

## 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;  $\sigma = 1.847$  S/m;  $\epsilon_r = 39.396$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.33, 7.33, 7.33); Calibrated: 4/29/2022 Electronics: DAE3 Sn520  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-09-01; Ambient Temp: 20.8; Tissue Temp: 20.7

### **2450 MHz System Verification (100 mW)**

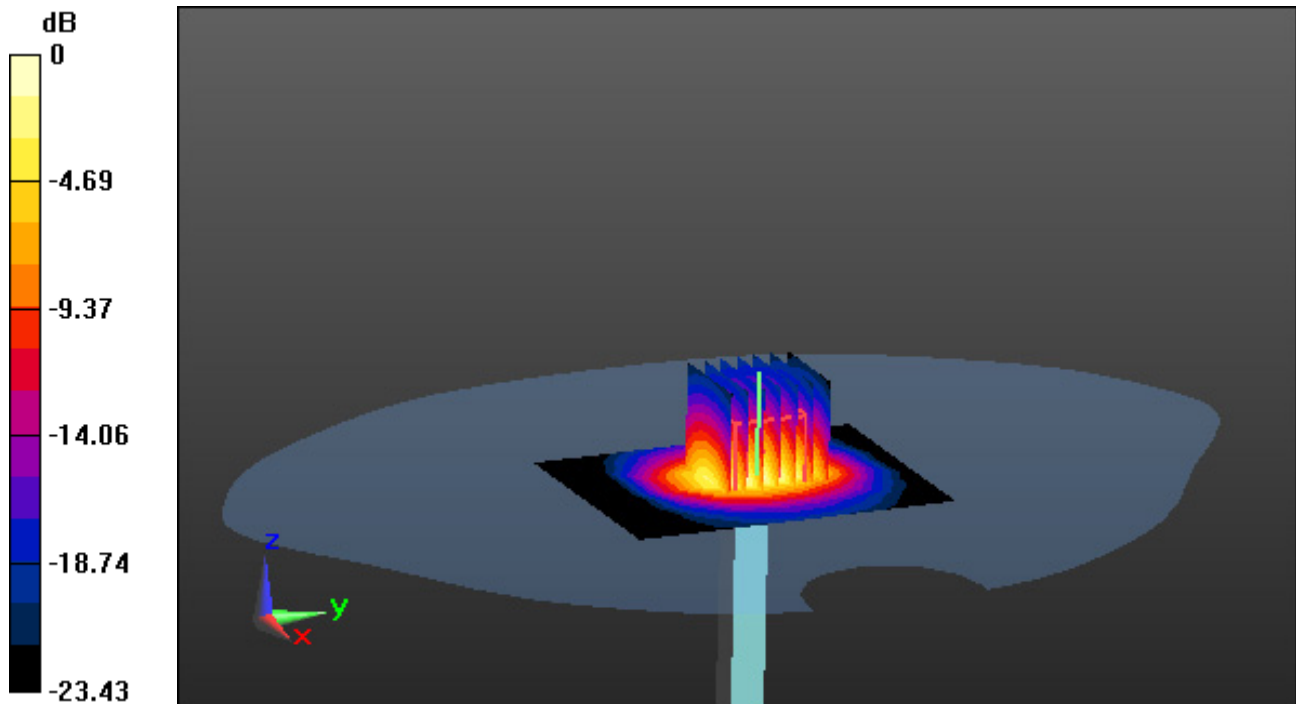
**Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.18 W/kg; SAR(10 g) = 2.35 W/kg



0 dB = 8.08 W/kg

# DT&C Co., Ltd.

## **DUT: SP124; Type: Bluetooth Headset**

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

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.877$  S/m;  $\epsilon_r = 39.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.33, 7.33, 7.33); Calibrated: 4/29/2022 Electronics: DAE3 Sn520

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2022-09-01; Ambient Temp: 20.8; Tissue Temp: 20.7

## **1 cm space from Body, Front, Bluetooth 1 Mbps Ch. 78, Ant External**

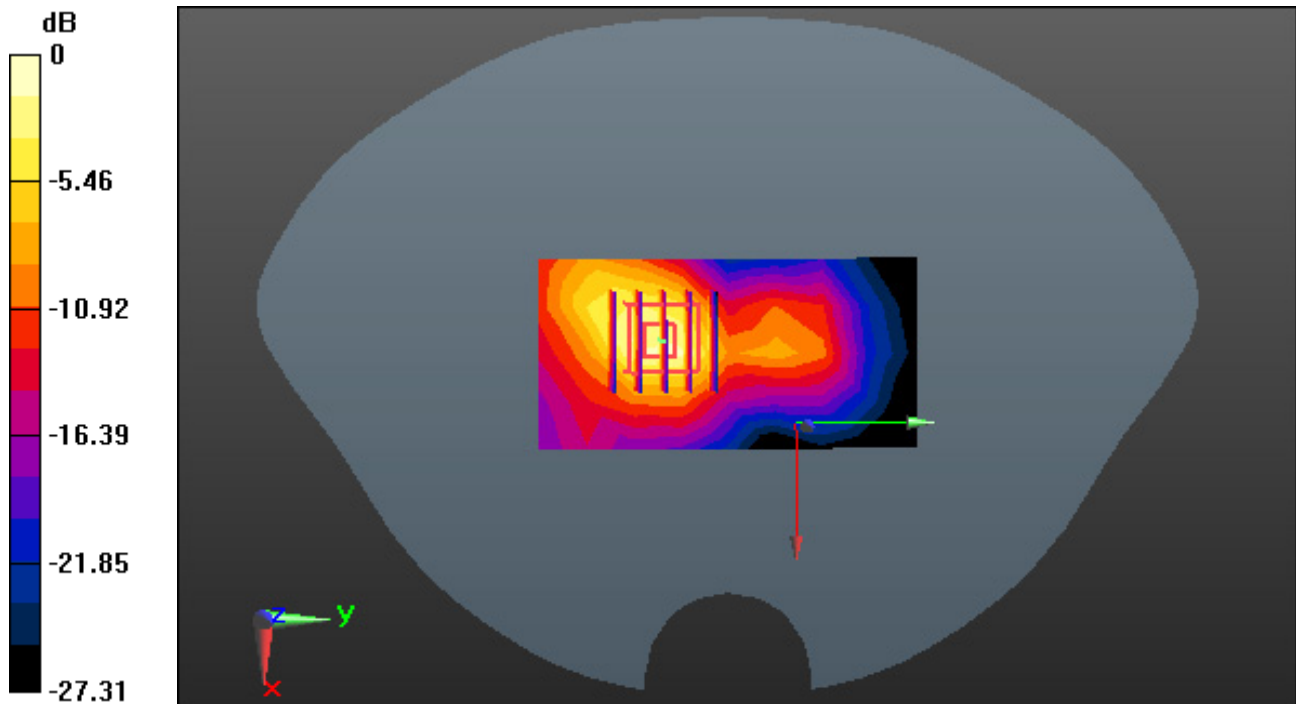
**Area Scan (6x11x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.360 W/kg



0 dB = 1.26 W/kg