

SAR Plots

- Verification Plots
- SAR Test Plots

Dt&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 726

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 39.209$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE4 Sn614
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-11-17; Ambient Temp: 20.9; Tissue Temp: 20.8

2 450 MHz System Verification (100 mW)

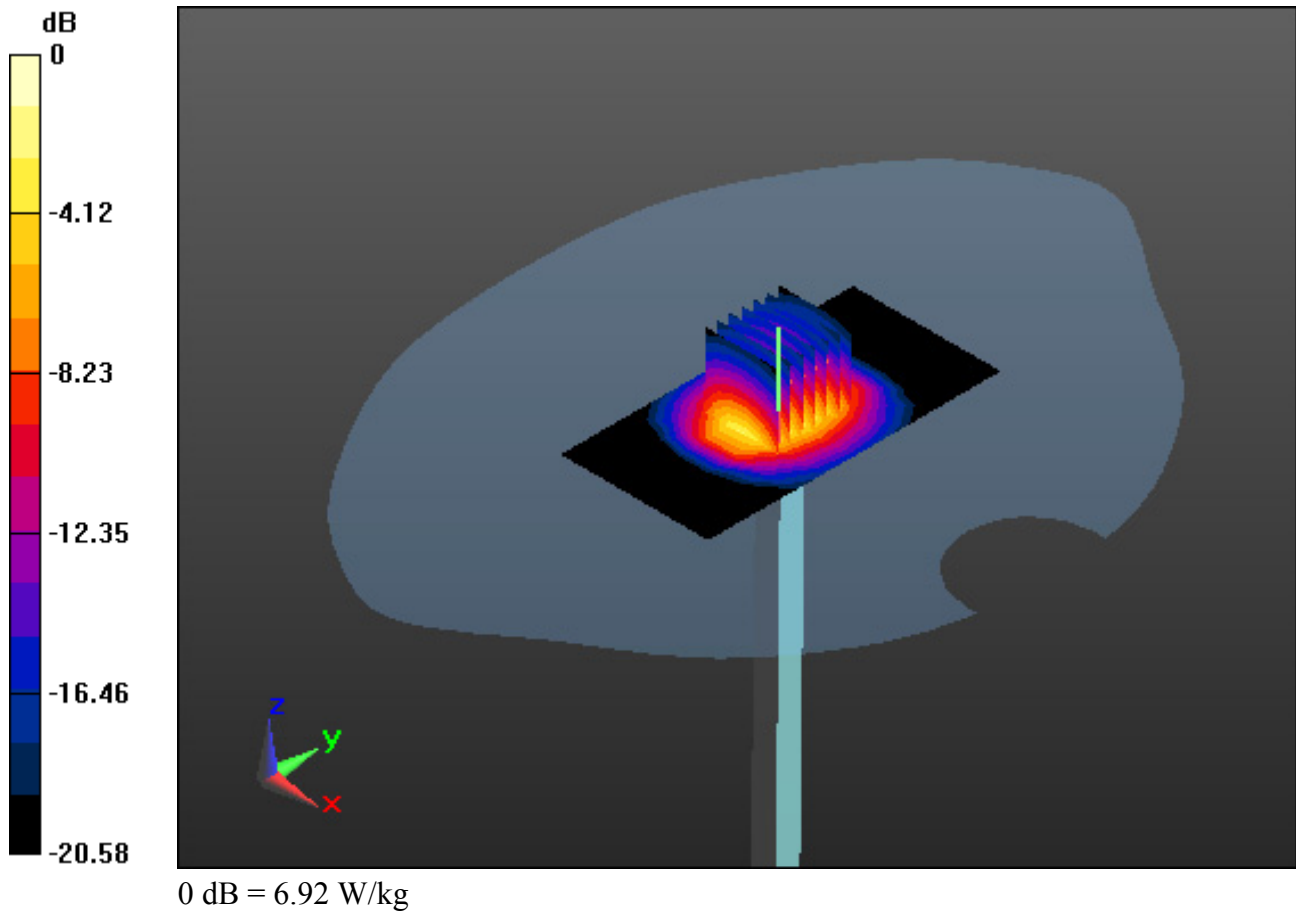
Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.49 W/kg



Dt&C Co., Ltd.

DUT: SP146; Type: Bluetooth Headset

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.77 \text{ S/m}$; $\epsilon_r = 39.238$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE4 Sn614

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-11-17; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Rear, Bluetooth 1Mbps Ch. 39, Ant External

Area Scan (7x11x1): 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 = 0.13 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.458 W/kg

