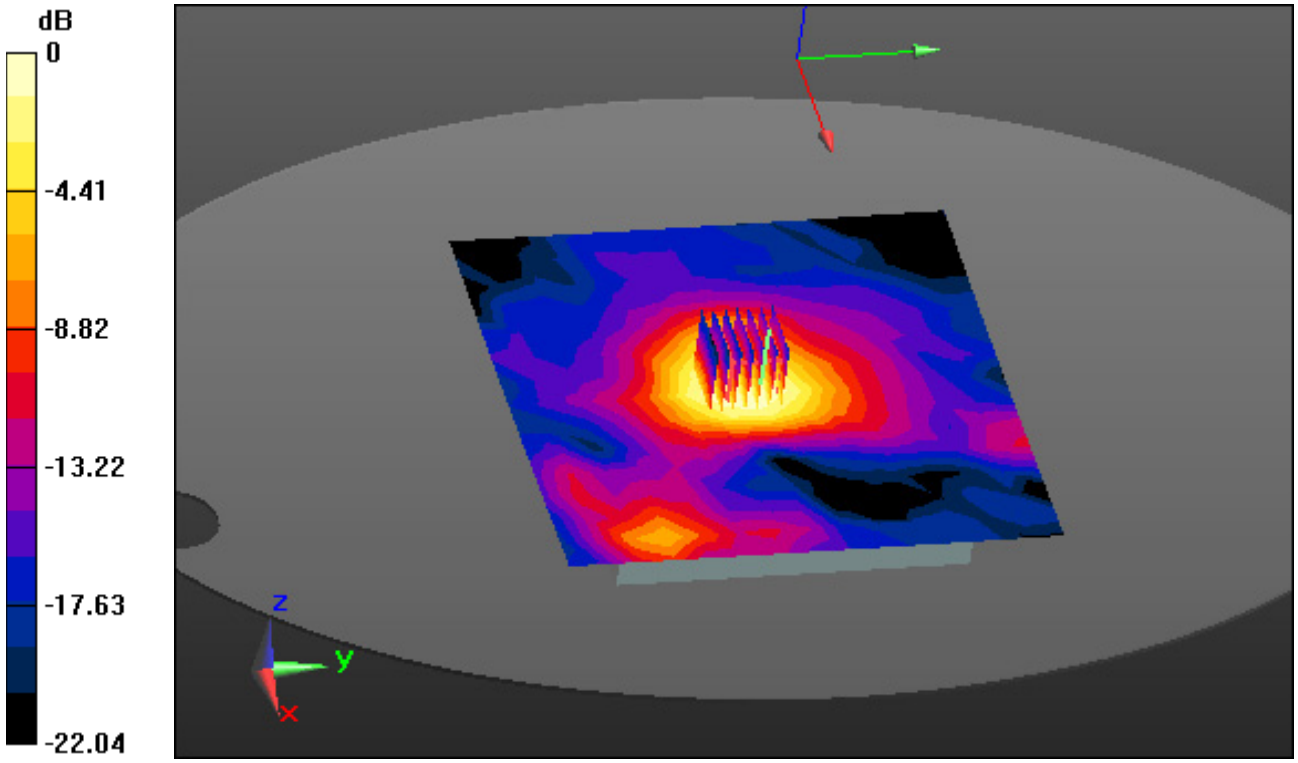
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.85 S/m; ε_r = 38.175; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2) @ 2441 MHz; Calibrated: 5/27/2020 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-05-04; Ambient Temp: 19.9; Tissue Temp: 19.7

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

Area Scan (15x15x1): 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) = 0.976 W/kg
SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.291 W/kg



0 dB = 0.756 W/kg