

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 4_0mm_Ch11;Aux

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: HSL_2450_220818 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 39.903$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.62, 4.62, 4.62) @ 2462 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2022/1/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.43 W/kg

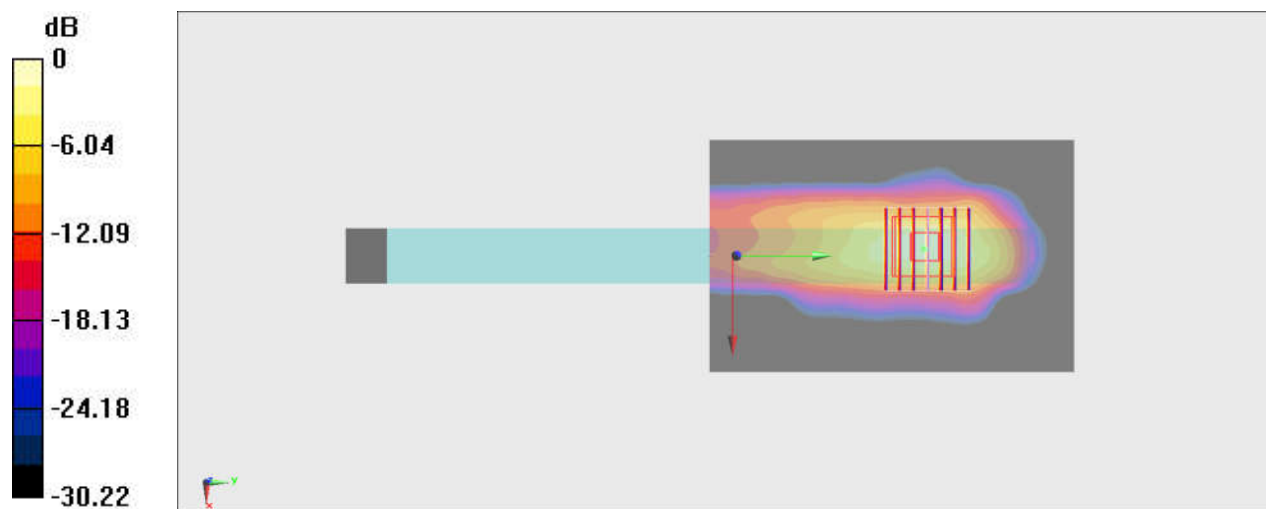
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.00 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

#02_WLAN5GHz_802.11ac-VHT160 MCS0_Bottom of Laptop_0mm_Ch50;Aux

Communication System: WLAN 5GHz; Frequency: 5250.0; Duty Cycle: 1:1.012

Medium: HSL_5G_220816. Medium parameters used: $f = 5250.0$ MHz; $\sigma = 4.61$ S/m; $\epsilon_r = 35.4$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.47, 5.47, 5.47); Calibrated: 2022-01-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-01-12
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10554-AAD
- MAIA: Area Scan: Y; Zoom Scan: N/A

Area Scan (80.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

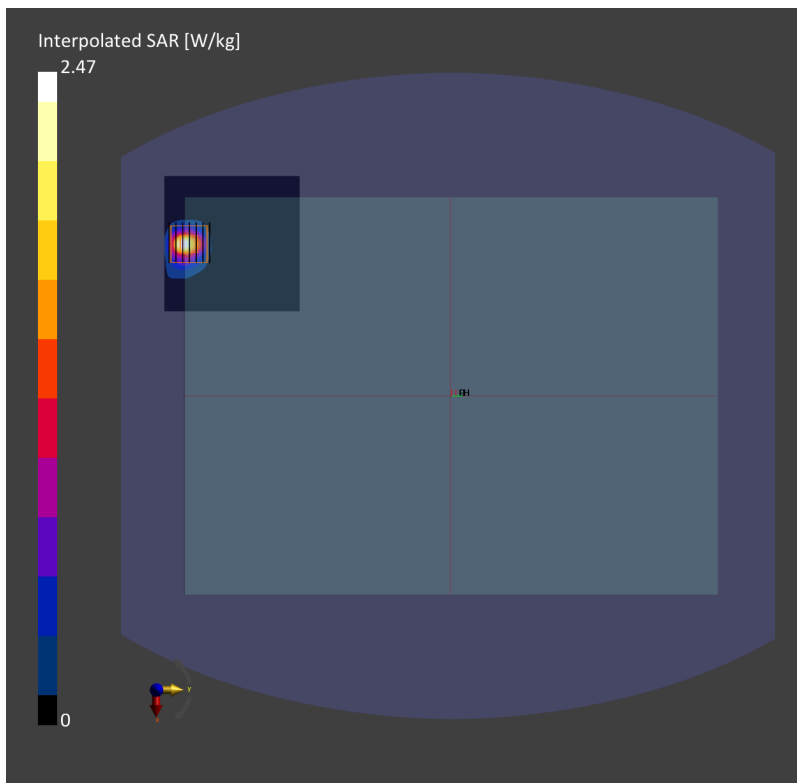
SAR (1g) = 0.495 W/kg; SAR (10g) = 0.140 W/kg;

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 = -0.09 dB

SAR (1g) = 0.628 W/kg; SAR (8g) = 0.189 W/kg; SAR (10g) = 0.160 W/kg;

psAPD (1.0cm², sq) = 6.28 [W/m²]; psAPD (4.0cm², sq) = 3.79



#03_WLAN5GHz_802.11ac-VHT160 MCS0_Bottom of Laptop_0mm_Ch114;Aux

Communication System: WLAN 5GHz; Frequency: 5570.0; Duty Cycle: 1:1.011

Medium: HSL_5G_220816 Medium parameters used: $f = 5570.0$ MHz; $\sigma = 4.98$ S/m; $\epsilon_r = 34.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.95, 4.95, 4.95); Calibrated: 2022-01-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-01-12
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10554-AAD
- MAIA: Area Scan: Y; Zoom Scan: N/A

Area Scan (80.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

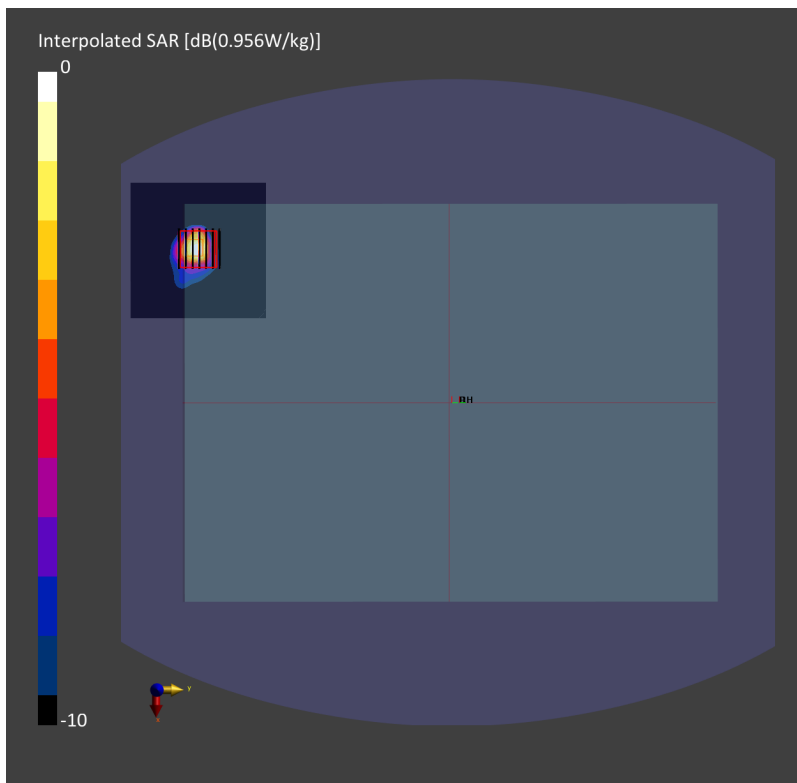
SAR (1g) = 0.575 W/kg; SAR (10g) = 0.154 W/kg;

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 = 0.03 dB

SAR (1g) = 0.671 W/kg; SAR (8g) = 0.197 W/kg; SAR (10g) = 0.167 W/kg;

psAPD (1.0cm², sq) = 6.71 [W/m²]; psAPD (4.0cm², sq) = 3.93



#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155;Main

Communication System: WLAN 5GHz; Frequency: 5775.0; Duty Cycle: 1:1.012

Medium: HSL_5G_220816 Medium parameters used: $f = 5775.0$ MHz; $\sigma = 5.22$ S/m; $\epsilon_r = 34.5$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.87, 4.87, 4.87); Calibrated: 2022-01-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-01-12
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10544-AAC
- MAIA: Area Scan: Y; Zoom Scan: N/A

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

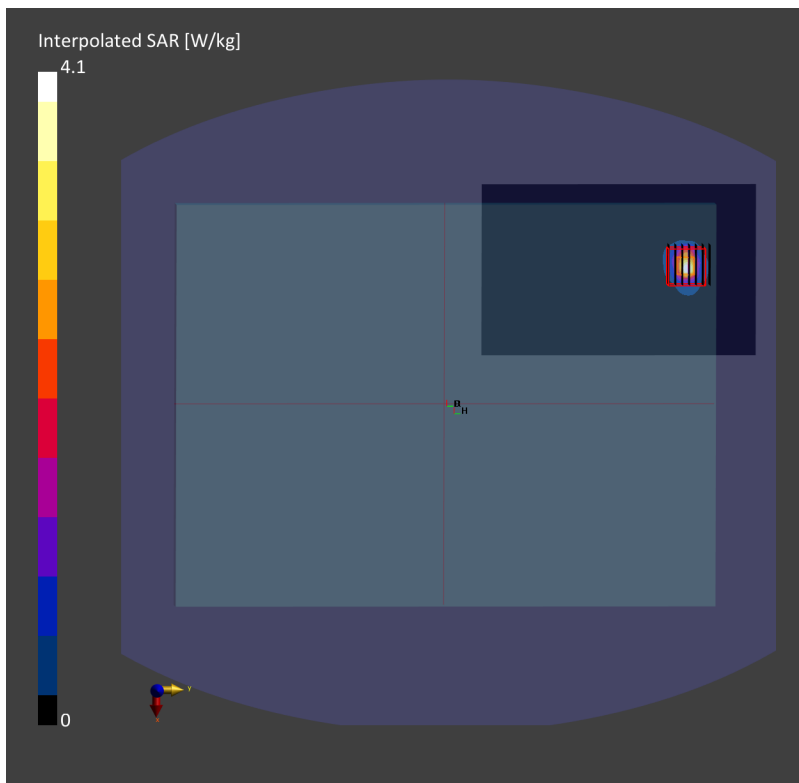
SAR (1g) = 0.825 W/kg; SAR (10g) = 0.208 W/kg;

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) = 0.929 W/kg; SAR (8g) = 0.265 W/kg; SAR (10g) = 0.221 W/kg;

psAPD (1.0cm², sq) = 9.29 [W/m²]; psAPD (4.0cm², sq) = 5.30



#05_WLAN6GHz_802.11ax-HE160 MCS0_Bottom of Laptop_0mm_Ch175;Main

Communication System: 802.11ax; Frequency: 6825.0; Duty Cycle: 1:1.026

Medium: HSL_6G_220816 Medium parameters used: $f = 6825.0$ MHz; $\sigma = 6.46$ S/m; $\epsilon_r = 33.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.8, 5.8, 5.8); Calibrated: 2022-01-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-01-12
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAC
- MAIA: Area Scan: Y; Zoom Scan: N/A

Area Scan (102.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

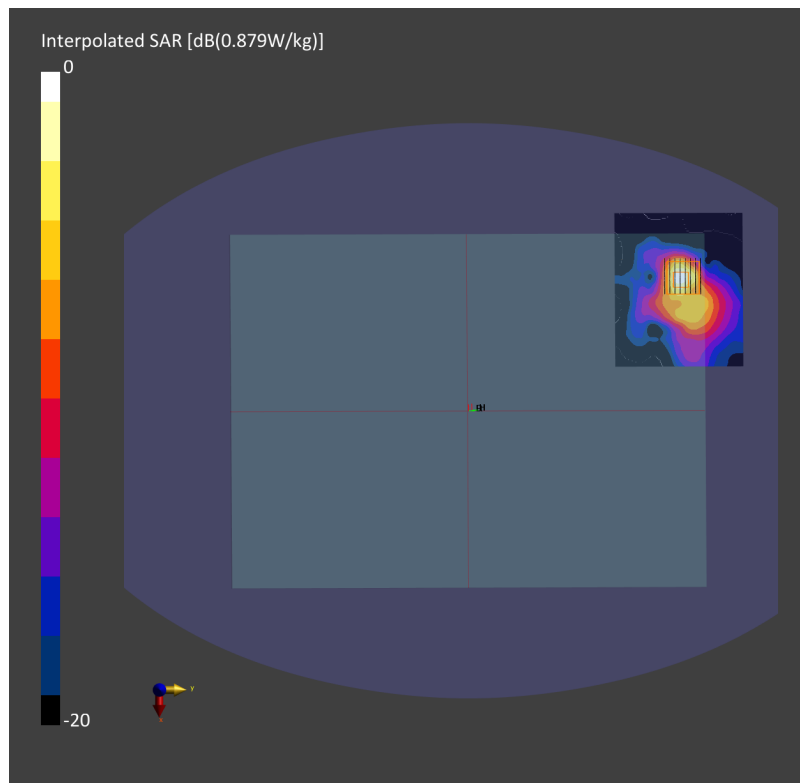
SAR (1g) = 0.563 W/kg; SAR (10g) = 0.146 W/kg;

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 = 0.05 dB

SAR (1g) = 0.635 W/kg; SAR (8g) = 0.182 W/kg; SAR (10g) = 0.154 W/kg;

psAPD (1.0cm², sq) = 6.35 [W/m²]; psAPD (4.0cm², sq) = 3.64



#06_Bluetooth_1Mbps_Edge 4_0mm_Ch78;Aux

Communication System: Bluetooth; Frequency: 2480.0; Duty Cycle: 1:1.302

Medium: HSL_2450_220829 Medium parameters used: $f = 2480.0$ MHz; $\sigma = 1.796$ S/m; $\epsilon_r = 38.25$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(8.05, 8.05, 8.05); Calibrated: 2022-01-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2022-01-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: Bluetooth, 10032-CAA
- MAIA: Area Scan: Y; Zoom Scan: Y

Area Scan (100.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.127 W/kg; SAR (10g) = 0.052 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 = -0.00 dB

SAR (1g) = 0.132 W/kg; SAR (8g) = 0.055 W/kg; SAR (10g) = 0.048 W/kg;

psAPD (1.0cm², sq) = 1.32 [W/m²]; psAPD (4.0cm², sq) = 1.09

