

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

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

Medium: HSL\_2450\_200626 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 38.711$ ;

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642;ConvF(7.11, 7.11, 7.11) @ 2437 MHz;Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.656 W/kg

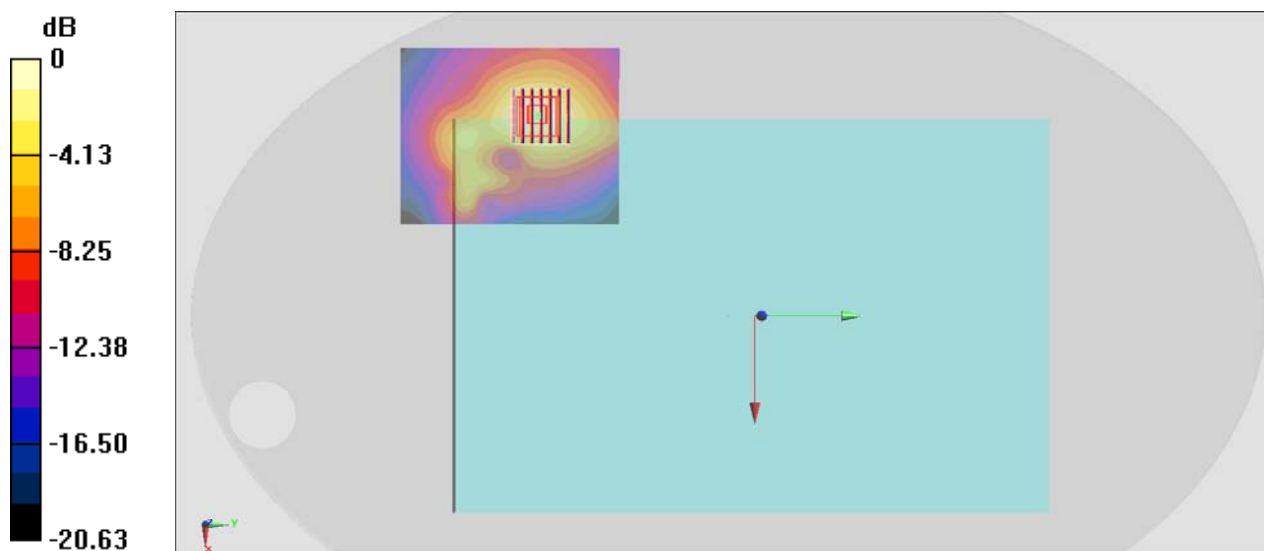
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.836 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.786 W/kg

**SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.648 W/kg



**#02\_WLAN5GHz\_802.11a 6Mbps\_Bottom of Laptop\_0mm\_Ch56;Ant 1**

Communication System: 802.11a ; Frequency: 5280 MHz; Duty Cycle: 1:1.021

Medium: HSL\_5G\_200626 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.589$  S/m;  $\epsilon_r = 36.063$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5280 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.303 W/kg

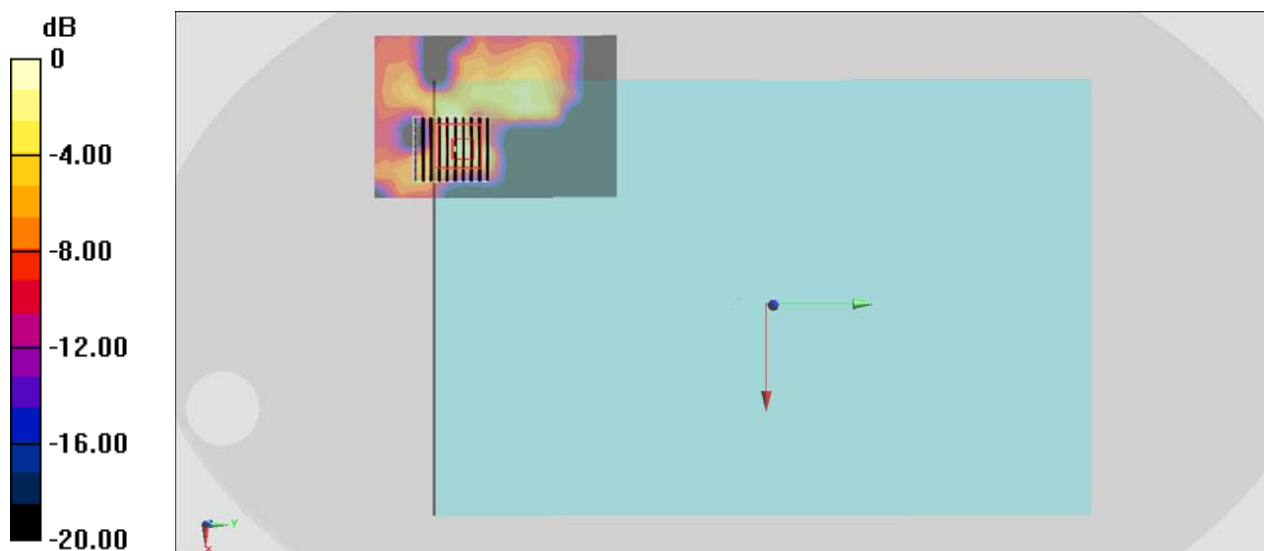
**Zoom Scan (9x10x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 7.091 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.603 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch106;Ant 1**

Communication System: 802.11ac ; Frequency: 5530 MHz;Duty Cycle: 1:1.013

Medium: HSL\_5G\_200626 Medium parameters used :  $f = 5530$  MHz;  $\sigma = 4.831$  S/m;  $\epsilon_r = 35.769$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642;ConvF(4.19, 4.19, 4.19) @ 5530 MHz;Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.756 W/kg

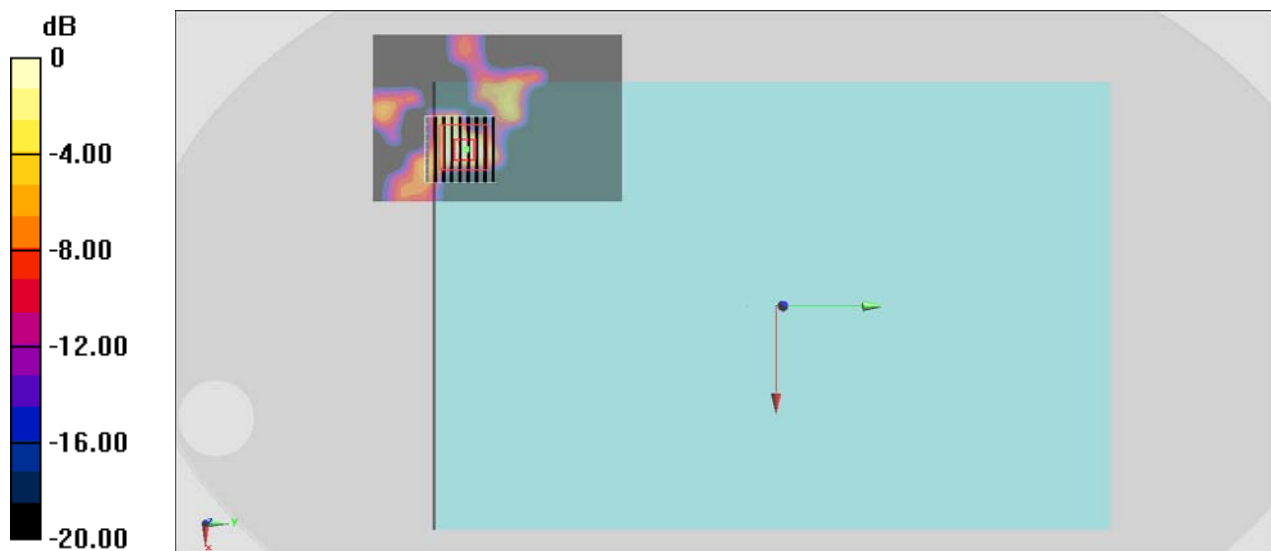
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.005 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.640 W/kg

**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.042 W/kg**

Maximum value of SAR (measured) = 0.415 W/kg



0 dB = 0.415 W/kg = -3.82 dBW/kg

**#04\_WLAN5GHz\_802.11n-HT40 MCS0\_Bottom of Laptop\_0mm\_Ch151;Ant 1**

Communication System: 802.11n ; Frequency: 5755 MHz;Duty Cycle: 1:1.019

Medium: HSL\_5G\_200626 Medium parameters used :  $f = 5755$  MHz;  $\sigma = 5.075$  S/m;  $\epsilon_r = 35.409$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642;ConvF(4.17, 4.17, 4.17) @ 5755 MHz;Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.543 W/kg

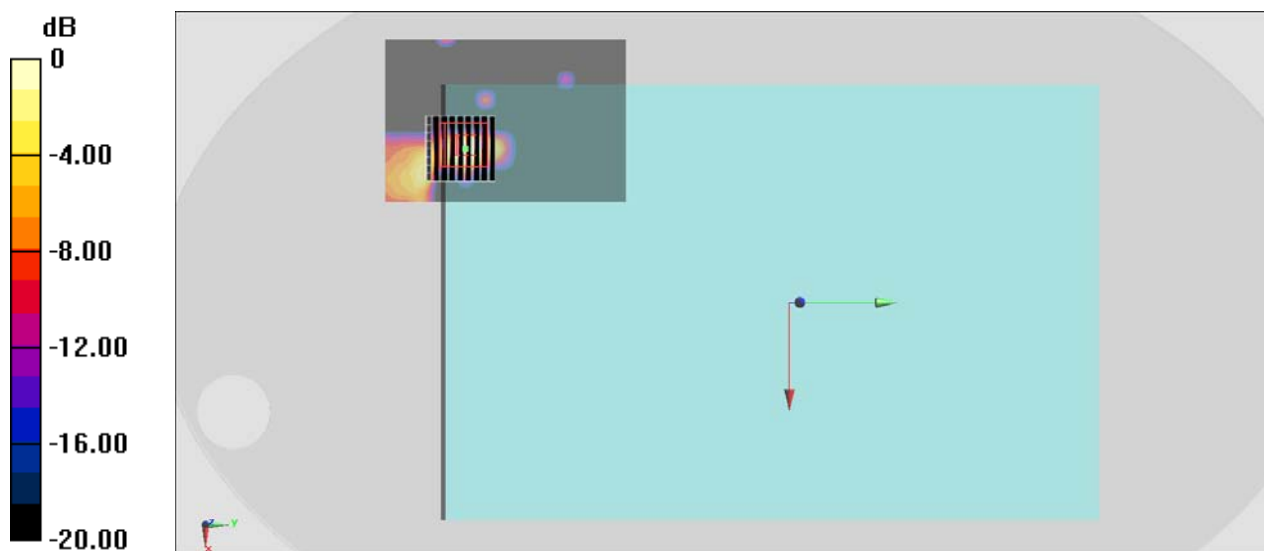
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.950 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.428 W/kg

**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg = -5.75 dBW/kg

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

Communication System: Bluetooth ; Frequency: 2480 MHz;Duty Cycle: 1:1.297

Medium: HSL\_2450\_200626 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.873$  S/m;  $\epsilon_r = 38.531$ ;

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642;ConvF(7.11, 7.11, 7.11) @ 2480 MHz;Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0471 W/kg

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

Reference Value = 3.706 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0840 W/kg

**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00809 W/kg**

Maximum value of SAR (measured) = 0.0327 W/kg

