

Date: 2024-11-16

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_0mm\_Ch6**

Communication System: IEEE 802.11b ; Frequency: 2437.000 MHz

Medium: HSL\_2450\_241116 Medium parameters used:  $f = 2437.000$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 38.8$ 

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(7.67, 7.67, 7.67); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2024-10-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

**Area Scan (200.0 mm x 100.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.907 W/kg; SAR (10g) = 0.417 W/kg;

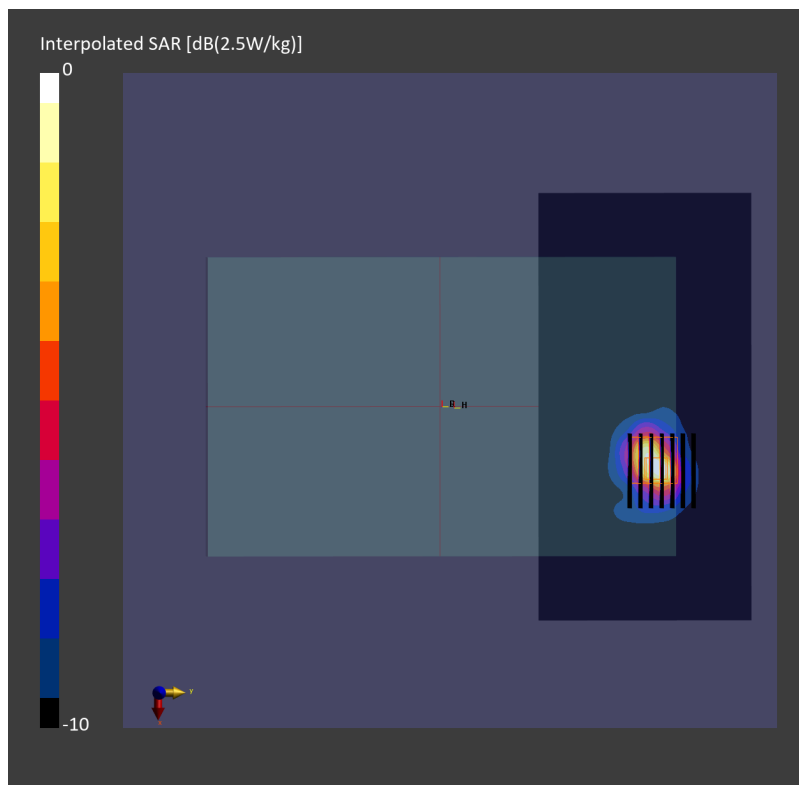
**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 0.940 W/kg; SAR (8g) = 0.499 W/kg; SAR (10g) = 0.452 W/kg

Smallest distance from peaks to all points 3 dB below = 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 72.8 %



Date: 2024-11-16

**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_0mm\_Ch62**

Communication System: IEEE 802.11n; Frequency: 5310.000 MHz

Medium: HSL\_5250\_241116 Medium parameters used:  $f = 5310.000$  MHz;  $\sigma = 4.72$  S/m;  $\epsilon_r = 35.6$ 

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(5.48, 5.48, 5.48); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2024-10-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

**Area Scan (200.0 mm x 100.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.640 W/kg; SAR (10g) = 0.220 W/kg;

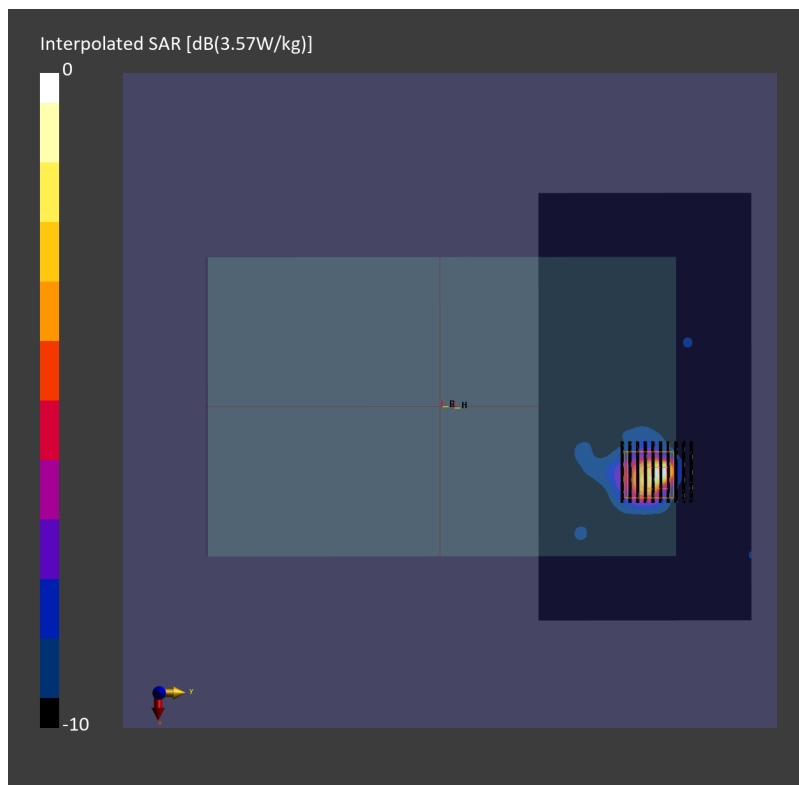
**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.6 mm x 3.6 mm x 1.4 mm

Power Drift = 0.09 dB

SAR (1g) = 0.838 W/kg; SAR (8g) = 0.316 W/kg; SAR (10g) = 0.262 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 59.5 %



Date: 2024-11-16

**#03\_Bluetooth\_1Mbps\_Back\_0mm\_Ch39**

Communication System: IEEE 802.15.1 Bluetooth ; Frequency: 2441.000 MHz

Medium: HSL\_2450\_241116 Medium parameters used:  $f = 2441.000$  MHz;  $\sigma = 1.79$  S/m;  $\epsilon_r = 38.8$ 

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

## DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(7.67, 7.67, 7.67); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2024-10-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

**Area Scan (200.0 mm x 100.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.437 W/kg; SAR (10g) = 0.206 W/kg;

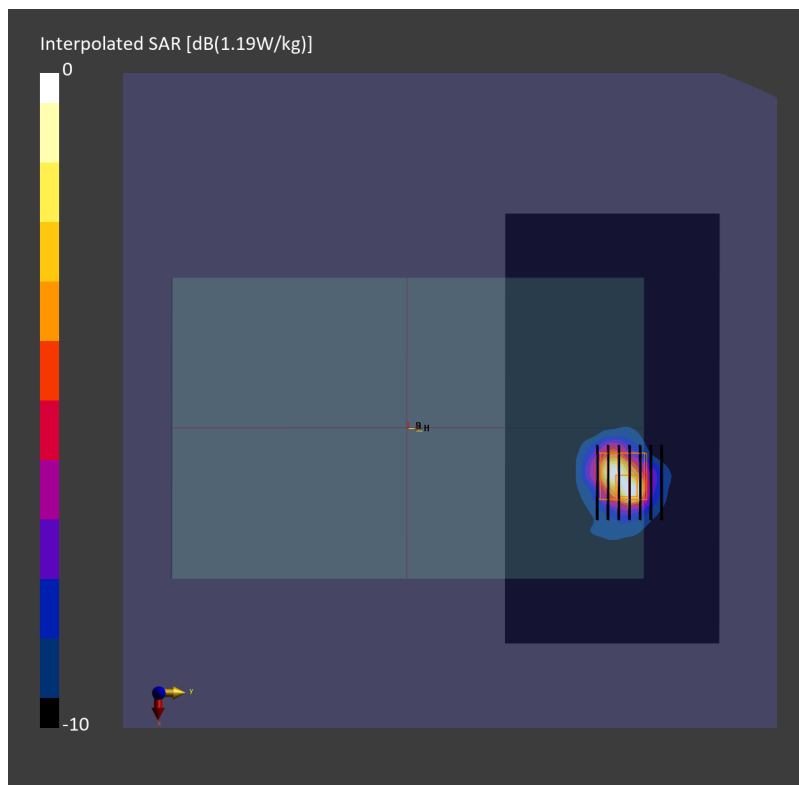
**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.09 dB

SAR (1g) = 0.457 W/kg; SAR (8g) = 0.237 W/kg; SAR (10g) = 0.214 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 73.6 %



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

Date: 2024/11/14

**#04\_NFC\_ASK\_Back\_0mm**

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

Medium: HSL\_13\_241114 Medium parameters used :  $f = 13.56$  MHz;  $\sigma = 0.728$  S/m;  $\epsilon_r = 54.672$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(18.14, 18.14, 18.14) @ 13.56 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2024/1/18
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.582 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.714 V/m; Power Drift = -0.01 dB

Peak SAR = 0.712 W/kg

**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.160 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 42.9%

Maximum value of SAR (measured) = 0.536 W/kg

