

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

Communication System: 802.11b; Frequency: 2467 MHz; Duty Cycle: 1:1.019

Medium: HSL_2450_211220 Medium parameters used : $f = 2467$ MHz; $\sigma = 1.763$ S/m; $\epsilon_r = 38.867$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.94, 7.94, 7.94) @ 2467 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x301x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.317 W/kg

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

Reference Value = 11.43 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.322 W/kg

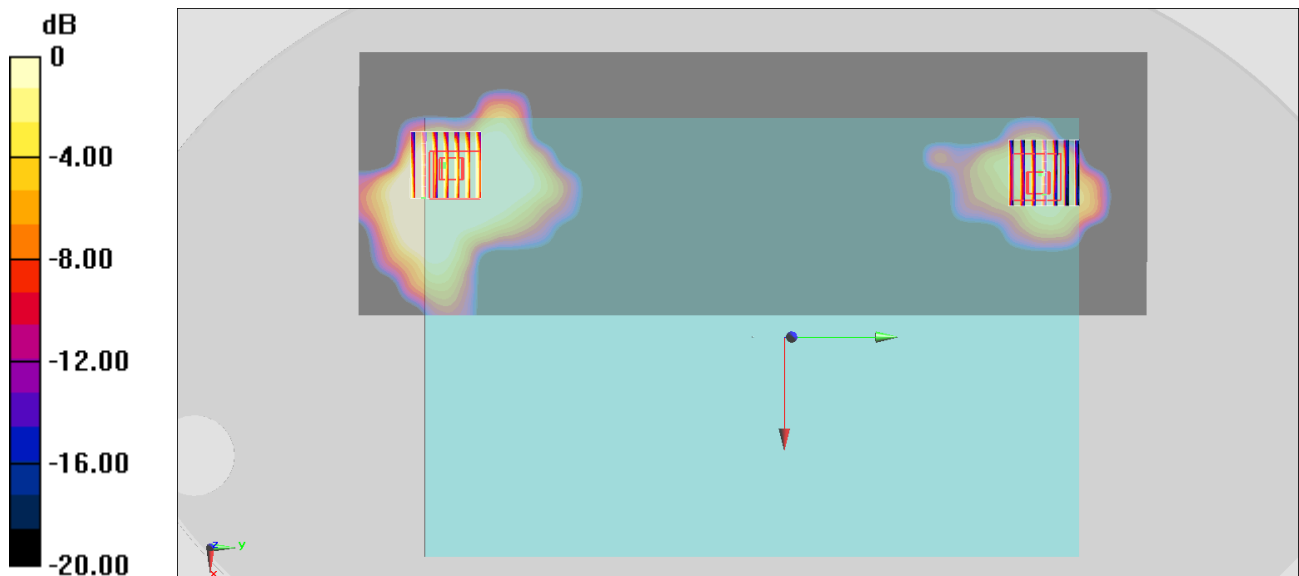
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.43 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0532 W/kg



0 dB = 0.0532 W/kg = -12.74 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; $\sigma = 4.657$ S/m; $\epsilon_r = 35.569$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5250 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x361x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.892 W/kg

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

Reference Value = 9.786 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.886 W/kg

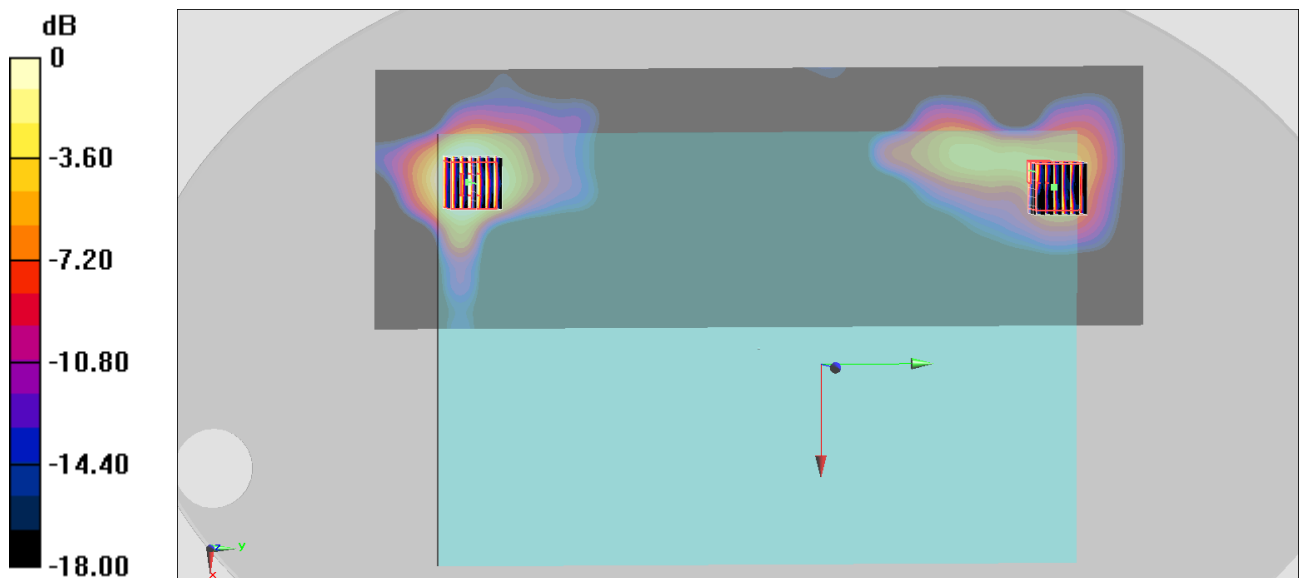
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 9.786 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.332 W/kg



0 dB = 0.332 W/kg = -4.79 dBW/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; $\sigma = 5.027$ S/m; $\epsilon_r = 35.025$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02) @ 5570 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x361x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.576 W/kg

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

Reference Value = 6.738 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.633 W/kg

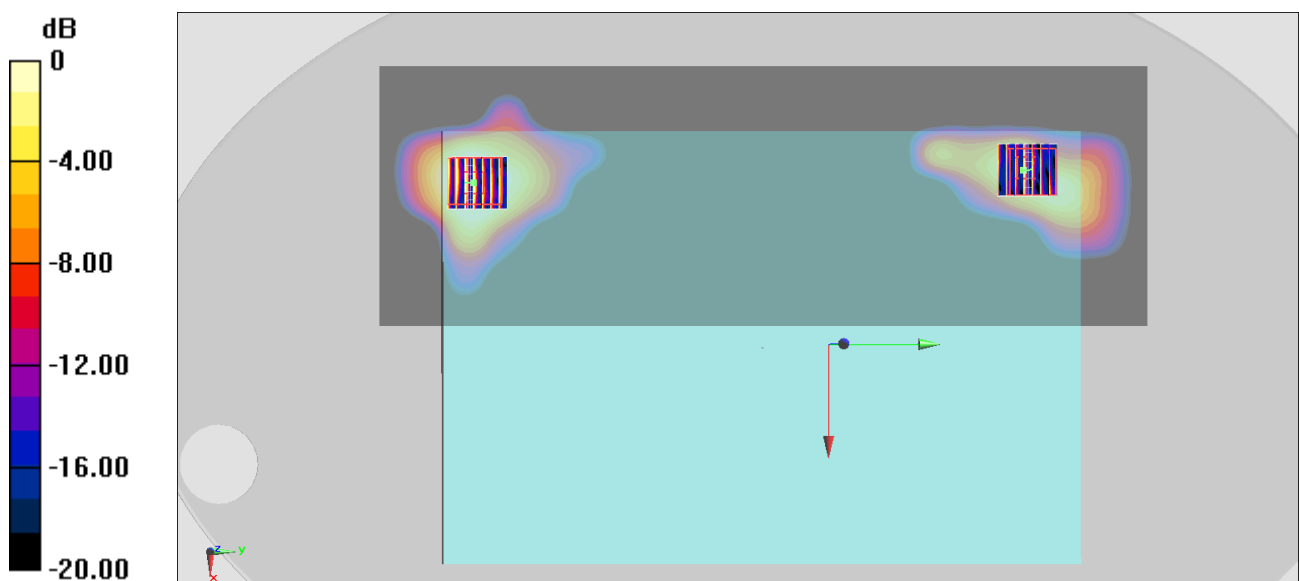
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 6.738 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 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: 1:1.003

Medium: HSL_5G_211220 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.268$ S/m; $\epsilon_r = 34.619$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(5.27, 5.27, 5.27) @ 5775 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x361x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.891 W/kg

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

Reference Value = 9.866 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.955 W/kg

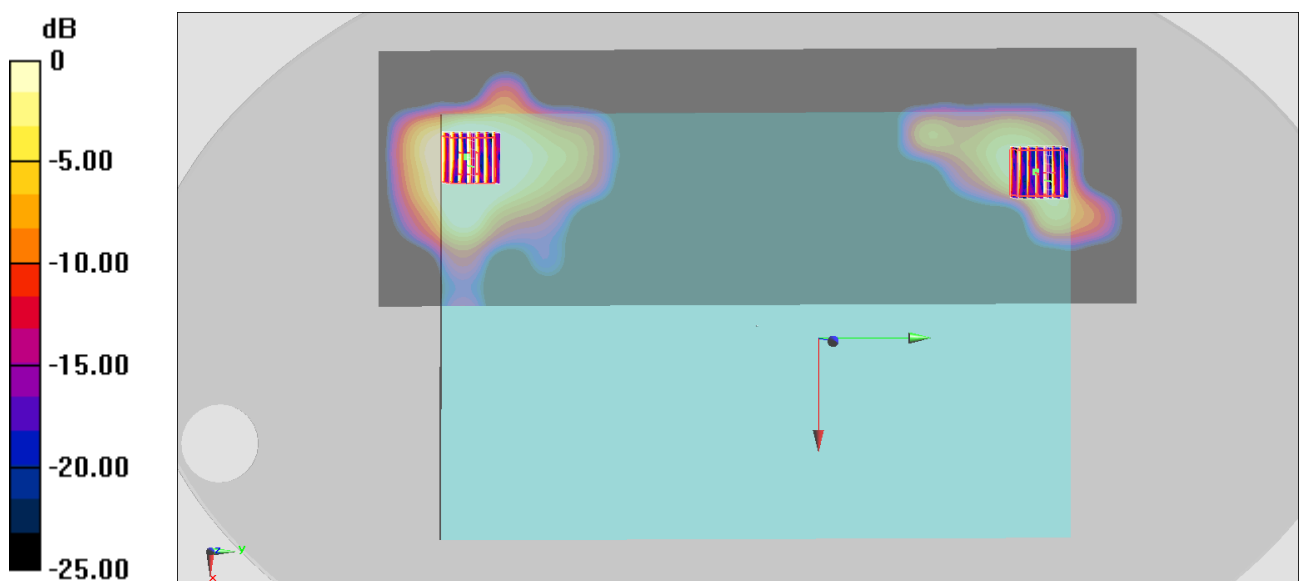
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.866 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch78;Ant 2

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.295

Medium: HSL_2450_211214 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.785$ S/m; $\epsilon_r = 38.864$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.94, 7.94, 7.94) @ 2480 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2021/7/14
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- 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) = 0.152 W/kg

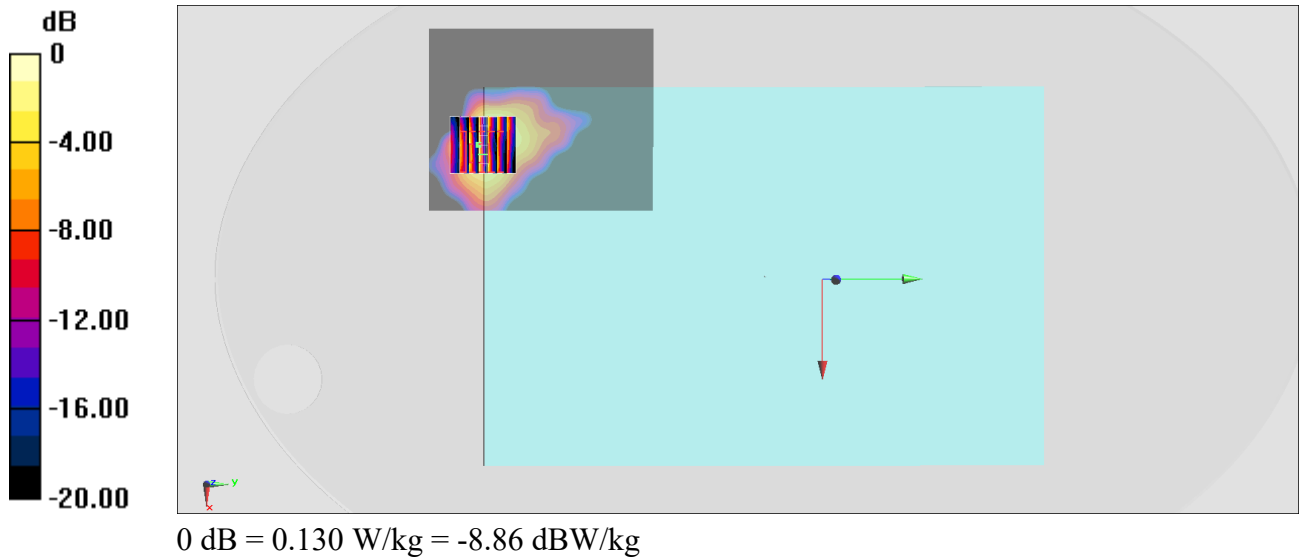
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.094 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



#06_WLAN6GHz_802.11ax-HE160 MCS0_Bottom of Laptop_0mm_Ch175;Ant 1+2

Communication System: U-NII-7; Frequency: 6825.0

Medium: HSL. Medium parameters used: $f = 6825.0$ MHz; $\sigma = 6.49$ S/m; $\epsilon_r = 34.9$

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 Sn854; Calibrated: 2021-08-19
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 10755-AAB
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (119.0 mm x 408.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.226 W/kg; SAR (10g) = 0.063 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 = -0.17 dB

SAR (1g) = 0.246 W/kg; SAR (10g) = 0.066 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 = -0.17 dB

SAR (1g) = 0.094 W/kg; SAR (10g) = 0.03 W/kg;

