

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

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

Medium: HSL\_2450\_190430 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.817$  S/m;  $\epsilon_r = 39.94$ ;  $\rho = 1000$  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 Sn854; Calibrated: 2018/6/14
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (71x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.510 W/kg

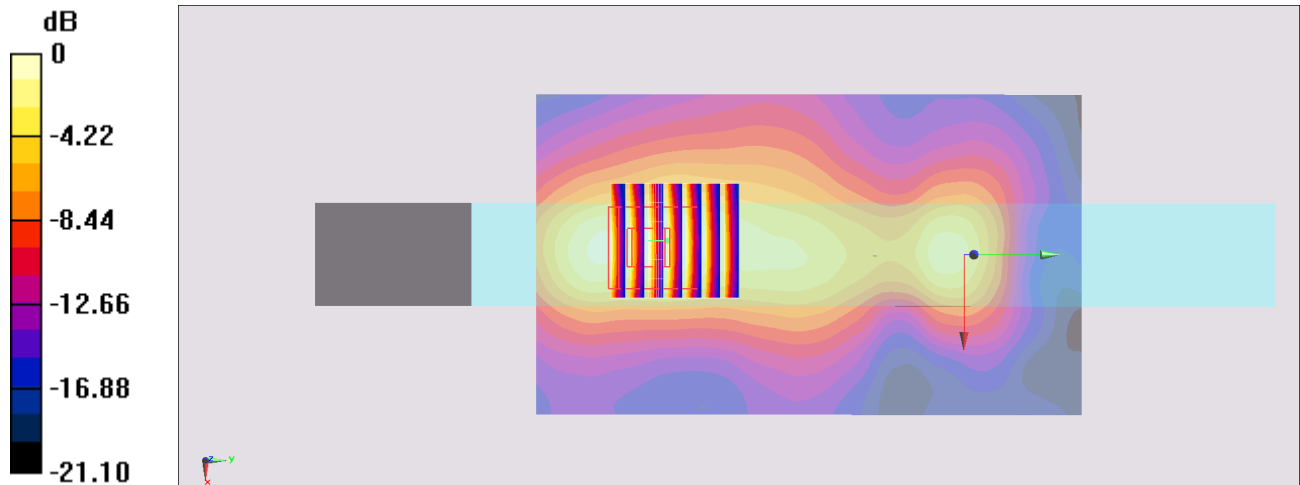
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.44 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.619 W/kg

**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.496 W/kg = -3.05 dBW/kg

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

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.049

Medium: HSL\_5G\_190427 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.73$  S/m;  $\epsilon_r = 36.467$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn854; Calibrated: 2018/6/14
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 2.03 W/kg

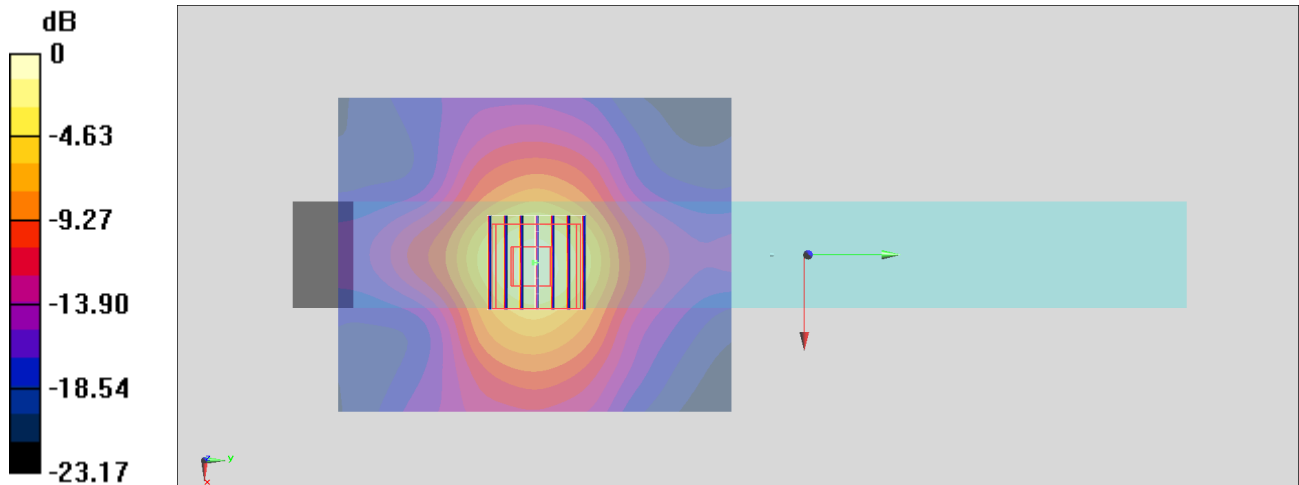
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.24 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.50 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.375 W/kg**

Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg = 3.48 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch138;Ant 1**

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.101

Medium: HSL\_5G\_190427 Medium parameters used :  $f = 5690$  MHz;  $\sigma = 5.153$  S/m;  $\epsilon_r = 35.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 Sn854; Calibrated: 2018/6/14
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 1.98 W/kg

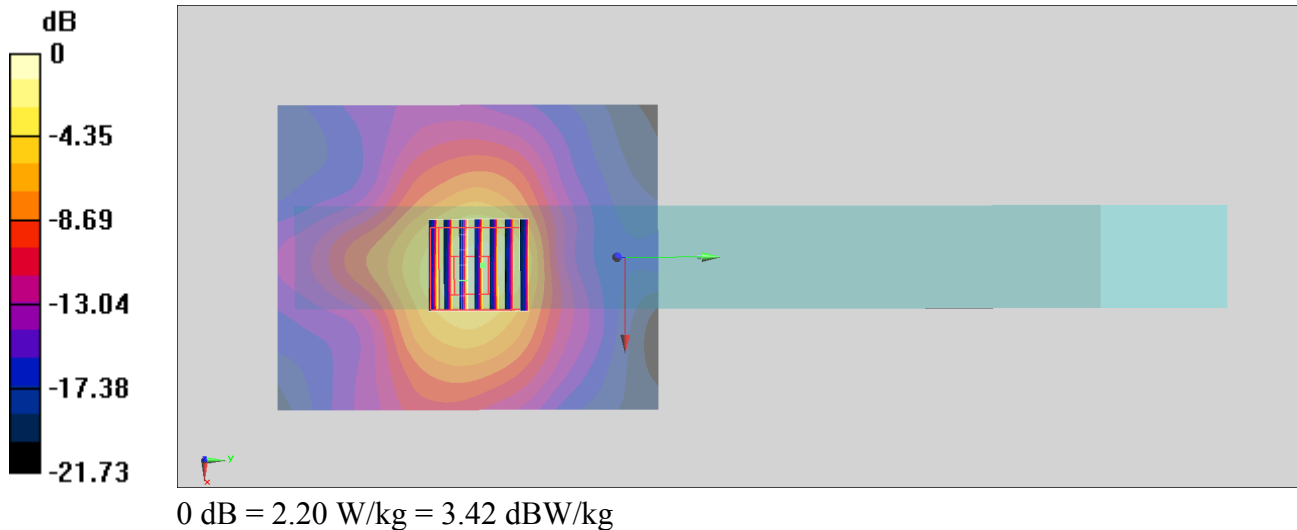
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.15 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.65 W/kg

**SAR(1 g) = 0.983 W/kg; SAR(10 g) = 0.373 W/kg**

Maximum value of SAR (measured) = 2.20 W/kg



**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch155;Ant 2**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.115

Medium: HSL\_5G\_190427 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.257$  S/m;  $\epsilon_r = 35.692$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 Sn854; Calibrated: 2018/6/14
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 1.98 W/kg

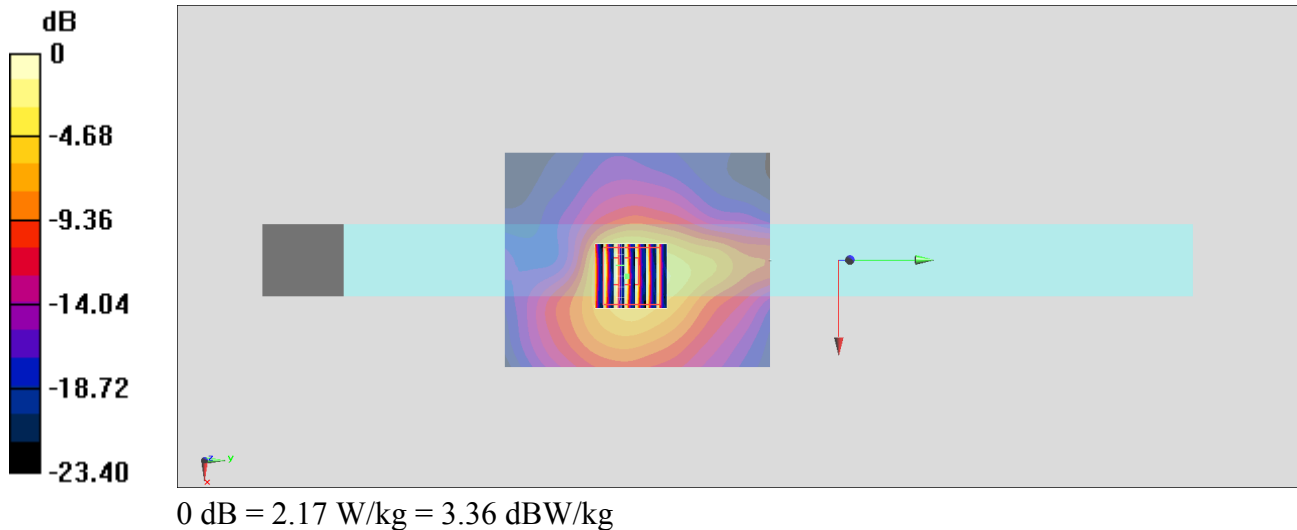
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.44 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.04 W/kg

**SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.314 W/kg**

Maximum value of SAR (measured) = 2.17 W/kg



**#05\_Bluetooth\_1Mbps\_Edge\_3\_0mm\_Ch78;Ant 2**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_190430 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 39.868$ ;  $\rho = 1000$  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 Sn854; Calibrated: 2018/6/14
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (61x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0760 W/kg

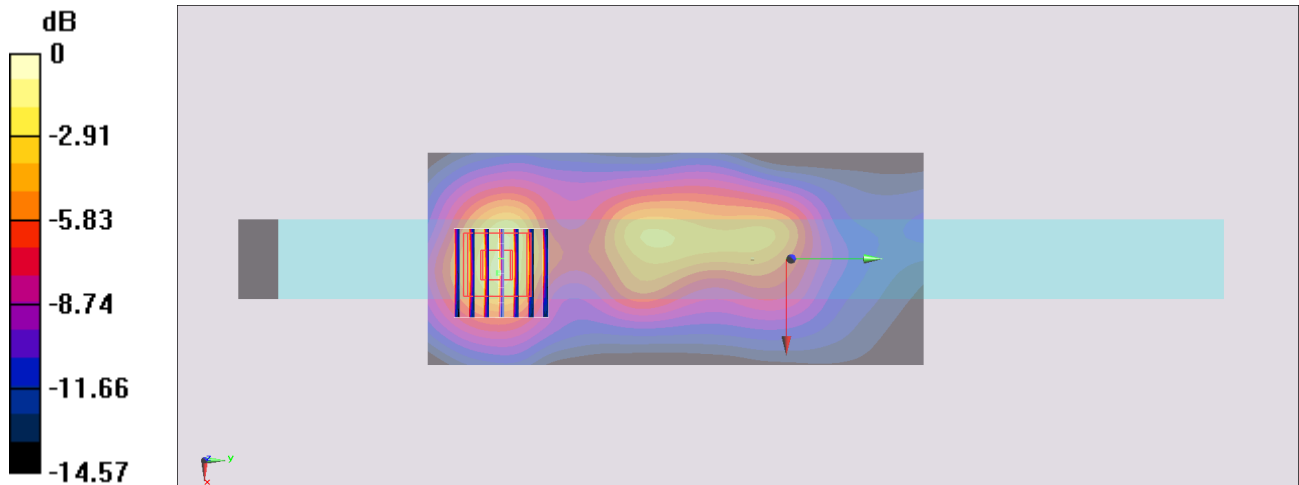
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.119 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg = -9.51 dBW/kg