

Date: 2024-09-18

## #01\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_0mm\_Ch11

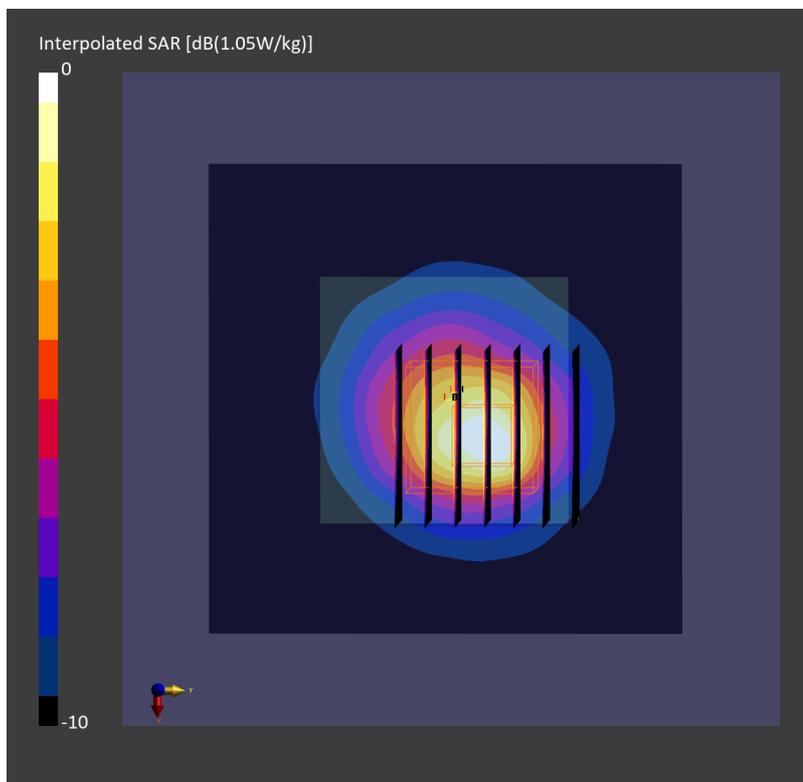
Communication System: IEEE 802.11b ; Frequency: 2462.000 MHz  
Medium: HSL Medium parameters used:  $f=2462.000$  MHz;  $\sigma=1.78$  S/m;  $\epsilon_r=38.7$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

## DASY8 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(6.63, 6.87, 6.92); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2144; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

**Area Scan (80.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 0.587 W/kg; SAR (10g) = 0.282 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm  
Power Drift = -0.07 dB  
SAR (1g) = 0.596 W/kg; SAR (8g) = 0.334 W/kg; SAR (10g) = 0.304 W/kg  
Smallest distance from peaks to all points 3 dB below = 9.9 mm  
Ratio of SAR at M2 to SAR at M1 = 84.3 %



Date: 2024-09-18

## #02\_Bluetooth\_1Mbps\_Back\_0mm\_Ch39

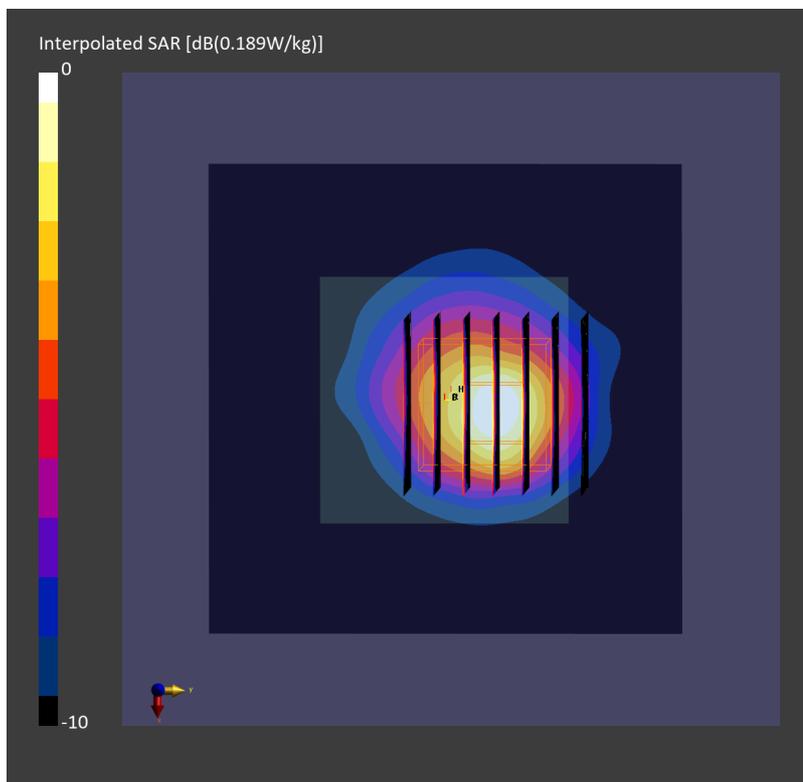
Communication System: IEEE 802.15.1 Bluetooth ; Frequency: 2441.000 MHz  
Medium: HSL\_2450\_240918 Medium parameters used:  $f=2441.000$  MHz;  $\sigma=1.76$  S/m;  $\epsilon_r=38.8$   
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

## DASY8 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(6.63, 6.87, 6.92); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2144; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

**Area Scan (80.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 0.100 W/kg; SAR (10g) = 0.048 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm  
Power Drift = -0.08 dB  
SAR (1g) = 0.106 W/kg; SAR (8g) = 0.058 W/kg; SAR (10g) = 0.053 W/kg  
Smallest distance from peaks to all points 3 dB below = 9.0 mm  
Ratio of SAR at M2 to SAR at M1 = 85.0 %



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2024/9/18

### #03\_NFC\_ASK\_13.56MHz\_Back\_0mm

Communication System: UID 0, NFC; Frequency: 13.56 MHz

Medium: HSL\_13\_240918 Medium parameters used:  $f = 13.56$  MHz;  $\sigma = 0.728$  S/m;  $\epsilon_r = 54.562$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(18.48, 18.48, 18.48) @ 13.56 MHz; Calibrated: 2023/10/24

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn699; Calibrated: 2024/2/13

- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1029

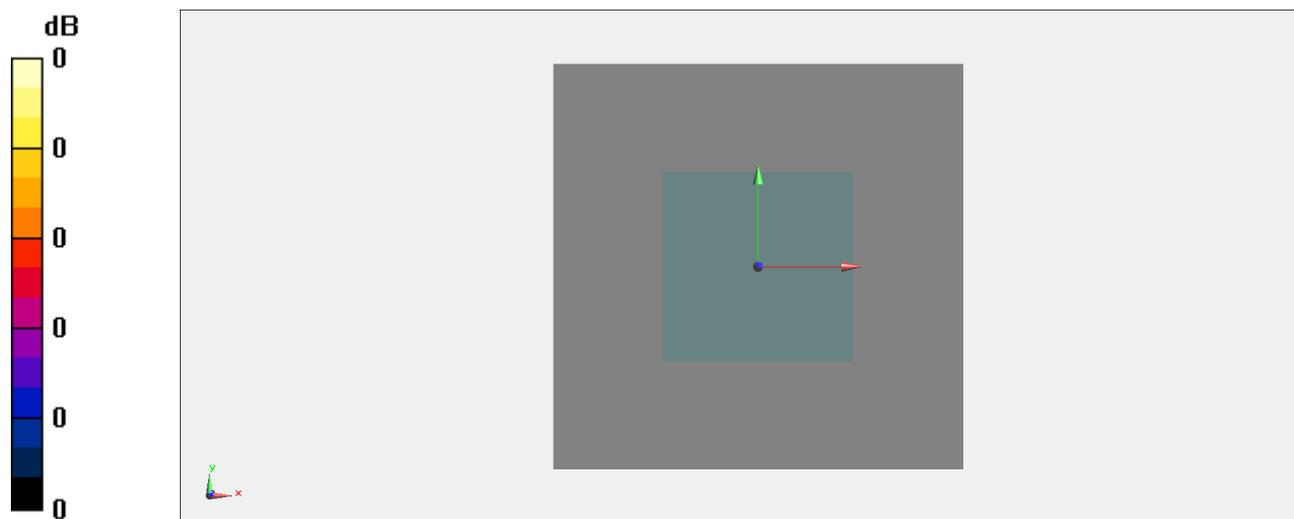
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 0 V/m; Power Drift = 0 dB

**Fast SAR: SAR(1 g) = 0.001 W/kg; SAR(10 g) = 0.001 W/kg**

Maximum value of SAR (interpolated) = 0 W/kg



0 dB = 0.0257 W/kg = -15.90 dBW/kg