

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

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.013

Medium: HSL\_2450\_190628 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 39.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642;ConvF(7.32, 7.32, 7.32) @ 2437 MHz;Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.05 W/kg

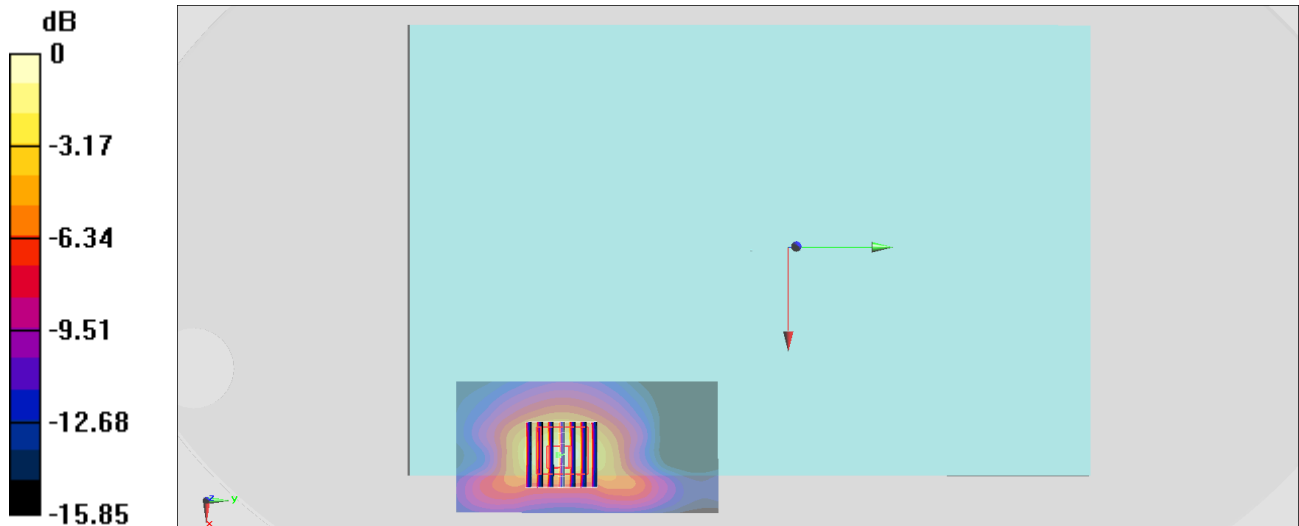
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.73 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.60 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.484 W/kg**

Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.89 W/kg = 2.76 dBW/kg

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

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_190704 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.683$  S/m;  $\epsilon_r = 37.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.54, 4.54, 4.54) @ 5270 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.31 W/kg

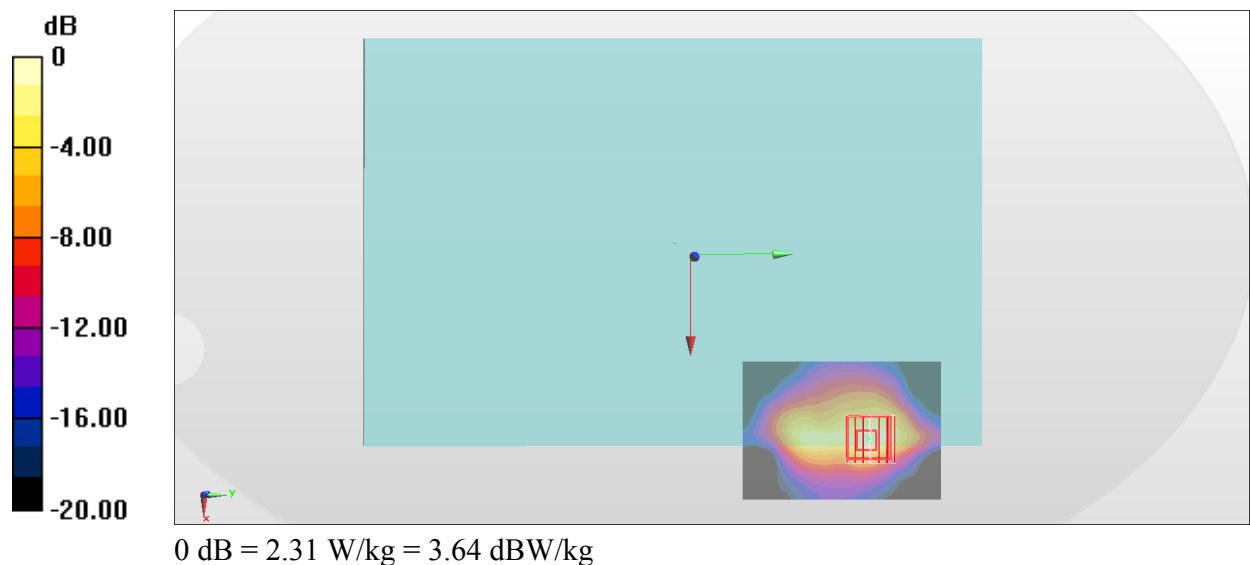
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.77 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 4.14 W/kg

**SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.345 W/kg**

Maximum value of SAR (measured) = 2.31 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch106;Ant 2**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.105

Medium: HSL\_5G\_190704 Medium parameters used :  $f = 5530$  MHz;  $\sigma = 4.942$  S/m;  $\epsilon_r = 36.646$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.28, 4.28, 4.28) @ 5530 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.50 W/kg

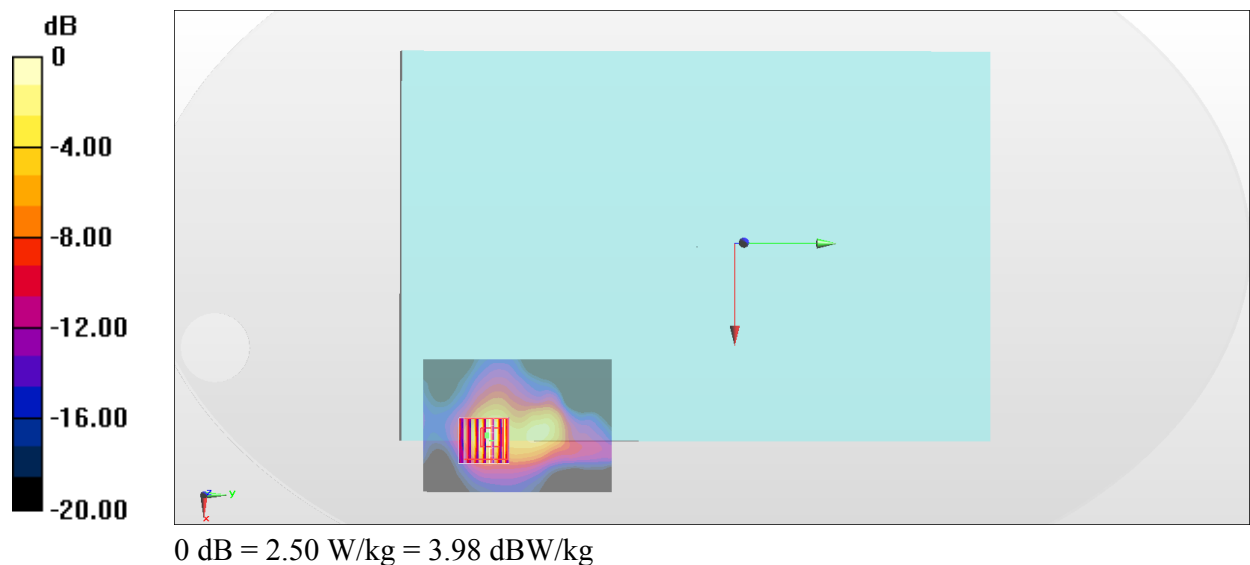
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.31 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.90 W/kg

**SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.269 W/kg**

Maximum value of SAR (measured) = 2.17 W/kg



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

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_190704 Medium parameters used :  $f = 5755$  MHz;  $\sigma = 5.179$  S/m;  $\epsilon_r = 36.327$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36) @ 5755 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.17 W/kg

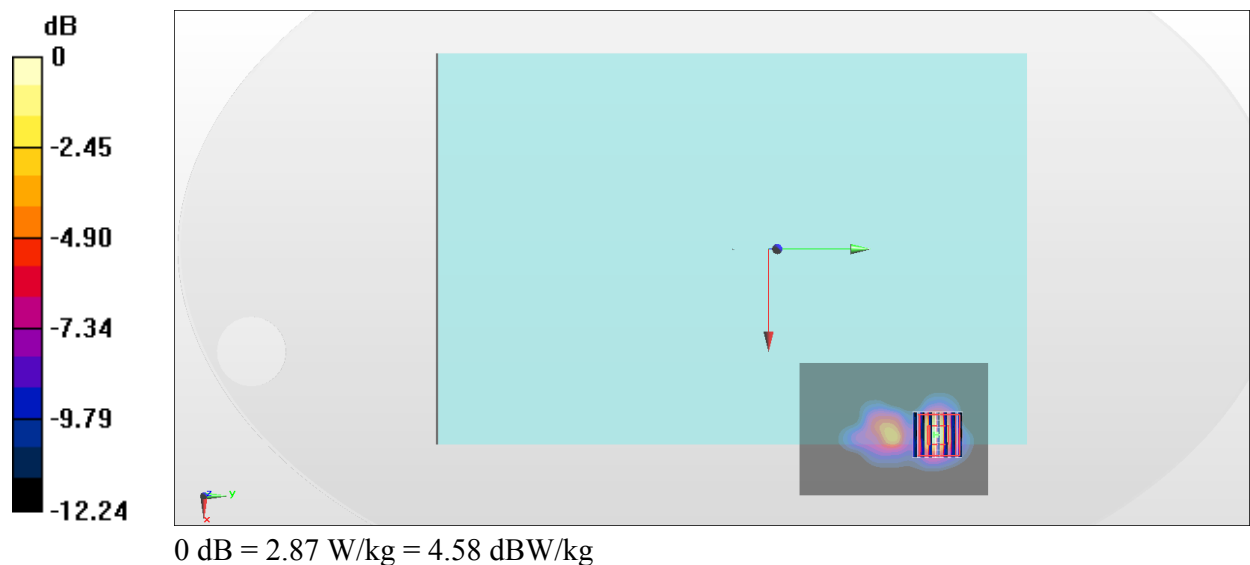
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.40 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.93 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 2.87 W/kg



**#05\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch39;Ant 2**

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.301

Medium: HSL\_2450\_190628 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.827$  S/m;  $\epsilon_r = 39.353$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.32, 7.32, 7.32) @ 2441 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.389 W/kg

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

Reference Value = 11.63 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.534 W/kg

**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.368 W/kg

