

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

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.013

Medium: HSL\_2450\_200326 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.775$  S/m;  $\epsilon_r = 38.686$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.75 W/kg

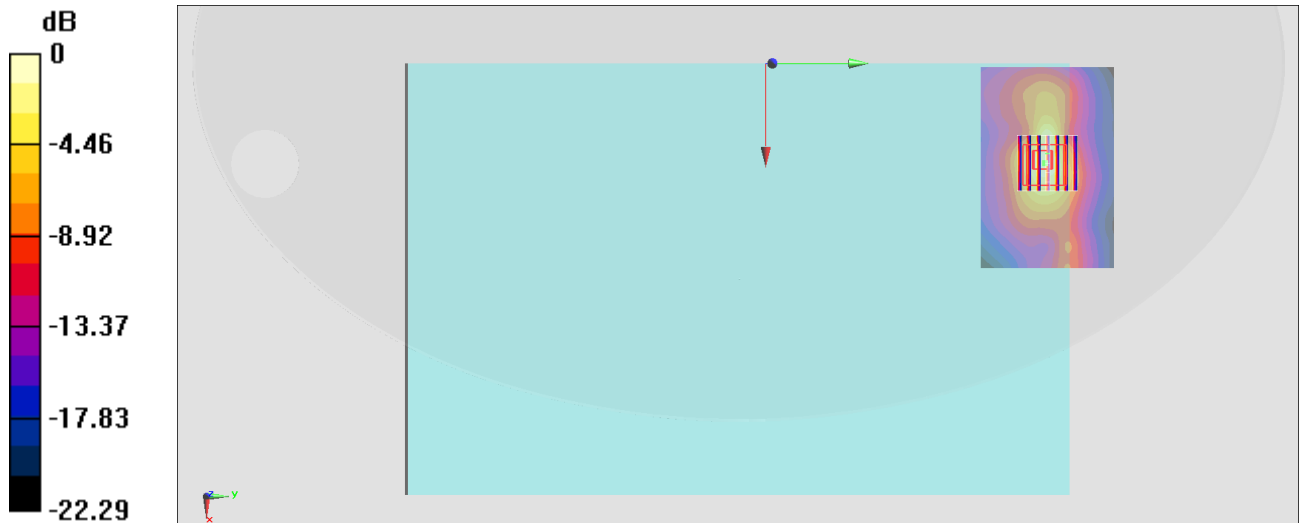
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.03 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.36 W/kg

**SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.319 W/kg**

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

## #02\_WLAN5GHz\_802.11n-HT40 MCS0\_Bottom of Laptop\_0mm\_Ch54

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.071

Medium: HSL\_5G\_200326 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.734$  S/m;  $\epsilon_r = 35.875$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.49, 5.49, 5.49) @ 5270 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.20 W/kg

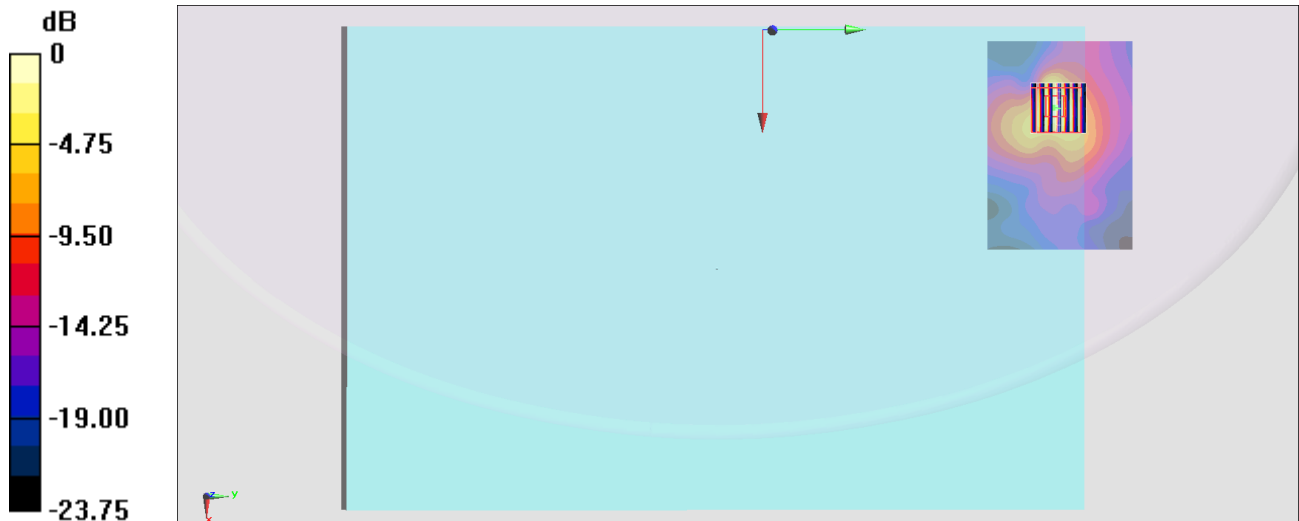
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.10 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.98 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.279 W/kg**

Maximum value of SAR (measured) = 2.42 W/kg



0 dB = 2.20 W/kg = 3.42 dBW/kg

### #03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.147

Medium: HSL\_5G\_200326 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.075$  S/m;  $\epsilon_r = 35.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.89, 4.89, 4.89) @ 5610 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.01 W/kg

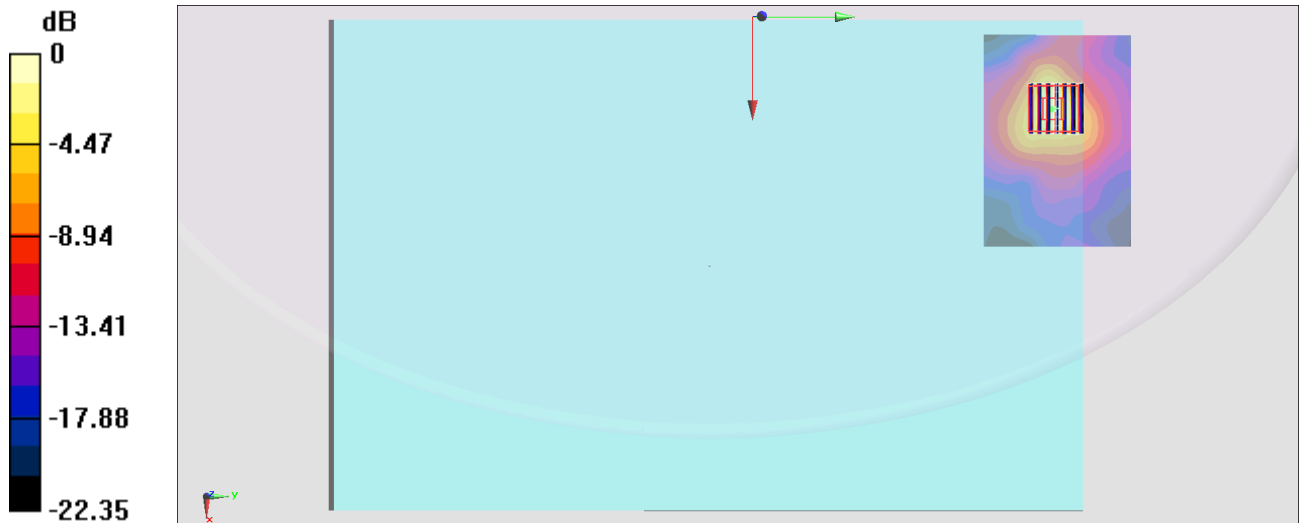
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.37 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.25 W/kg

**SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.282 W/kg**

Maximum value of SAR (measured) = 1.92 W/kg



0 dB = 2.01 W/kg = 3.03 dBW/kg

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

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.147

Medium: HSL\_5G\_200326 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.214$  S/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5775 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

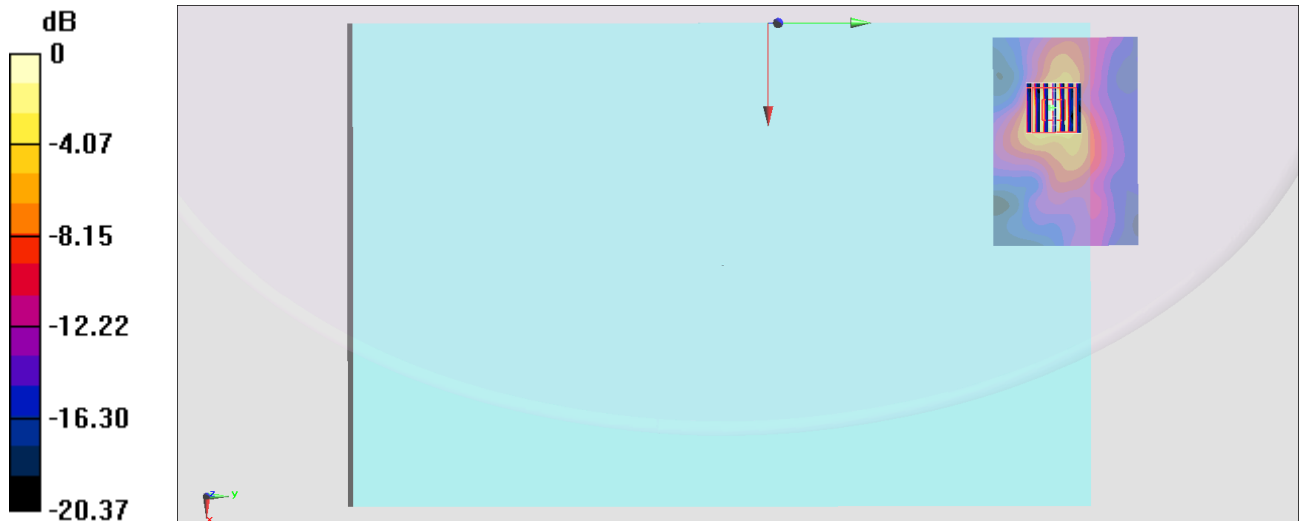
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.48 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.67 W/kg

**SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.140 W/kg**

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



0 dB = 1.04 W/kg = 0.17 dBW/kg