

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch11;Ant 1

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.001

Medium: HSL_2450_220117 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.989$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.6, 4.6, 4.6) @ 2462 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2021/6/1
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.15 W/kg

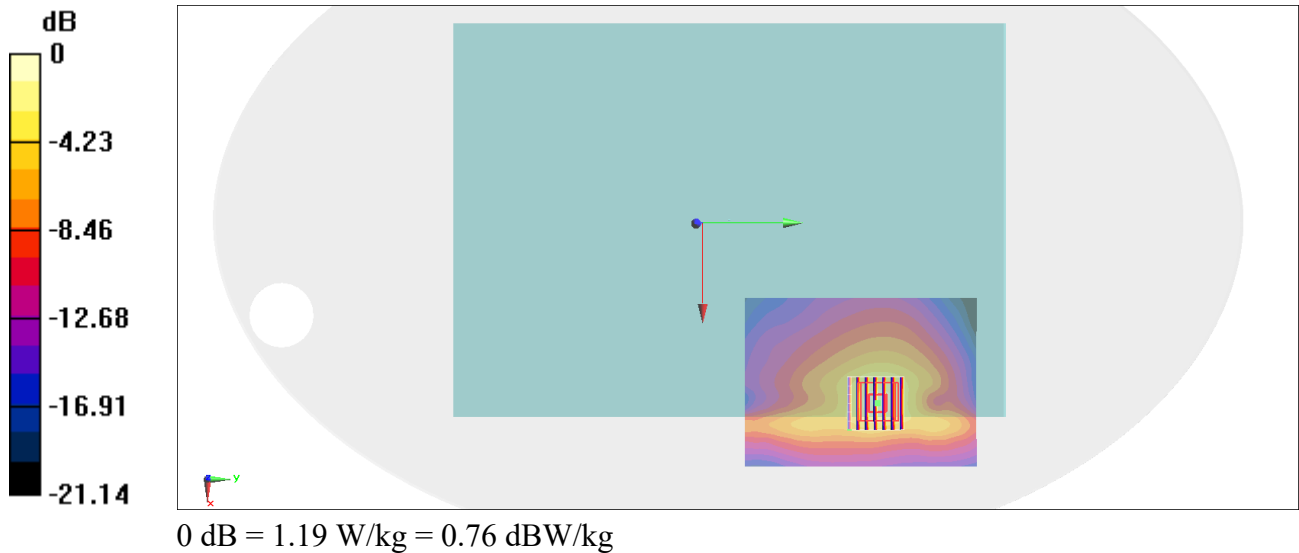
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.32 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



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

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.022

Medium: HSL_5G_220118 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.854$ S/m; $\epsilon_r = 36.873$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.25, 5.25, 5.25) @ 5290 MHz; Calibrated: 2021/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

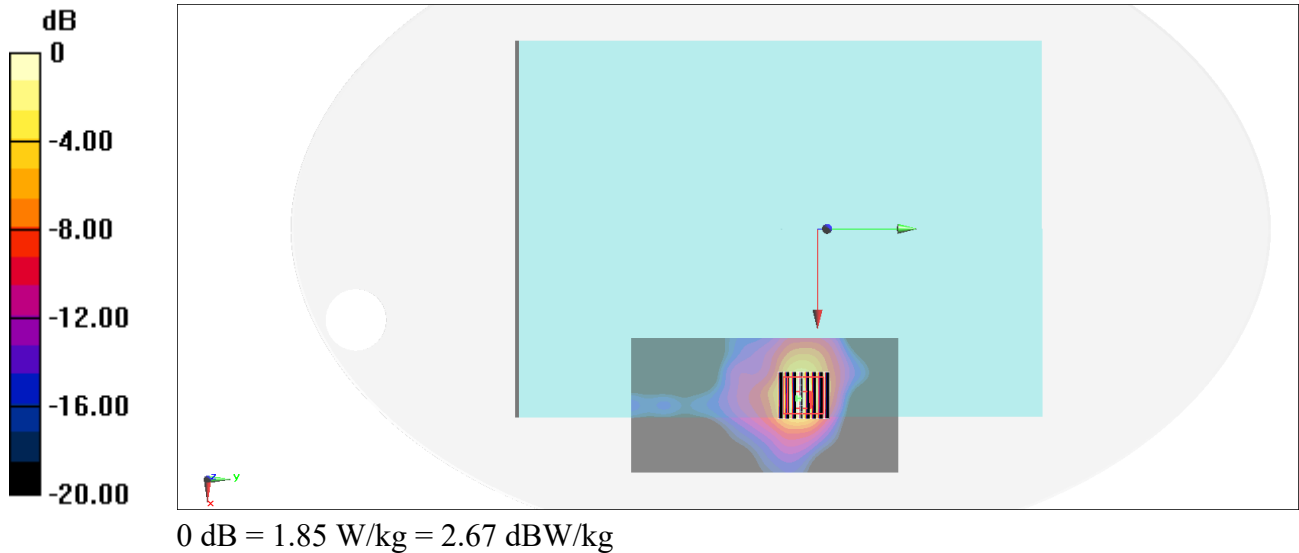
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.915 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.11 W/kg

SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 1.85 W/kg



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch106;Ant 2

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.022

Medium: HSL_5G_220118 Medium parameters used : $f = 5530$ MHz; $\sigma = 5.105$ S/m; $\epsilon_r = 36.53$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.07, 5.07, 5.07) @ 5530 MHz; Calibrated: 2021/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.30 W/kg

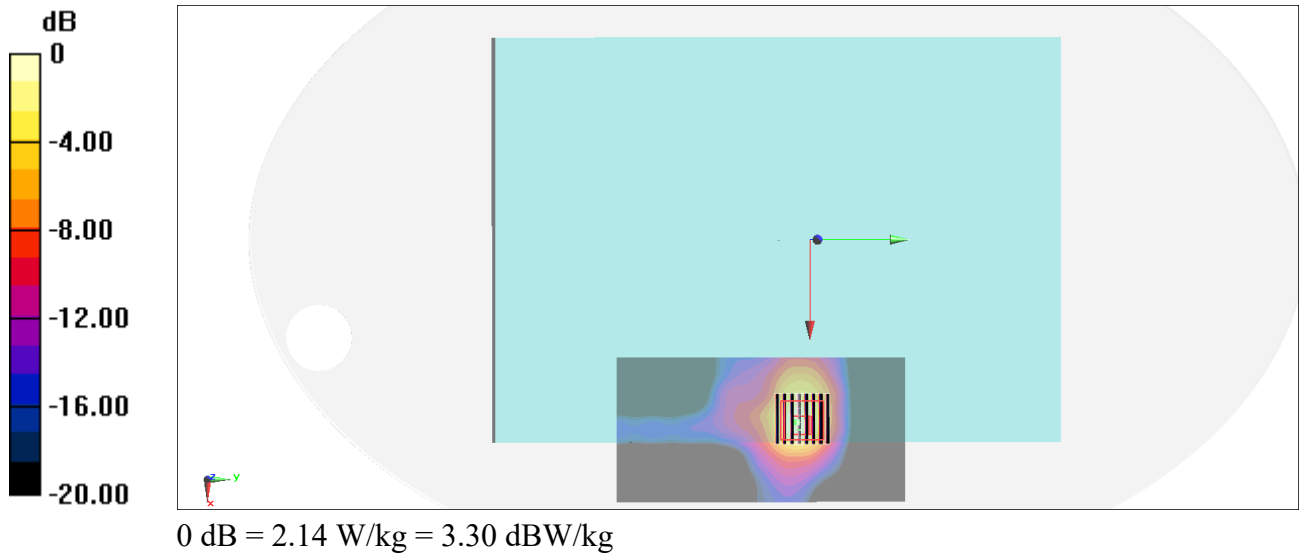
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 10.81 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 3.76 W/kg

SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 2.14 W/kg



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

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.022

Medium: HSL_5G_220118 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.383$ S/m; $\epsilon_r = 36.166$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.87, 4.87, 4.87) @ 5775 MHz; Calibrated: 2021/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.20 W/kg

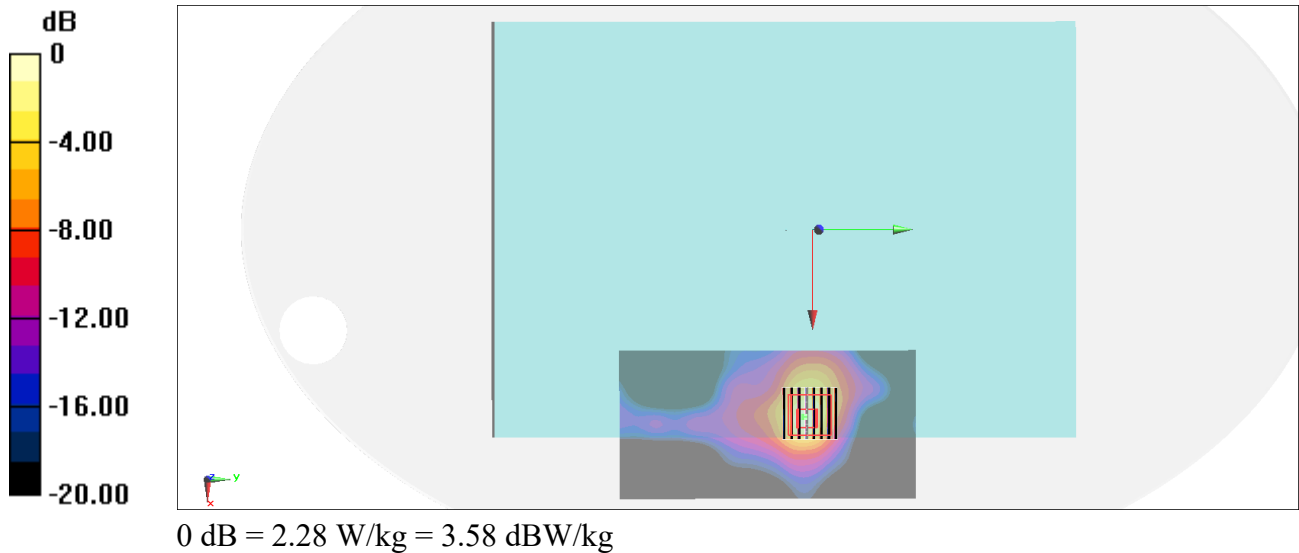
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.577 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 2.28 W/kg



#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch78

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

Medium: HSL_2450_220126 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 38.967$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.52, 7.52, 7.52) @ 2480 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2021/2/11
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x141x1): 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 = 6.237 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.123 W/kg

