

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch1;Ant 1+2

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.003

Medium: HSL_2450_211216 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 39.425$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.93, 7.93, 7.93) @ 2412 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 (101x351x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.276 W/kg

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

Reference Value = 8.612 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 1.05 W/kg

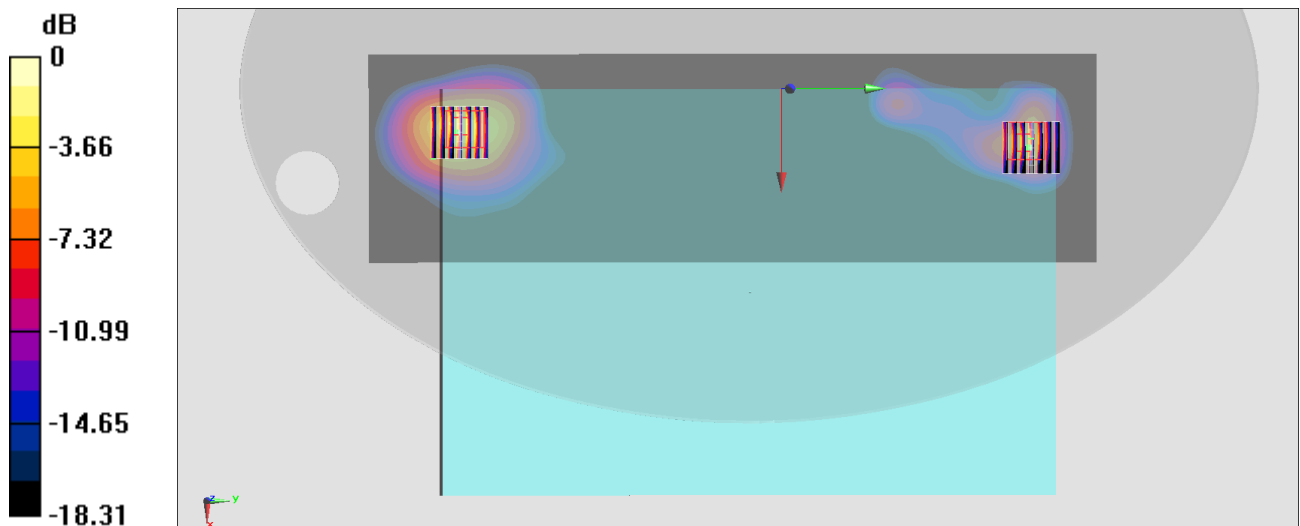
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.612 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.112 W/kg

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



0 dB = 0.490 W/kg = -3.10 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: 1:1.106

Medium: HSL_5G_211216 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.689$ S/m; $\epsilon_r = 37.44$; $\rho = 1000$ 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 (121x421x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.167 W/kg

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

Reference Value = 5.236 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.235 W/kg

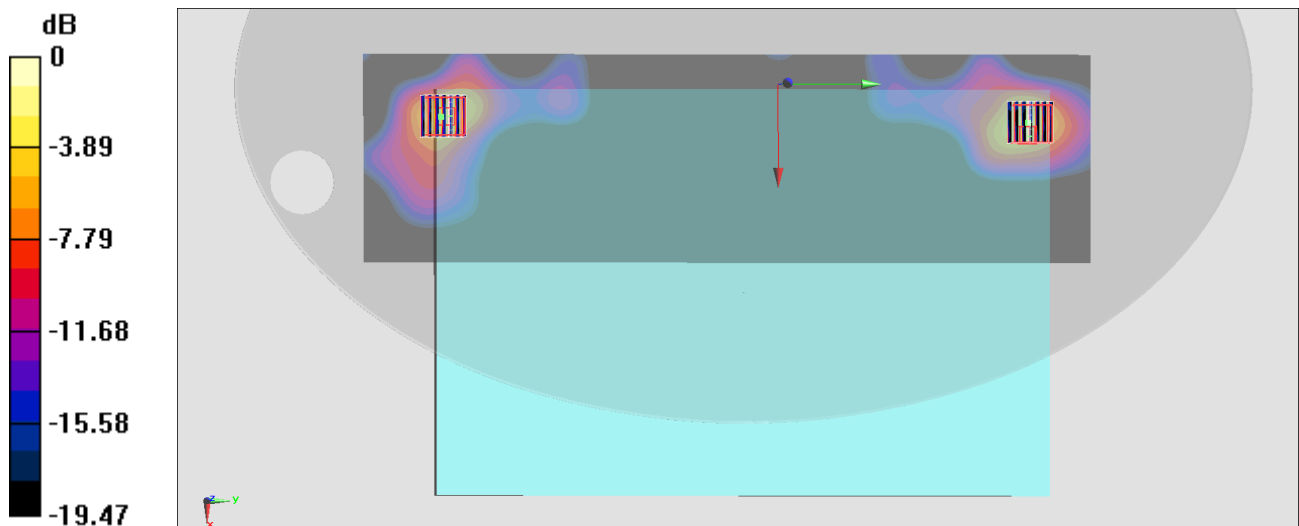
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.236 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.360 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: 1:1.106

Medium: HSL_5G_211216 Medium parameters used: $f = 5570$ MHz; $\sigma = 5.011$ S/m; $\epsilon_r = 37.002$; $\rho = 1000$ 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 (121x421x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.152 W/kg

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

Reference Value = 5.776 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.214 W/kg

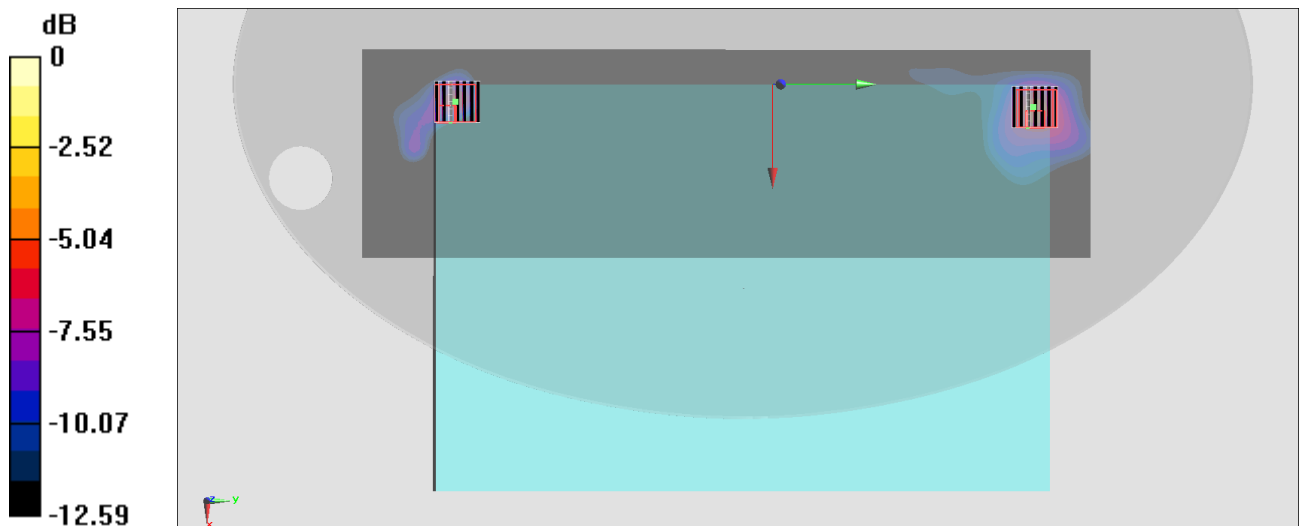
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.776 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.858 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.521 W/kg



0 dB = 0.521 W/kg = -2.83 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155;Ant 1+2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.106

Medium: HSL_5G_211216 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.234$ S/m; $\epsilon_r = 36.744$; $\rho = 1000$ 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 (121x421x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.125 W/kg

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

Reference Value = 5.063 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.368 W/kg

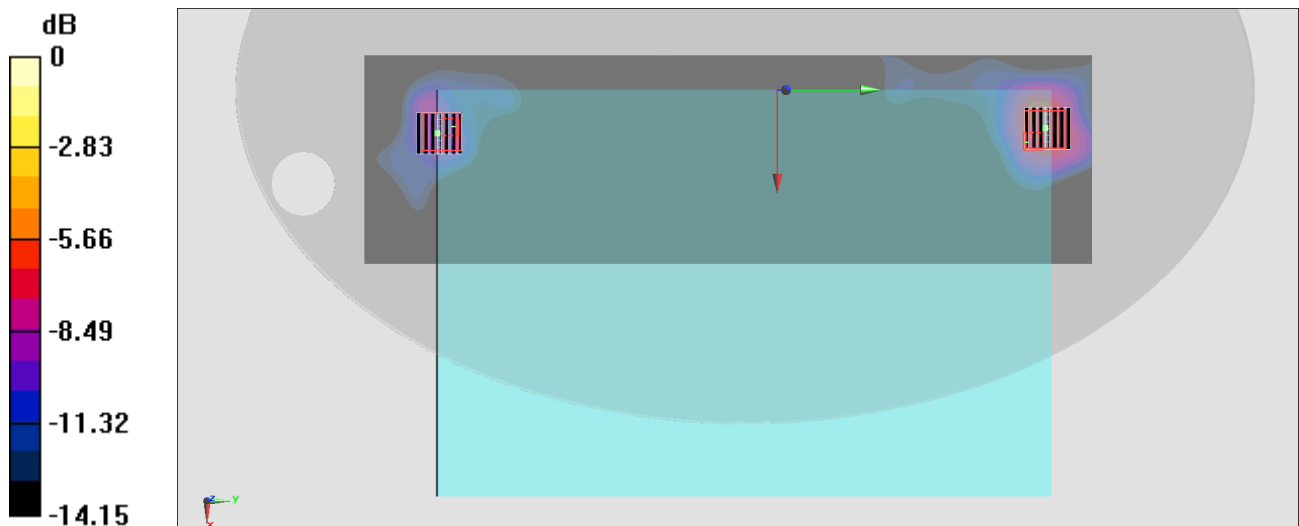
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.063 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.461 W/kg = -3.36 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_211216 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 39.596$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.93, 7.93, 7.93) @ 2450 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 (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.268 W/kg

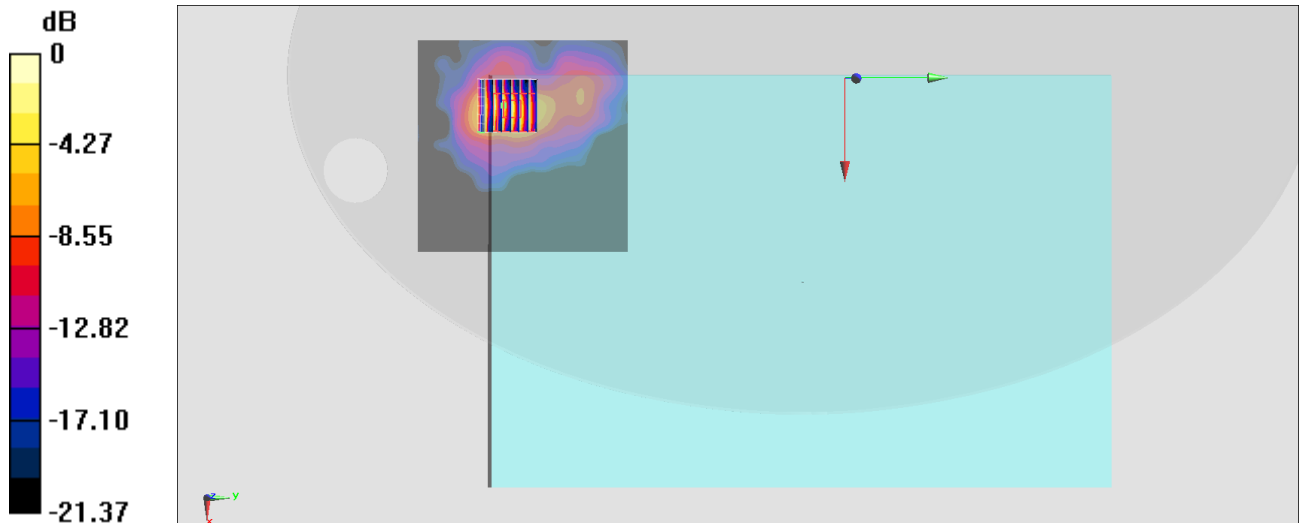
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.807 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.290 W/kg



0 dB = 0.290 W/kg = -5.38 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_211215 Medium parameters used: $f = 6985.0$ MHz; $\sigma = 6.89$ 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 (136.0 mm x 442.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.192 W/kg; SAR (10g) = 0.059 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 = -0.04 dB

SAR (1g) = 0.194 W/kg; SAR (10g) = 0.053 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 = -0.04 dB

SAR (1g) = 0.072 W/kg; SAR (10g) = 0.016 W/kg;

