SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:1d175

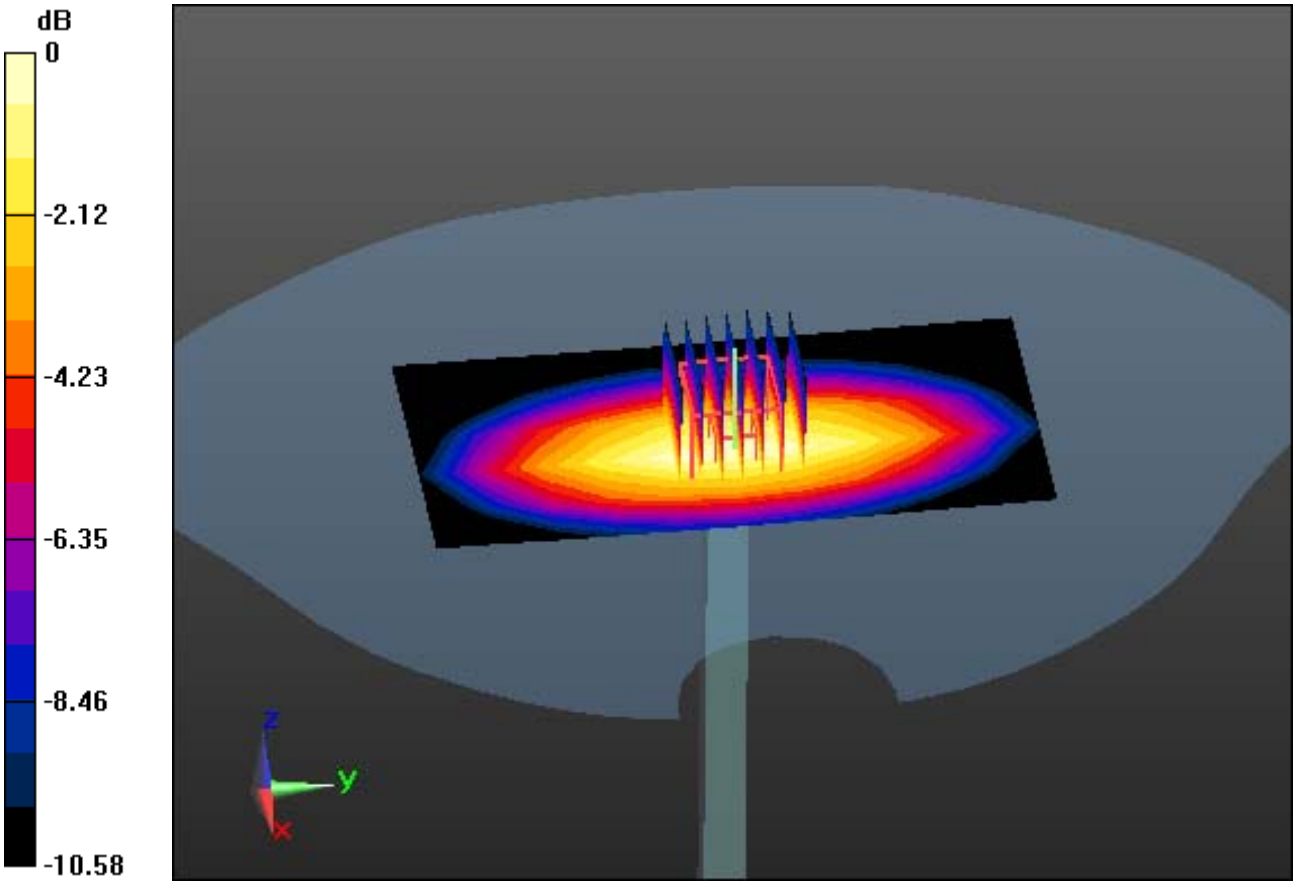
Communication System: UID 0, CW (0); Frequency: 900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 900 MHz; σ = 1.066 S/m; εr = 54.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 5/31/2018; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-03-14; Ambient Temp: 20.6; Tissue Temp: 21.0

900 MHz System Body Verification (250mW)

Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.81 W/kg
SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.64 W/kg



0 dB = 2.95 W/kg

DT&C Co., Ltd.

DUT: RFR900S; Type: gun

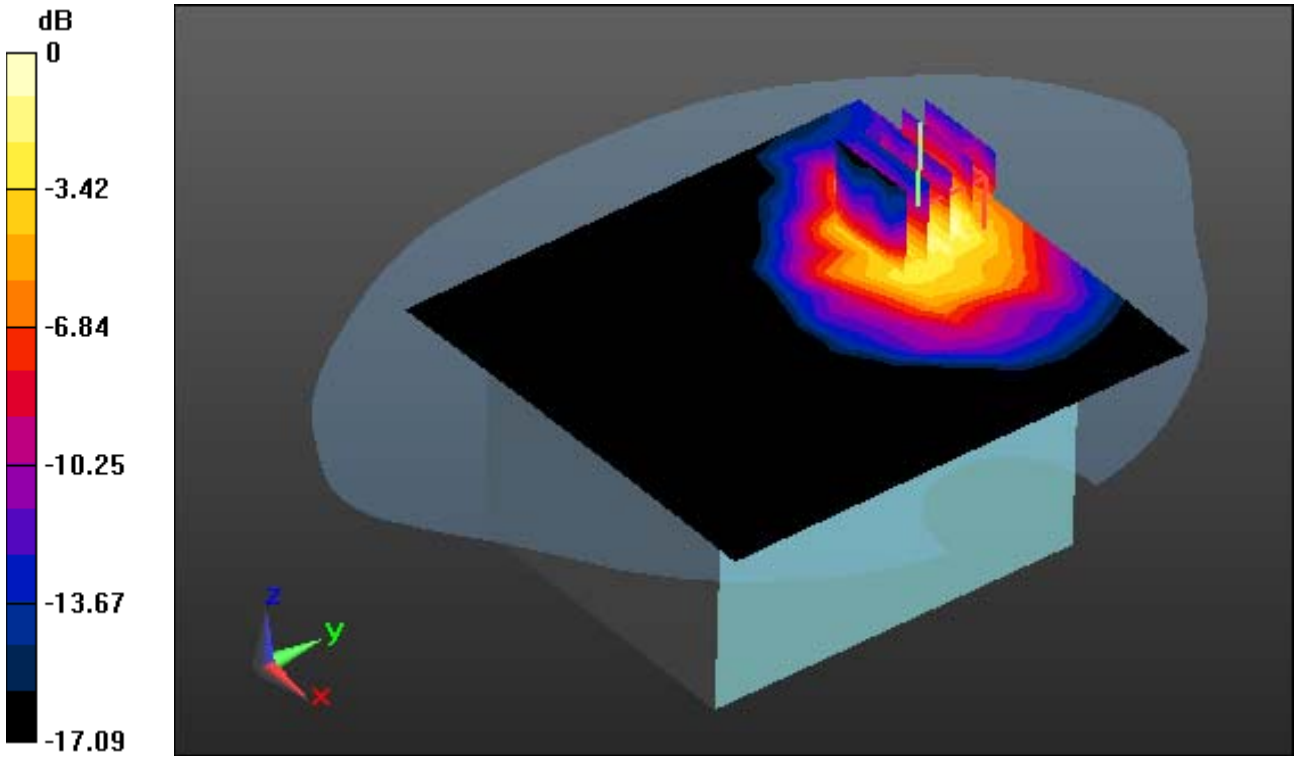
Communication System: UID 0, RFID(FCC) (0); Frequency: 914.75 MHz;Duty Cycle: 1:1.925
Medium parameters used (interpolated): f = 914.75 MHz; σ = 1.081 S/m; ε_r = 54.389; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(9.57, 9.57, 9.57); Calibrated: 5/31/2018; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-03-14; Ambient Temp: 20.6; Tissue Temp: 21.0

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

Area Scan (11x12x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.06 W/kg



0 dB = 2.81 W/kg