

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch6 ;Ant 1+2

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.018

Medium: HSL_2450_210505 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.783$ S/m; $\epsilon_r = 40.549$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2437 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x241x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

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

Reference Value = 27.00 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.437 W/kg

Maximum value of SAR (measured) = 1.64 W/kg

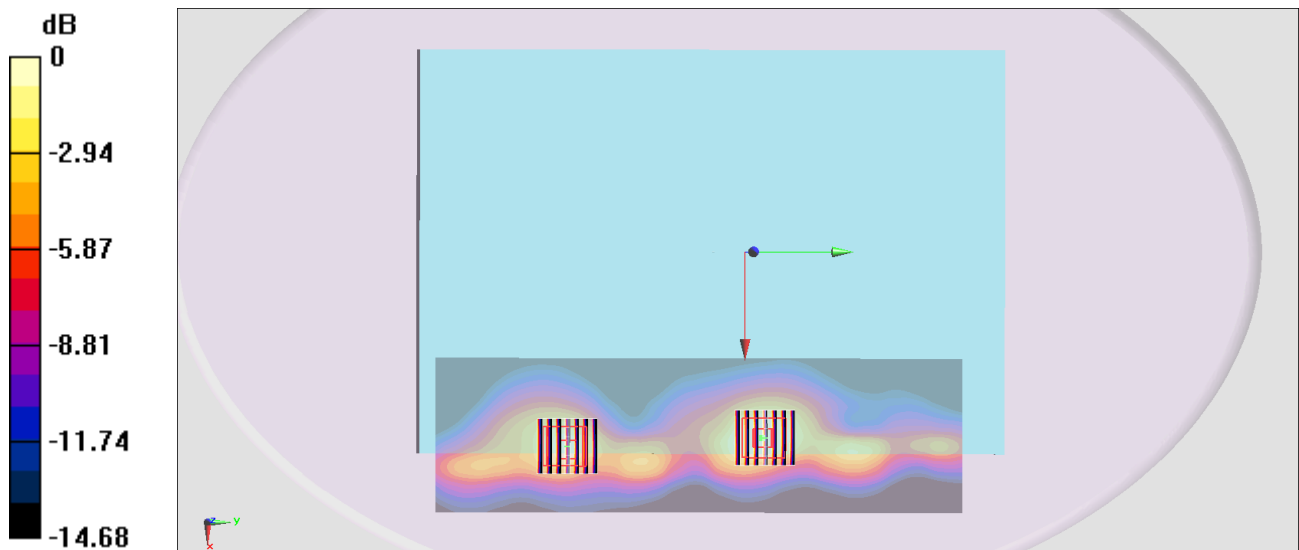
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.00 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



#02_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch62 ;Ant 1+2

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.003

Medium: HSL_5G_210505 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.57$ S/m; $\epsilon_r = 37.069$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.23, 5.23, 5.23) @ 5310 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x291x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.70 W/kg

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

Reference Value = 17.24 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.00 W/kg

SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.291 W/kg

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

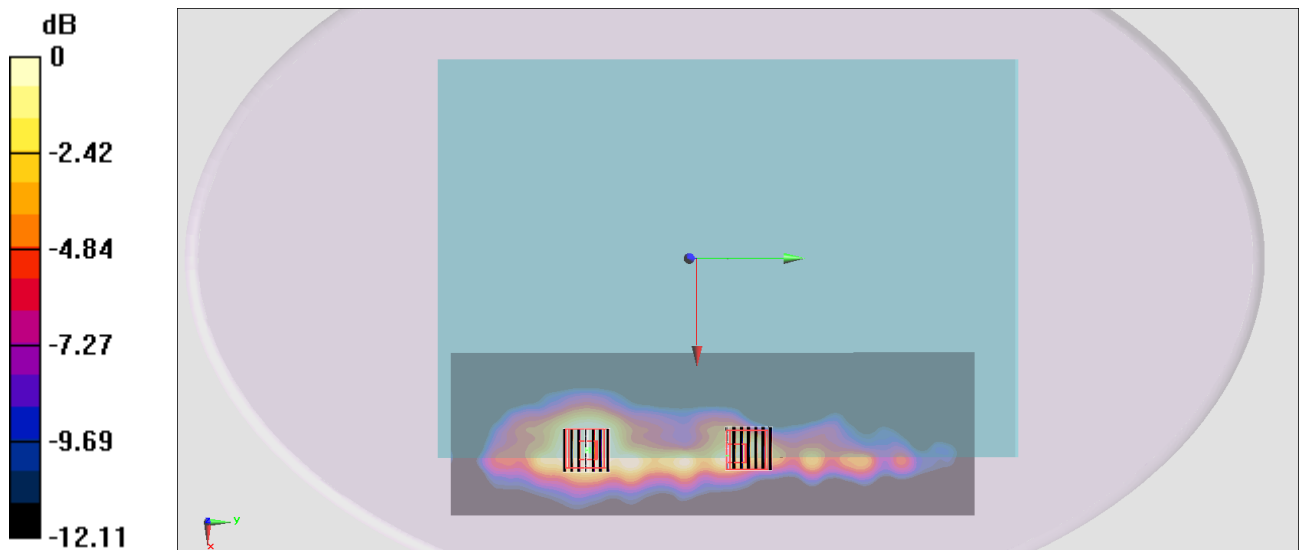
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.24 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.819 W/kg



0 dB = 0.819 W/kg = -0.87 dBW/kg

#03_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch126 ;Ant 1+2

Communication System: 802.11n; Frequency: 5630 MHz; Duty Cycle: 1:1.003

Medium: HSL_5G_210506 Medium parameters used: $f = 5630$ MHz; $\sigma = 5.119$ S/m; $\epsilon_r = 36.516$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.59, 4.59, 4.59) @ 5630 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x291x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

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

Reference Value = 19.56 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 2.41 W/kg

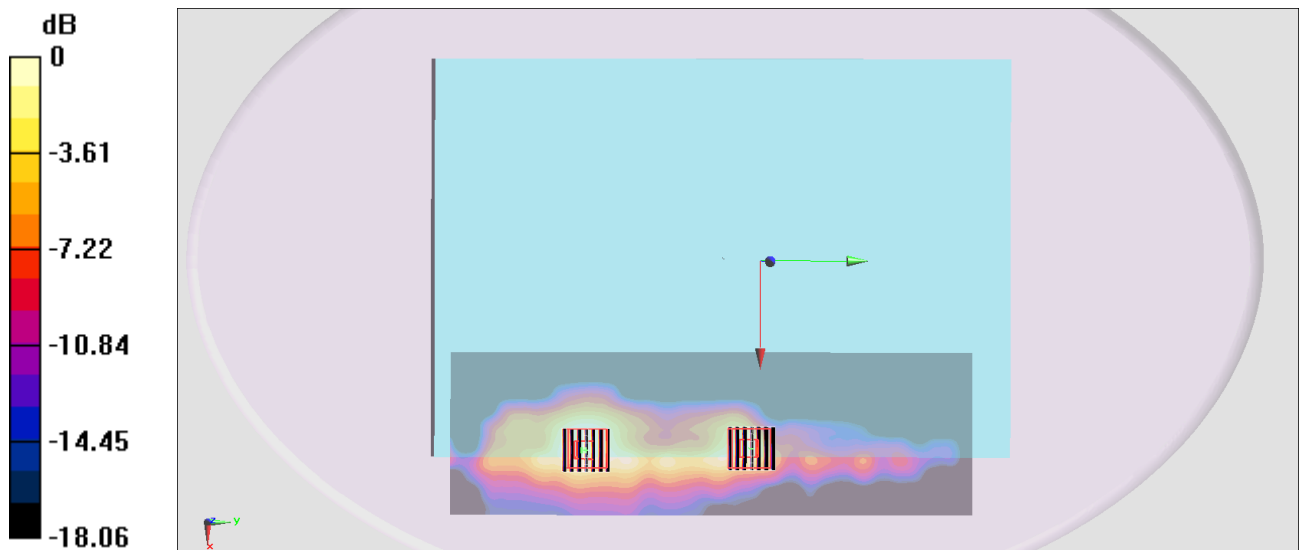
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 19.56 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155 ;Ant 1+2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.004

Medium: HSL_5G_210506 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.208$ S/m; $\epsilon_r = 36.421$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.81, 4.81, 4.81) @ 5775 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x291x1): 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 = 19.06 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.80 W/kg

SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.319 W/kg

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

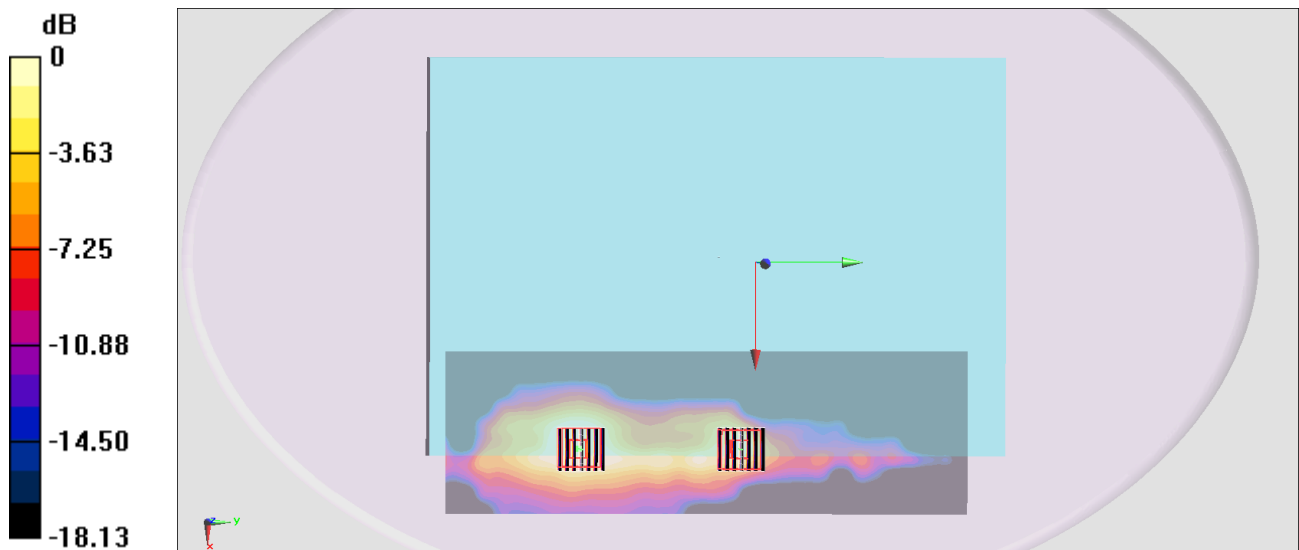
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.06 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch39 ;Ant 1

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450_210507 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.956$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2441 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.244 W/kg

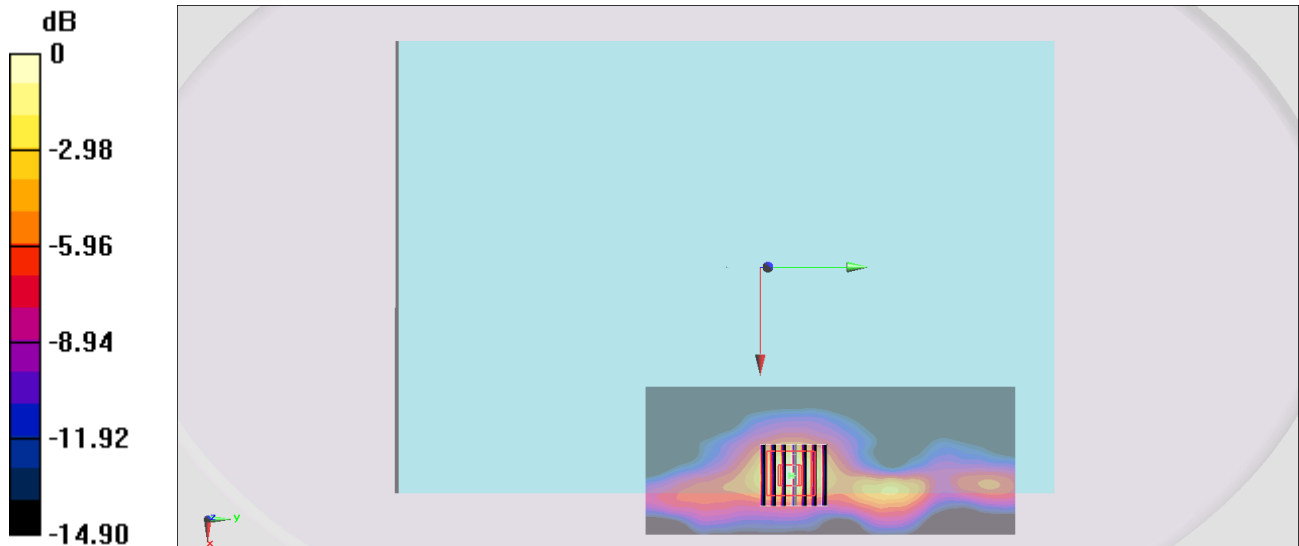
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.65 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg

#06_WLAN 6E_802.11ax-HE160 MCS0_Bottom of Laptop_0mm_Ch47;Ant 1+2

Communication System: 802.11ax; Frequency: 6185.0

Medium: HSL. Medium parameters used: $f = 6185.0$ MHz; $\sigma = 5.69$ S/m; $\epsilon_r = 35.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.7, 5.7, 5.7); Calibrated: 2021-02-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn656; Calibrated: 2021-01-22
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAC
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (102.0 mm x 255.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.241 W/kg; SAR (10g) = 0.098 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm)/Cube 0: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.18 dB

SAR (1g) = 0.211 W/kg; SAR (10g) = 0.074 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm)/Cube 1: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.18 dB

SAR (1g) = 0.241 W/kg; SAR (10g) = 0.098 W/kg;

