

## #01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0mm\_Ch11\_Ant 2

Communication System: IEEE 802.11b WiFi 2.4 GHz ; Frequency: 2462.0 MHz; Duty Cycle: 1:1.002  
Medium: HSL\_2450\_221112 Medium parameters used:  $f= 2462.0$  MHz;  $\sigma= 1.80$  S/m;  $\epsilon_r = 38.7$

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

### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.58, 7.58, 7.58); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10012-CAB

**Area Scan (120.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 0.906 W/kg; SAR (10g) = 0.444 W/kg;

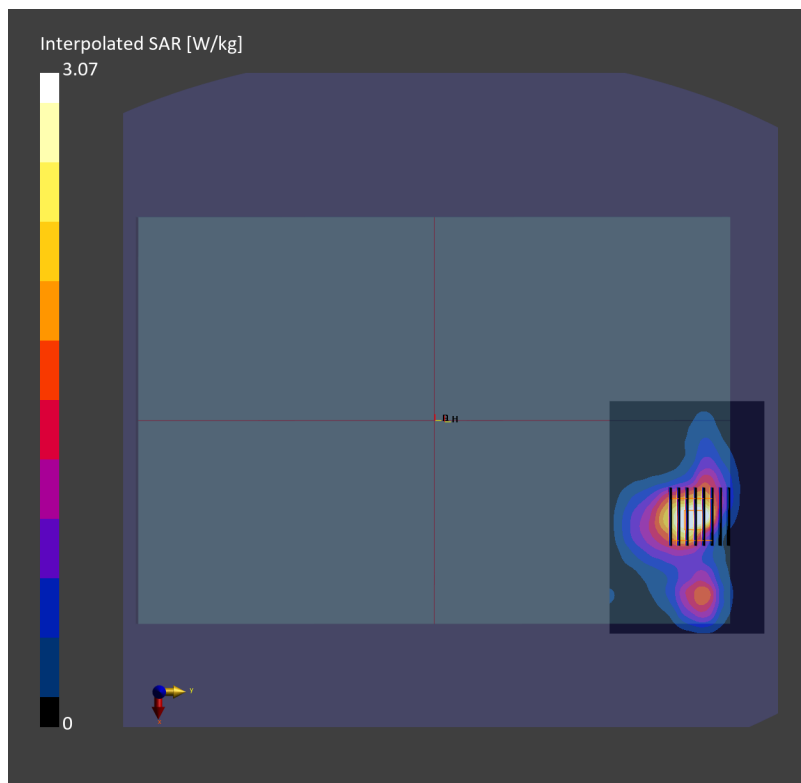
**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 4.3 mm x 4.3 mm x 1.5 mm  
Power Drift = 0.01 dB

SAR (1g) = 1.08 W/kg; SAR (8g) = 0.507 W/kg; SAR (10g) = 0.455 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 73.0 %

psAPD (1.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]



## #02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom Face\_0mm\_Ch58\_Ant 2

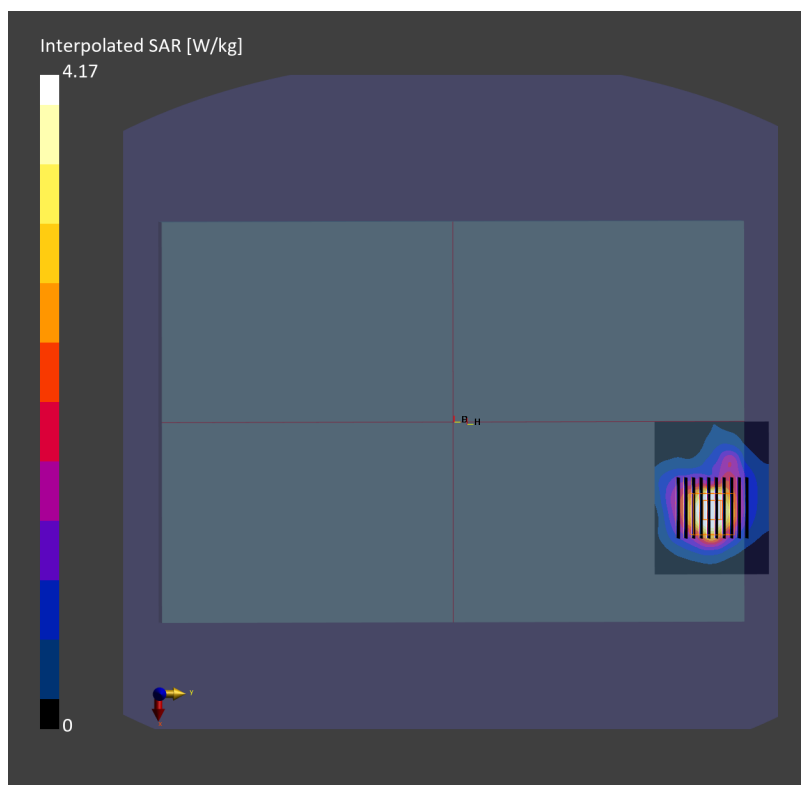
Communication System: IEEE 802.11ac WiFi ; Frequency: 5290.0 MHz; Duty Cycle: 1:1.041  
Medium: HSL\_5G\_221113 Medium parameters used:  $f = 5290.0$  MHz;  $\sigma = 4.78$  S/m;  $\epsilon_r = 36.8$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.13, 5.13, 5.13); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10544-AAC

**Area Scan (80.0 mm x 60.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 0.995 W/kg; SAR (10g) = 0.378 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm  
Power Drift = -0.09 dB  
SAR (1g) = 1.12 W/kg; SAR (8g) = 0.484 W/kg; SAR (10g) = 0.428 W/kg  
Smallest distance from peaks to all points 3 dB below = 5.9 mm  
Ratio of SAR at M2 to SAR at M1 = 60.5 %  
psAPD (1.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]



### #03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge3\_0mm\_Ch106 Ant 1

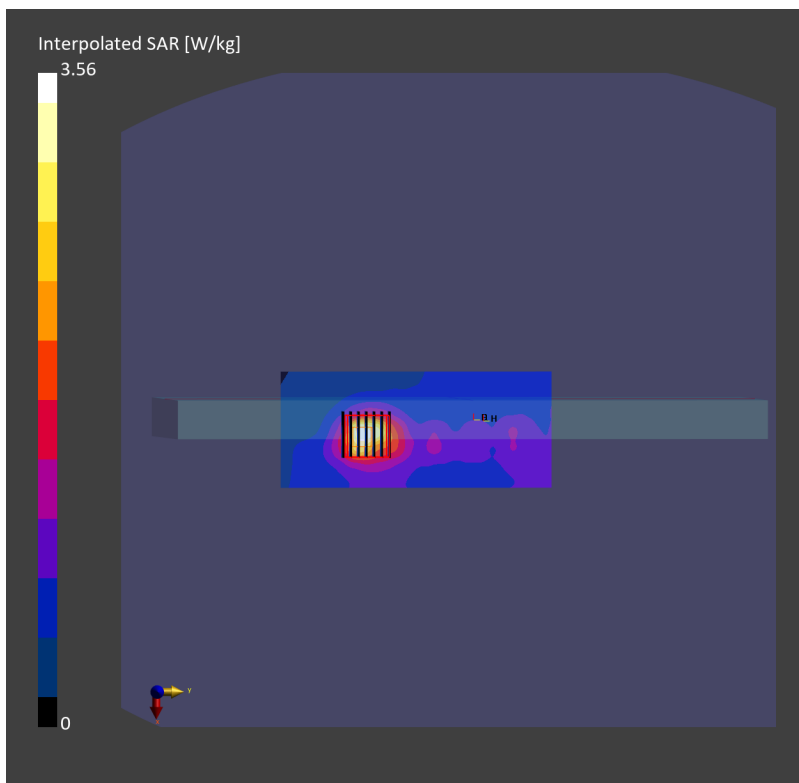
Communication System: IEEE 802.11ac WiFi ; Frequency: 5530.0 MHz; Duty Cycle: 1:1.041  
Medium: HSL\_5G\_221130 Medium parameters used:  $f= 5530.0$  MHz;  $\sigma= 4.96$  S/m;  $\epsilon_r = 36.0$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2022-02-28
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10544-AAC

**Area Scan (60.0 mm x 140.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 0.961 W/kg; SAR (10g) = 0.362 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm  
Power Drift = 0.02 dB  
SAR (1g) = 1.08 W/kg; SAR (8g) = 0.544 W/kg; SAR (10g) = 0.506 W/kg  
Smallest distance from peaks to all points 3 dB below = 7.3 mm  
Ratio of SAR at M2 to SAR at M1 = 66.3 %  
psAPD (1.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = n/a [W/m<sup>2</sup>]



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

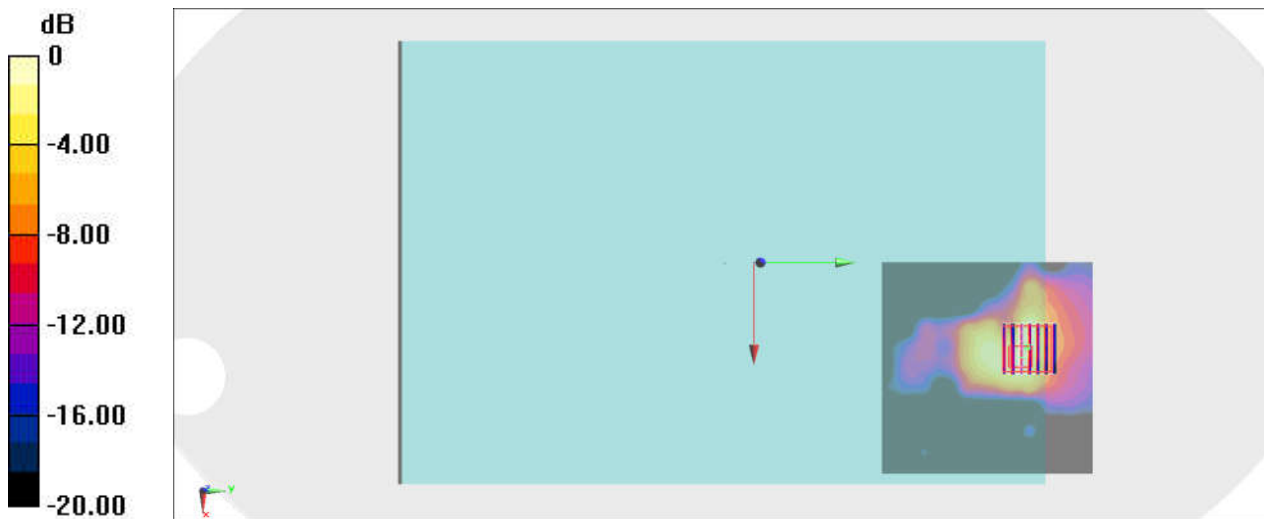
Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.041  
Medium: HSL\_5G\_221116 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.308$  S/m;  $\epsilon_r = 36.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5775 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.68 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 8.095 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 3.72 W/kg  
**SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.316 W/kg**  
Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 1.68 W/kg = 2.27 dBW/kg

### #05\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom Face\_0mm\_Ch171;Ant 2

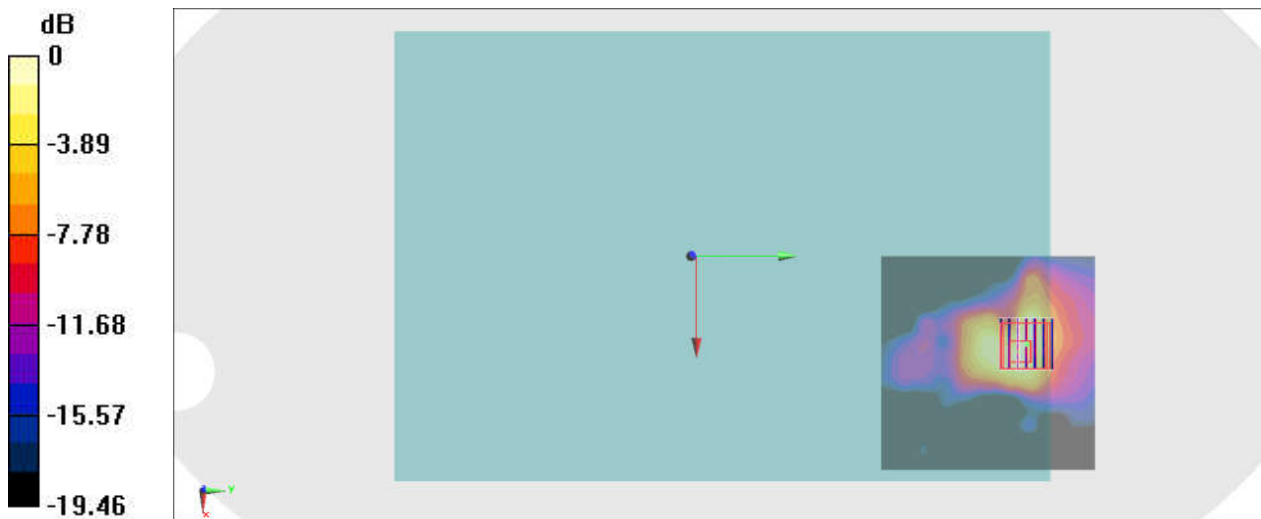
Communication System: 802.11ac; Frequency: 5855 MHz; Duty Cycle: 1:1.042  
Medium: HSL\_5G\_221116 Medium parameters used:  $f = 5855$  MHz;  $\sigma = 5.396$  S/m;  $\epsilon_r = 36.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5855 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.22 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 10.23 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 4.40 W/kg  
**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.397 W/kg**  
Maximum value of SAR (measured) = 2.56 W/kg



0 dB = 2.22 W/kg = 3.45 dBW/kg

### #06\_Bluetooth\_1Mbps\_Bottom Face\_0mm\_Ch0;Ant 2

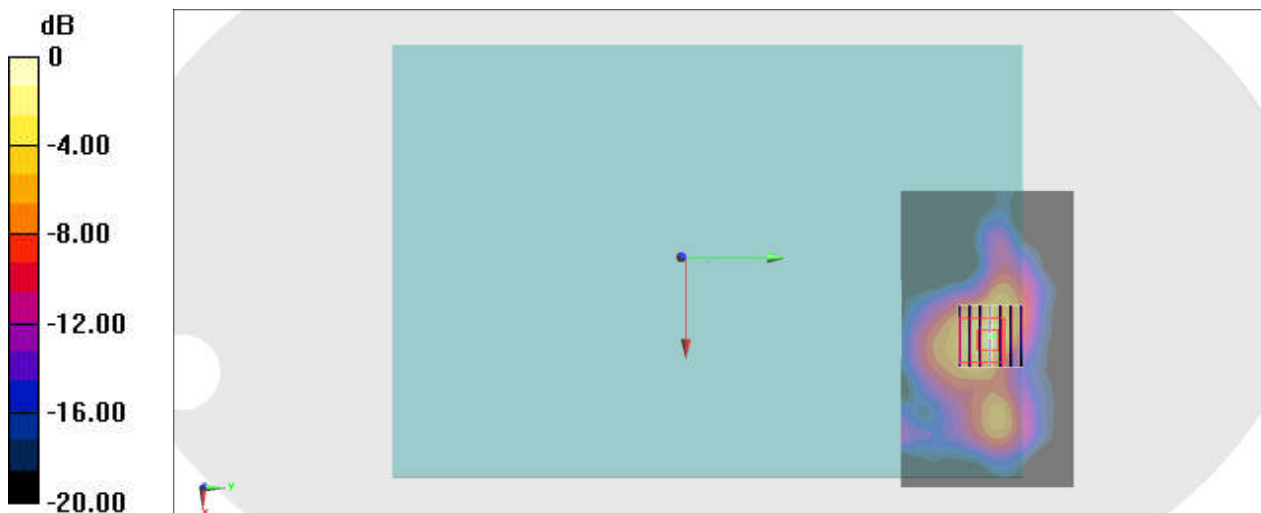
Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_221112 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.75$  S/m;  $\epsilon_r = 39.373$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.44, 7.44, 7.44) @ 2402 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (121x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.564 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 10.29 V/m; Power Drift = -0.17 dB  
Peak SAR (extrapolated) = 0.998 W/kg  
**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.142 W/kg**  
Maximum value of SAR (measured) = 0.744 W/kg



0 dB = 0.744 W/kg = -1.28 dBW/kg