

## 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;  $\sigma = 1.85$  S/m;  $\epsilon_r = 39.079$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.69, 7.69, 7.69); Calibrated: 7/26/2021 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: 2022-04-18; Ambient Temp: 20.0; Tissue Temp: 20.1

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

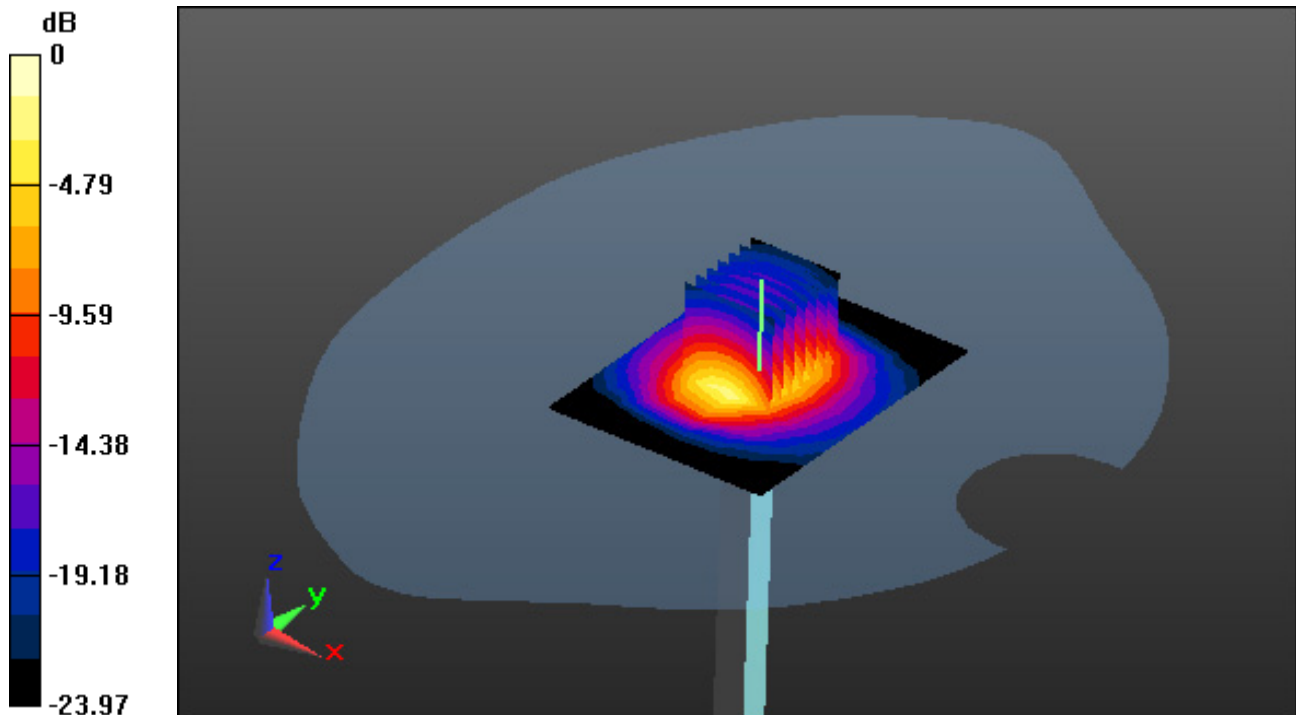
**Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 5.11 W/kg; SAR(10 g) = 2.35 W/kg



0 dB = 7.83 W/kg

# DT&C Co., Ltd.

## **DUT: SP109; Type: Bluetooth Headset**

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

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 39.111$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.69, 7.69, 7.69); Calibrated: 7/26/2021 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: 2022-04-18; Ambient Temp: 20.0; Tissue Temp: 20.1

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

**Area Scan (8x12x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.386 W/kg

**SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.118 W/kg**

