SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

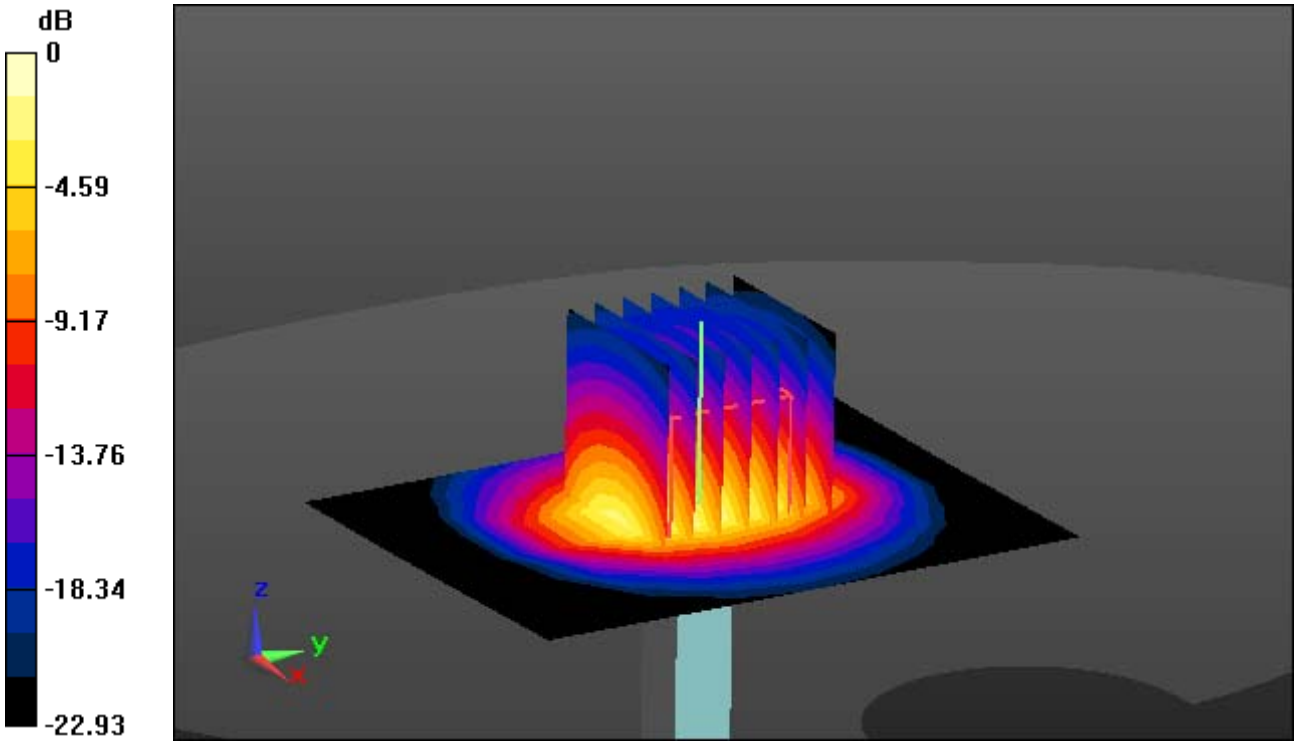
Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.811 S/m; ε_r = 40.058; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.75, 7.75, 7.75) @ 2450 MHz; Calibrated: 4/27/2020 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-07-21; Ambient Temp: 21.3; Tissue Temp: 21.2

2450 MHz System Verification(100mW)

Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 5.25 W/kg; SAR(10 g) = 2.42 W/kg



0 dB = 8.04 W/kg

DT&C Co., Ltd.

DUT: SP84; Type: Bluetooth Headset

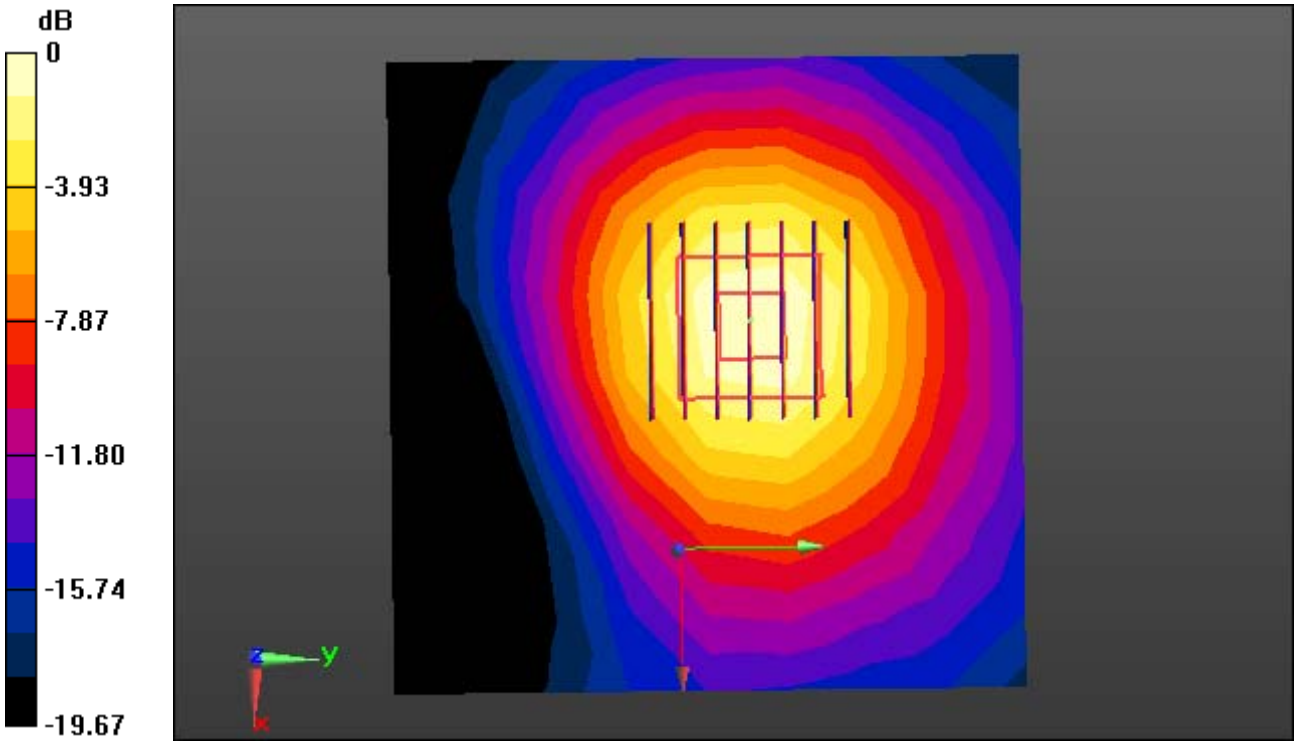
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.8 S/m; ε_r = 40.084; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.75, 7.75, 7.75) @ 2441 MHz; Calibrated: 4/27/2020 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-07-21; Ambient Temp: 21.3; Tissue Temp: 21.2

1 cm space from Body, Front, Bluetooth 1Mbps Ch. 39, 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 = -0.08 dB
Peak SAR (extrapolated) = 0.436 W/kg
SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.125 W/kg



0 dB = 0.338 W/kg