

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0mm\_Ch1;Ant 1**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450\_190614 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.729$  S/m;  $\epsilon_r = 38.656$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.11, 7.11, 7.11) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x71x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.71 W/kg

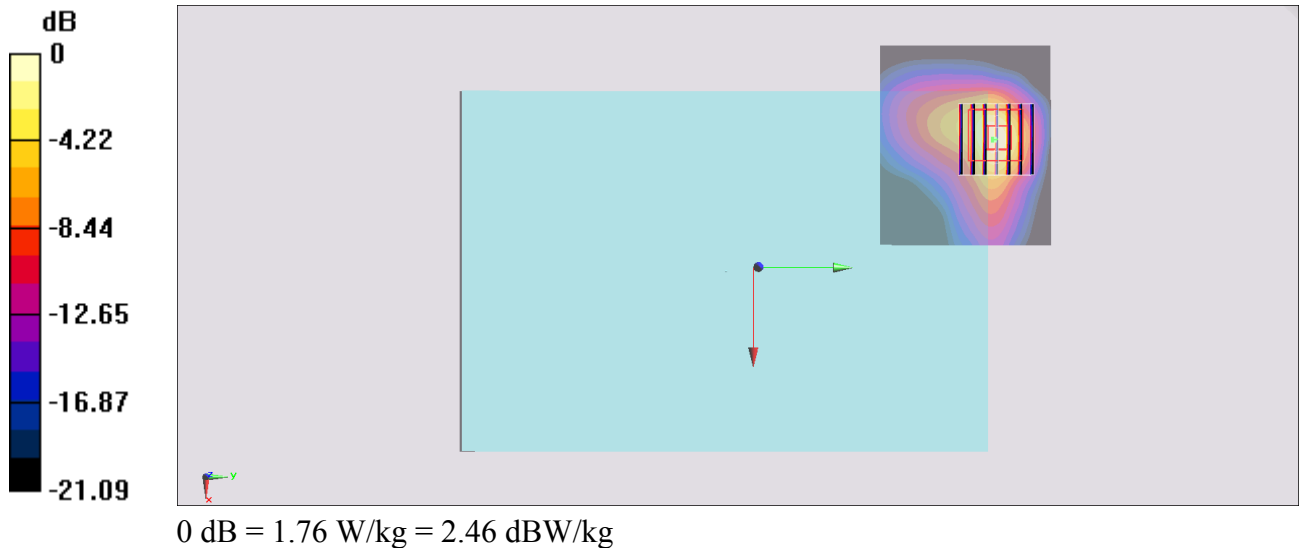
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 25.37 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.346 W/kg**

Maximum value of SAR (measured) = 1.76 W/kg



**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 4\_0mm\_Ch54;Ant 1**

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.053

Medium: HSL\_5G\_190613 Medium parameters used :  $f = 5270$  MHz;  $\sigma = 4.731$  S/m;  $\epsilon_r = 35.945$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3728; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (111x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

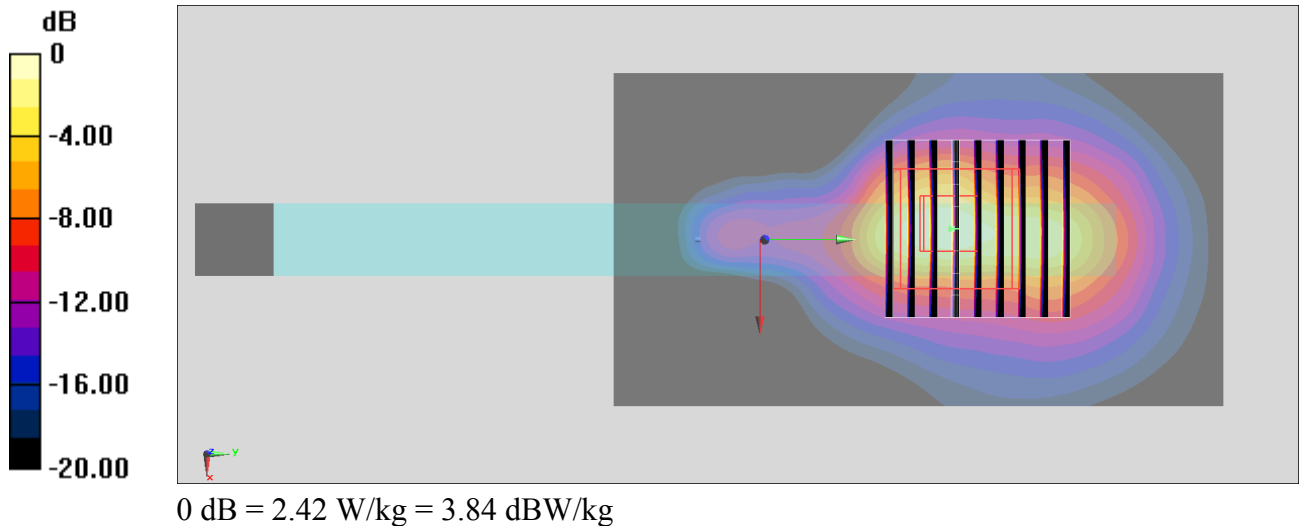
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.52 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.19 W/kg

**SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.207 W/kg**

Maximum value of SAR (measured) = 2.42 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch122;Ant 1**

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.111

Medium: HSL\_5G\_190613 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.081$  S/m;  $\epsilon_r = 35.503$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.2, 4.2, 4.2) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (111x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.25 W/kg

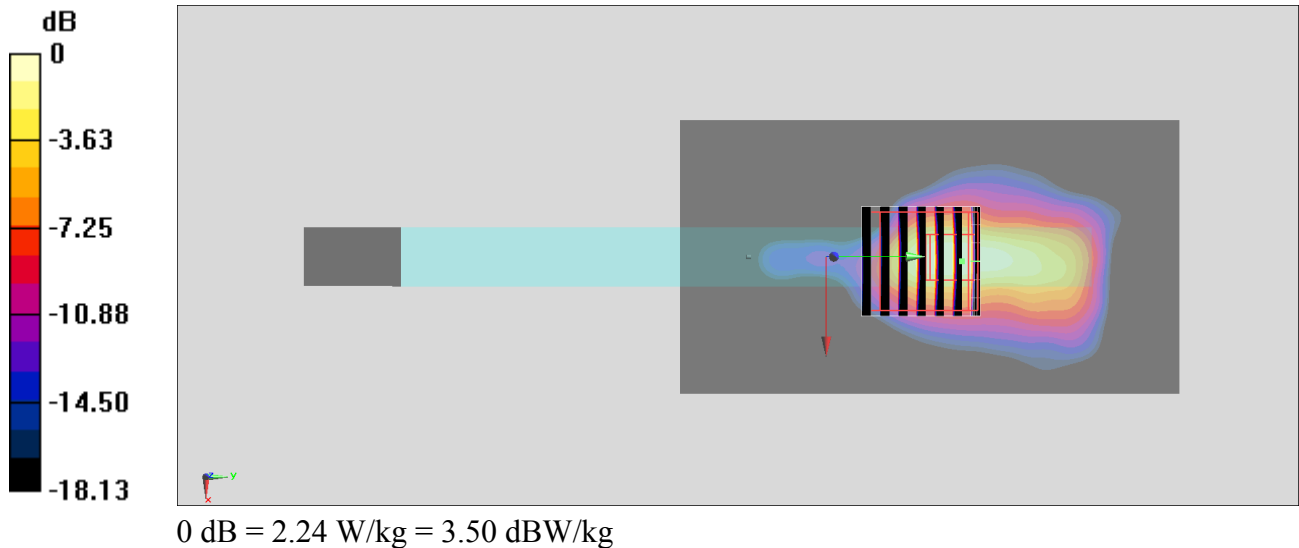
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.27 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.96 W/kg

**SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 2.24 W/kg



**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch155;Ant 1**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.111

Medium: HSL\_5G\_190613 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.246$  S/m;  $\epsilon_r = 35.34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3728; ConvF(4.26, 4.26, 4.26) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (111x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 7.242 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.57 W/kg

**SAR(1 g) = 0.901 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 1.97 W/kg

