

## #01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.081

Medium: HSL\_2450\_230911 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.811$  S/m;  $\epsilon_r = 38.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(7.59, 7.41, 8.57) @ 2462 MHz; Calibrated: 2023/7/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1794; Calibrated: 2023/2/1
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.660 W/kg

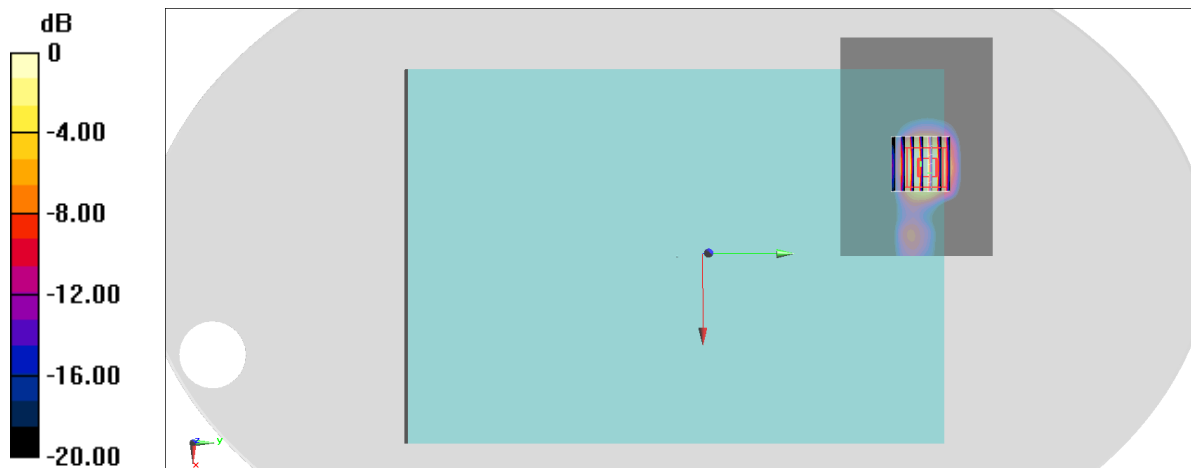
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.47 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.693 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.137 W/kg**

Maximum value of SAR (measured) = 0.533 W/kg



0 dB = 0.533 W/kg = -2.73 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 2\_0mm\_Ch58**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.03

Medium: HSL\_5G\_230912 Medium parameters used :  $f = 5290$  MHz;  $\sigma = 4.93$  S/m;  $\epsilon_r = 37.148$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.18, 5.03, 5.06) @ 5290 MHz; Calibrated: 2023/1/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.507 W/kg

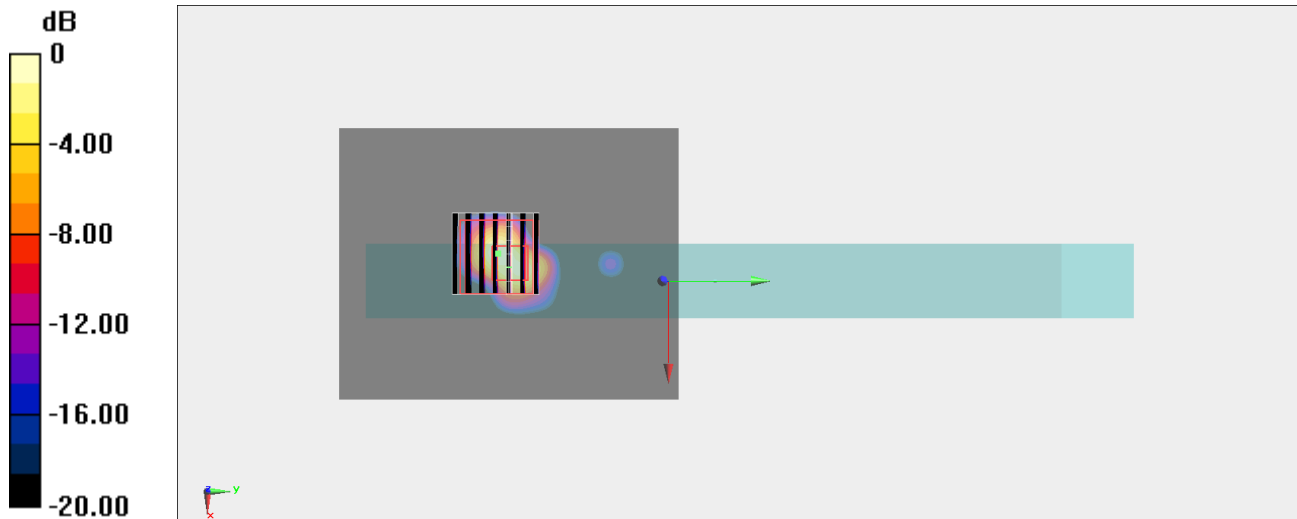
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.811 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.609 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

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

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.03

Medium: HSL\_5G\_230912 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.192$  S/m;  $\epsilon_r = 36.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.43, 4.27, 4.42) @ 5530 MHz; Calibrated: 2023/1/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0812 W/kg

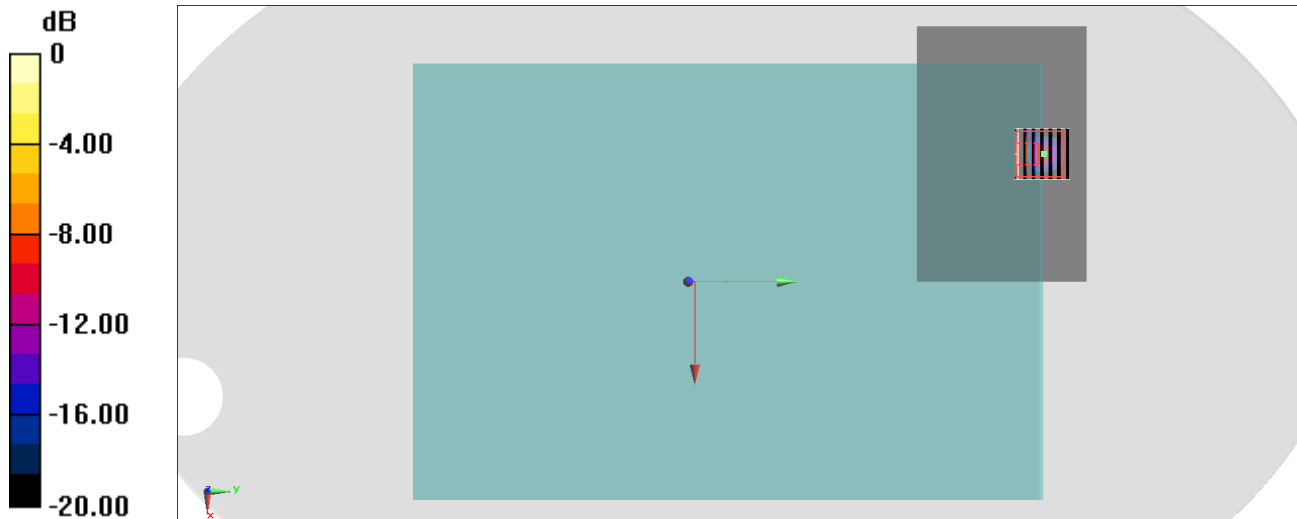
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.631 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.031 W/kg**

Maximum value of SAR (measured) = 0.606 W/kg



0 dB = 0.606 W/kg = -2.18 dBW/kg

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

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.03

Medium: HSL\_5G\_230912 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.471$  S/m;  $\epsilon_r = 36.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.56, 4.37, 4.41) @ 5775 MHz; Calibrated: 2023/1/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0904 W/kg

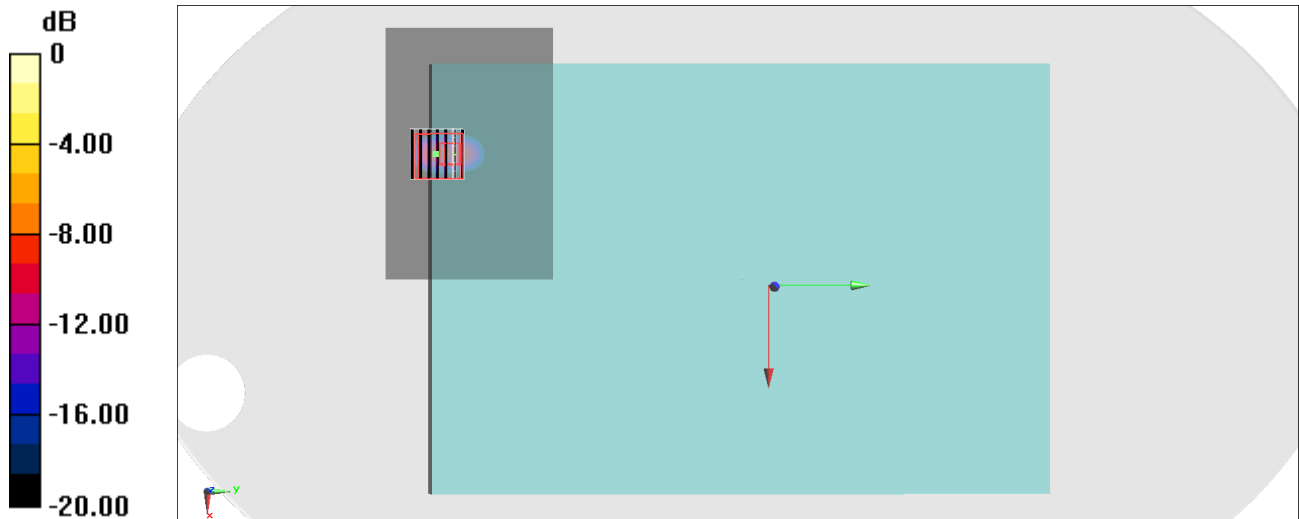
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.174 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.721 W/kg



0 dB = 0.721 W/kg = -1.42 dBW/kg

## #05\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450\_230911 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.746$  S/m;  $\epsilon_r = 39.044$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(7.59, 7.41, 8.57) @ 2402 MHz; Calibrated: 2023/7/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1794; Calibrated: 2023/2/1
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.541 W/kg

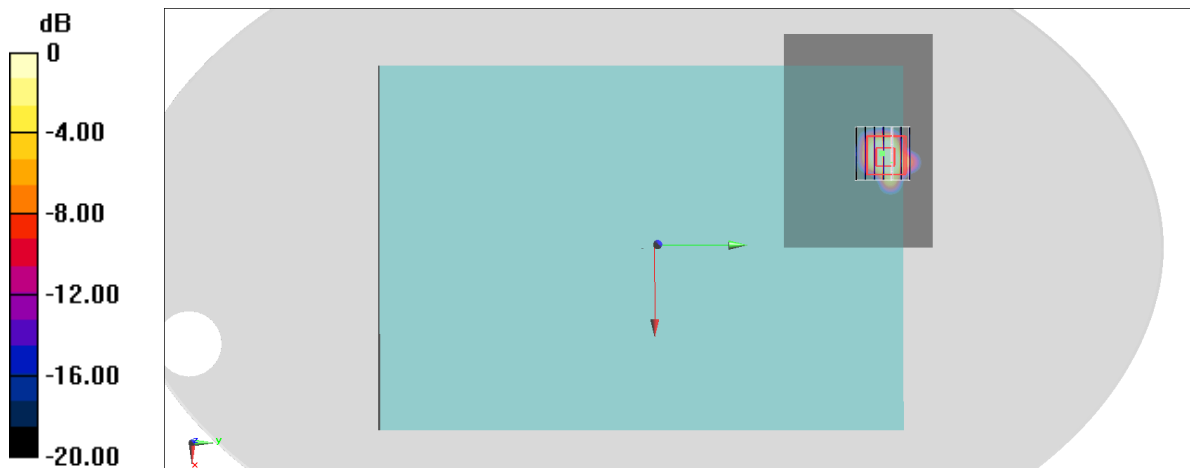
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.20 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.224 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.040 W/kg**

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg