

Date: 2024-12-27

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Horizontal Down\_5mm\_Ch1**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2412.000 MHz

Medium: HSL\_2450\_241227 Medium parameters used:  $f = 2412.000$  MHz;  $\sigma = 1.77$  S/m;  $\epsilon_r = 39.6$ 

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

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7813; ConvF(6.91, 7.0, 7.64); Calibrated: 2024-05-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn656; Calibrated: 2024-01-18
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

**Area Scan (60.0 mm x 140.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.746 W/kg; SAR (10g) = 0.379 W/kg;

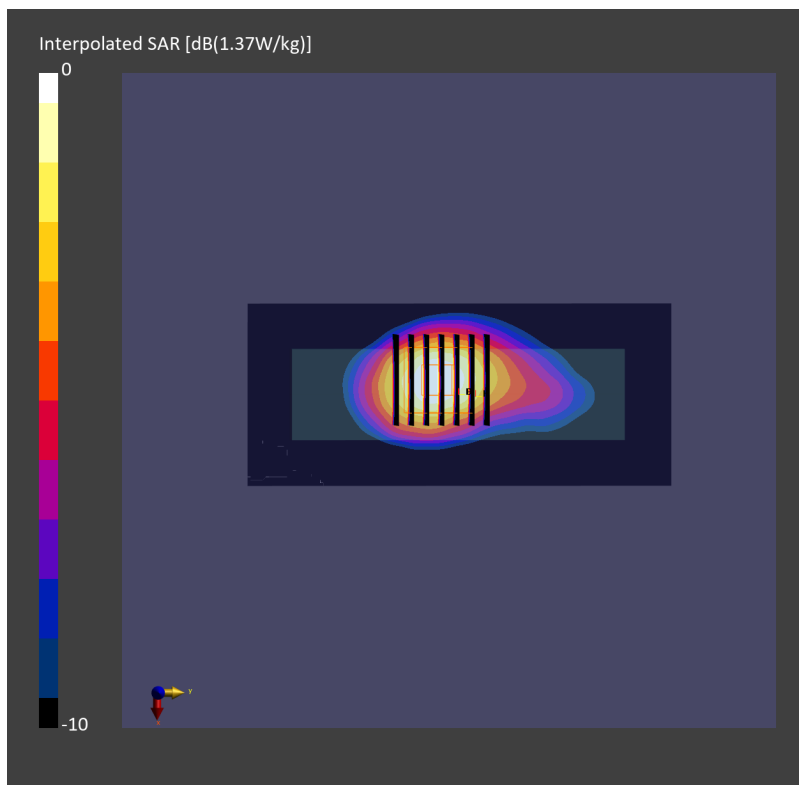
**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.12 dB

SAR (1g) = 0.716 W/kg; SAR (8g) = 0.393 W/kg; SAR (10g) = 0.359 W/kg

Smallest distance from peaks to all points 3 dB below = 12.0 mm

Ratio of SAR at M2 to SAR at M1 = 81.7 %



Date: 2024-12-24

**#02\_WLAN5GHz\_802.11ac-VHT40 MCS0\_Horizontal Down\_5mm\_Ch62**

Communication System: IEEE 802.11ac WiFi; Frequency: 5310.000 MHz

Medium: HSL\_5G\_241224 Medium parameters used:  $f = 5310.000$  MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 36.8$ 

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

## DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.49, 5.29, 5.21); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10534-AAD

**Area Scan (60.0 mm x 140.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.07 W/kg; SAR (10g) = 0.449 W/kg;

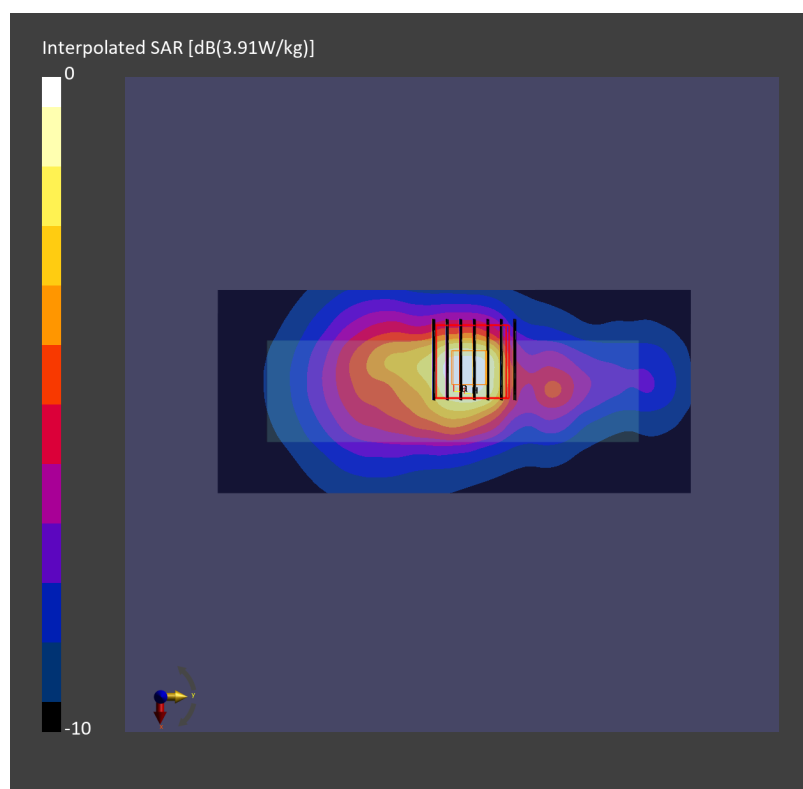
**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.08 dB

SAR (1g) = 1.12 W/kg; SAR (8g) = 0.493 W/kg; SAR (10g) = 0.439 W/kg

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.3 %



Date: 2024-12-24

## #03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Horizontal Down\_5mm\_Ch122

Communication System: IEEE 802.11ac WiFi; Frequency: 5610.000 MHz

Medium: HSL\_5G\_241224 Medium parameters used:  $f = 5610.000$  MHz;  $\sigma = 5.07$  S/m;  $\epsilon_r = 36.4$ 

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

## DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.11, 4.92, 4.85); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

**Area Scan (60.0 mm x 140.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.999 W/kg; SAR (10g) = 0.424 W/kg;

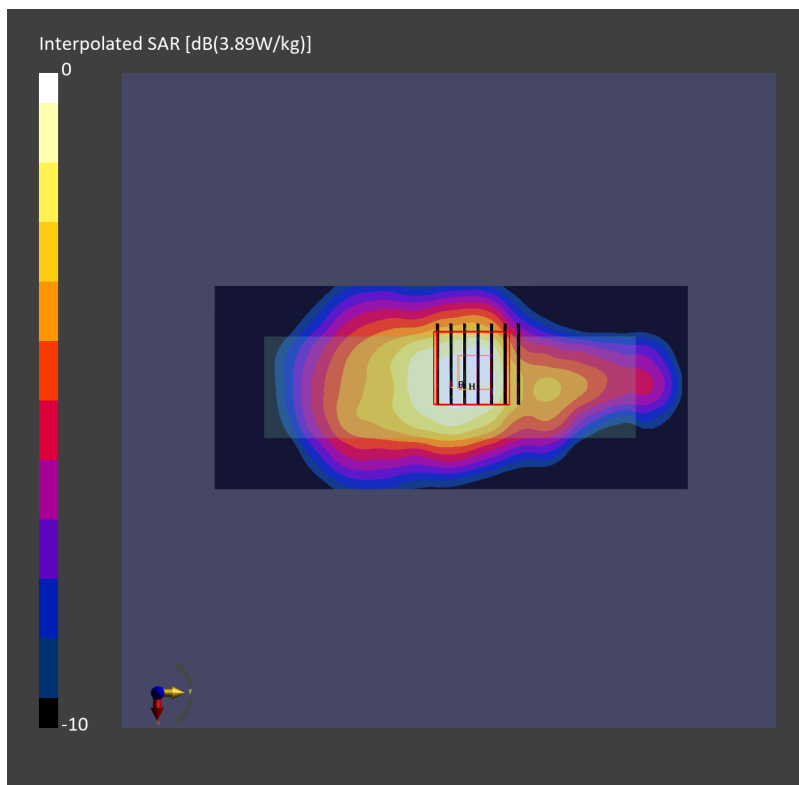
**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 1.04 W/kg; SAR (8g) = 0.467 W/kg; SAR (10g) = 0.409 W/kg

Smallest distance from peaks to all points 3 dB below = 11.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.6 %



Date: 2024-12-24

**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Horizontal Down\_5mm\_Ch155**

Communication System: IEEE 802.11ac WiFi; Frequency: 5775.000 MHz

Medium: HSL\_5G\_241224 Medium parameters used:  $f = 5775.000$  MHz;  $\sigma = 5.25$  S/m;  $\epsilon_r = 36.2$ 

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

**DASY8 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.01, 4.83, 4.76); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

**Area Scan (60.0 mm x 140.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.966 W/kg; SAR (10g) = 0.416 W/kg;

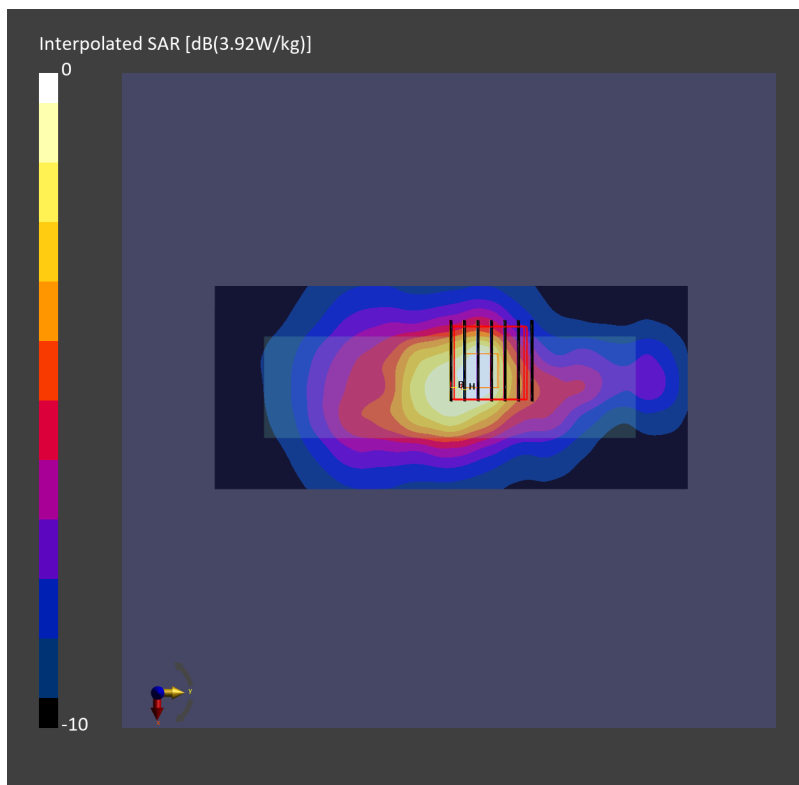
**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 1.01 W/kg; SAR (8g) = 0.428 W/kg; SAR (10g) = 0.371 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.6 %



Date: 2024-12-24

**#05\_WLAN6GHz\_802.11be-EHT160 MCS0\_Horizontal Down\_5mm\_Ch15**

Communication System: IEEE 802.11be; Frequency: 6025.000 MHz

Medium: HSL\_6G\_241224 Medium parameters used:  $f = 6025.000$  MHz;  $\sigma = 5.60$  S/m;  $\epsilon_r = 35.5$ 

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

## DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.52, 5.32, 5.24); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

**Area Scan (68.0 mm x 153.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.234 W/kg; SAR (10g) = 0.096 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.13 dB

SAR (1g) = 0.266 W/kg; SAR (8g) = 0.118 W/kg; SAR (10g) = 0.106 W/kg

Smallest distance from peaks to all points 3 dB below = 13.3 mm

Ratio of SAR at M2 to SAR at M1 = 56.6 %

psAPD (1.0cm<sup>2</sup>, sq) = 2.66 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 2.36 [W/m<sup>2</sup>]