

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 4_0mm_Ch13;Ant 1

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2472.0 MHz; Duty Cycle: 1:1.003

Medium: HSL_2450_221028 Medium parameters used: $f = 2472.0$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 38.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(8.41, 8.41, 8.41); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10012-CAB

Area Scan (60.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.447 W/kg; SAR (10g) = 0.187 W/kg;

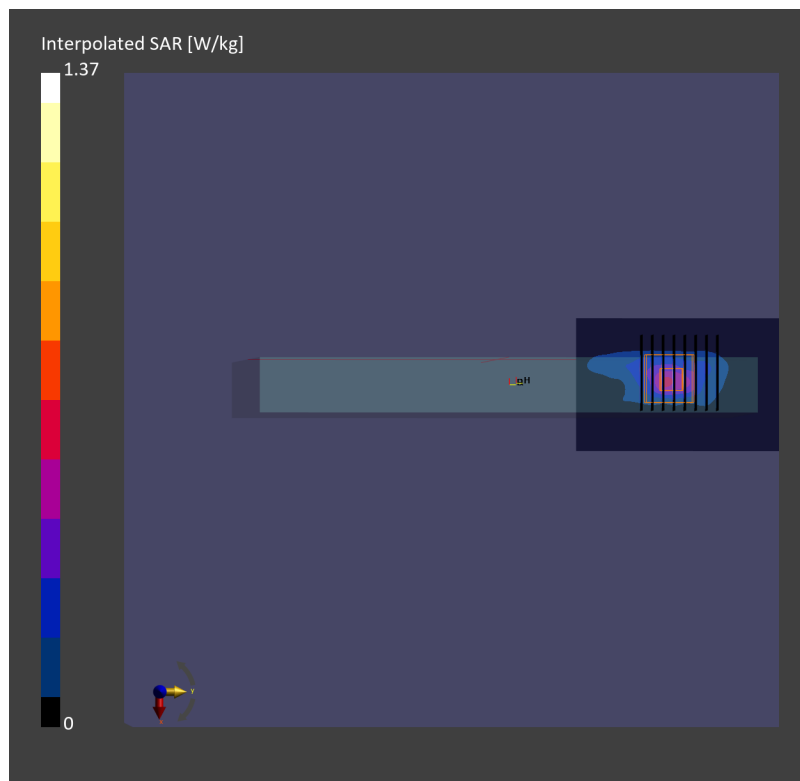
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 0.485 W/kg; SAR (8g) = 0.198 W/kg; SAR (10g) = 0.175 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 71.6 %



#02_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch58;Ant 2

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5290.0 MHz;
Duty Cycle: 1:1.112

Medium: HSL_5G_221028 Medium parameters used: $f = 5290.0$ MHz; $\sigma = 4.72$ S/m; $\epsilon_r = 35.5$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(5.45, 5.45, 5.45); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10544-AAC

Area Scan (100.0 mm x 60.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.491 W/kg; SAR (10g) = 0.093 W/kg;

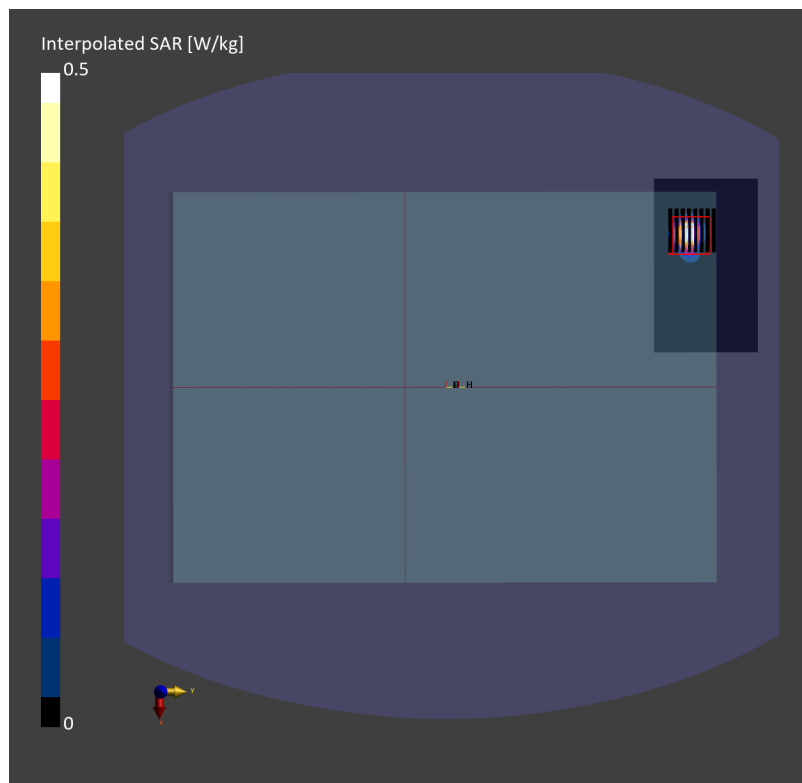
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.6 mm x 3.6 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 0.521 W/kg; SAR (8g) = 0.119 W/kg; SAR (10g) = 0.096 W/kg

Smallest distance from peaks to all points 3 dB below = 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.3 %



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch138;Ant 2

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5690.0 MHz;
Duty Cycle: 1:1.112

Medium: HSL_5G_221028 Medium parameters used: $f = 5690.0$ MHz; $\sigma = 5.19$ S/m; $\epsilon_r = 34.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(5.0, 5.0, 5.0); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10544-AAC

Area Scan (100.0 mm x 60.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.845 W/kg; SAR (10g) = 0.146 W/kg;

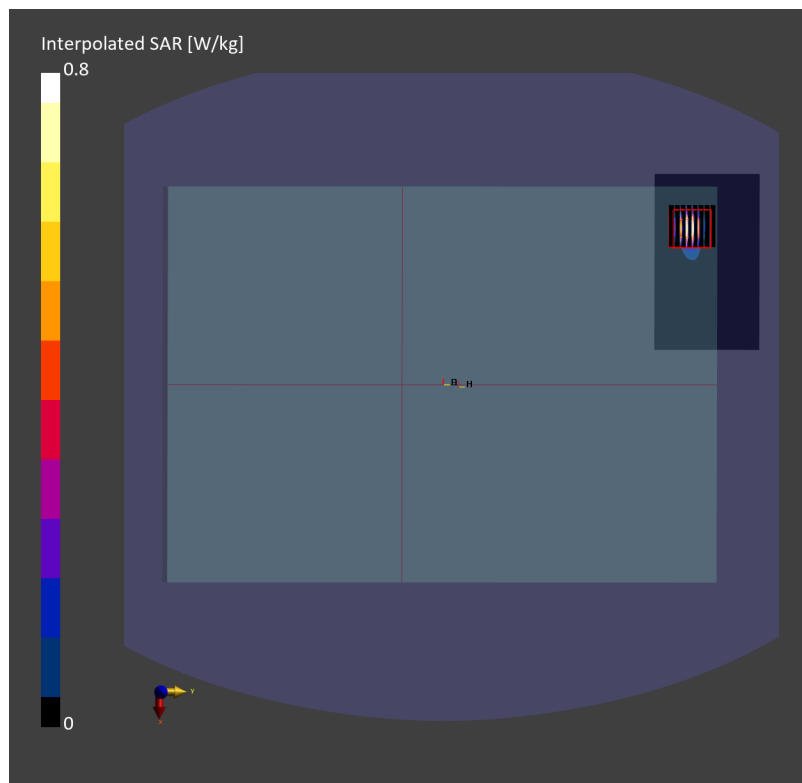
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 0.871 W/kg; SAR (8g) = 0.188 W/kg; SAR (10g) = 0.151 W/kg

Smallest distance from peaks to all points 3 dB below = 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 59.6 %



#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155;Ant 1

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5775.0 MHz;
Duty Cycle: 1:1.112

Medium: HSL_5G_221028 Medium parameters used: $f = 5775.0$ MHz; $\sigma = 5.28$ S/m; $\epsilon_r = 34.66$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(5.0, 5.0, 5.0); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10544-AAC

Area Scan (100.0 mm x 60.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.523 W/kg; SAR (10g) = 0.144 W/kg;

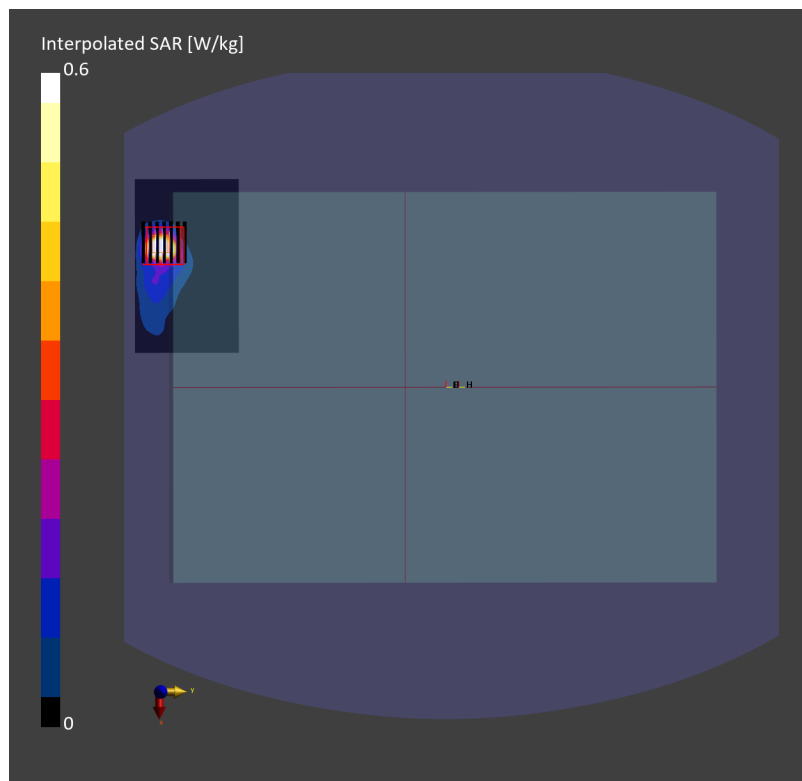
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.13 dB

SAR (1g) = 0.739 W/kg; SAR (8g) = 0.179 W/kg; SAR (10g) = 0.146 W/kg

Smallest distance from peaks to all points 3 dB below = 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 59.0 %



#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch0;Ant 2

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450_221127 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.747$ S/m; $\epsilon_r = 39.318$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

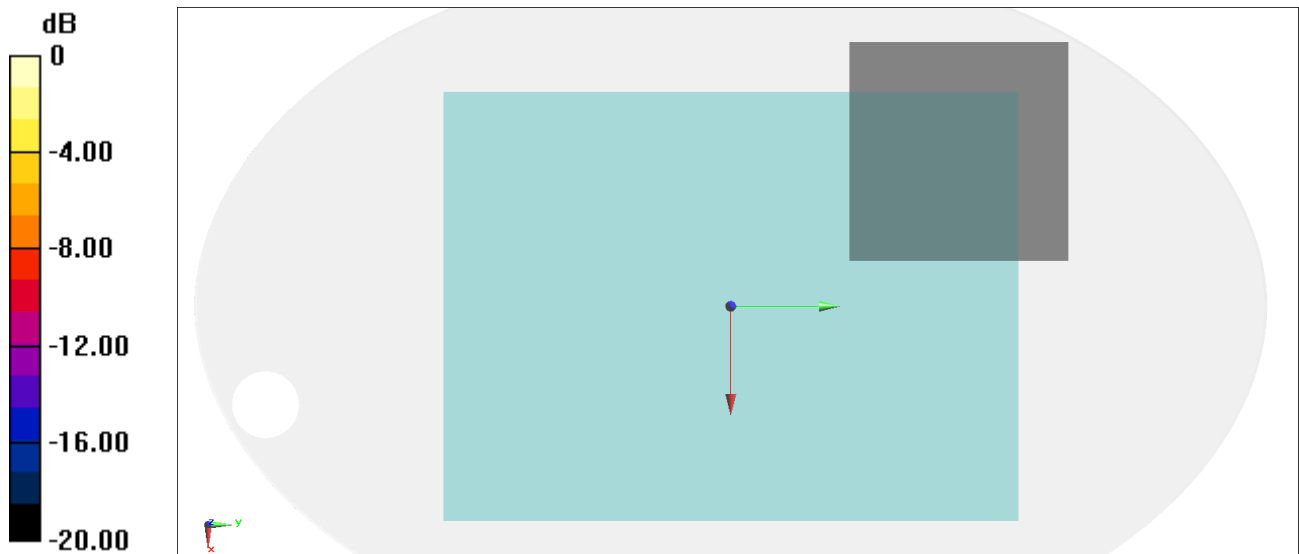
- Probe: EX3DV4 - SN7439; ConvF(7.68, 7.68, 7.68) @ 2402 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Reference Value = 1.512 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 W/kg = -999.00 dBW/kg