

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch12;Ant 1+2

Communication System: 802.11b; Frequency: 2467 MHz; Duty Cycle: 1:1.018

Medium: HSL_2450_211218 Medium parameters used : $f = 2467$ MHz; $\sigma = 1.846$ S/m; $\epsilon_r = 39.656$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.93, 7.93, 7.93) @ 2467 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x321x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.46 W/kg

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

Reference Value = 19.97 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 1.37 W/kg

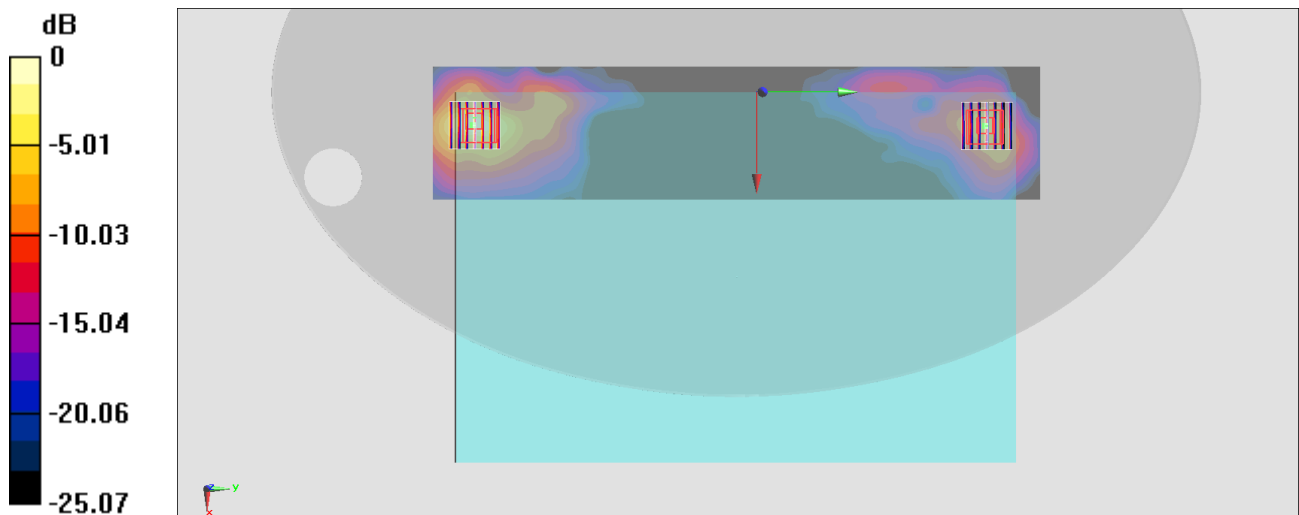
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.97 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

#02_WLAN5GHz_802.11ac-VHT160 MCS0_Bottom of Laptop_0mm_Ch50;Ant 1+2

Communication System: 802.11ac; Frequency: 5250 MHz; Duty Cycle: 1:1.003

Medium: HSL_5G_211220 Medium parameters used : $f = 5250$ MHz; $\sigma = 4.615$ S/m; $\epsilon_r = 36.243$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.7, 5.7, 5.7) @ 5250 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x401x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.490 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.605 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.439 W/kg

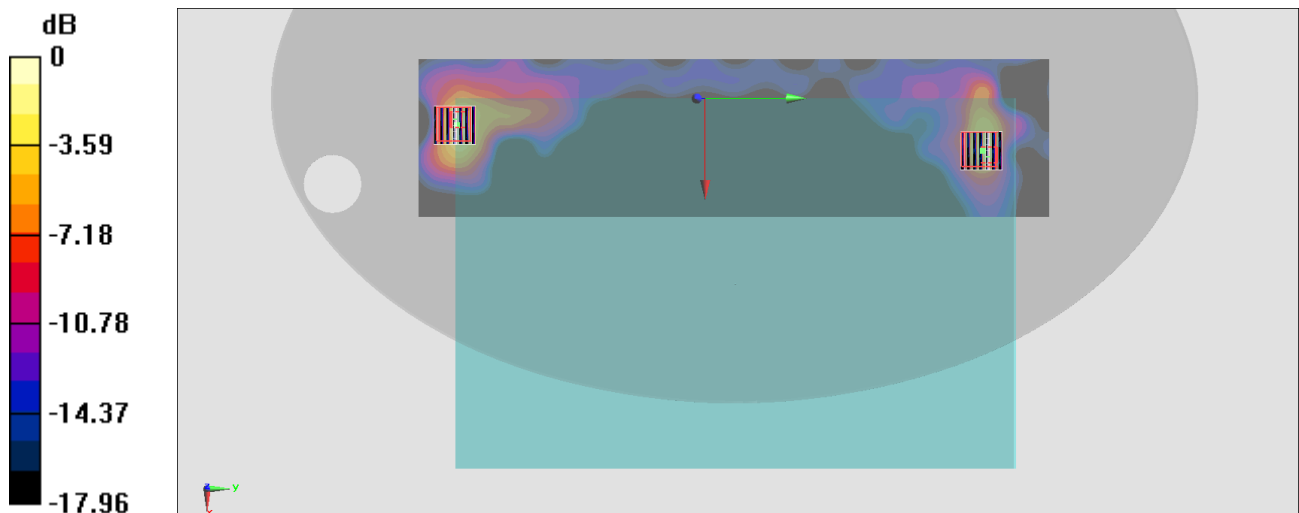
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.605 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



#03_WLAN5GHz_802.11ac-VHT160 MCS0_Bottom of Laptop_0mm_Ch114;Ant 1+2

Communication System: 802.11ac; Frequency: 5570 MHz; Duty Cycle: 1:1.003

Medium: HSL_5G_211220 Medium parameters used : $f = 5570$ MHz; $\sigma = 4.945$ S/m; $\epsilon_r = 35.554$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.99, 4.99, 4.99) @ 5570 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x401x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.590 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.212 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.590 W/kg

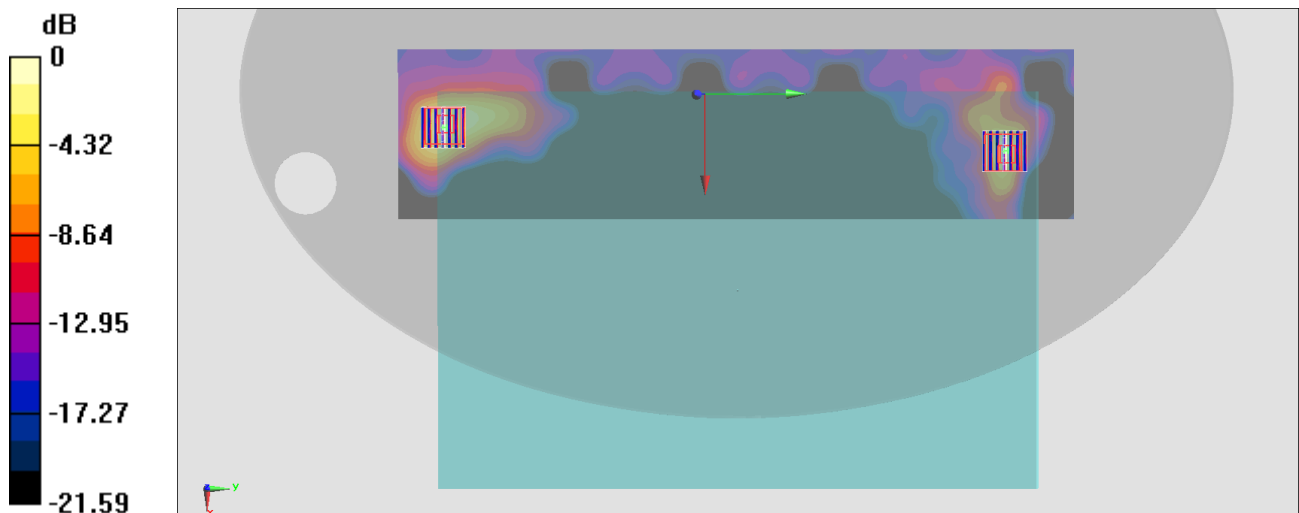
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.212 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.909 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom ofLaptop_0mm_Ch155;Ant 1+2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.003

Medium: HSL_5G_211220 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.118$ S/m; $\epsilon_r = 35.351$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.16, 5.16, 5.16) @ 5775 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x401x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.544 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.364 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 1.09 W/kg

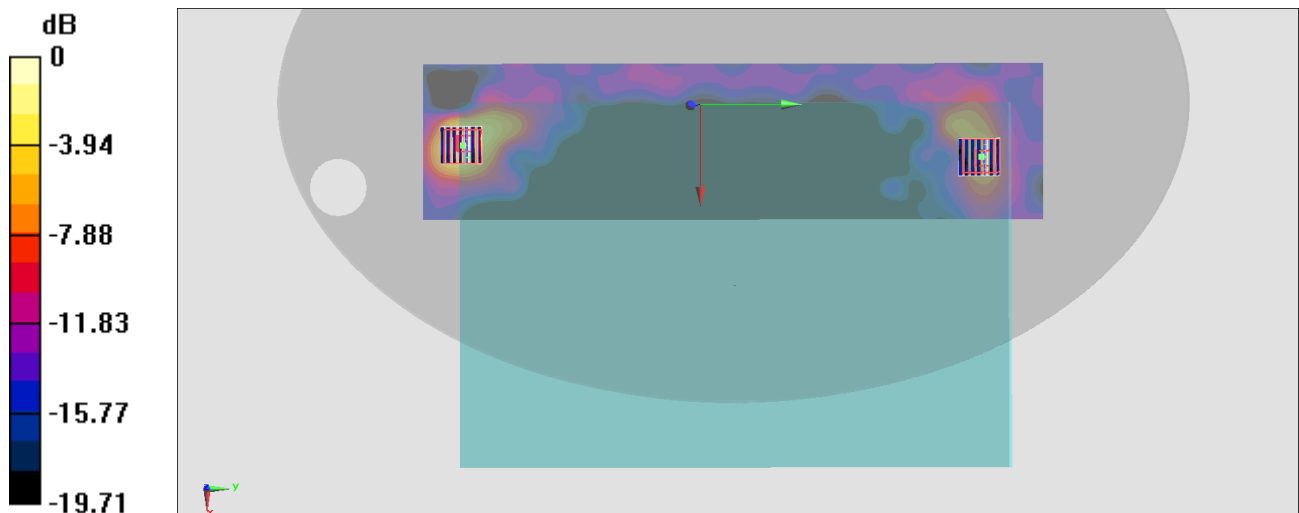
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.364 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.697 W/kg



0 dB = 0.544 W/kg = -2.64 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch00;Ant 2

Communication System: Bluetooth ; Frequency: 2402 MHz; Duty Cycle: 1:1.301

Medium: HSL_2450_211218 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.746$ S/m; $\epsilon_r = 39.947$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.93, 7.93, 7.93) @ 2402 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.862 W/kg

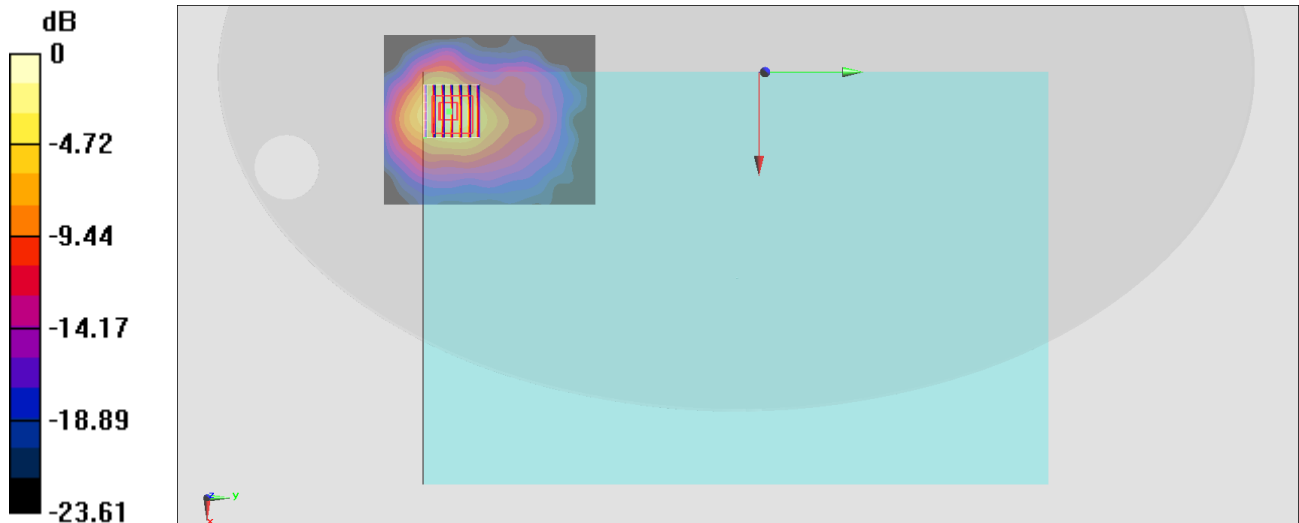
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.40 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

#06_WLAN6GHz_802.11ax-HE160 MCS0_Bottom of Laptop_0mm_Ch207;Ant 1+2

Communication System: U-NII-8; Frequency: 6985.0

Medium: HSL_6G_211221 Medium parameters used: $f=6985.0$ MHz; $\sigma=6.83$ S/m; $\epsilon_r=33.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.75, 5.75, 5.75); Calibrated: 2021-01-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn778; Calibrated: 2021-05-21
- Phantom: ELI V5.0 (20deg probe tilt); Serial: xxxx; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAC
- MAIA: Area Scan: Y; Zoom Scan: Y

Area Scan (119.0 mm x 391.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.434 W/kg; SAR (10g) = 0.124 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.14 dB

SAR (1g) = 0.436 W/kg; SAR (10g) = 0.120 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.14 dB

SAR (1g) = 0.316 W/kg; SAR (10g) = 0.072 W/kg;

