SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

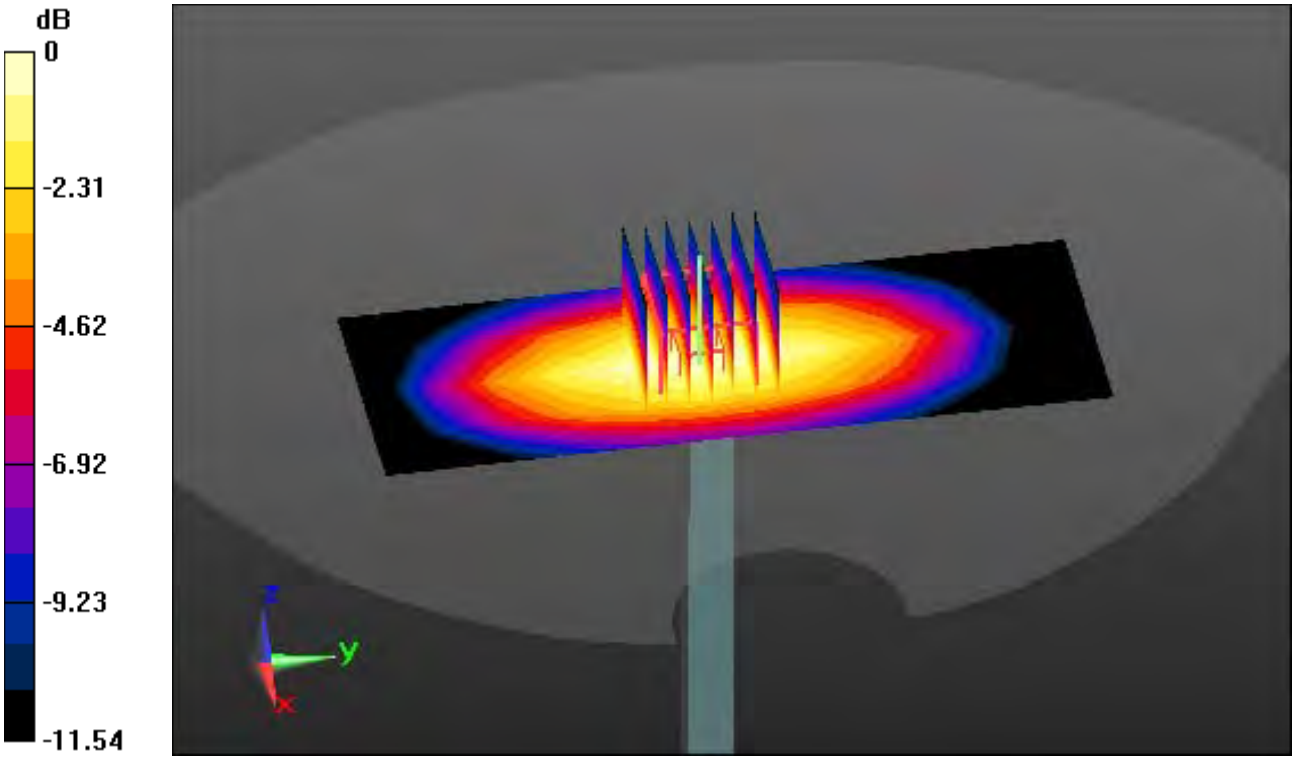
Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 900 MHz; σ = 1.071 S/m; ε_r = 54.828; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.13, 10.13, 10.13); Calibrated: 11/28/2017; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-08-16; Ambient Temp: 22.0; Tissue Temp: 22.3

900 MHz System Verification

Area Scan (5x12x1): 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) = 3.89 W/kg
SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.72 W/kg



0 dB = 3.51 W/kg

DT&C Co., Ltd.

DUT: ASR-X3XD; Type: Bar

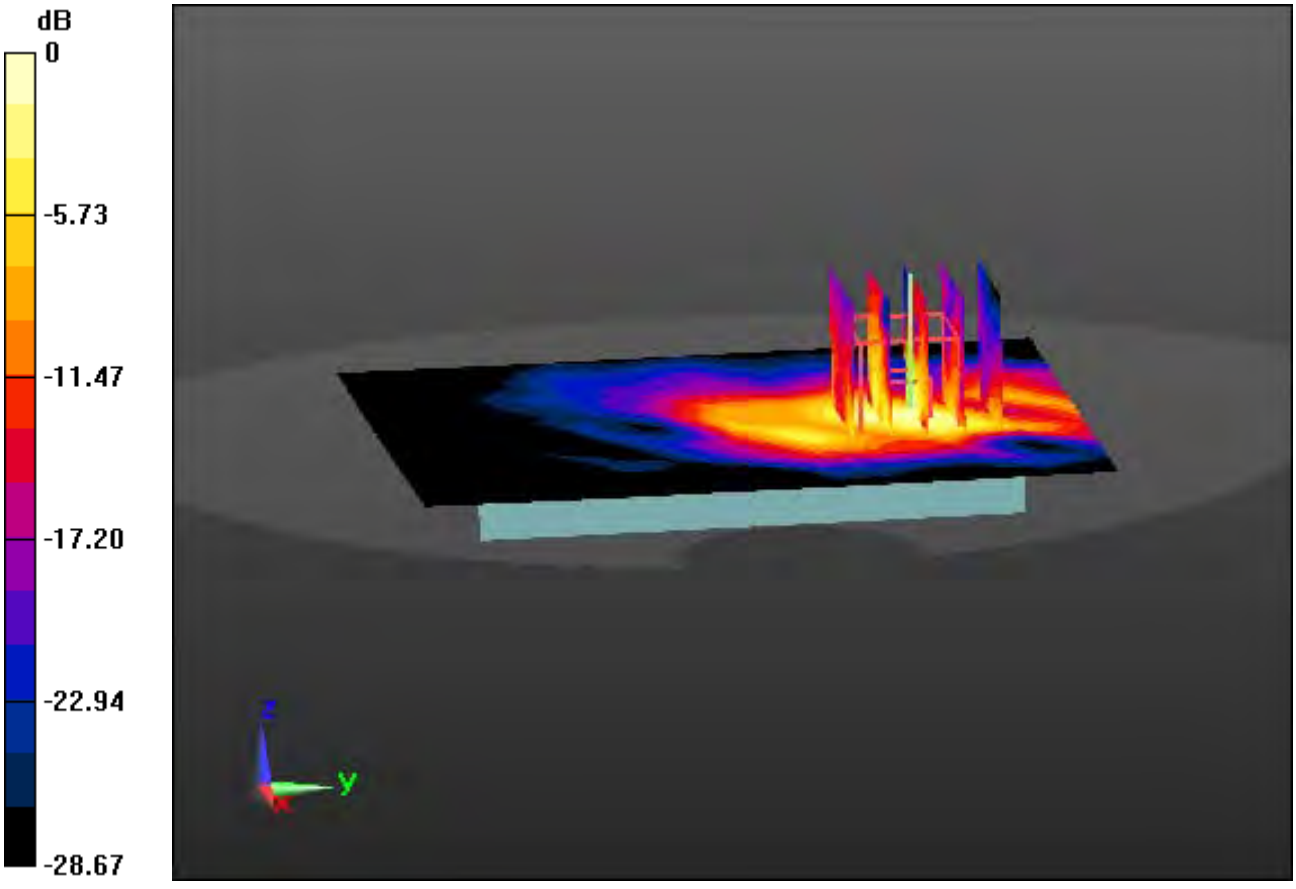
Communication System: UID 0, RFID(FCC) (0); Frequency: 921.9 MHz;Duty Cycle: 1:6
Medium parameters used: f = 921.9 MHz; σ = 1.095 S/m; ε_r = 54.625; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.13, 10.13, 10.13); Calibrated: 2017-11-28; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-08-16; Ambient Temp: 22.0; Tissue Temp: 22.3

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

Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.407 W/kg



0 dB = 2.03 W/kg