

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch6 ;Ant 1+2**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: HSL\_2450\_210507 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.771$  S/m;  $\epsilon_r = 39.971$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 (71x221x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.51 W/kg

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

Reference Value = 30.03 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.437 W/kg**

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

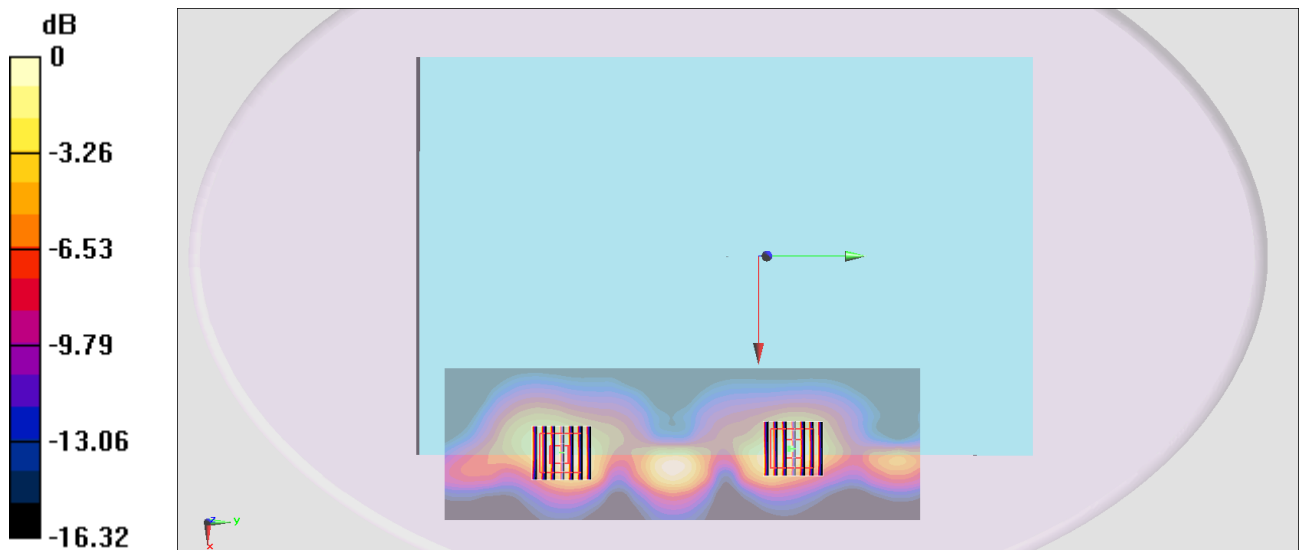
**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.03 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.315 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

**#02\_WLAN5GHz\_802.11a 6Mbps\_Bottom of Laptop\_0mm\_Ch60 ;Ant 1+2**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.007

Medium: HSL\_5G\_210508 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.59$  S/m;  $\epsilon_r = 37.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.23, 5.23, 5.23) @ 5300 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 (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.36 W/kg

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

Reference Value = 21.35 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.51 W/kg

**SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.388 W/kg**

Maximum value of SAR (measured) = 2.25 W/kg

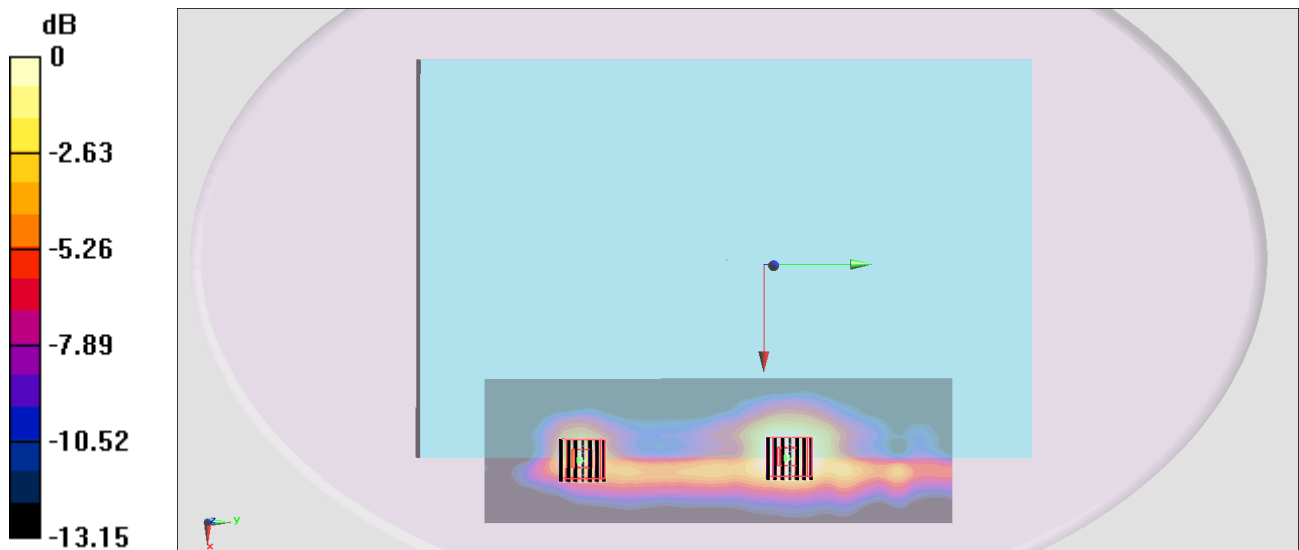
**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.35 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.27 W/kg

**SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

**#03\_WLAN5GHz\_802.11a 6Mbps\_Bottom of Laptop\_0mm\_Ch132 ;Ant 1+2**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.007

Medium: HSL\_5G\_210508 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 4.98$  S/m;  $\epsilon_r = 36.492$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.59, 4.59, 4.59) @ 5660 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 (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.22 W/kg

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

Reference Value = 17.70 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.95 W/kg

**SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.337 W/kg**

Maximum value of SAR (measured) = 2.35 W/kg

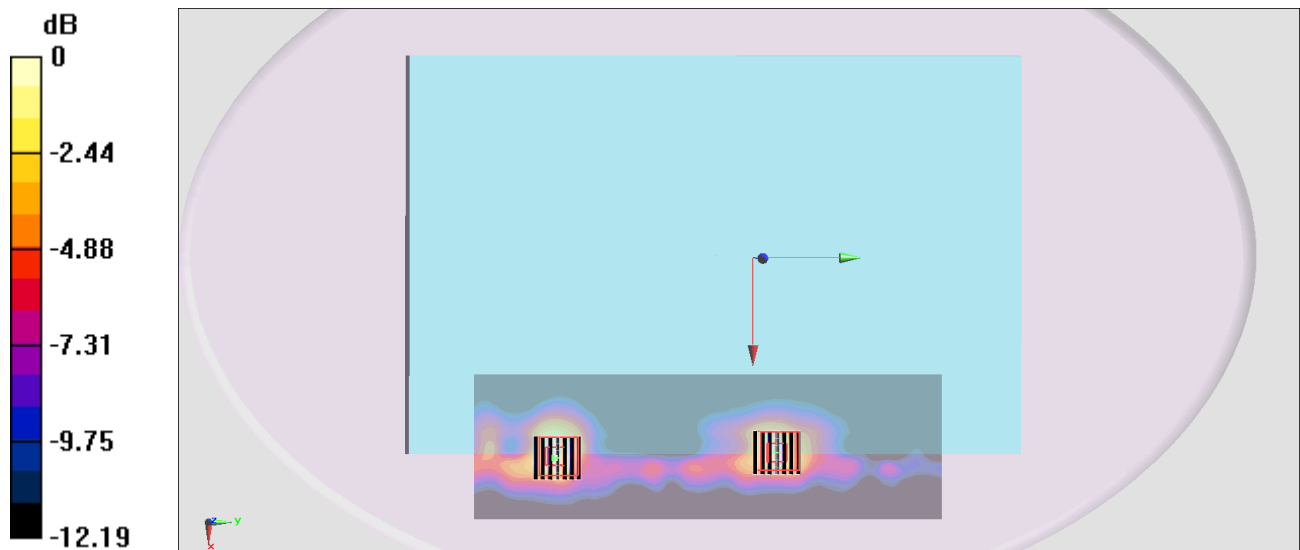
**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.70 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.89 W/kg

**SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.279 W/kg**

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



0 dB = 1.77 W/kg = 2.48 dBW/kg

## #04\_WLAN5GHz\_802.11a 6Mbps\_Bottom of Laptop\_0mm\_Ch165 ;Ant 1+2

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.007

Medium: HSL\_5G\_210509 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.185$  S/m;  $\epsilon_r = 35.911$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.81, 4.81, 4.81) @ 5825 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 (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.51 W/kg

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

Reference Value = 22.11 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.88 W/kg

**SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.345 W/kg**

Maximum value of SAR (measured) = 2.26 W/kg

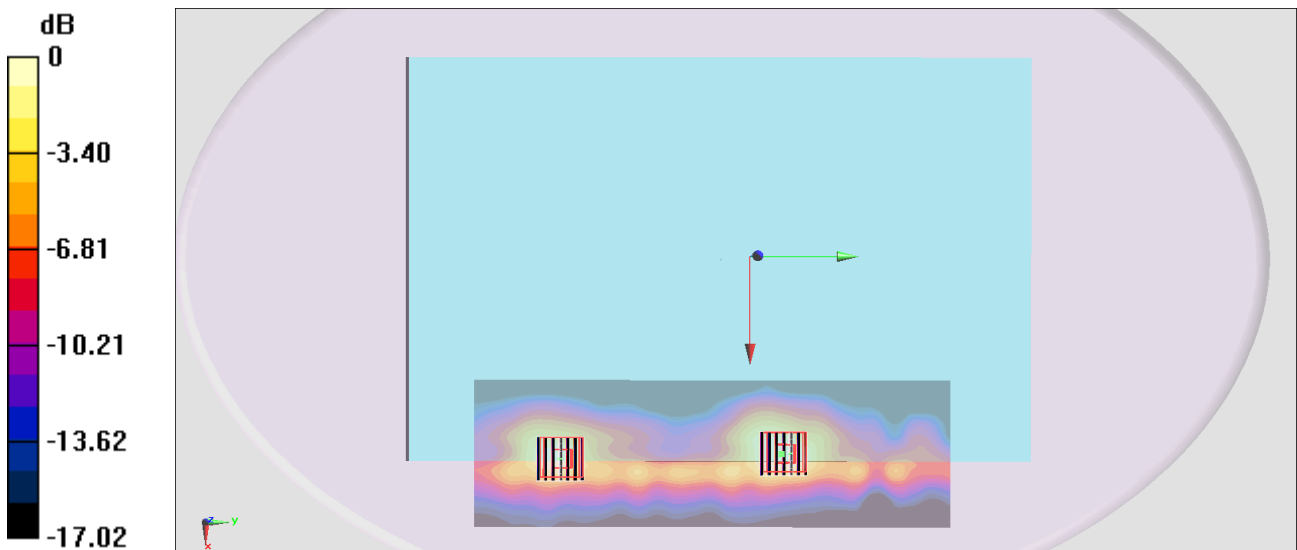
**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.11 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.46 W/kg

**SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.278 W/kg**

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/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\_210509 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.787$  S/m;  $\epsilon_r = 39.896$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °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) = 0.215 W/kg

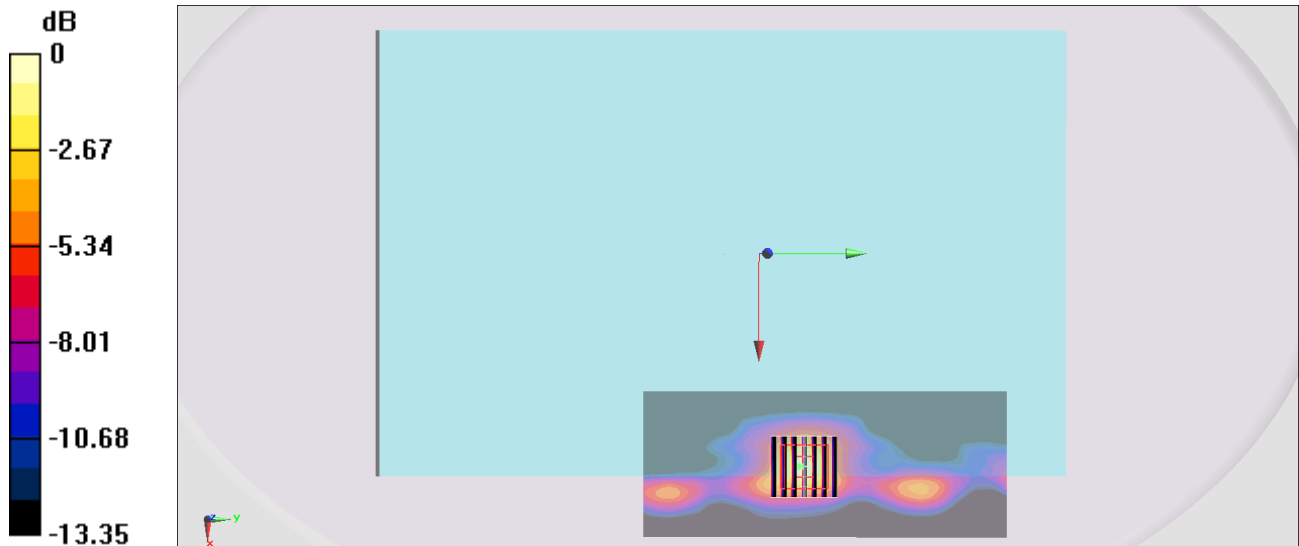
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.501 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.303 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.063 W/kg**

Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg

#06\_WLAN 6E\_802.11ax-HE160 MCS0\_Bottom of Laptop\_0mm\_Ch15;Ant 1+2

Communication System: Custom Band; Frequency: 6025.0

Medium: HSL. Medium parameters used:  $f= 6025.0$  MHz;  $\sigma= 5.48$  S/m;  $\epsilon_r = 36.1$

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: CW, 10743-AAB
- 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) = 0.187 W/kg; SAR (10g) = 0.068 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm  
Power Drift = -0.08 dB  
SAR (1g) = 0.233 W/kg; SAR (10g) = 0.080 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm  
Power Drift = -0.08 dB  
SAR (1g) = 0.195 W/kg; SAR (10g) = 0.068 W/kg;

