

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; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 39.914$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2450 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-12-01; Ambient Temp: 20.6; Tissue Temp: 20.9

2 450 MHz System Verification (100 mW)

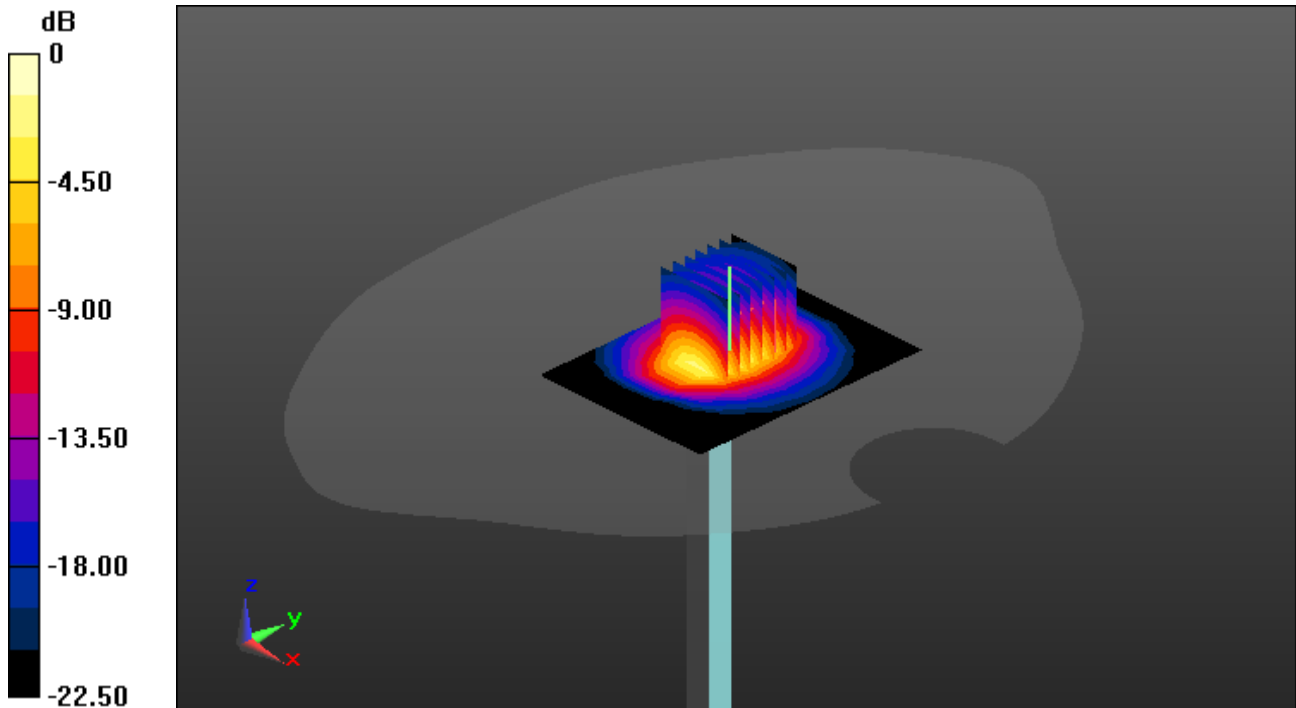
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 5.42 W/kg; SAR(10 g) = 2.54 W/kg



0 dB = 7.42 W/kg

Dt&C Co., Ltd.

DUT: SP147; Type: Headset

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.851 \text{ S/m}$; $\epsilon_r = 39.827$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.12, 7.12, 7.12) @ 2480 MHz; Calibrated: 5/4/2023 Electronics: DAE4
Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2023-12-01; Ambient Temp: 20.6; Tissue Temp: 20.9

1 cm space from Body, Rear, Bluetooth 1 Mbps Ch. 78, Ant External

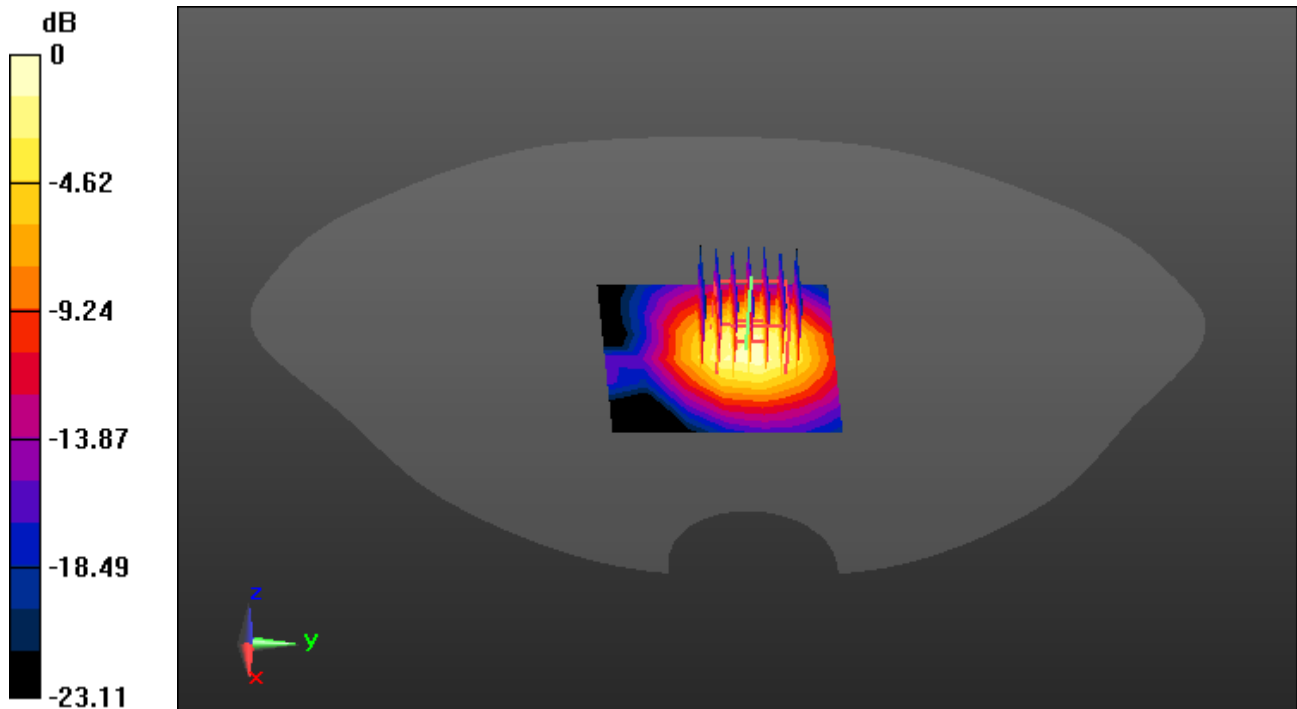
Area Scan (7x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.378 W/kg



0 dB = 1.14 W/kg