

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

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.003

Medium: HSL\_2450\_220124 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 39.599$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.93, 7.93, 7.93) @ 2412 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI V1.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1127
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (91x161x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.30 W/kg

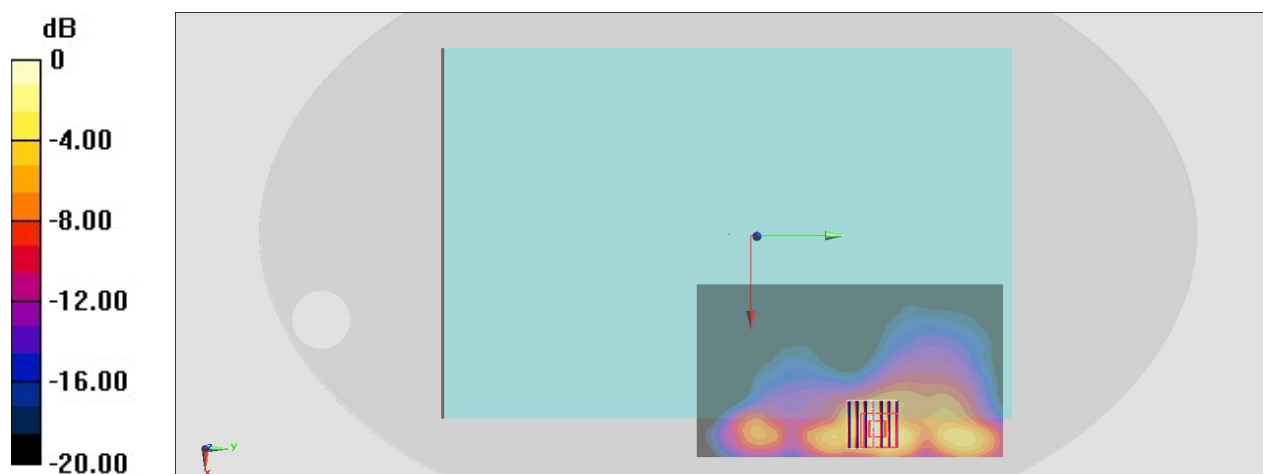
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.79 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.381 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch58;Ant 1**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.024

Medium: HSL\_5G\_220124 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.868$  S/m;  $\epsilon_r = 34.864$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.7, 5.7, 5.7) @ 5290 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.636 W/kg

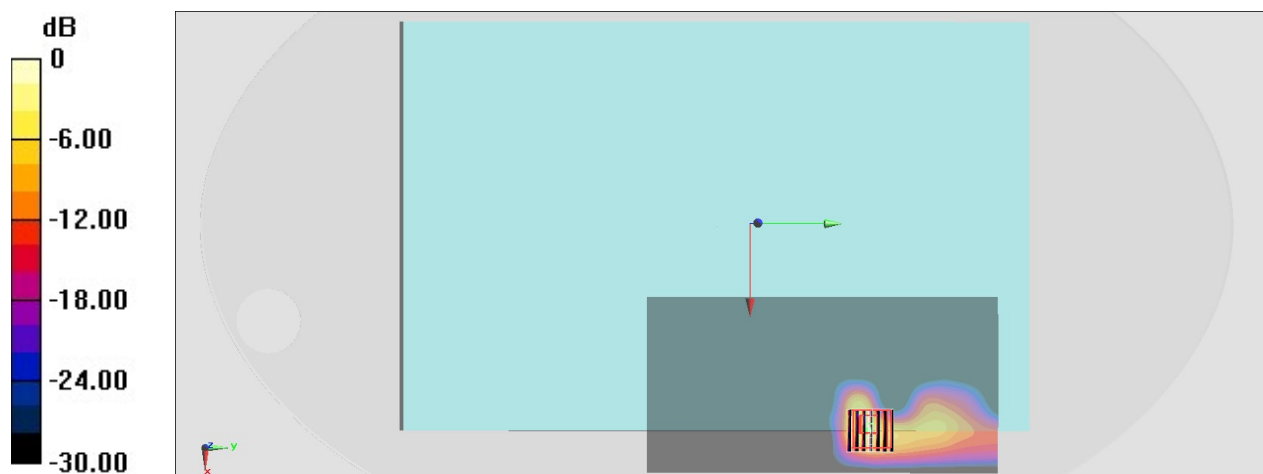
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 14.50 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 1.05 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch138;Ant 1**

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.024

Medium: HSL\_5G\_220124 Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.272$  S/m;  $\epsilon_r = 34.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.16, 5.16, 5.16) @ 5690 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.985 W/kg

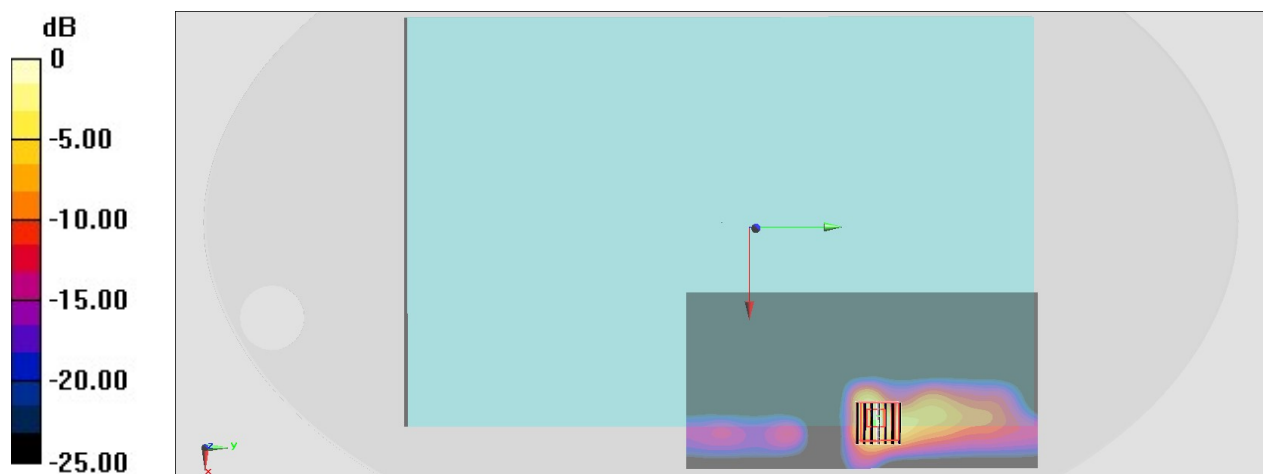
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 14.23 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.98 W/kg

**SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.158 W/kg**

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch155;Ant 2**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.024

Medium: HSL\_5G\_220124 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.386$  S/m;  $\epsilon_r = 34.349$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.16, 5.16, 5.16) @ 5775 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.717 W/kg

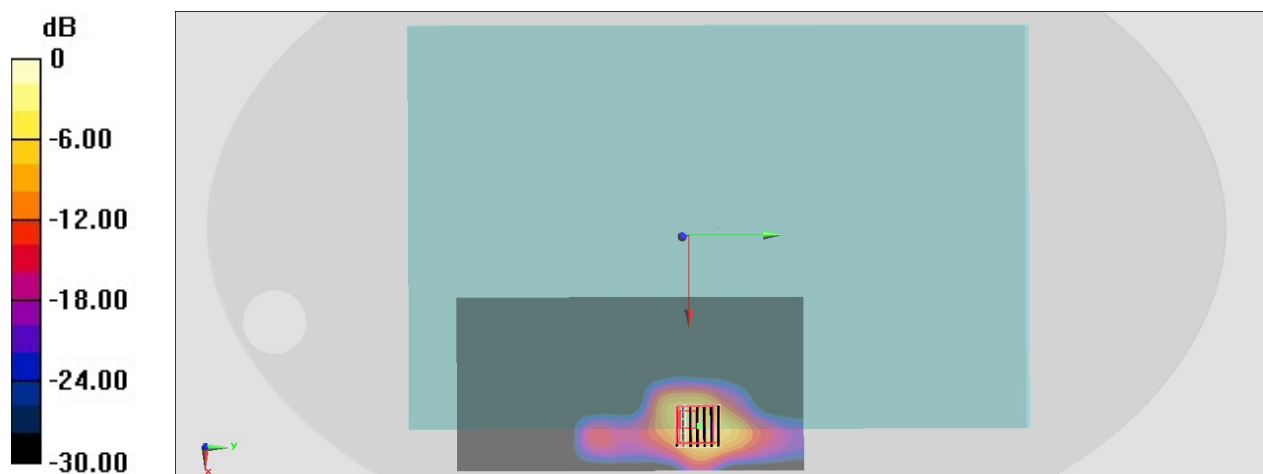
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 13.76 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

**#05\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch0;Ant 2**

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_220124 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.758$  S/m;  $\epsilon_r = 39.64$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.93, 7.93, 7.93) @ 2402 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI V1.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1127
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (91x161x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.123 W/kg

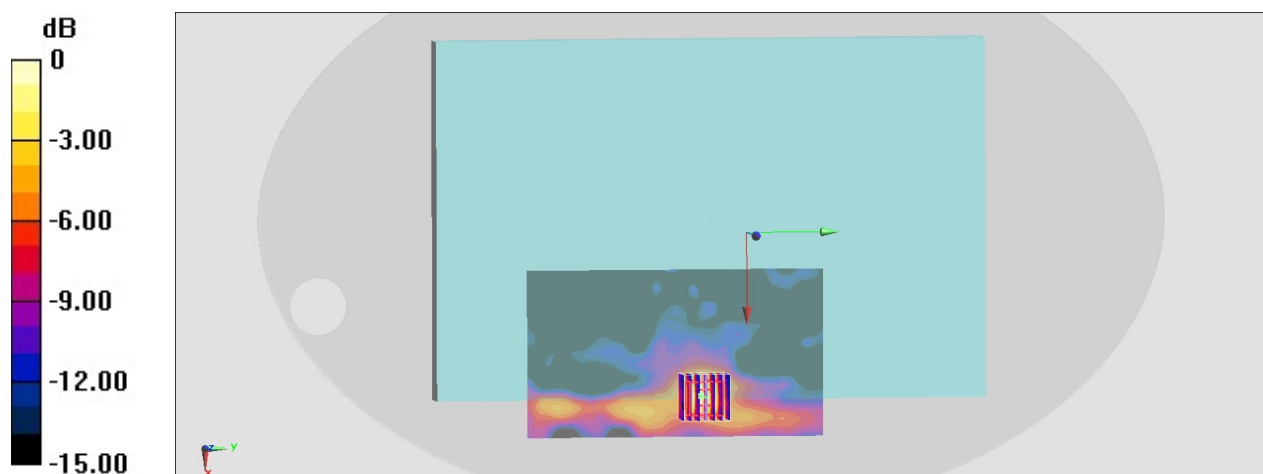
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.960 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.157 W/kg

**SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg = -8.96 dBW/kg