

### #01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch1;Ant 2

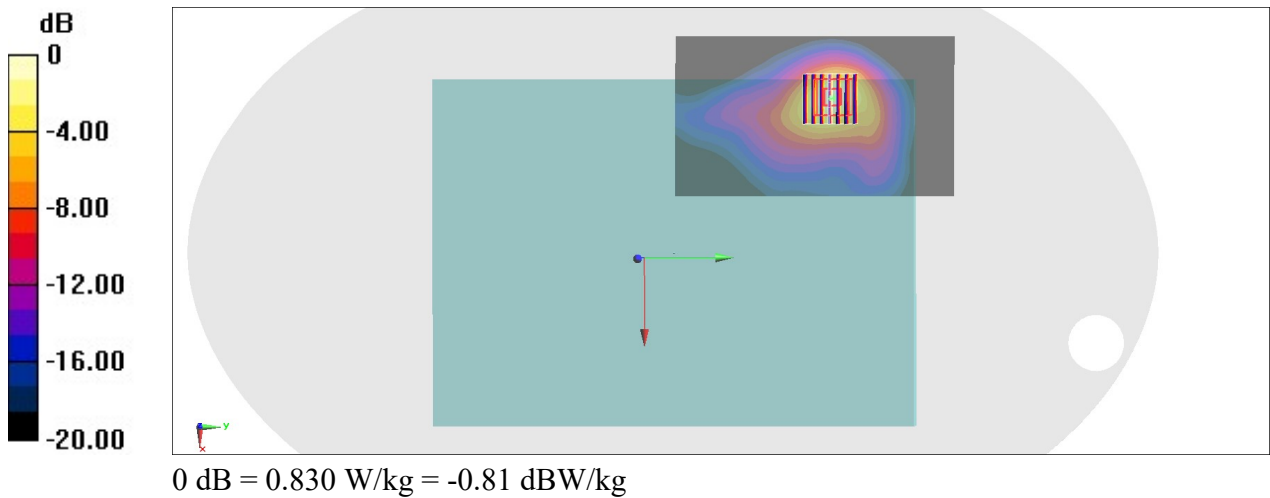
Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1  
Medium: HSL\_2450\_210505 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.763$  S/m;  $\epsilon_r = 38.238$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.52, 4.52, 4.52) @ 2412 MHz; Calibrated: 2020/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.840 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 20.81 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 1.33 W/kg  
**SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.291 W/kg**  
Maximum value of SAR (measured) = 0.830 W/kg



## #02\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Bottom of Laptop\_0mm\_Ch50;Ant 2

Communication System: 802.11ac ; Frequency: 5250 MHz;Duty Cycle: 1:1.011

Medium: HSL\_5G\_210507 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.651$  S/m;  $\epsilon_r = 36.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5250 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

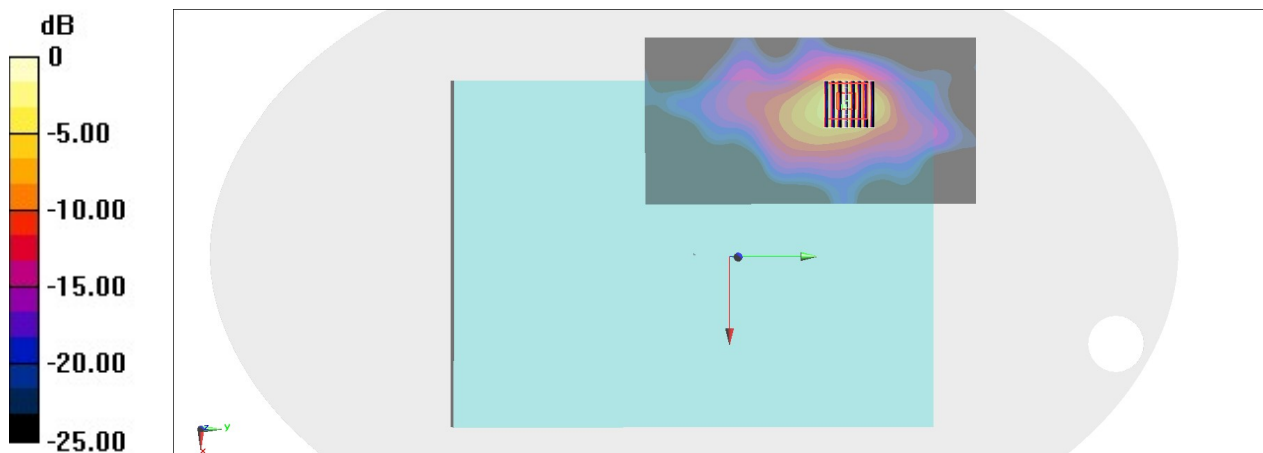
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.67 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

### #03\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Bottom of Laptop\_0mm\_Ch114;Ant 1

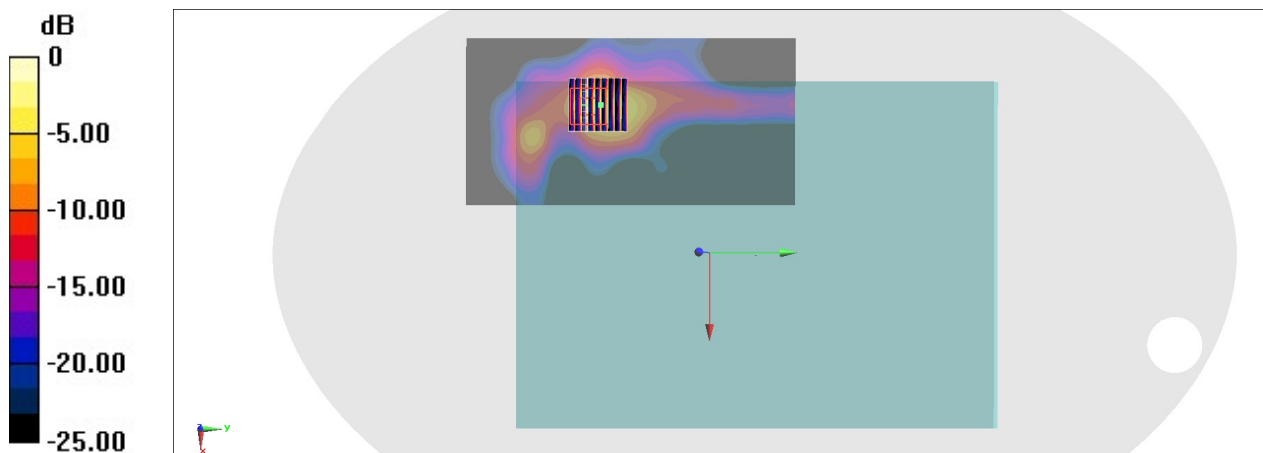
Communication System: 802.11ac ; Frequency: 5570 MHz;Duty Cycle: 1:1.011  
Medium: HSL\_5G\_210507 Medium parameters used :  $f = 5570$  MHz;  $\sigma = 4.954$  S/m;  $\epsilon_r = 35.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02) @ 5570 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.21 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 13.06 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 2.07 W/kg  
**SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.183 W/kg**  
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

## #04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch155;Ant 1

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.011

Medium: HSL\_5G\_210507 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.163$  S/m;  $\epsilon_r = 35.301$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.27, 5.27, 5.27) @ 5775 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.57 W/kg

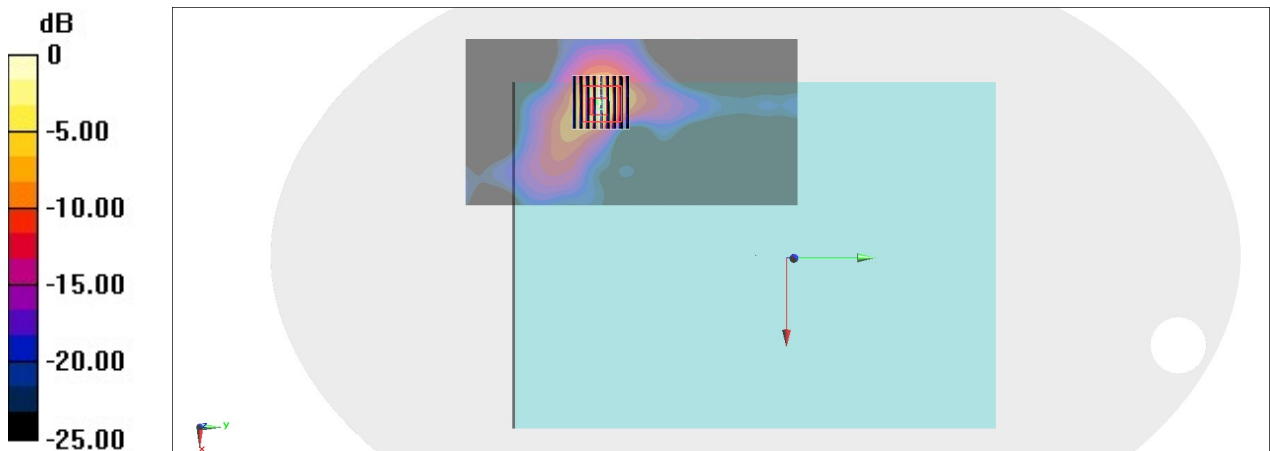
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.32 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.80 W/kg

**SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

### #05\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch78;Ant 1

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.302  
Medium: HSL\_2450\_210505 Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.837 \text{ S/m}$ ;  $\epsilon_r = 37.978$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.52, 4.52, 4.52) @ 2480 MHz; Calibrated: 2020/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.128 \text{ W/kg}$

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $0 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$   
Peak SAR (extrapolated) =  $0.209 \text{ W/kg}$   
**SAR(1 g) =  $0.095 \text{ W/kg}$ ; SAR(10 g) =  $0.045 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.125 \text{ W/kg}$

