

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch1;Ant1+2

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.047

Medium: HSL_2450_230119 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 39.411$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.82, 7.82, 7.82) @ 2412 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (121x381x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.67 W/kg

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

Reference Value = 24.23 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.542 W/kg

Maximum value of SAR (measured) = 1.54 W/kg

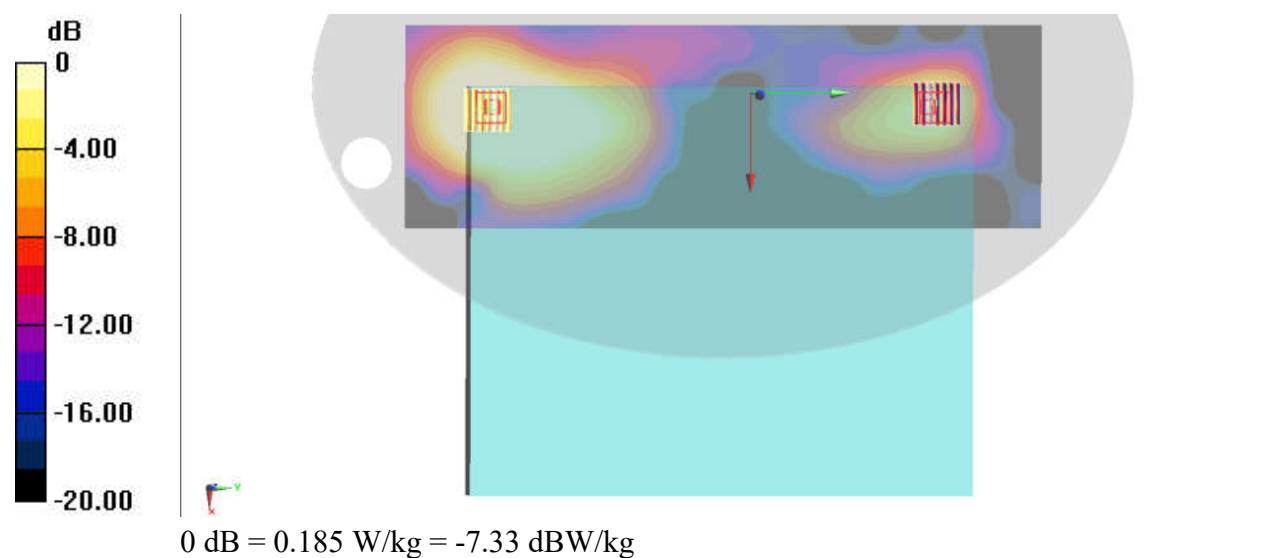
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.23 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



#02_WLAN5GHz_802.11ac-VHT20 MCS0_Bottom of Laptop_0mm_Ch52;Ant1+2

Communication System: 802.11ac; Frequency: 5260 MHz; Duty Cycle: 1:1.052

Medium: HSL_5G_230119 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.681$ S/m; $\epsilon_r = 35.748$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.5, 5.5, 5.5) @ 5260 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (141x441x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.80 W/kg

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

Reference Value = 20.94 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.11 W/kg

SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 2.01 W/kg

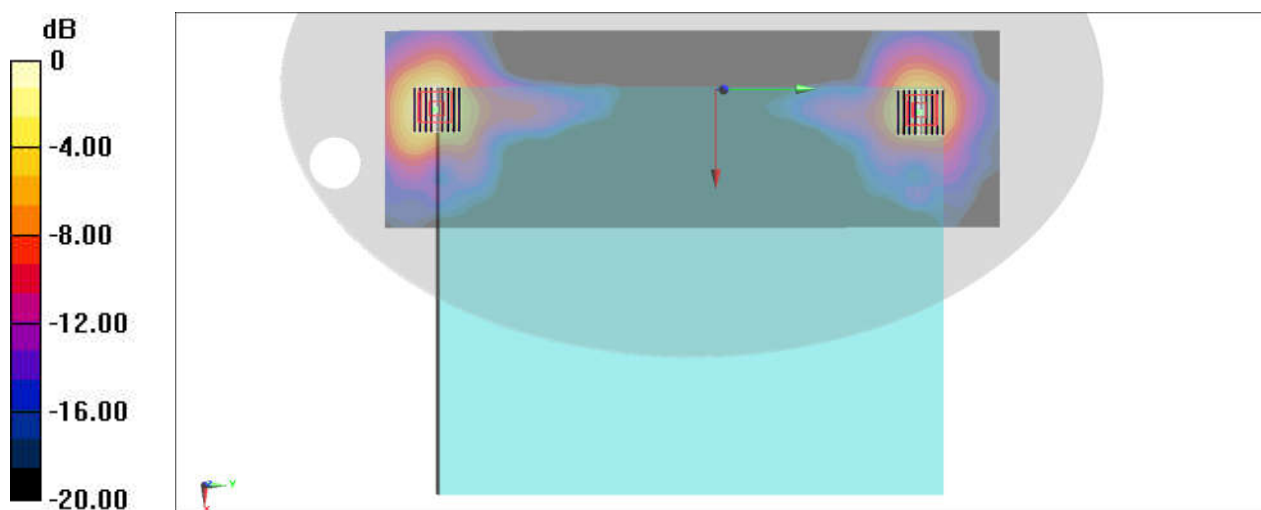
Zoom Scan (9x9x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.94 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch138;Ant1+2

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.109

Medium: HSL_5G_230119 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.185$ S/m; $\epsilon_r = 34.992$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.23, 5.23, 5.23) @ 5690 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (141x441x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.03 W/kg

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

Reference Value = 21.18 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.32 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.394 W/kg

Maximum value of SAR (measured) = 2.54 W/kg

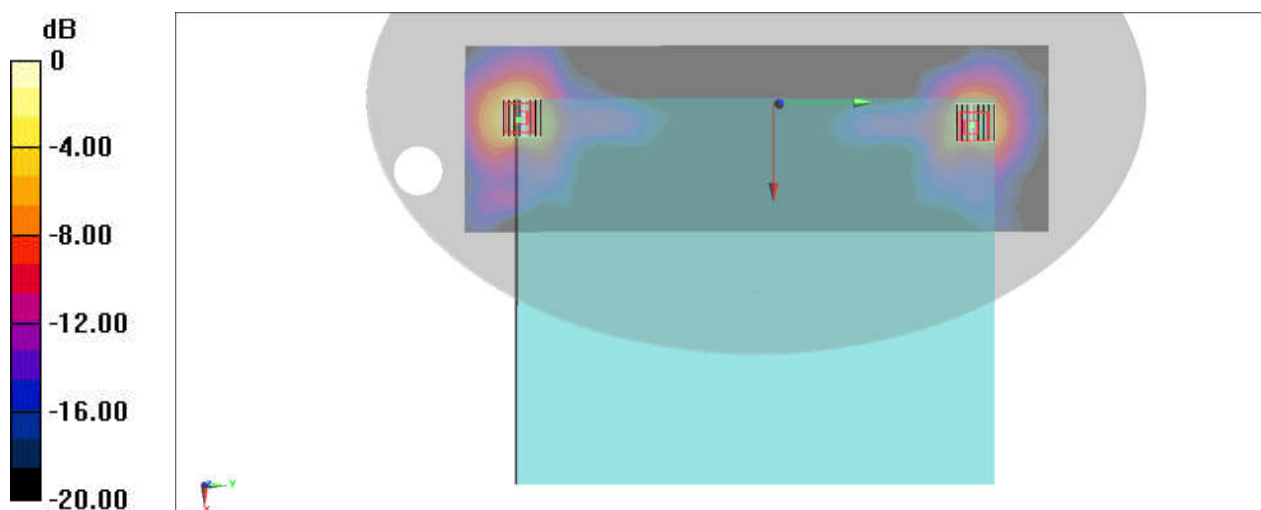
Zoom Scan (8x8x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.18 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

#04_WLAN5GHz_802.11ac-VHT40 MCS0_Bottom of Laptop_0mm_Ch159;Ant1+2

Communication System: 802.11ac; Frequency: 5795 MHz; Duty Cycle: 1:1.092

Medium: HSL_5G_230119 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.308$ S/m; $\epsilon_r = 34.793$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.23, 5.23, 5.23) @ 5795 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (141x441x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.74 W/kg

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

Reference Value = 19.37 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 2.18 W/kg

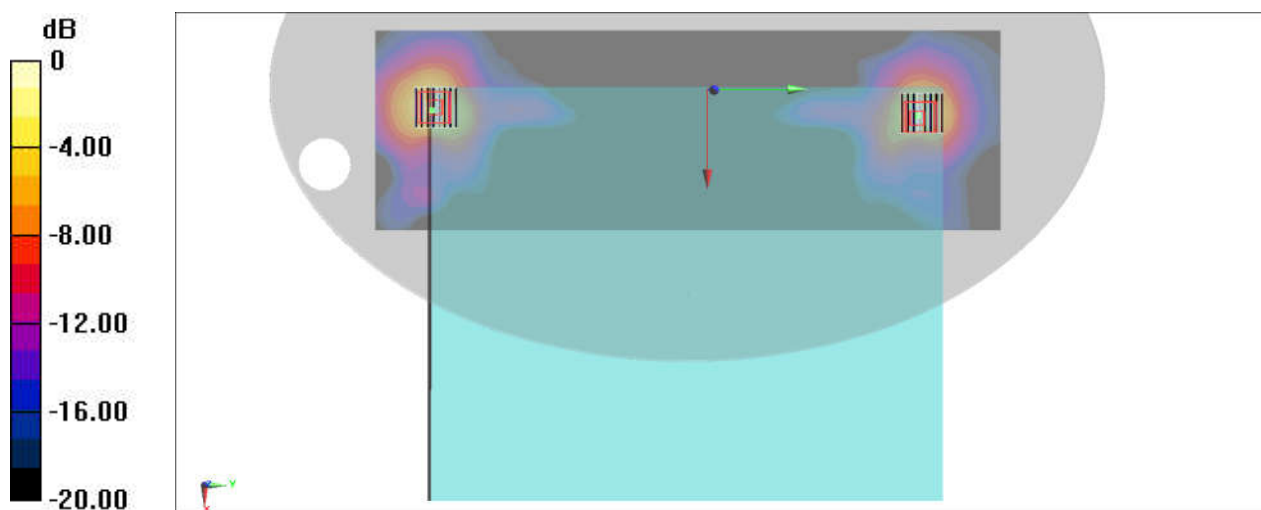
Zoom Scan (8x8x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.37 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

#05_WLAN6GHz_802.11ax-HE160 MCS0_Bottom of Laptop_0mm_Ch207;Ant 1+2

Communication System: IEEE 802.11ax ; Frequency: 6985.0 MHz; Duty Cycle: 1:1.092
Medium: HSL_6G_230120 Medium parameters used: $f=6985.0$ MHz; $\sigma=6.75$ S/m; $\epsilon_r=33.7$
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

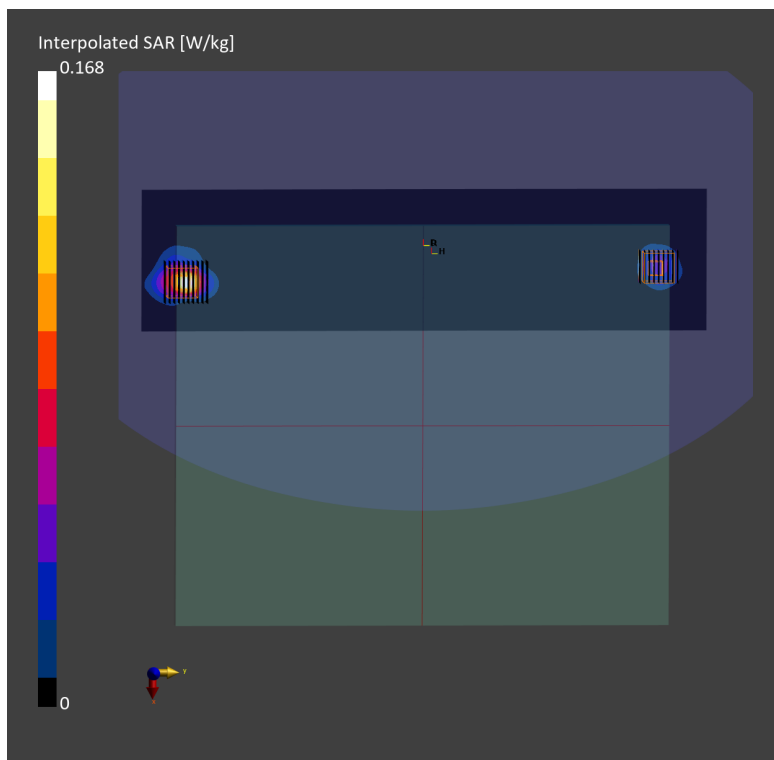
DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.4, 5.4, 5.4); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10743-AAC

Area Scan (204.0 mm x 816.0 mm): Measurement Grid: 8.50 mm x 8.50 mm
SAR (1g) = 0.127 W/kg; SAR (10g) = 0.042 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = 0.02 dB
SAR (1g) = 0.15 W/kg; SAR (8g) = 0.056 W/kg; SAR (10g) = 0.049 W/kg
psAPD (1.0cm2, sq) = 1.50 [W/m2]; psAPD (4.0cm2, sq) = 1.12 [W/m2]

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = 0.02 dB
SAR (1g) = 0.065 W/kg; SAR (8g) = 0.026 W/kg; SAR (10g) = 0.023 W/kg
psAPD (1.0cm2, sq) = 0.648 [W/m2]; psAPD (4.0cm2, sq) = 0.521 [W/m2]



#06_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: HSL_2450_230119 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 39.293$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.82, 7.82, 7.82) @ 2441 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0767 W/kg

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

Reference Value = 6.368 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0748 W/kg

