

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch1**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.016

Medium: HSL\_2450\_221214 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.746$  S/m;  $\epsilon_r = 40.067$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.68, 7.68, 7.68) @ 2412 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x181x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.222 W/kg

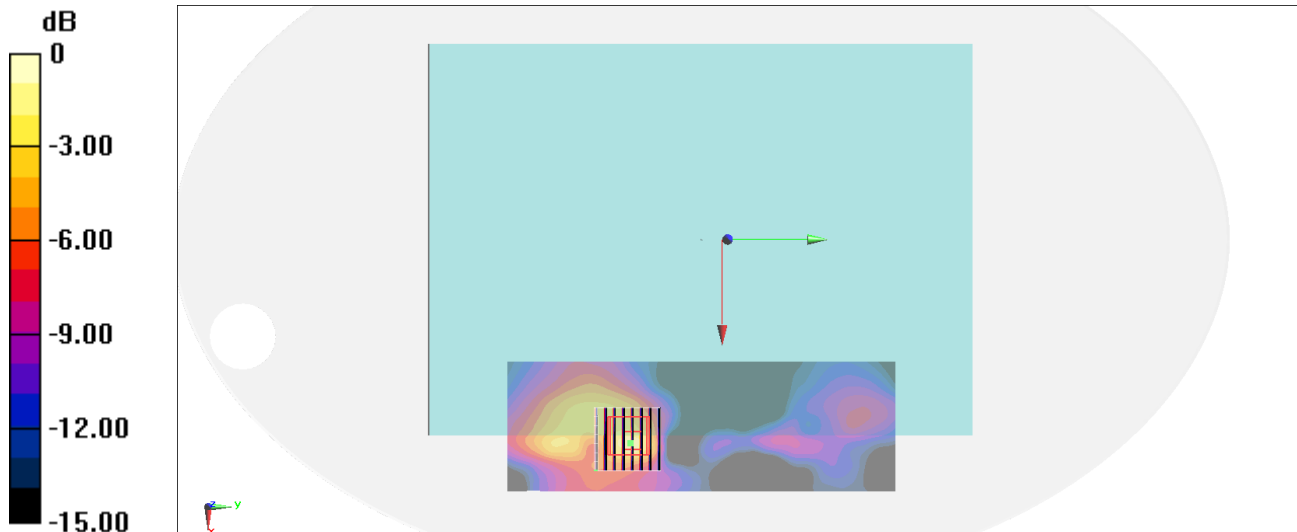
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.00 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.408 W/kg

**SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

## #02\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Bottom of Laptop\_0mm\_Ch50

Communication System: 802.11ac; Frequency: 5250 MHz; Duty Cycle: 1:1.054

Medium: HSL\_5G\_221215 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.694$  S/m;  $\epsilon_r = 36.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.21, 5.21, 5.21) @ 5250 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.208 W/kg

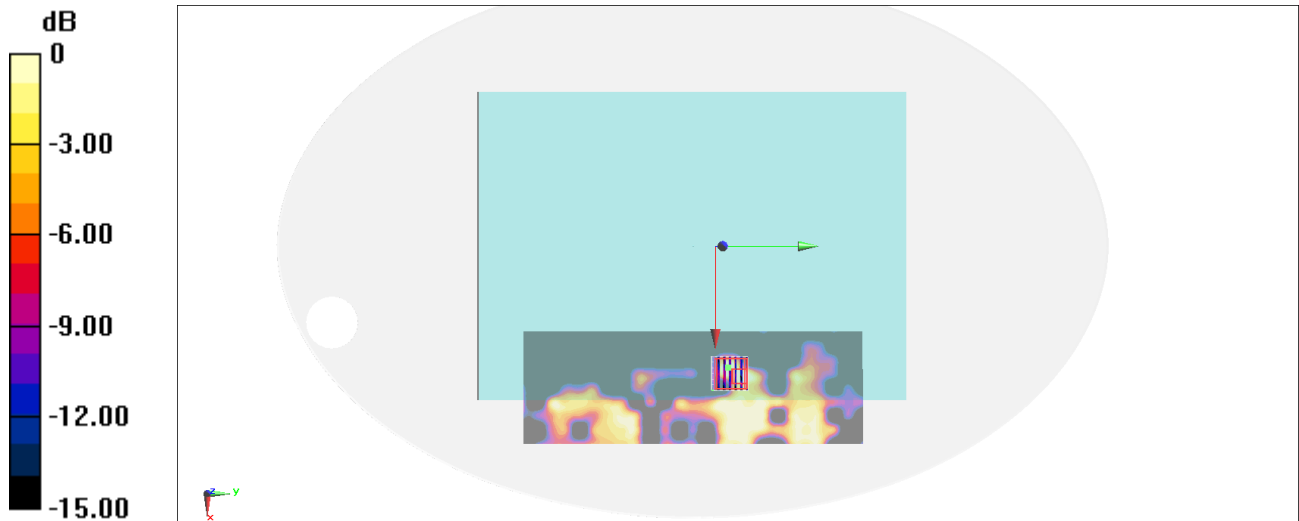
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.971 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg = -9.96 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Bottom of Laptop\_0mm\_Ch114**

Communication System: 802.11ac; Frequency: 5570 MHz; Duty Cycle: 1:1.054

Medium: HSL\_5G\_221215 Medium parameters used :  $f = 5570$  MHz;  $\sigma = 5.007$  S/m;  $\epsilon_r = 36.166$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.59, 4.59, 4.59) @ 5570 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.250 W/kg

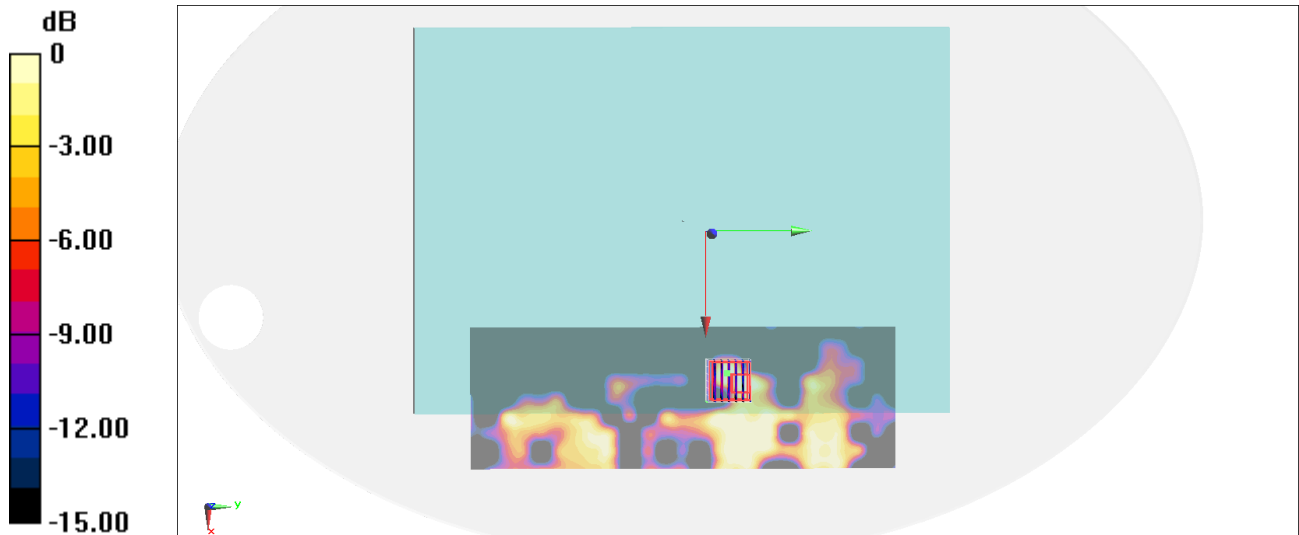
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.330 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.426 W/kg

**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch155**

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.005

Medium: HSL\_5G\_221215 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.232$  S/m;  $\epsilon_r = 35.875$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.8, 4.8, 4.8) @ 5775 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.281 W/kg

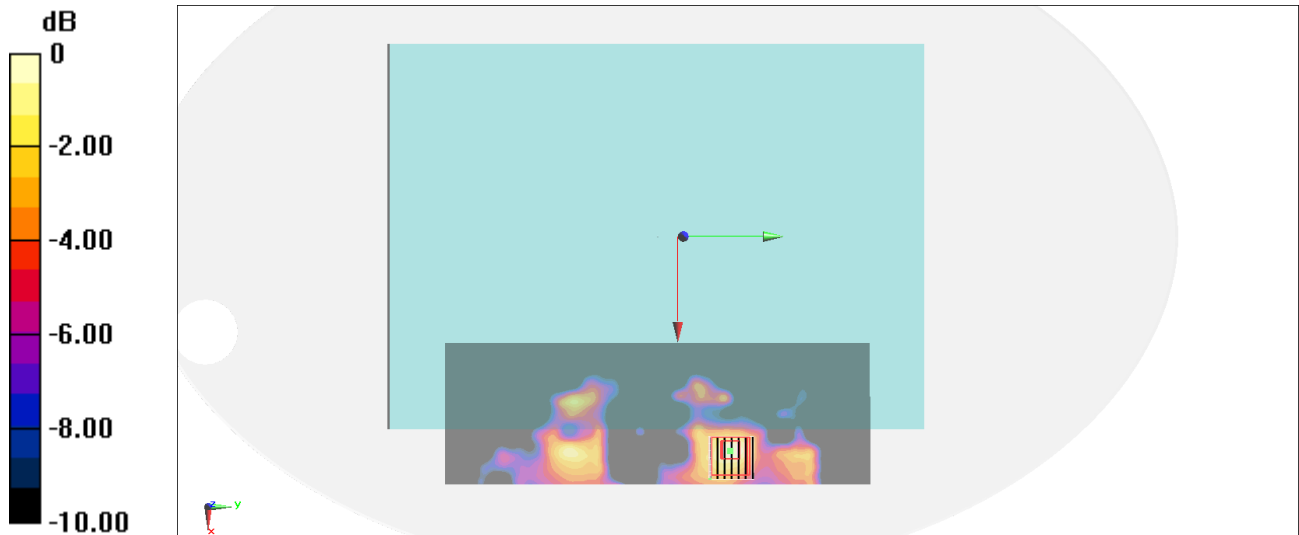
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.144 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.539 W/kg

**SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

## #05\_WLAN6GHz\_802.11ax-HE160 MCS0\_Bottom of Laptop\_0mm\_Ch15

Communication System: IEEE 802.11ax; Frequency: 6025.0 MHz; Duty Cycle: 1:1.053  
Medium: HSL\_6G\_221215Medium parameters used:  $f=6025.0$  MHz;  $\sigma=5.58$  S/m;  $\epsilon_r=36.0$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

### DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.0, 5.0, 5.0); Calibrated: 2022-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2022-08-24
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10755-AAC

**Area Scan (68.0 mm x 238.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.013 W/kg; SAR (10g) = 0.002 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

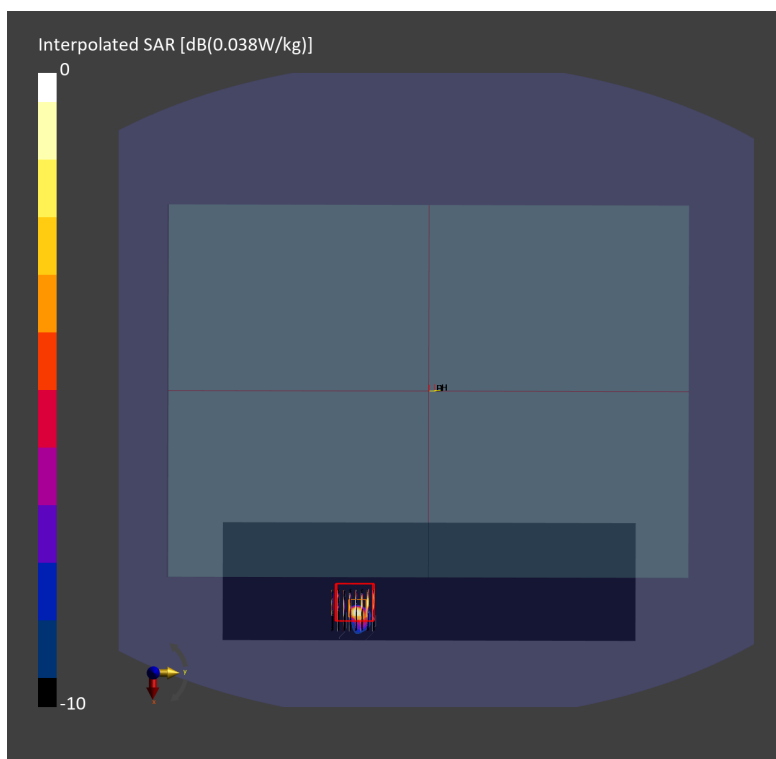
Power Drift = 0.02 dB

SAR (1g) = 0.038 W/kg; SAR (8g) = 0.013 W/kg; SAR (10g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 78.6 %

psAPD (1.0cm<sup>2</sup>, sq) = 0.377 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 0.269 [W/m<sup>2</sup>]



## #06\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.032

Medium: HSL\_2450\_221214 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.784$  S/m;  $\epsilon_r = 39.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.68, 7.68, 7.68) @ 2441 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0638 W/kg

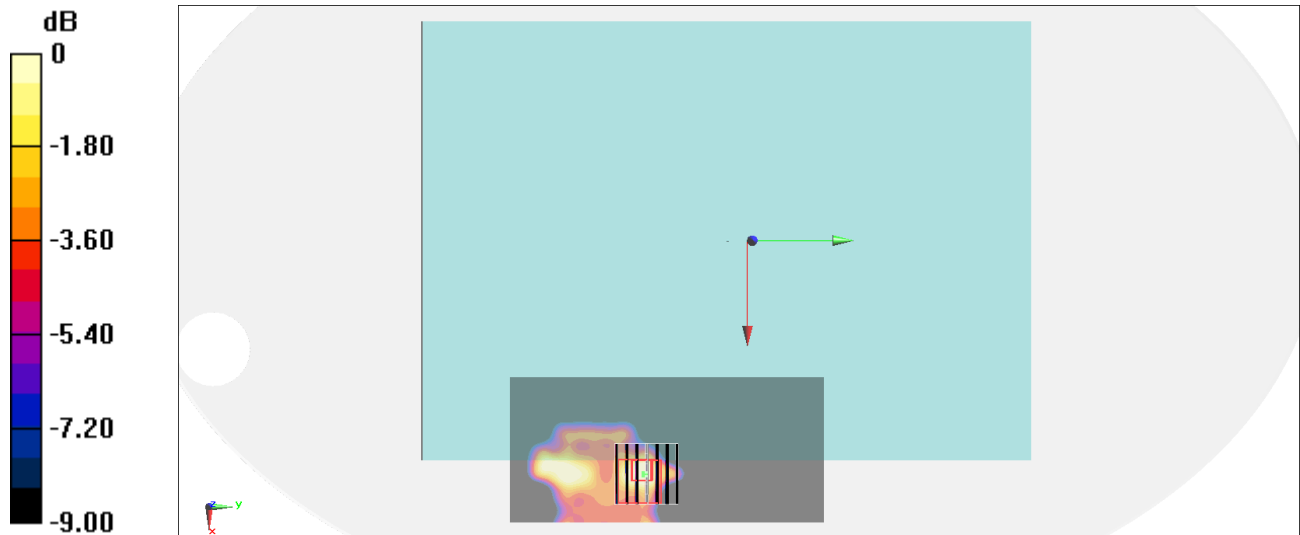
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.292 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0820 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0521 W/kg



0 dB = 0.0521 W/kg = -12.83 dBW/kg