

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch1_Ant 2

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

Medium: HSL_2450_211102 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.789$ S/m; $\epsilon_r = 38.946$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.34, 7.34, 7.34) @ 2412 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.07 W/kg

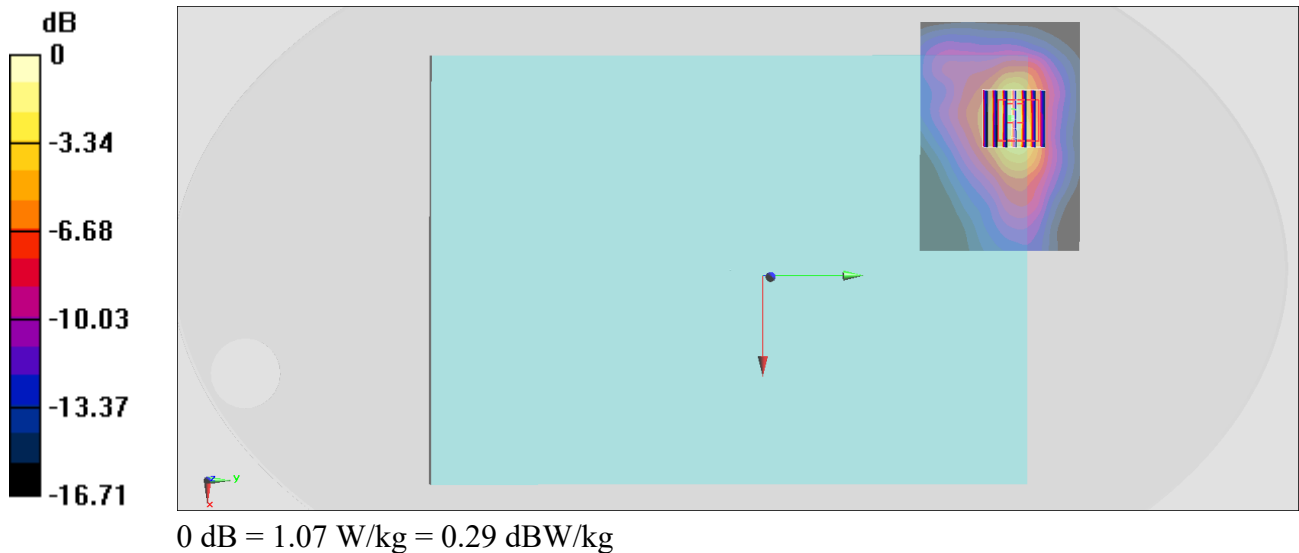
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.87 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 1.07 W/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

Medium: HSL_5G_211102 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.716$ S/m; $\epsilon_r = 36.179$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(5.39, 5.39, 5.39) @ 5290 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x81x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.78 W/kg

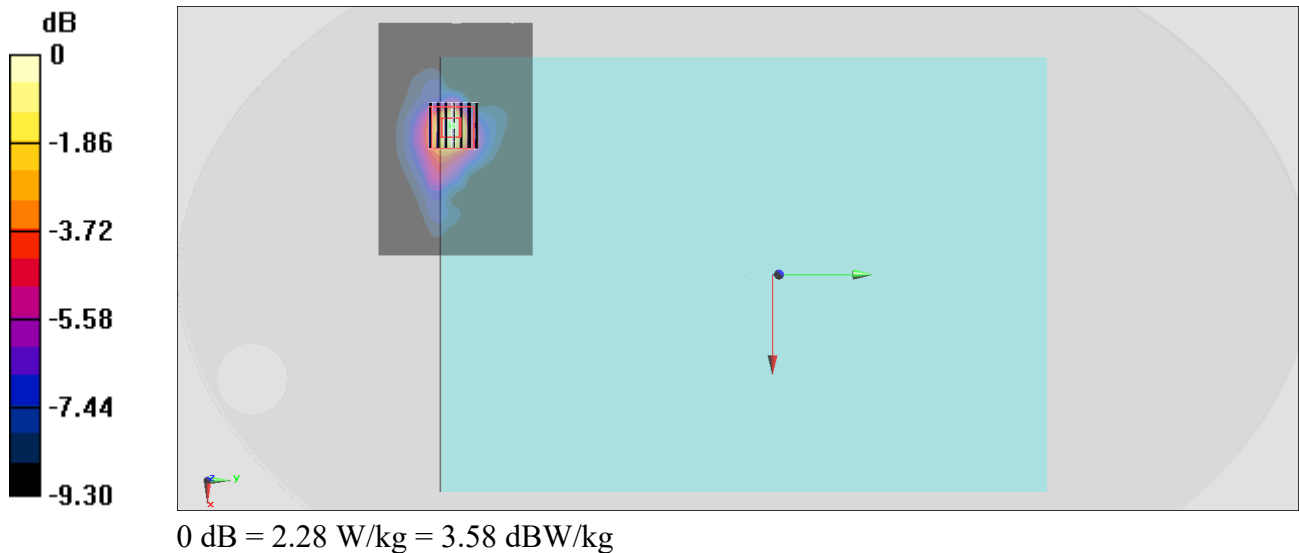
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 19.13 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.508 W/kg

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



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch106_Ant 1

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

Medium: HSL_5G_211102 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.954$ S/m; $\epsilon_r = 35.877$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(5, 5, 5) @ 5530 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.62 W/kg

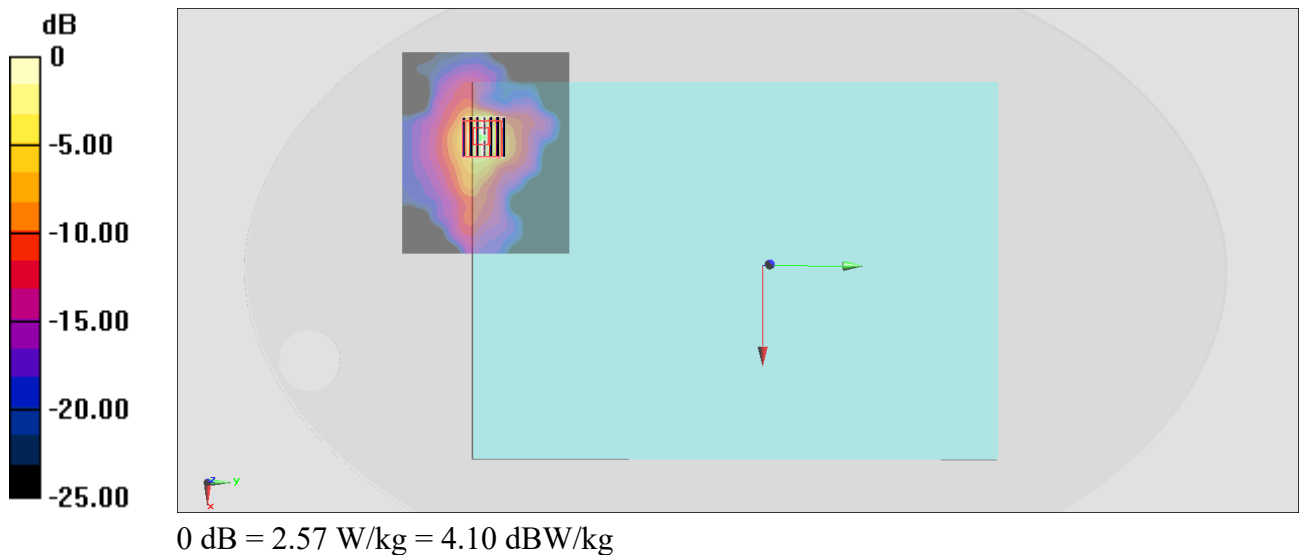
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 15.94 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.49 W/kg

SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 2.57 W/kg



#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155_Ant 1

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

Medium: HSL_5G_211102 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.205$ S/m; $\epsilon_r = 35.569$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(5.05, 5.05, 5.05) @ 5775 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x81x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

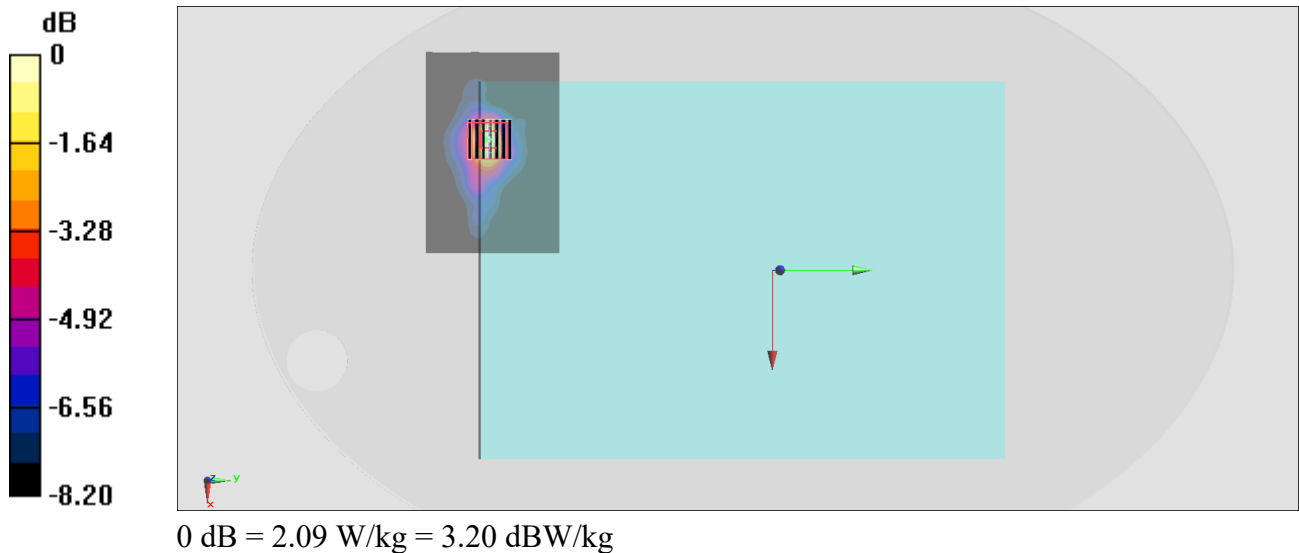
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 16.92 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.72 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.560 W/kg

Maximum value of SAR (measured) = 2.09 W/kg



#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch78_Ant 2

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

Medium: HSL_2450_211102 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 38.603$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.34, 7.34, 7.34) @ 2480 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.233 W/kg

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

Reference Value = 7.349 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.249 W/kg

