SAR Plots

- Verification Plots
- SAR Test Plots

Dt&C Co., Ltd.

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

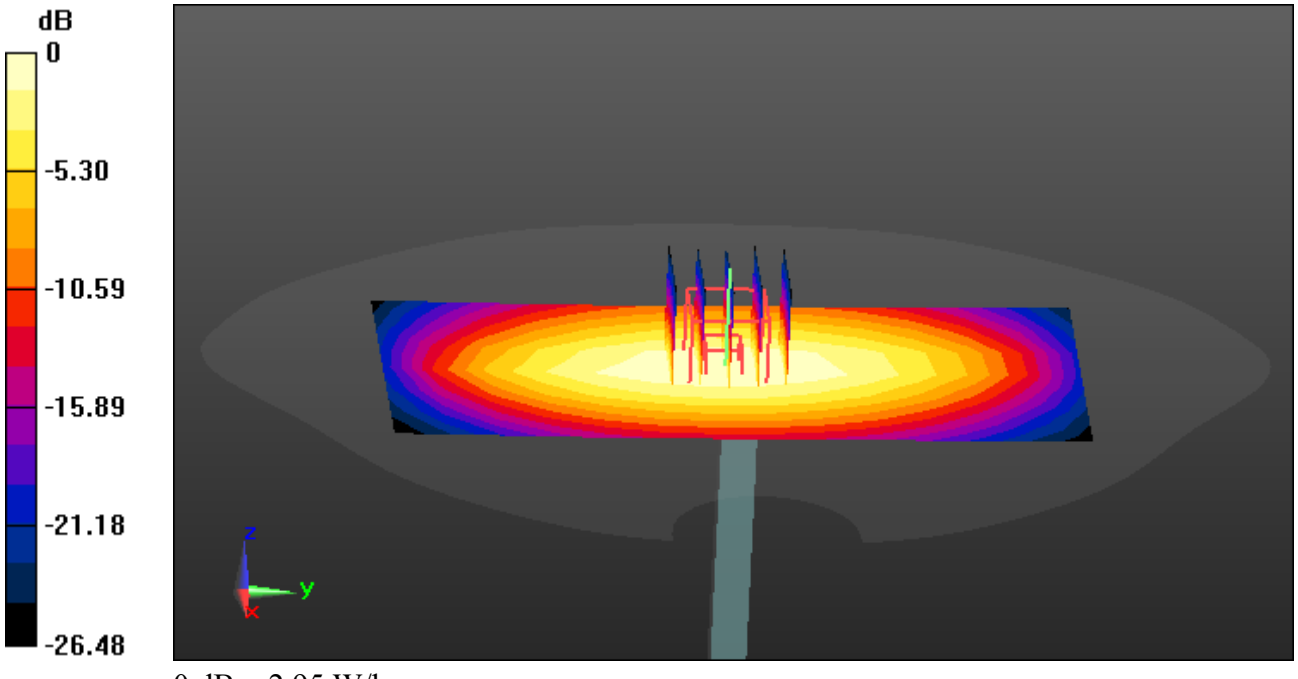
Communication System: UID 0, CW (0); Frequency: 900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 900 MHz; σ = 0.982 S/m; ε_r = 42.076; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.09, 5.85, 5.74); Calibrated: 1/22/2024 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-03-26; Ambient Temp: 21.3; Tissue Temp: 21.2

900 MHz System Verification (250 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 3.84 W/kg
SAR(1 g) = 2.73 W/kg; SAR(10 g) = 1.82 W/kg



0 dB = 2.95 W/kg

Dt&C Co., Ltd.

DUT: R-5710; Type: RFID Reader

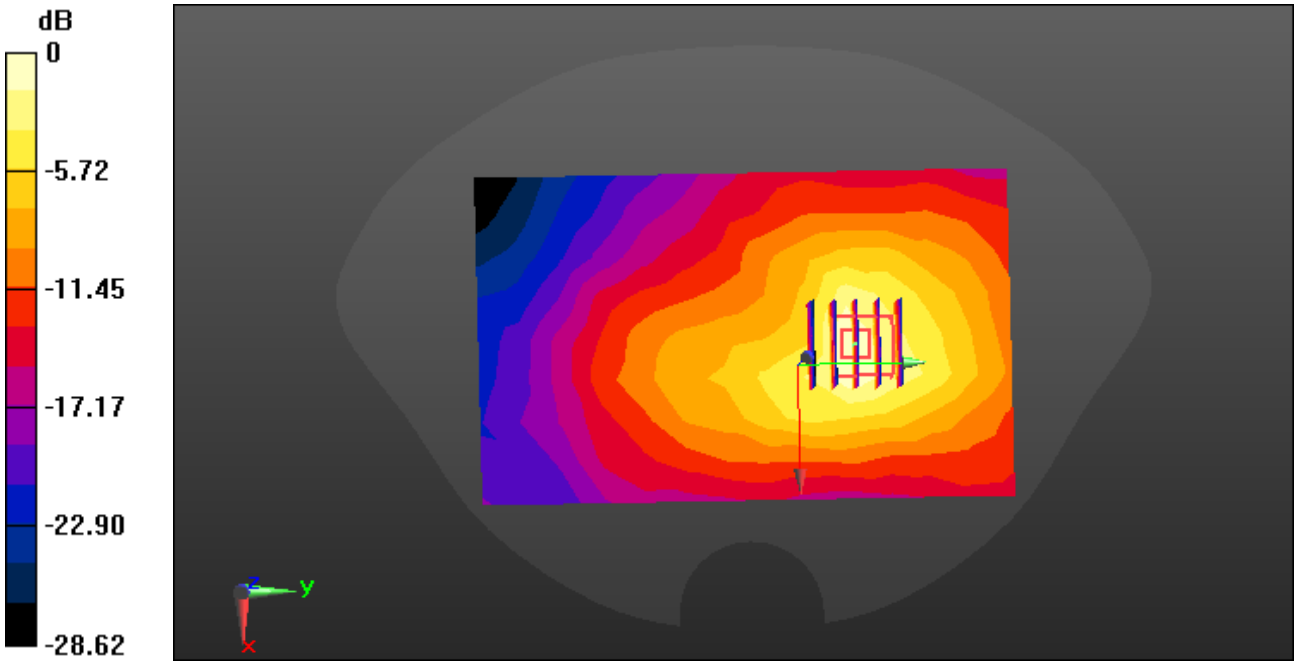
Communication System: UID 0, RFID(FCC) (0); Frequency: 915.25 MHz; Duty Cycle: 1:3.561
Medium parameters used: f = 915.25 MHz; σ = 0.984 S/m; ε_r = 41.199; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: ES3DV3 - SN3327; ConvF(6.09, 5.85, 5.74); Calibrated: 1/22/2024 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-03-26; Ambient Temp: 21.3; Tissue Temp: 21.2

Touch from Body, Rear #2, RFID Ch. 26, Ant. Internal

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.698 W/kg



0 dB = 1.45 W/kg