

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

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

Medium: HSL_2450_220125 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 38.893$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(7.94, 7.94, 7.94) @ 2437 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 (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.845 W/kg

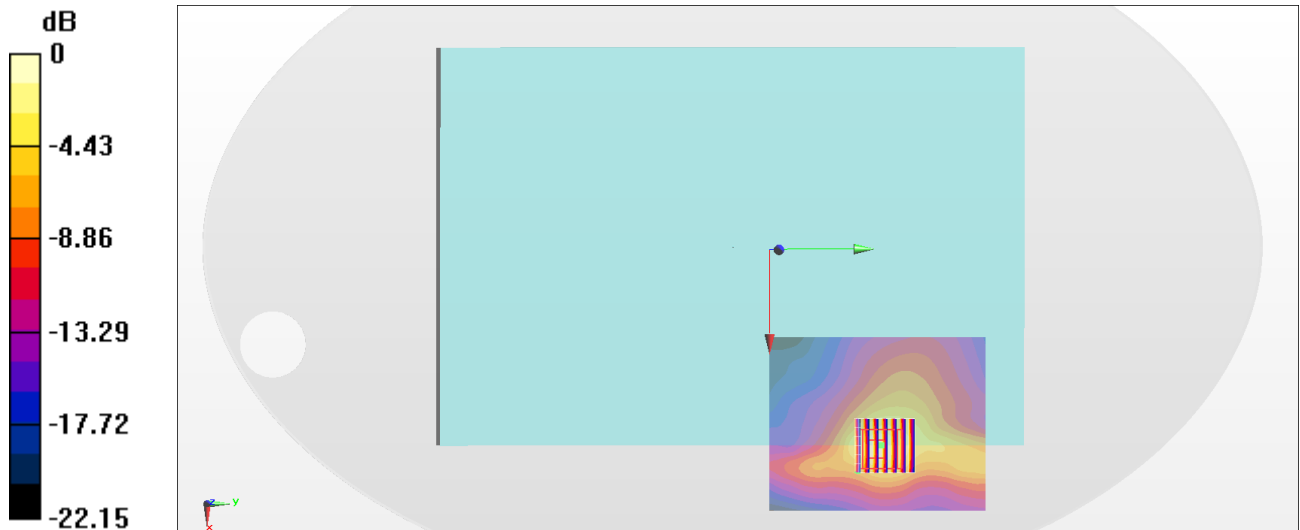
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.51 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 0.813 W/kg



0 dB = 0.813 W/kg = -0.90 dBW/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

Medium: HSL_5G_220125 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.62$ S/m; $\epsilon_r = 35.905$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5290 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 (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.518 W/kg

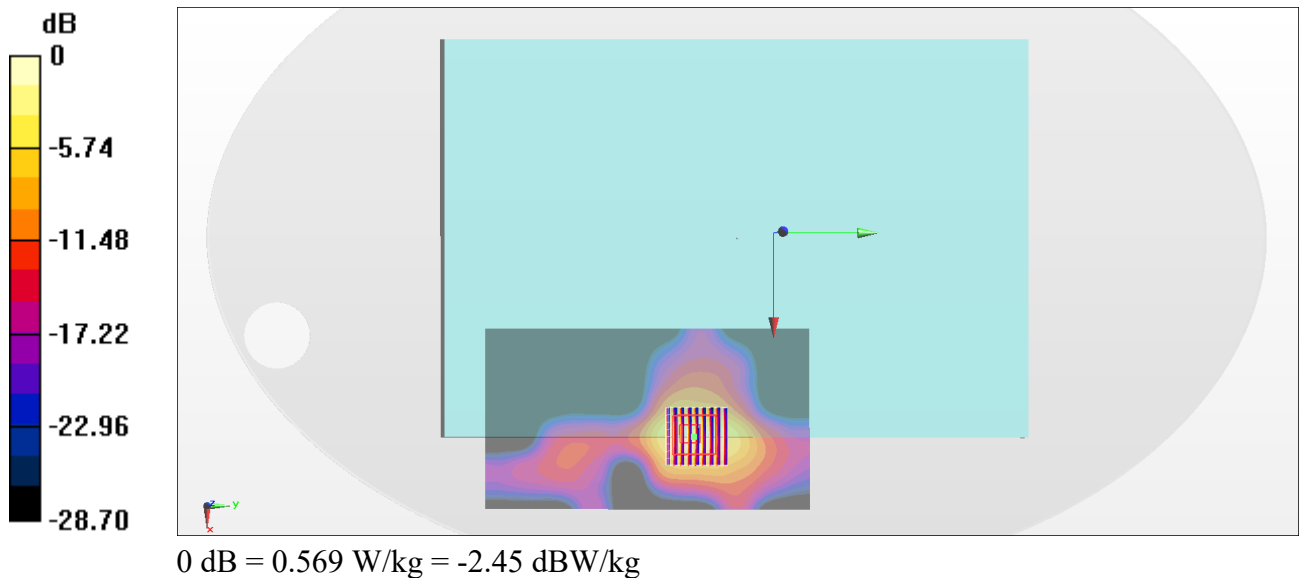
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.32 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.569 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

Medium: HSL_5G_220125 Medium parameters used : $f = 5530$ MHz; $\sigma = 4.851$ S/m; $\epsilon_r = 35.645$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02) @ 5530 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 (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.505 W/kg

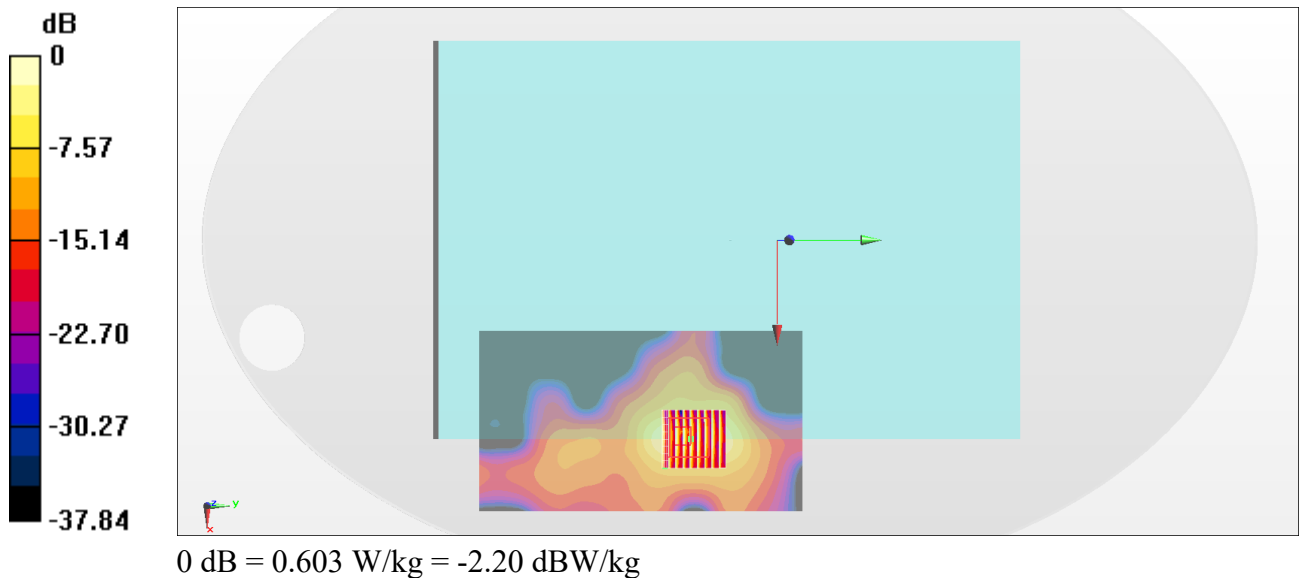
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 10.95 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.603 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

Medium: HSL_5G_220125 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.122$ S/m; $\epsilon_r = 35.295$; $\rho = 1000$ 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 (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

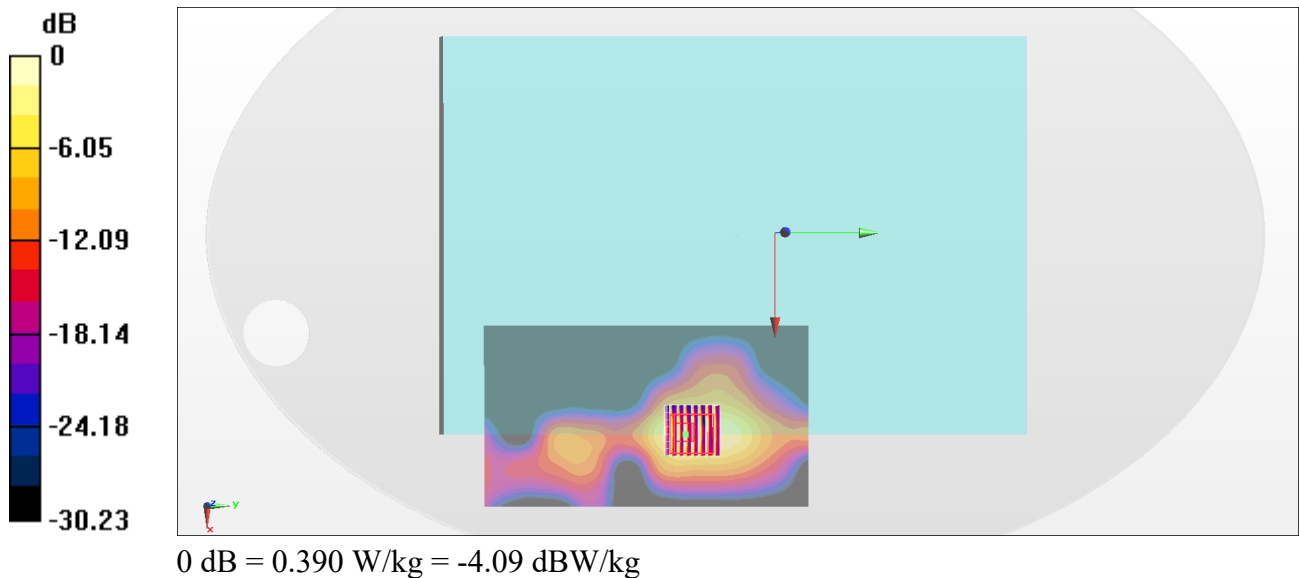
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.409 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.390 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_220125 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.842$ S/m; $\epsilon_r = 38.71$; $\rho = 1000$ 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: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0260 W/kg

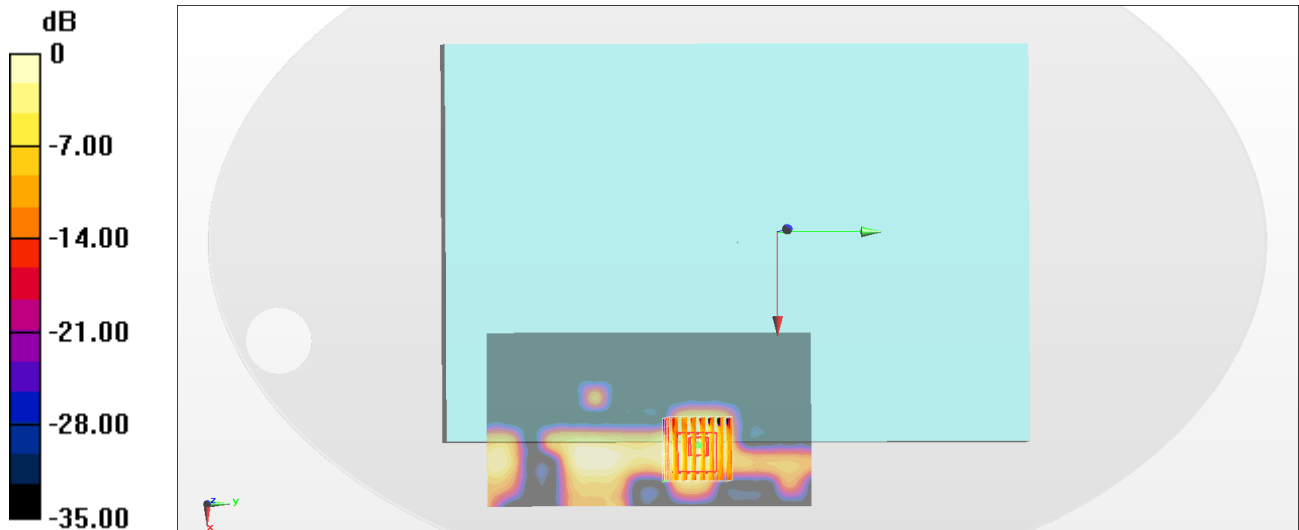
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.980 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00561 W/kg

Maximum value of SAR (measured) = 0.0240 W/kg



0 dB = 0.0240 W/kg = -16.20 dBW/kg