SAR Plots

- Verification Plots
- SAR Test Plots

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

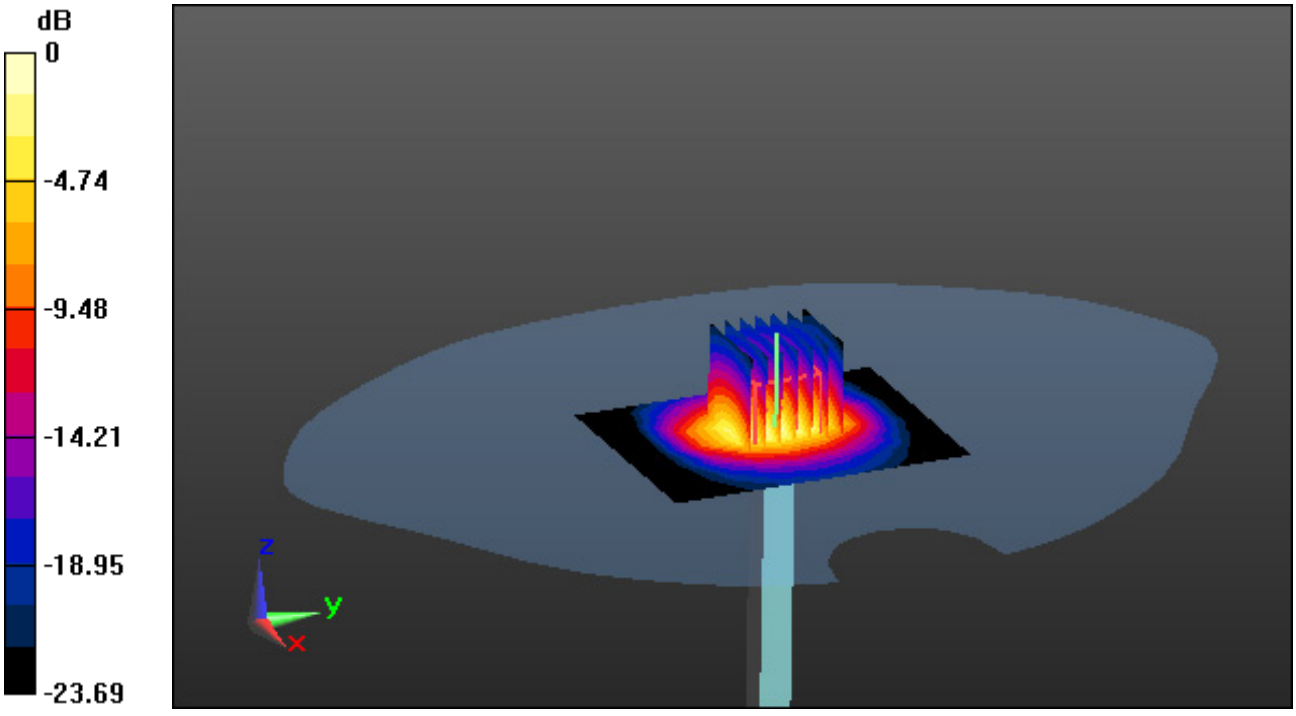
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.843 S/m; ε_r = 39.693; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.43, 7.43, 7.43); Calibrated: 5/31/2021 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-03-25; Ambient Temp: 20.3; Tissue Temp: 20.5

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 = 0.11 dB
Peak SAR (extrapolated) = 11.0 W/kg
SAR(1 g) = 5.13 W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 7.57 W/kg

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DUT: SP111; Type: Headset

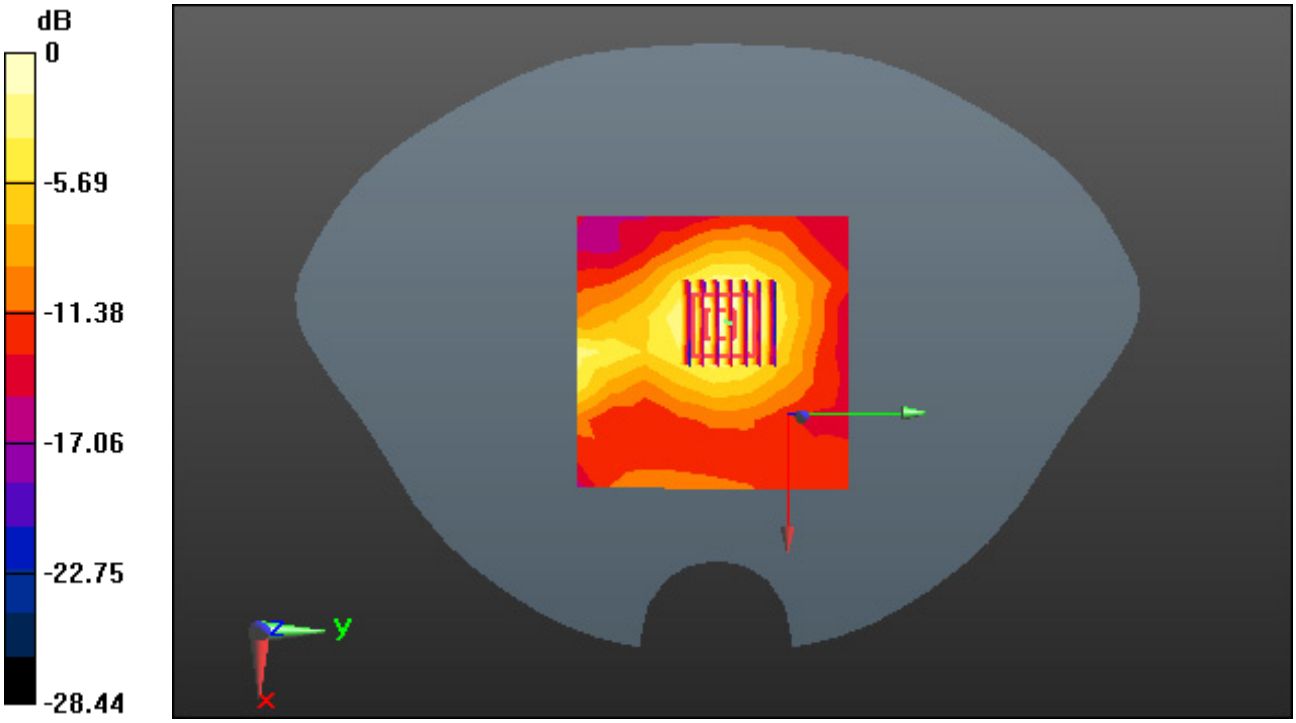
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.832 S/m; ε_r = 39.714; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(7.43, 7.43, 7.43); Calibrated: 5/31/2021 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-03-25; Ambient Temp: 20.3; Tissue Temp: 20.5

1 cm space from Body, Rear, Bluetooth 1 Mbps 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 = -0.03 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.066 W/kg



0 dB = 0.191 W/kg