

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

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.003

Medium: HSL\_2450\_210716 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.843$  S/m;  $\epsilon_r = 39.185$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3898; ConvF(7.6, 7.6, 7.6) @ 2437 MHz; Calibrated: 2021/6/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x231x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.09 W/kg

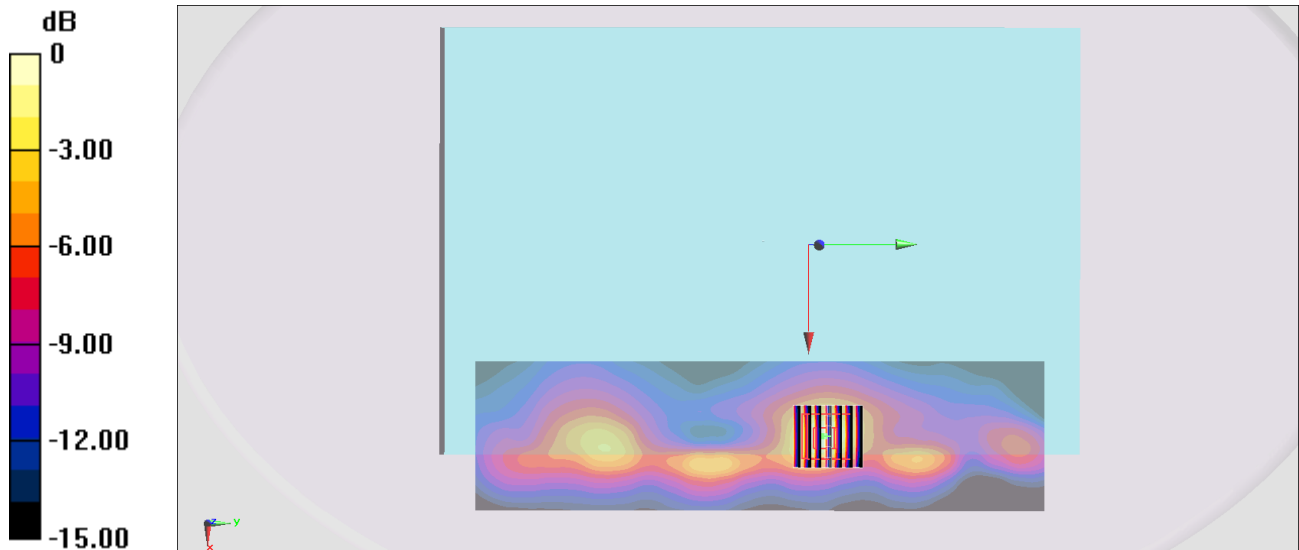
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 23.39 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.292 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg



**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Bottom of Laptop\_0mm\_Ch54 ;Ant 1+2**

Communication System: 802.11n ; Frequency: 5270 MHz; Duty Cycle: 1:1.056

Medium: HSL\_5G\_210717 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.613$  S/m;  $\epsilon_r = 35.671$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3898; ConvF(5.34, 5.34, 5.34) @ 5270 MHz; Calibrated: 2021/6/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x291x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.25 W/kg

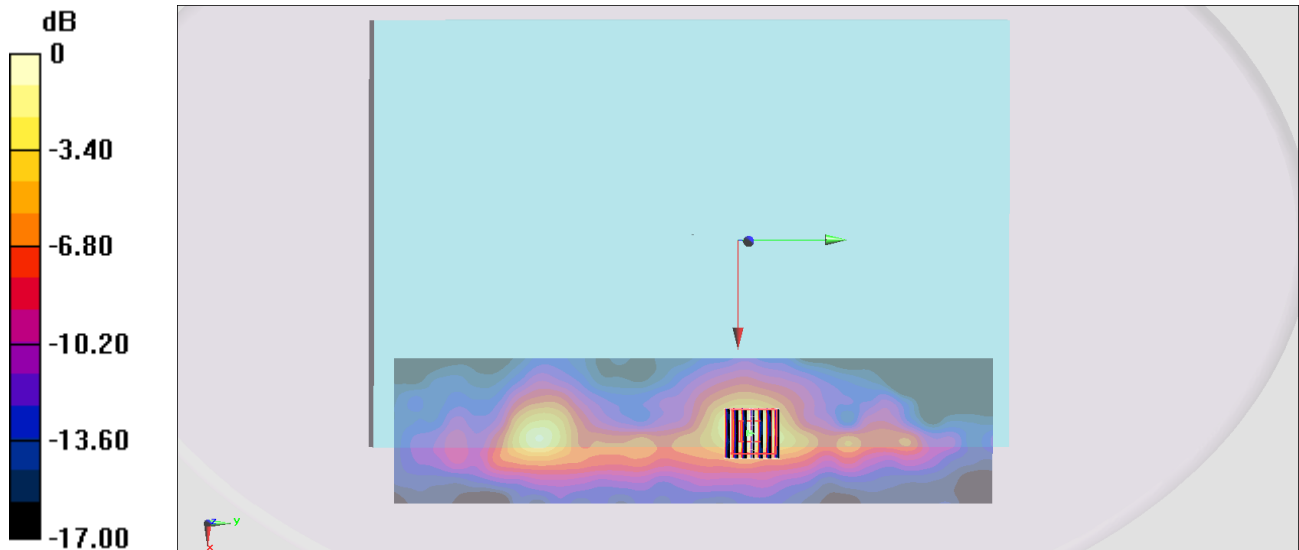
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.14 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.231 W/kg**

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch122 ;Ant 1+2**

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.074

Medium: HSL\_5G\_210717 Medium parameters used :  $f = 5610$  MHz;  $\sigma = 4.98$  S/m;  $\epsilon_r = 35.204$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3898; ConvF(4.78, 4.78, 4.78) @ 5610 MHz; Calibrated: 2021/6/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x291x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

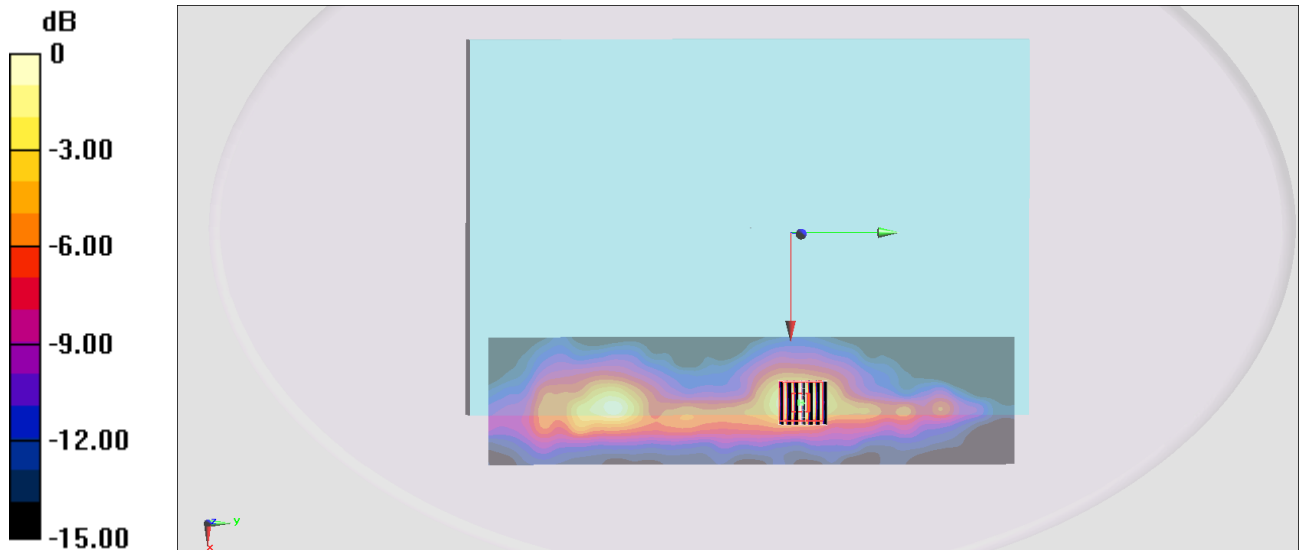
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.09 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.265 W/kg**

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



0 dB = 1.51 W/kg = 1.79 dBW/kg

**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch155 ;Ant1+2**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.176

Medium: HSL\_5G\_210717 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.126$  S/m;  $\epsilon_r = 35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3898; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2021/6/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x301x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

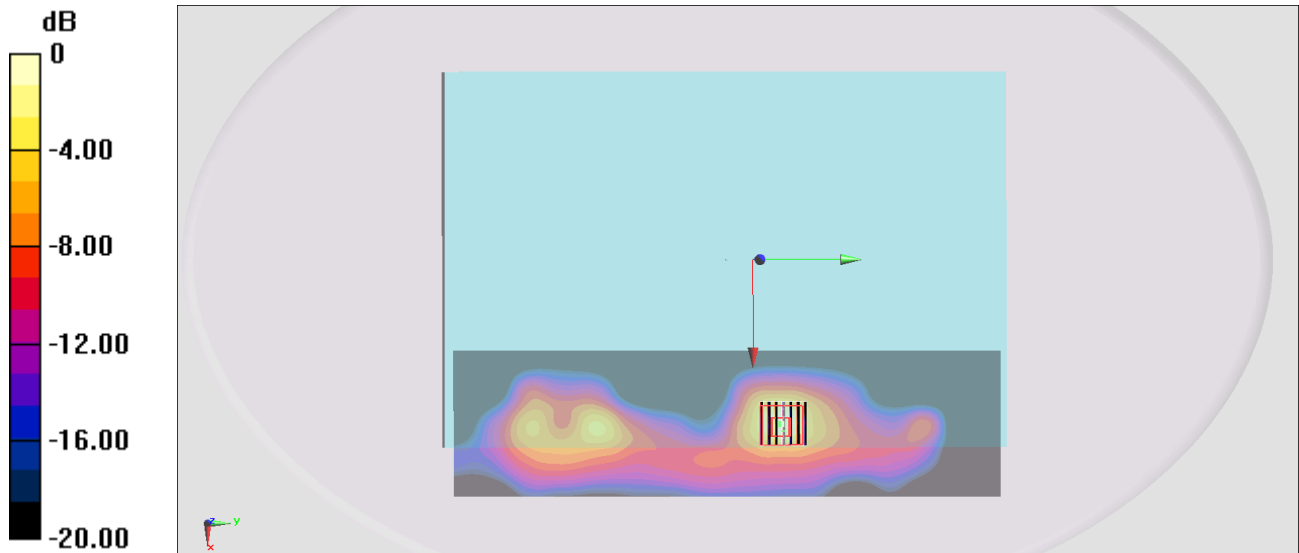
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.90 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 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\_210716 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.893$  S/m;  $\epsilon_r = 38.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.6, 7.6, 7.6) @ 2480 MHz; Calibrated: 2021/6/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.128 W/kg

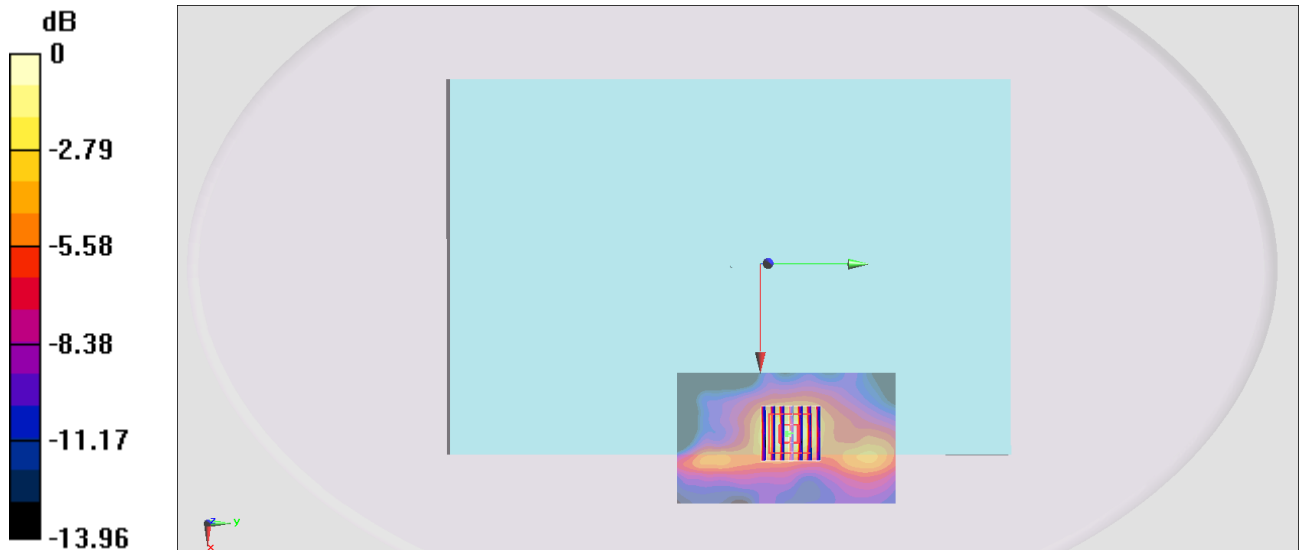
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.581 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.172 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg