

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch6;Ant 1

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: HSL_2450_201128 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 39.995$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.66, 7.66, 7.66) @ 2437 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.976 W/kg

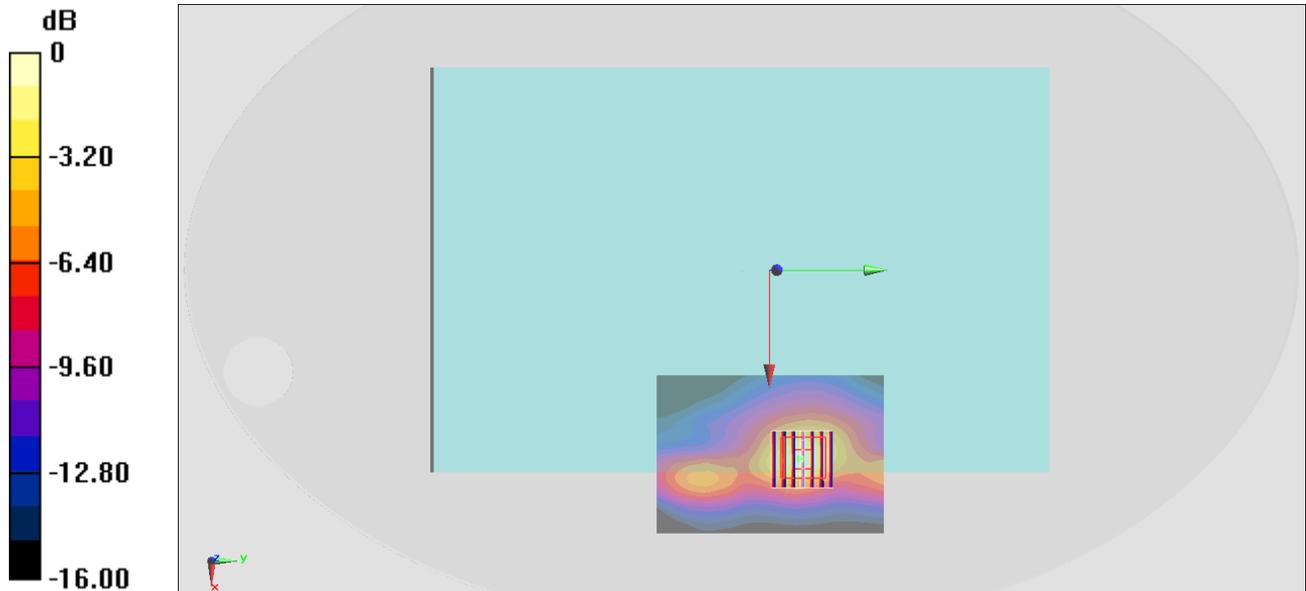
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.45 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 0.976 W/kg = -0.11 dBW/kg

#02_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch58;Ant 1

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1.013

Medium: HSL_5G_201128 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.697$ S/m; $\epsilon_r = 35.879$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346;ConvF(5.38, 5.38, 5.38) @ 5290 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.08 W/kg

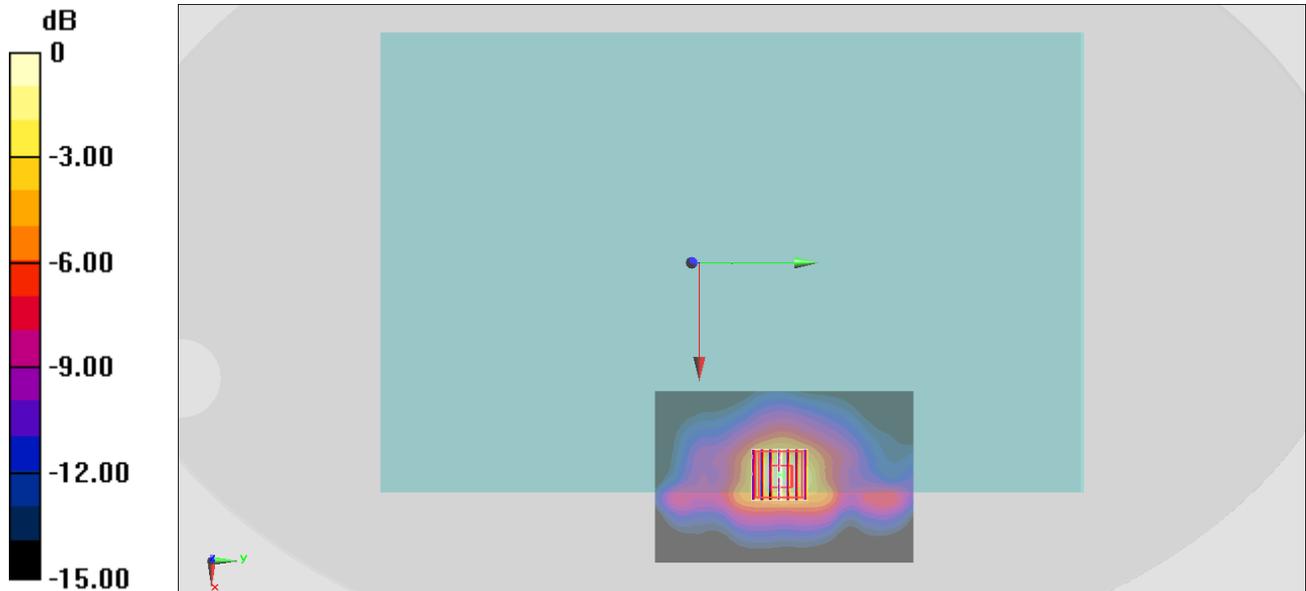
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.15 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch122;Ant 1

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.013

Medium: HSL_5G_201128 Medium parameters used : $f = 5610$ MHz; $\sigma = 5.014$ S/m; $\epsilon_r = 35.435$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346;ConvF(4.79, 4.79, 4.79) @ 5610 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.45 W/kg

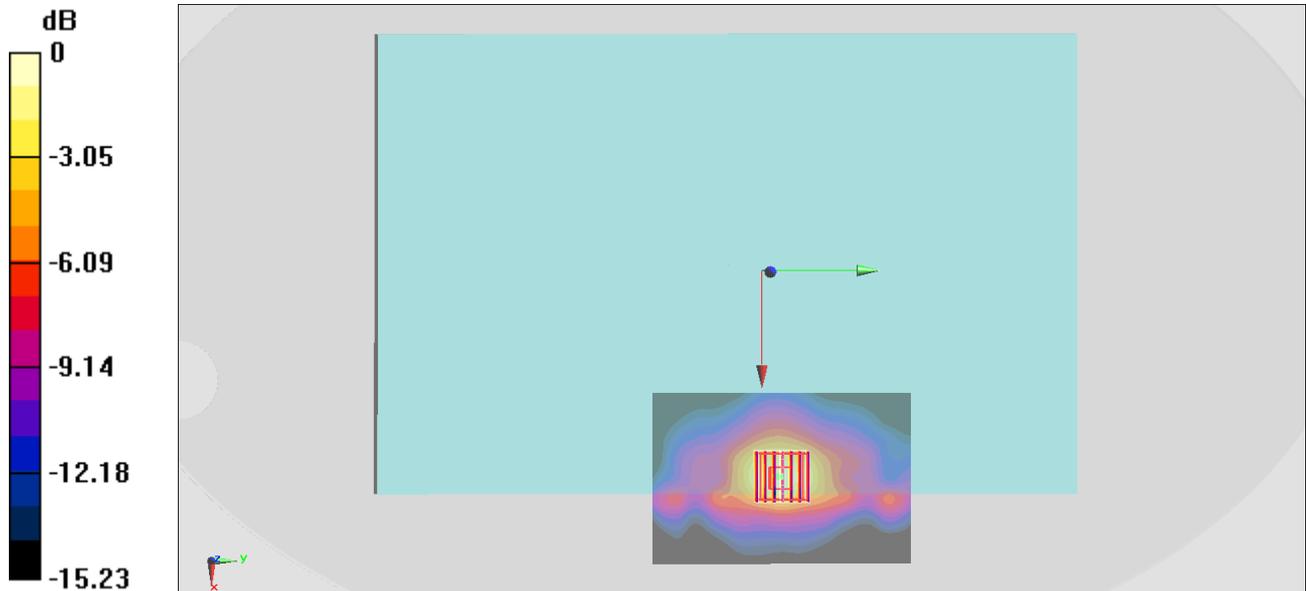
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.29 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.96 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 2.44 W/kg



0 dB = 2.45 W/kg = 3.89 dBW/kg

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

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.01

Medium: HSL_5G_201128 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.188$ S/m; $\epsilon_r = 35.212$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346;ConvF(4.84, 4.84, 4.84) @ 5775 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.51 W/kg

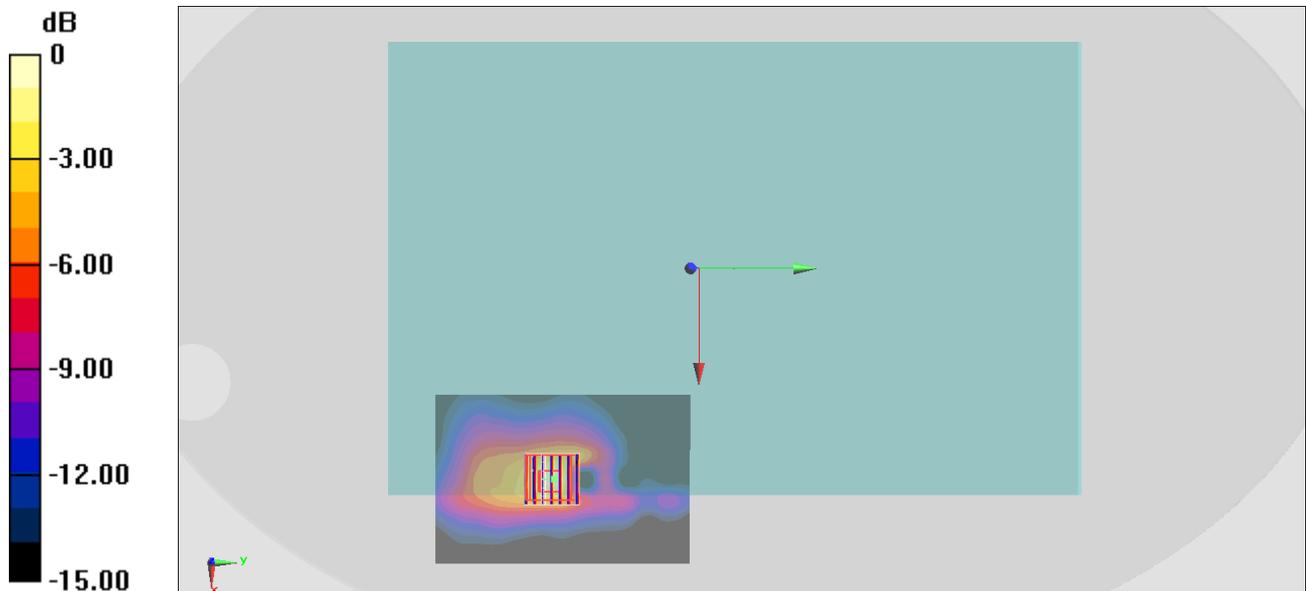
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.93 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.42 W/kg

SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch78;Ant 1

Communication System: Bluetooth ; Frequency: 2480 MHz;Duty Cycle: 1:1.297

Medium: HSL_2450_201128 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 39.986$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346;ConvF(7.66, 7.66, 7.66) @ 2480 MHz;Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

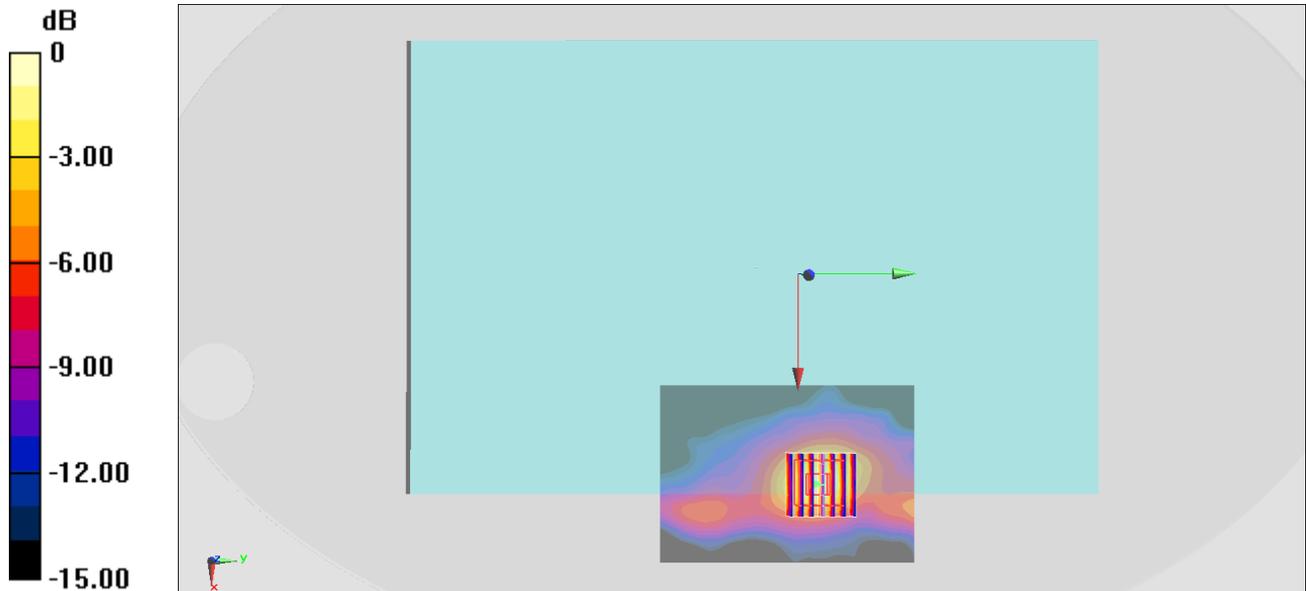
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.940 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg = -9.32 dBW/kg