

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

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

Medium: HSL\_2450\_210418 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 39.922$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2437 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.07 W/kg

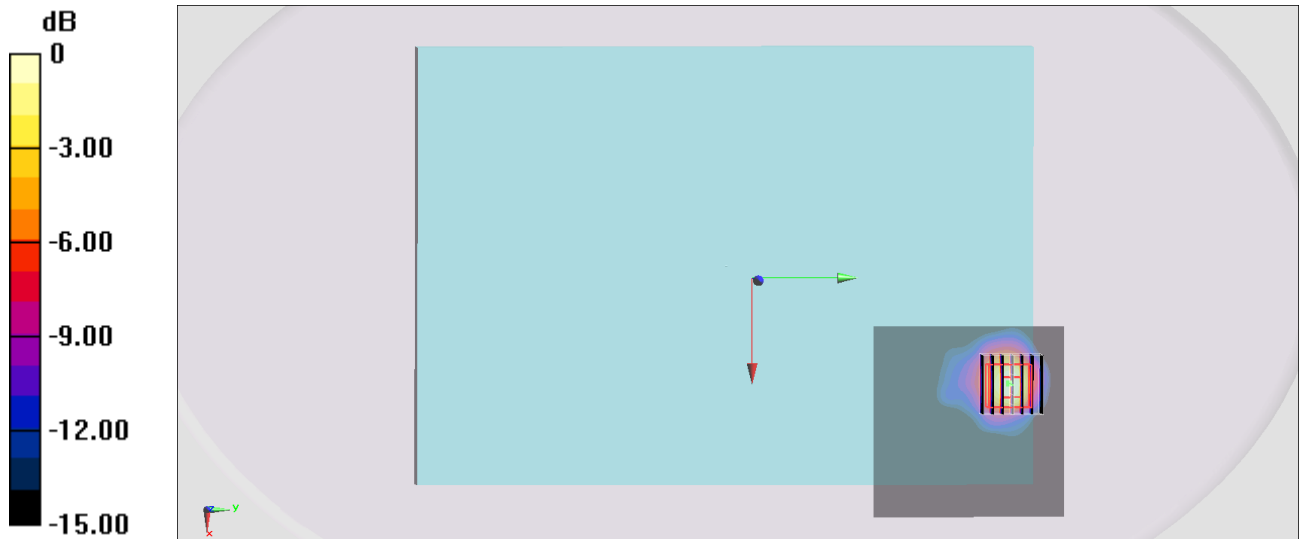
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.86 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.53 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.453 W/kg**

Maximum value of SAR (measured) = 1.87 W/kg



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

Communication System: 802.11ac ; Frequency: 5250 MHz;Duty Cycle: 1:1.014

Medium: HSL\_5G\_210419 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.676$  S/m;  $\epsilon_r = 37.356$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7439; ConvF(5.23, 5.23, 5.23) @ 5250 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- 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) = 2.38 W/kg

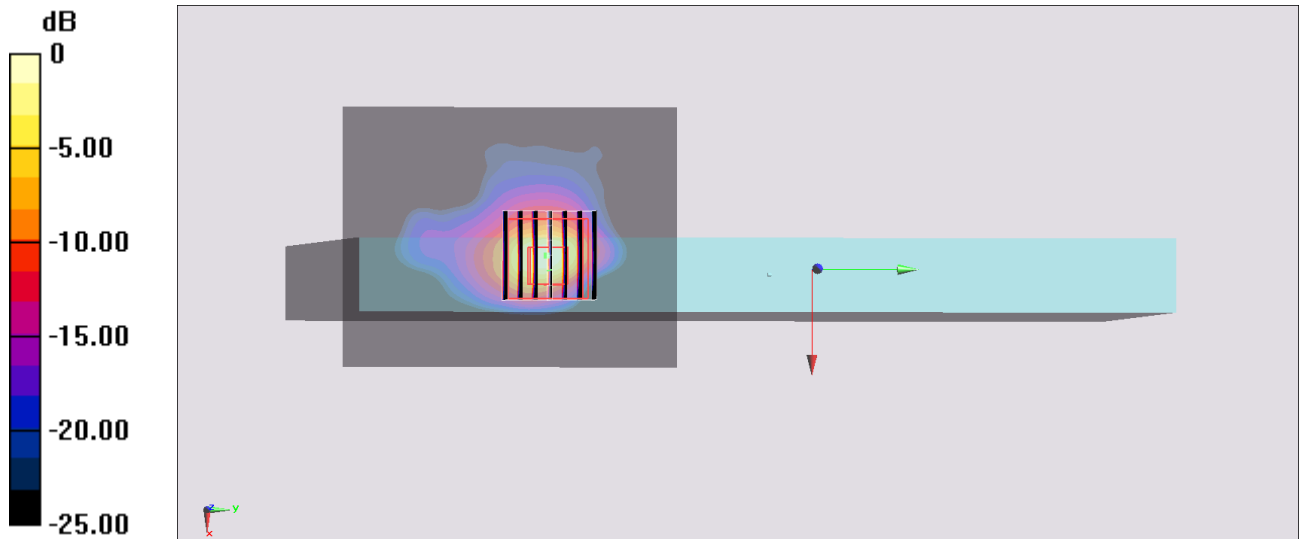
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.211 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.96 W/kg

**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.195 W/kg**

Maximum value of SAR (measured) = 2.43 W/kg



0 dB = 2.43 W/kg = 3.86 dBW/kg

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

Communication System: 802.11ac ; Frequency: 5570 MHz;Duty Cycle: 1:1.014

Medium: HSL\_5G\_210419 Medium parameters used :  $f = 5570$  MHz;  $\sigma = 5.033$  S/m;  $\epsilon_r = 36.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7439; ConvF(4.59, 4.59, 4.59) @ 5570 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.73 W/kg

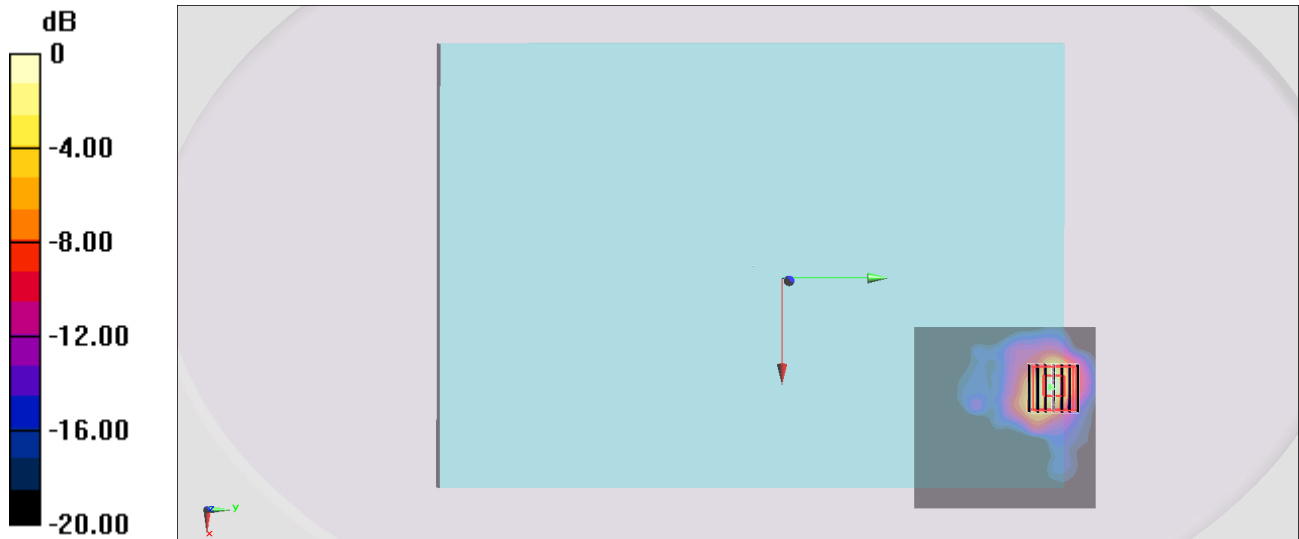
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.41 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.00 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.302 W/kg**

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



0 dB = 2.87 W/kg = 4.58 dBW/kg

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

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.014

Medium: HSL\_5G\_210419 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.235$  S/m;  $\epsilon_r = 36.494$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7439; ConvF(4.81, 4.81, 4.81) @ 5775 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.58 W/kg

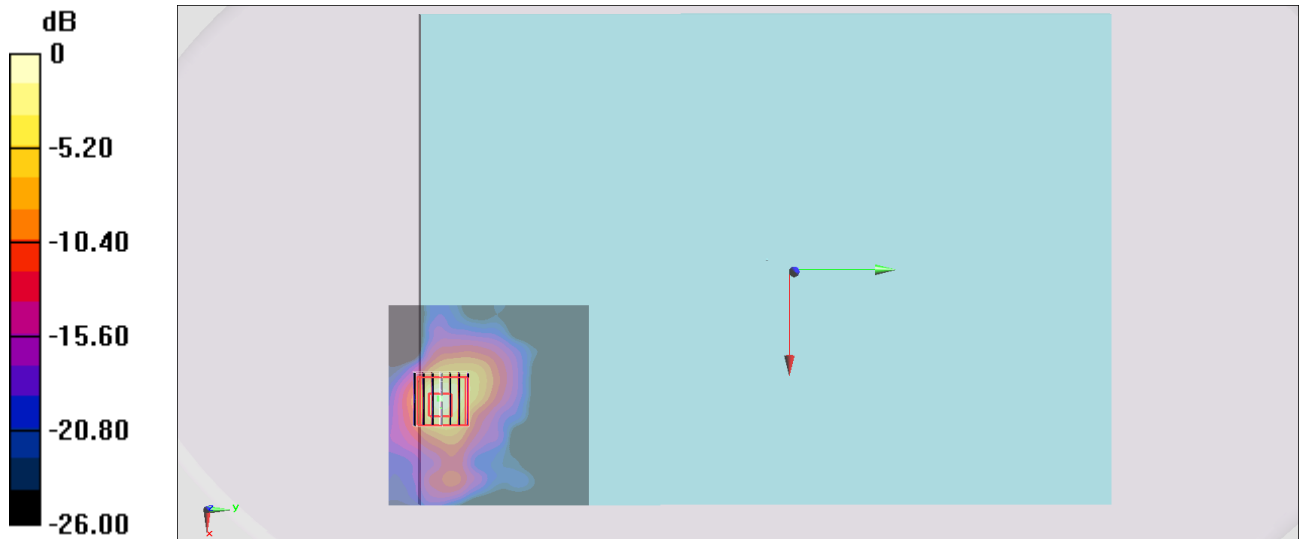
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.66 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.62 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.288 W/kg**

Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

**#05\_Bluetooth\_1 Mbps\_Botton Face\_0mm\_Ch78 ;Ant 2**

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.301

Medium: HSL\_2450\_210418 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.832$  S/m;  $\epsilon_r = 39.76$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2480 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.209 W/kg

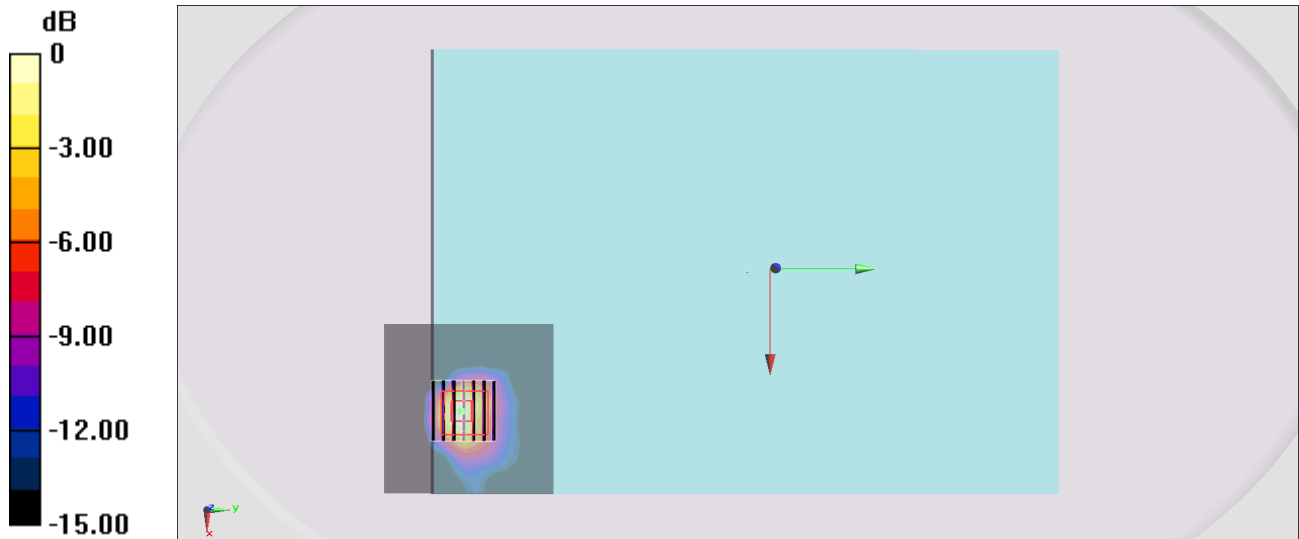
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.315 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.267 W/kg

**SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.047 W/kg**

Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg