

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

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

Medium: HSL\_2450\_210127 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.824$  S/m;  $\epsilon_r = 38.744$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.66, 7.66, 7.66) @ 2462 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.77 W/kg

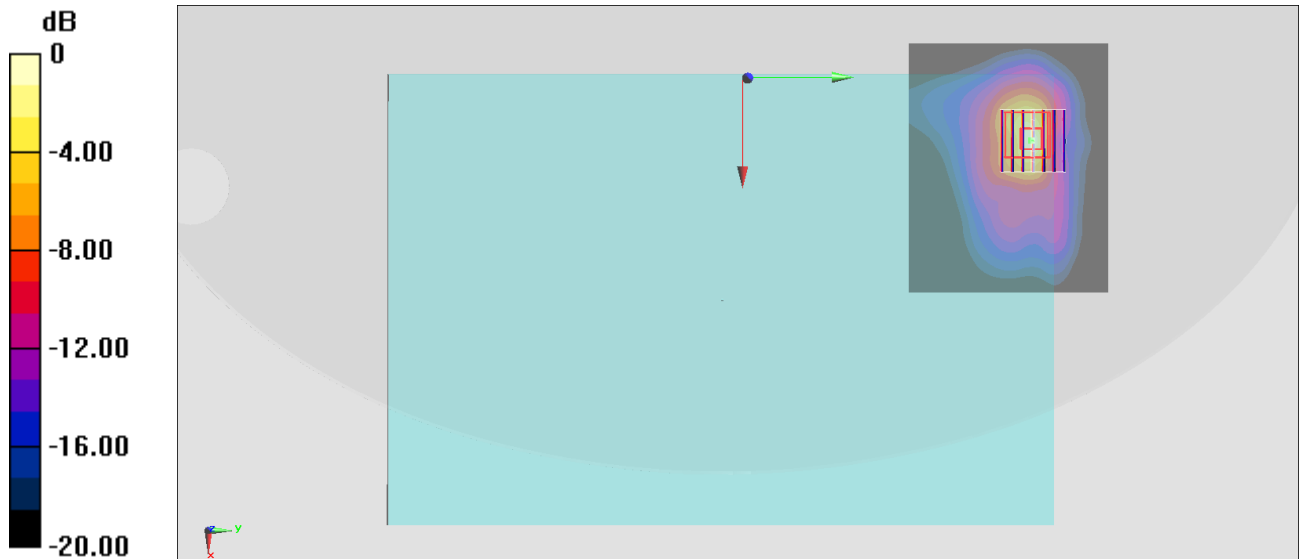
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.86 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.271 W/kg**

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Edge 2\_0mm\_Ch50;Ant 1**

Communication System: 802.11ac; Frequency: 5250 MHz; Duty Cycle: 1:1.013

Medium: HSL\_5G\_210127 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.721$  S/m;  $\epsilon_r = 35.714$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.38, 5.38, 5.38) @ 5250 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.71 W/kg

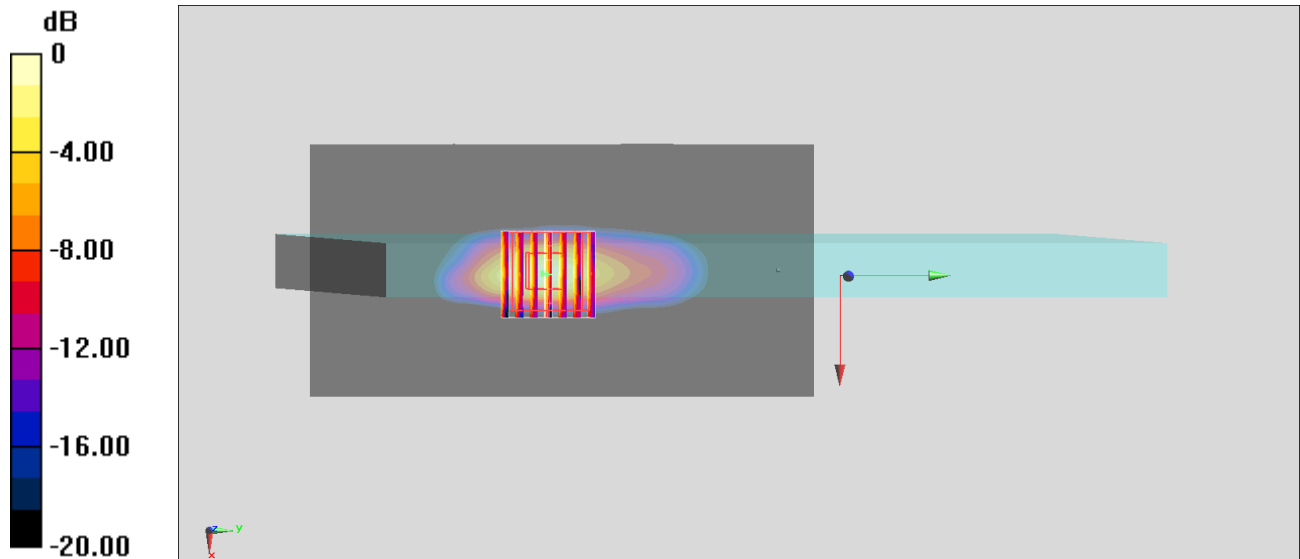
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.917 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.33 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 2.55 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Edge 2\_0mm\_Ch114;Ant 1**

Communication System: 802.11ac; Frequency: 5570 MHz; Duty Cycle: 1:1.013

Medium: HSL\_5G\_210127 Medium parameters used :  $f = 5570$  MHz;  $\sigma = 5.031$  S/m;  $\epsilon_r = 35.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.79, 4.79, 4.79) @ 5570 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.00 W/kg

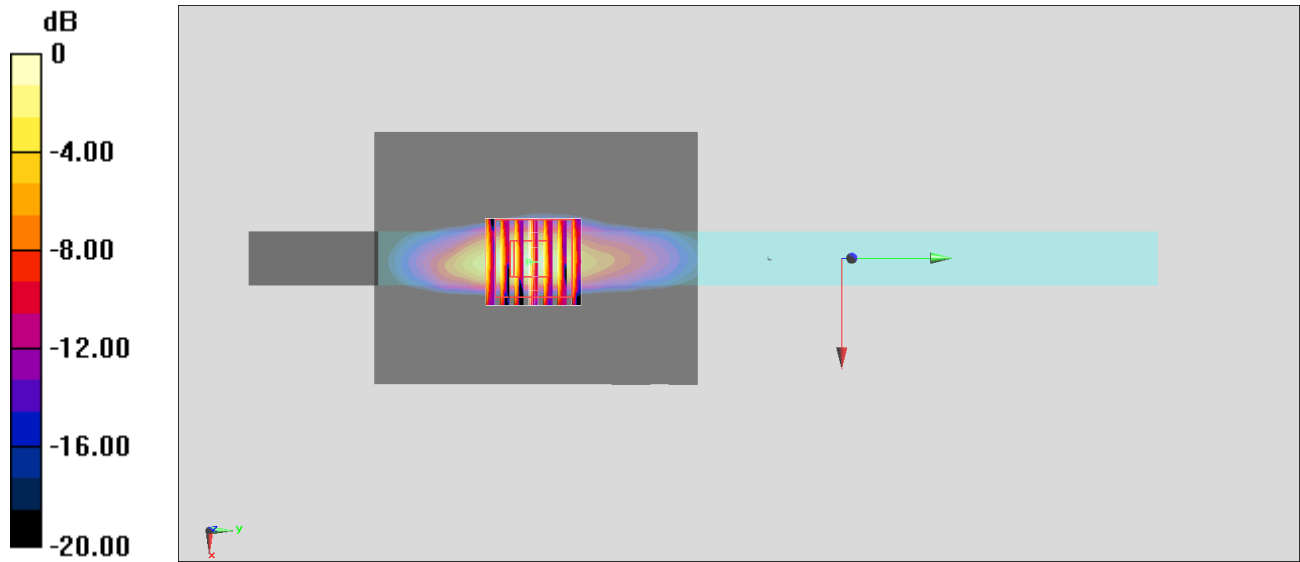
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.184 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.22 W/kg

**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.207 W/kg**

Maximum value of SAR (measured) = 2.00 W/kg



**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 2\_0mm\_Ch155;Ant 1**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_210127 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.241$  S/m;  $\epsilon_r = 35.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.84, 4.84, 4.84) @ 5775 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.14 W/kg

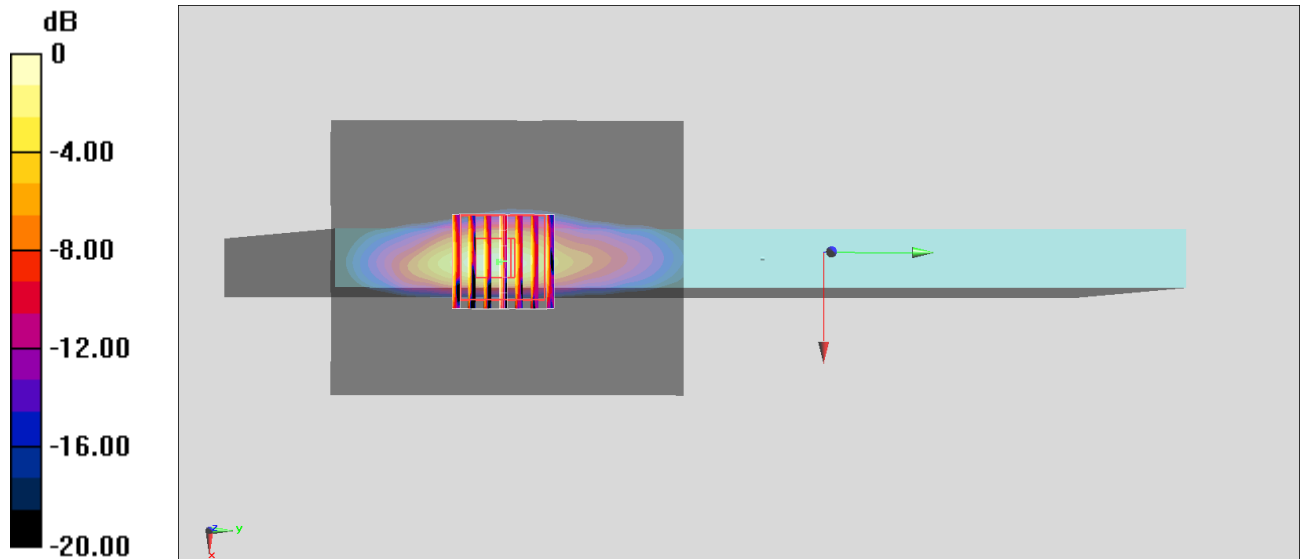
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.966 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.73 W/kg

**SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.168 W/kg**

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 3.14 W/kg = 4.97 dBW/kg

### #05\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch0;Ant 2

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

Medium: HSL\_2450\_210127 Medium parameters used :  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.757 \text{ S/m}$ ;  $\epsilon_r = 38.993$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.66, 7.66, 7.66) @ 2402 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.352 \text{ W/kg}$

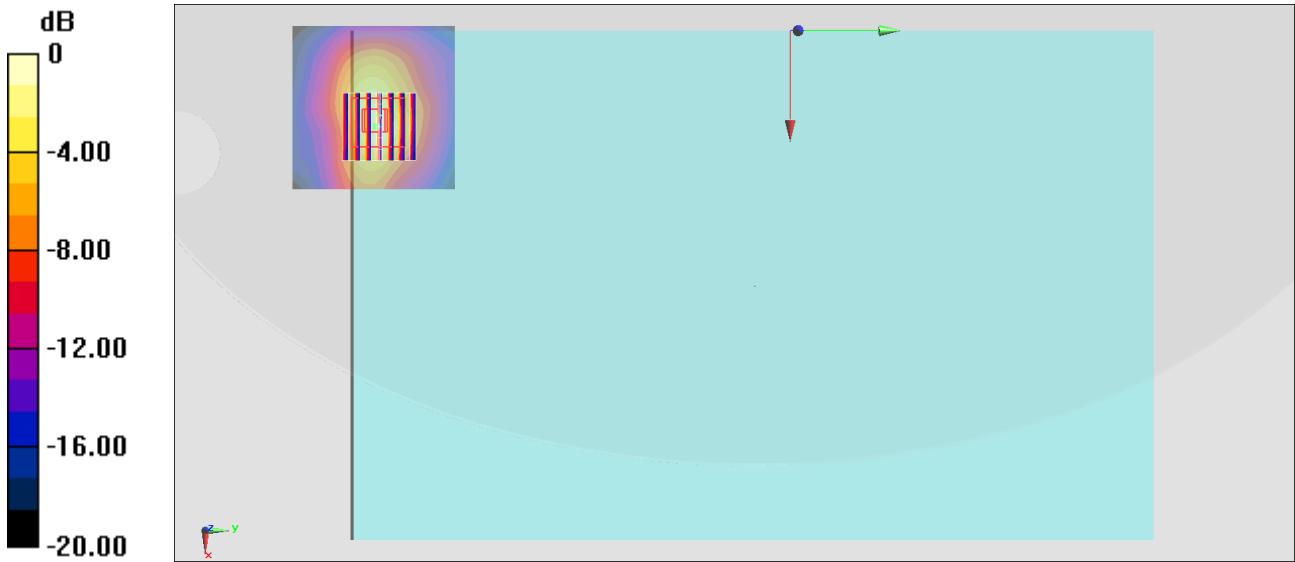
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.447 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.465 \text{ W/kg}$

**SAR(1 g) =  $0.151 \text{ W/kg}$ ; SAR(10 g) =  $0.056 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.313 \text{ W/kg}$



0 dB =  $0.352 \text{ W/kg}$  =  $-4.53 \text{ dBW/kg}$