

## 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;  $\sigma = 1.843$  S/m;  $\epsilon_r = 39.693$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/22/2021 Electronics: DAE4 Sn1335  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM\_Right\_20170922; Type: QD000P40CD; Serial: 1895  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-04-05; Ambient Temp: 21.4; Tissue Temp: 21.1

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

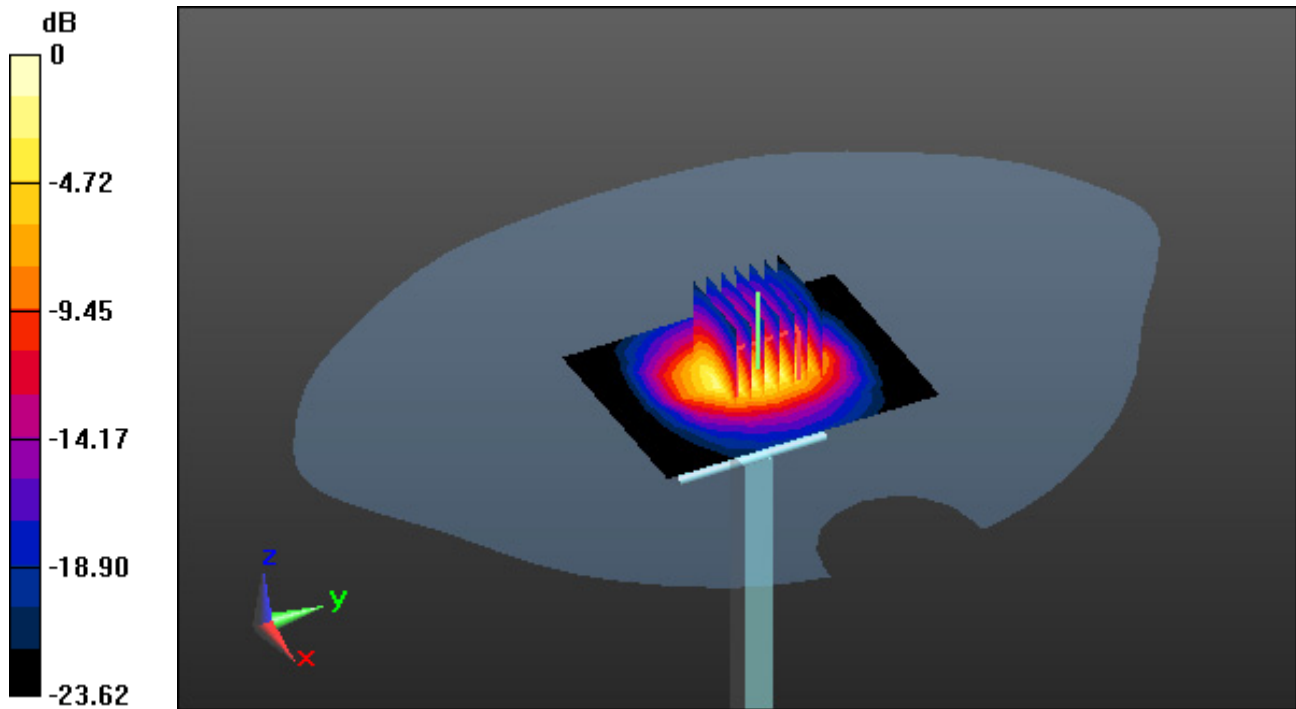
**Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 5.46 W/kg; SAR(10 g) = 2.49 W/kg



# DT&C Co., Ltd.

## **DUT: SP110; Type: Bluetooth Headset**

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

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.832$  S/m;  $\epsilon_r = 39.714$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/22/2021 Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM\_Right\_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2022-04-05; Ambient Temp: 21.4; Tissue Temp: 21.1

## **1 cm space from Body, Rear, Bluetooth 1 Mbps Ch. 39, Ant Internal**

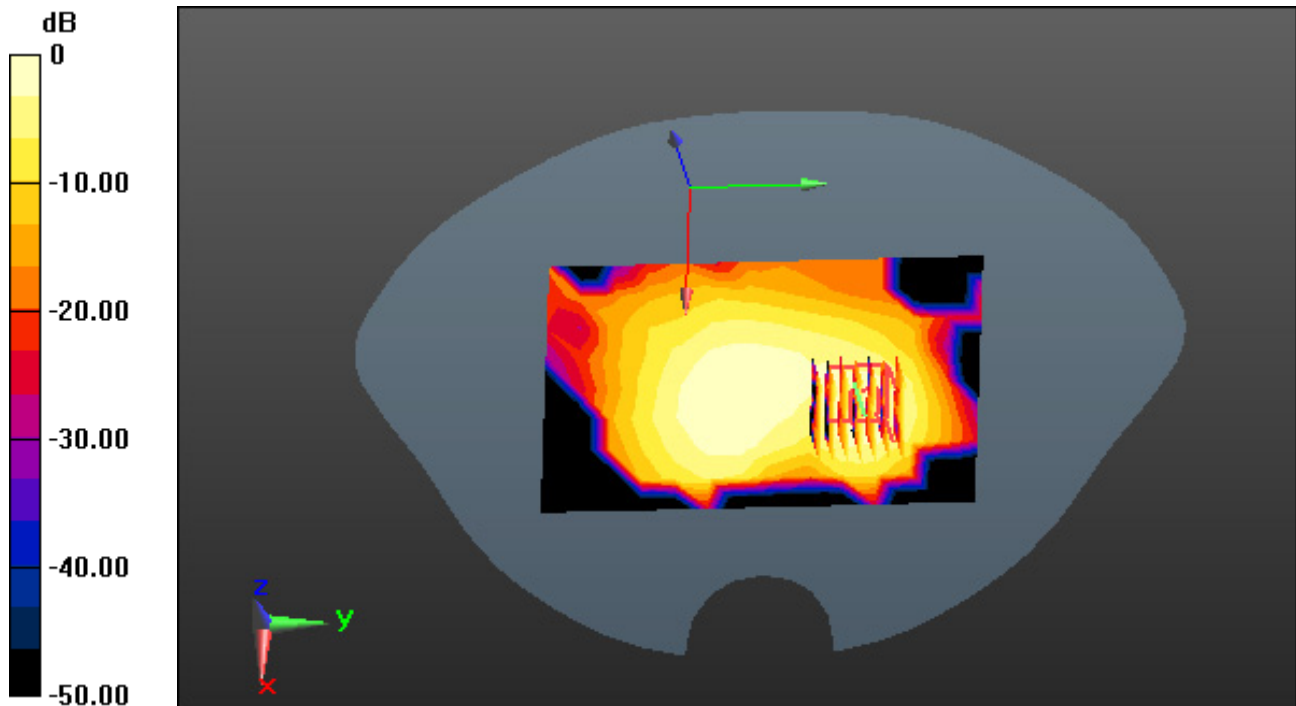
**Area Scan (9x14x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0960 W/kg

**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.019 W/kg**



0 dB = 0.0683 W/kg