

#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_190725 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.744$ S/m; $\epsilon_r = 38.719$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3170; ConvF(4.63, 4.63, 4.63) @ 2437 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.965 W/kg

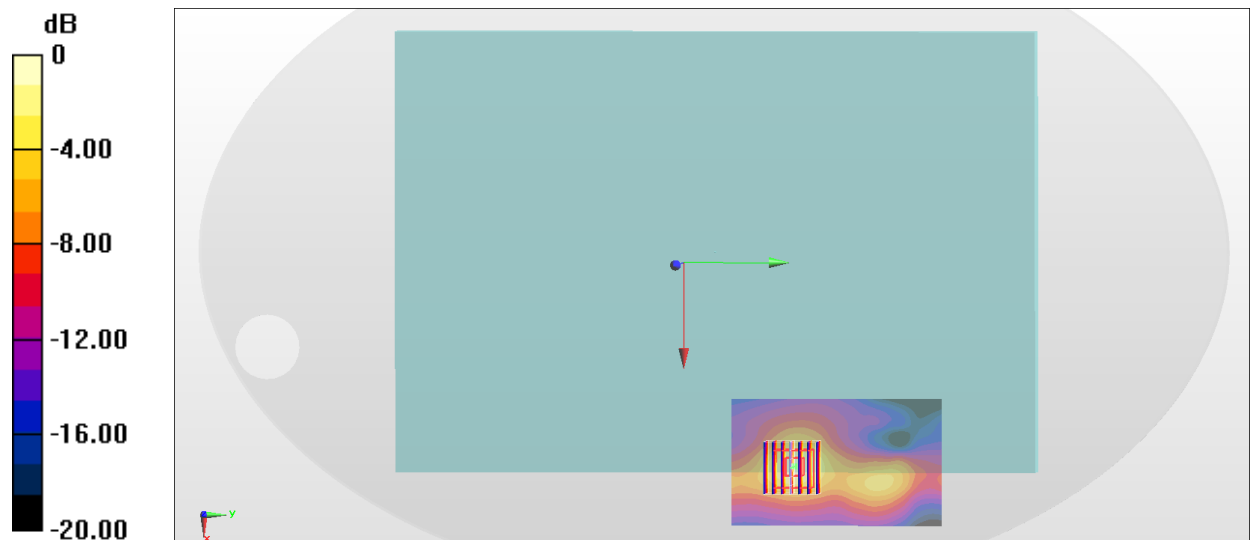
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.38 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.966 W/kg



#02_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch58_Ant 2

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.007

Medium: HSL_5G_190726 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.635$ S/m; $\epsilon_r = 37.414$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.54, 4.54, 4.54) @ 5290 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

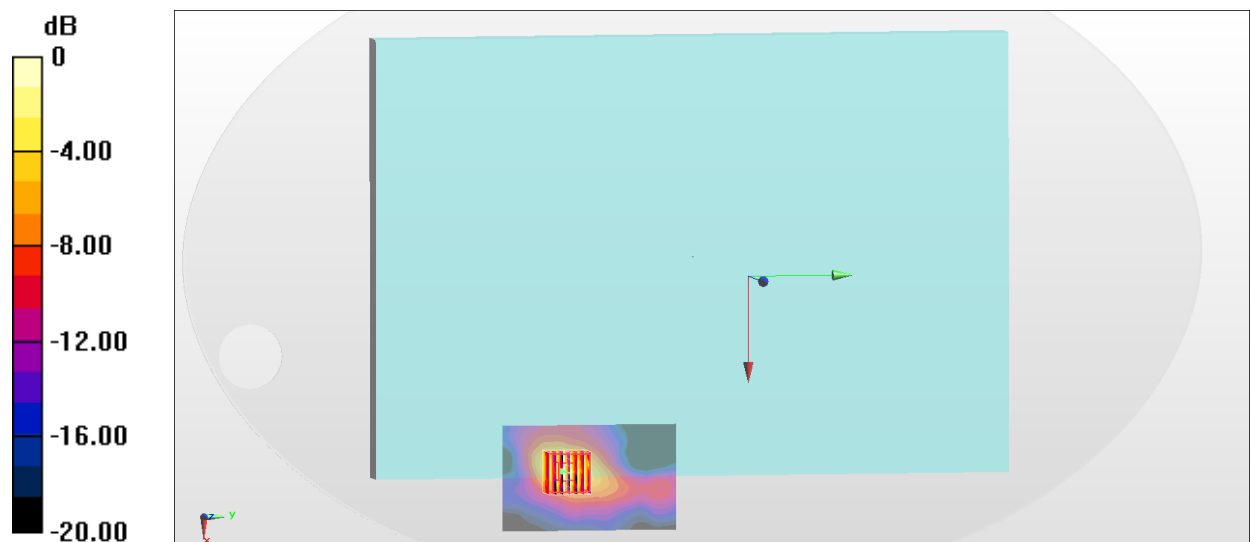
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.15 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 2.34 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch138_Ant 2

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.007

Medium: HSL_5G_190726 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.063$ S/m; $\epsilon_r = 36.834$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36) @ 5690 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 1.92 W/kg

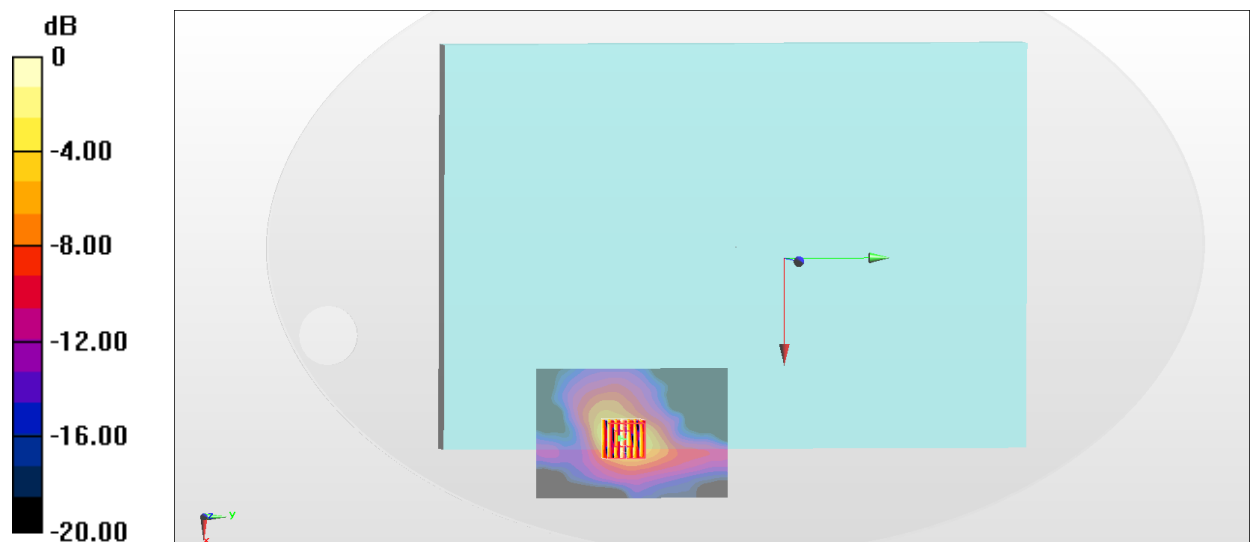
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.45 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 2.06 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg

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

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.008

Medium: HSL_5G_190726 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.154$ S/m; $\epsilon_r = 36.681$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36) @ 5775 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.77 W/kg

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

Reference Value = 19.78 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 1.92 W/kg

