SAR Plots

- Verification Plots
- SAR Test Plots

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DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:1d146

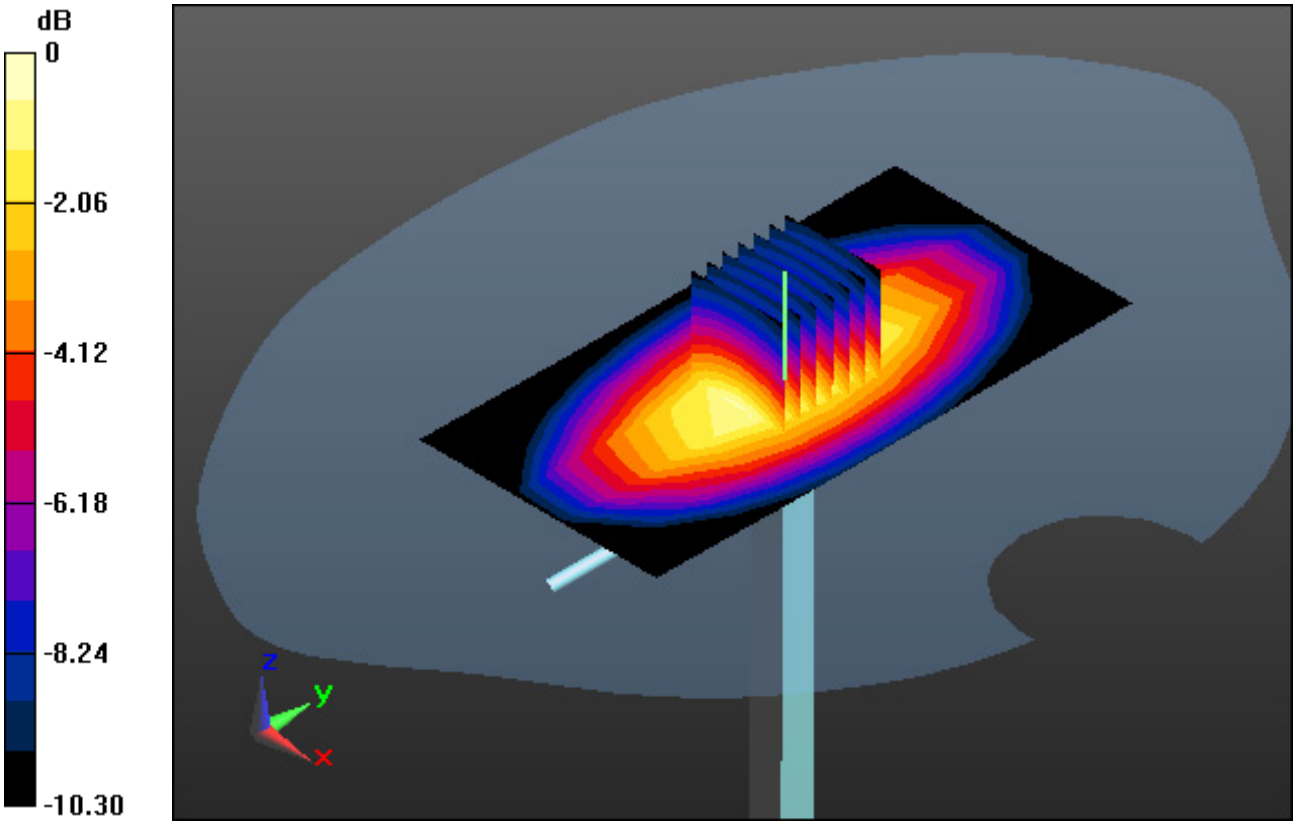
Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 900 MHz; σ = 1.077 S/m; ε_r = 53.889; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.14, 10.14, 10.14); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-04-09; Ambient Temp: 20.7; Tissue Temp: 20.9

900 MHz System Verification (250 mW)

Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.98 W/kg
SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.75 W/kg



0 dB = 2.93 W/kg

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DUT: ASR-L251G-XX; Type: Gun

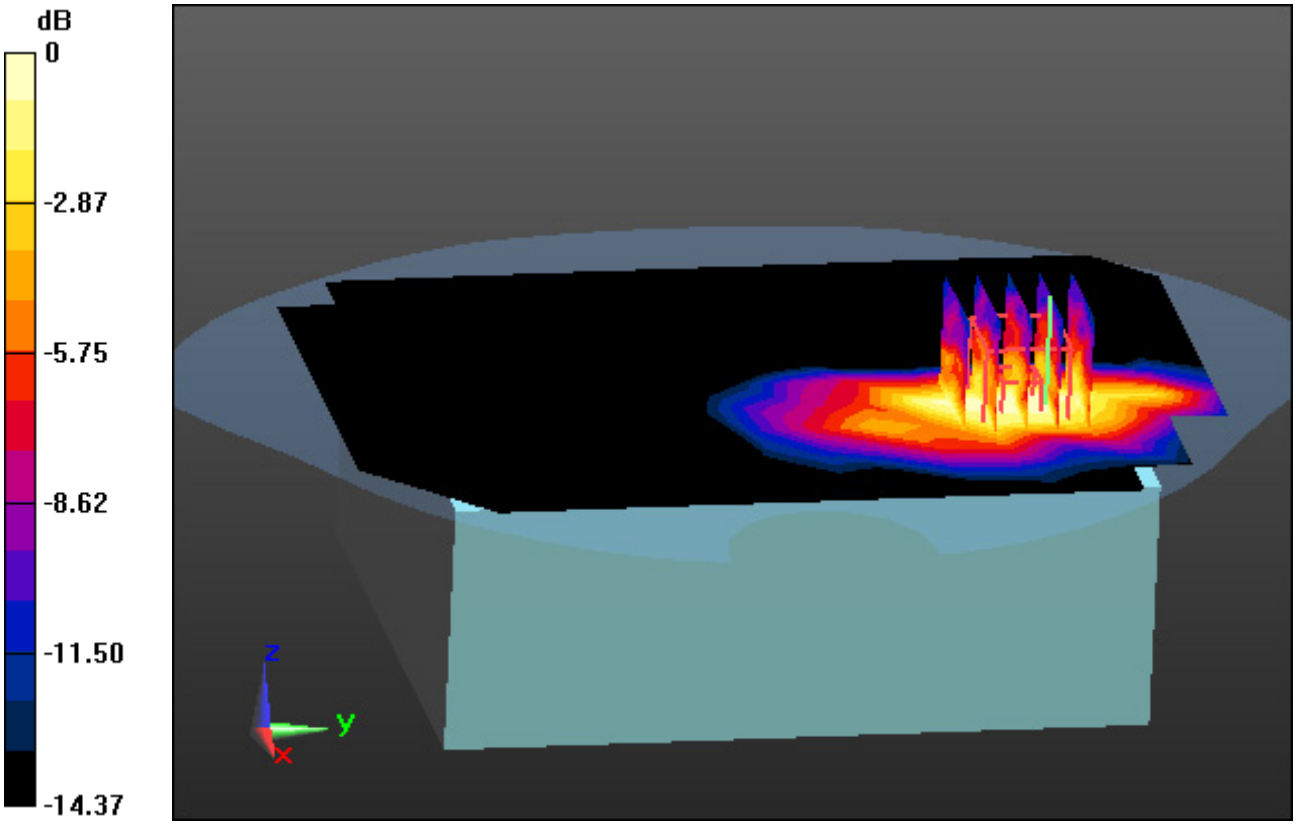
Communication System: UID 0, RFID (0); Frequency: 914.75 MHz;Duty Cycle: 1:3.817
Medium parameters used (interpolated): f = 914.75 MHz; σ = 1.092 S/m; ε_r = 53.773; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.14, 10.14, 10.14); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-04-09; Ambient Temp: 20.7; Tissue Temp: 20.9

Touch from Body, Right, RFID Ch. 25, Ant Internal

Area Scan (11x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 7.61 W/kg
SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.66 W/kg



0 dB = 3.84 W/kg