

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.849$ S/m; $\epsilon_r = 39.390$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.82, 4.82, 4.82); Calibrated: 2018-03-21; Electronics: DAE4 Sn1335

Sensor-Surface: 3mm (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: 2018-10-22; Ambient Temp: 21.2; Tissue Temp: 21.5

2450 MHz System Verification (100mW)

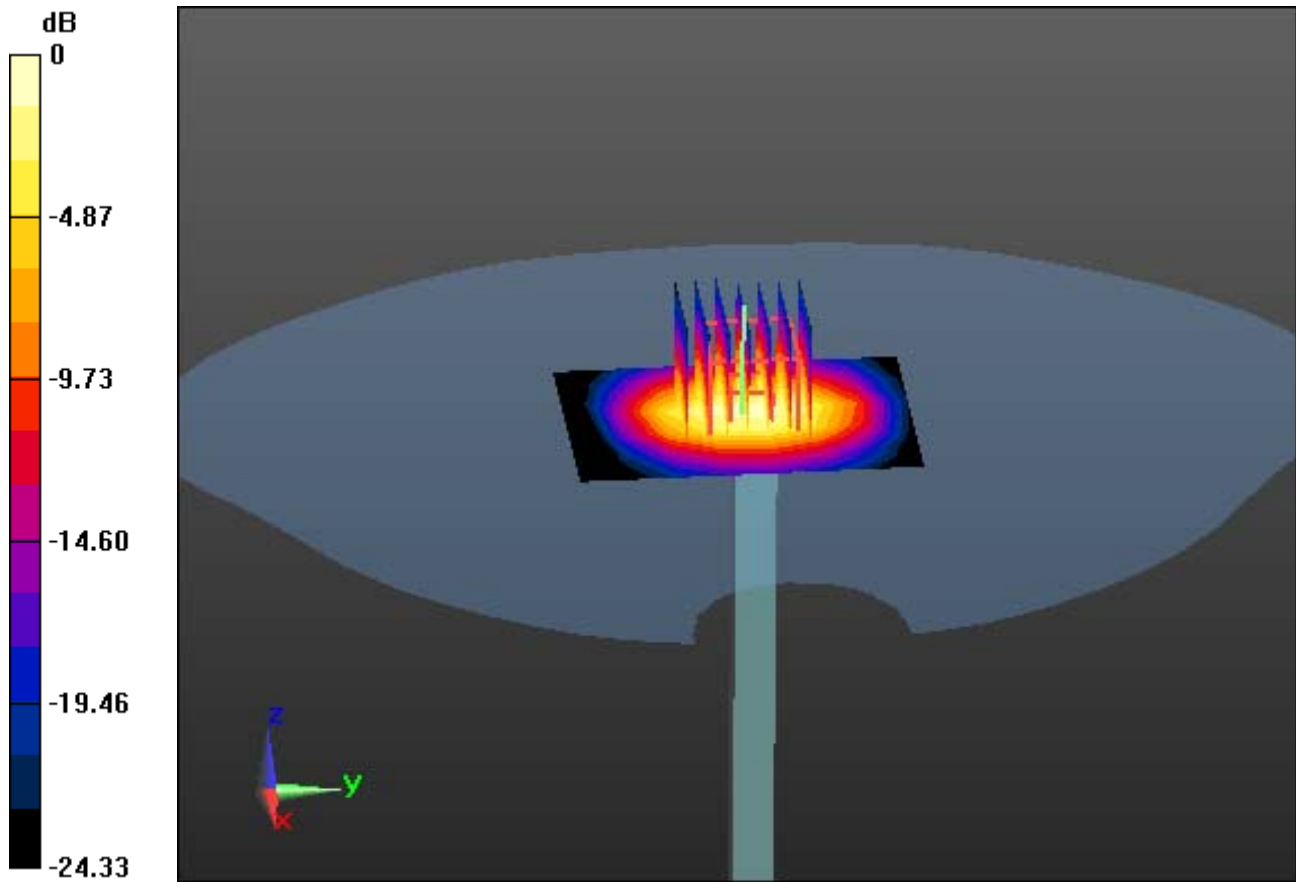
Area Scan (6x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 5.42 W/kg; SAR(10 g) = 2.47 W/kg



0 dB = 8.95 W/kg

DT&C Co., Ltd.

DUT: SP57; Type: Headset

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.838 \text{ S/m}$; $\epsilon_r = 39.421$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.82, 4.82, 4.82); Calibrated: 3/21/2018; Electronics: DAE4 Sn1335

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) 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: 2018-10-22; Ambient Temp: 21.2; Tissue Temp: 21.5

1.0 cm space from Body, Front, Bluetooth 1 Mbps Ch. 39, Ant Internal

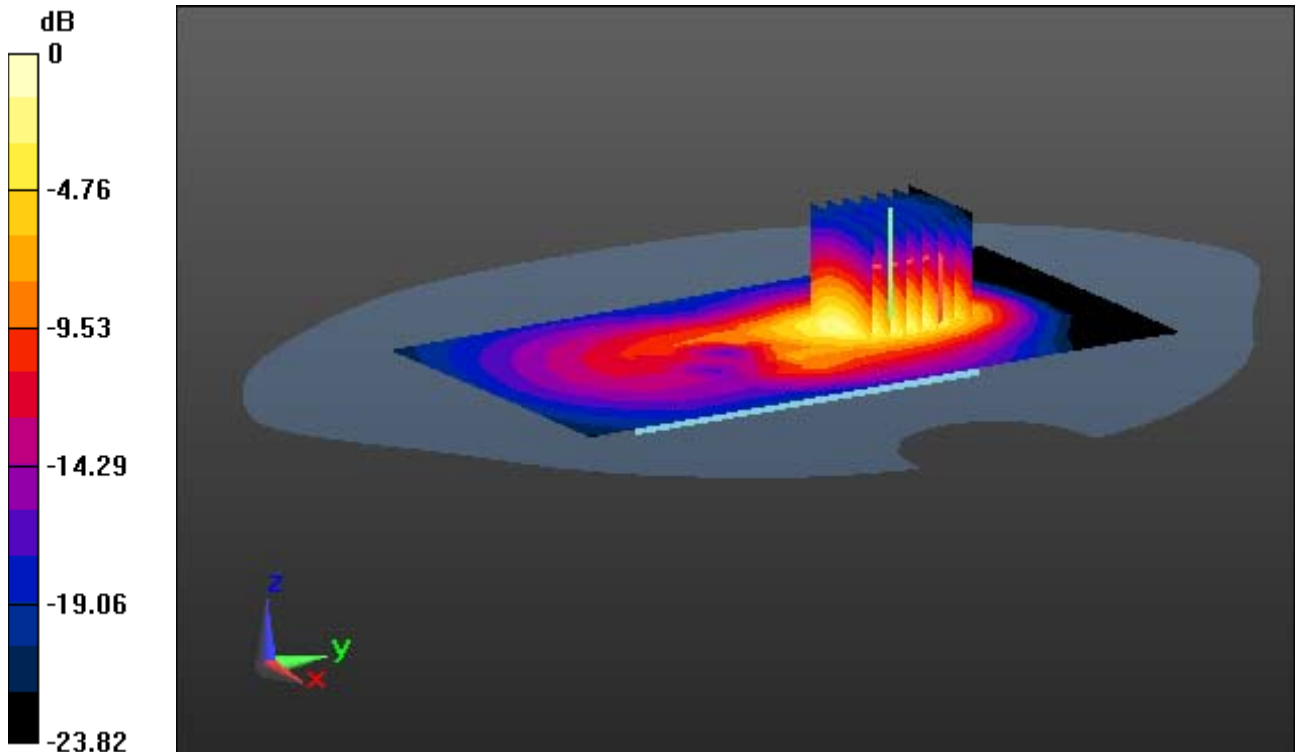
Area Scan (9x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.552 W/kg



0 dB = 1.51 W/kg