

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 3\_0mm\_Ch6;Ant 1**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.007

Medium: HSL\_2450\_191115 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.788$  S/m;  $\epsilon_r = 38.855$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2437 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

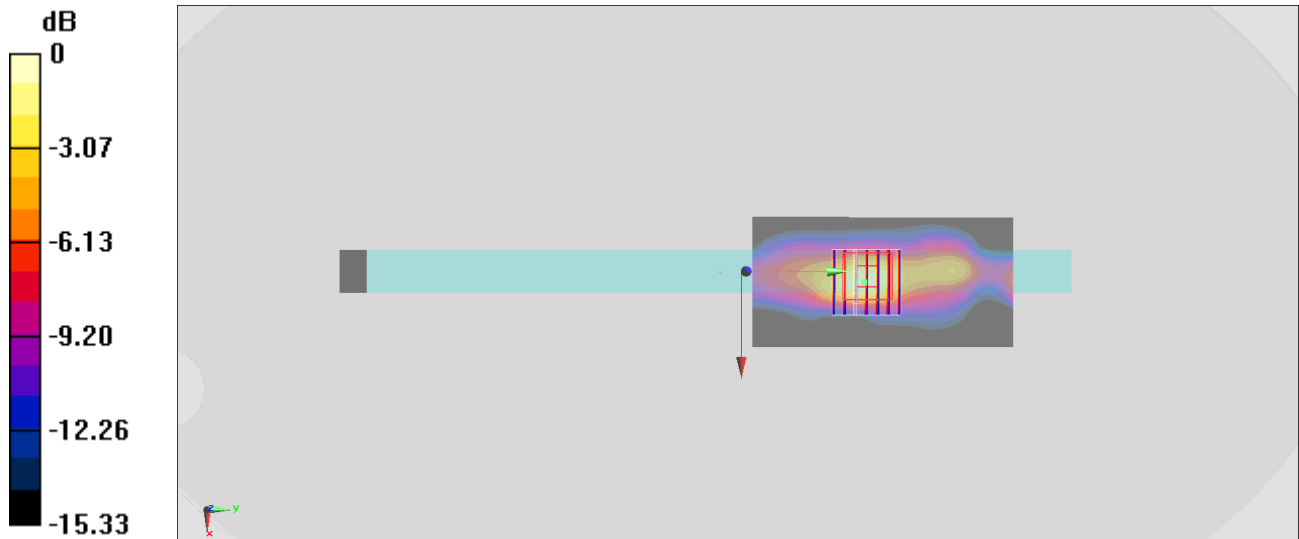
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.995 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.297 W/kg**

Maximum value of SAR (measured) = 1.25 W/kg



**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch42;Ant 2**

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.013

Medium: HSL\_5G\_191116 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.45$  S/m;  $\epsilon_r = 36.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5210 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.61 W/kg

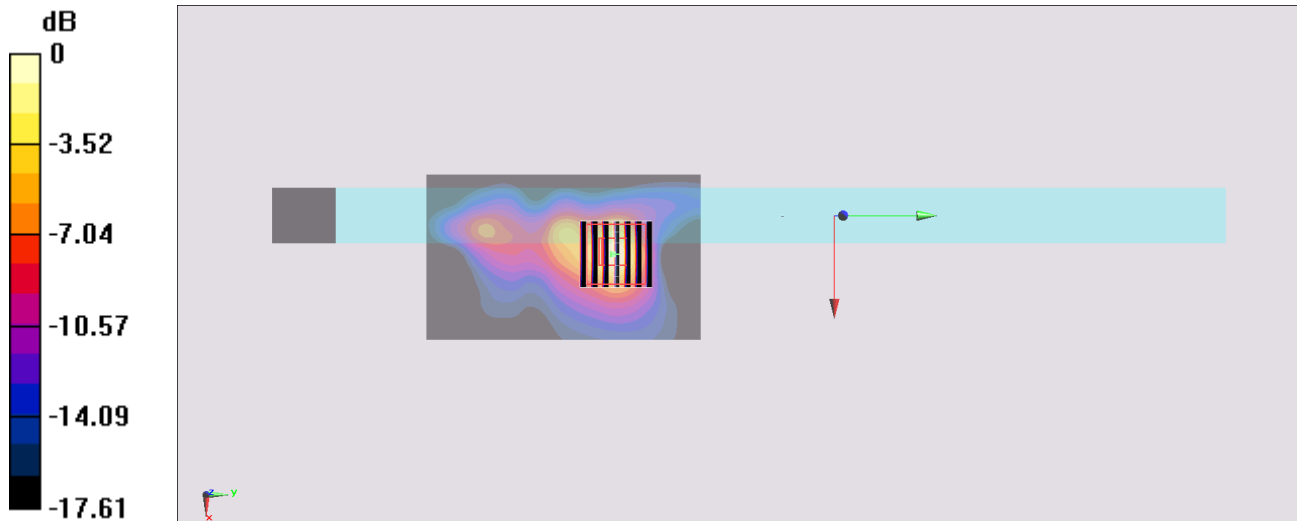
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.23 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.42 W/kg

**SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.325 W/kg**

Maximum value of SAR (measured) = 2.71 W/kg



0 dB = 2.61 W/kg = 4.17 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch58;Ant 2**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.013

Medium: HSL\_5G\_191116 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.523$  S/m;  $\epsilon_r = 36.804$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5290 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 3.20 W/kg

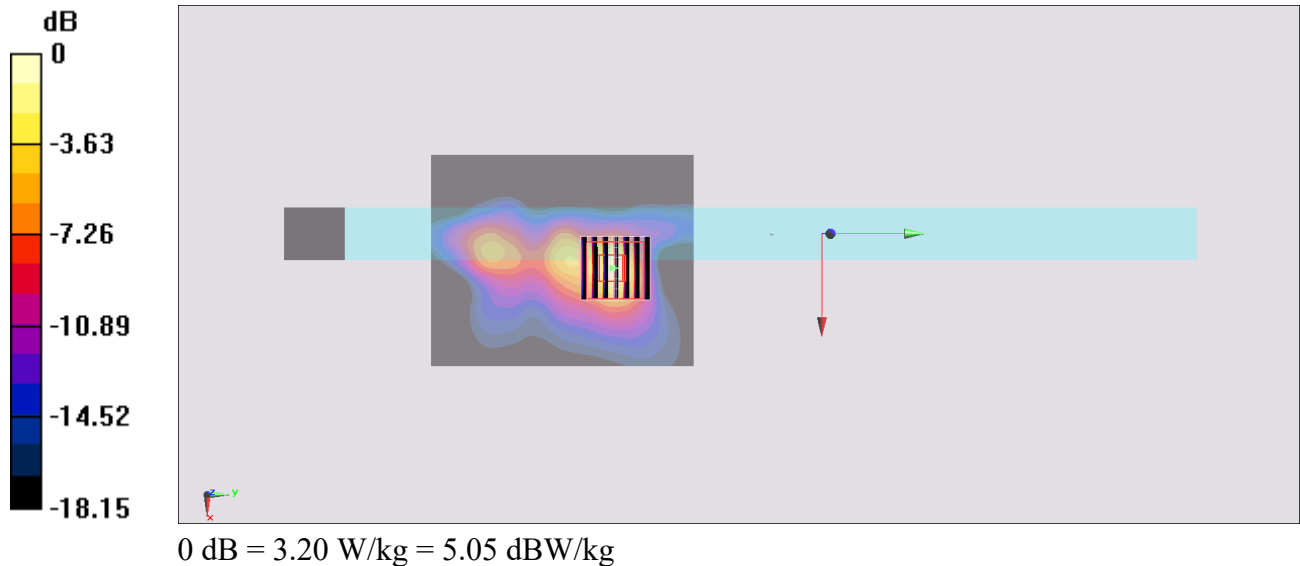
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.83 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.31 W/kg

**SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.380 W/kg**

Maximum value of SAR (measured) = 3.25 W/kg



**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch106;Ant 2**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.013

Medium: HSL\_5G\_191117 Medium parameters used :  $f = 5530$  MHz;  $\sigma = 4.926$  S/m;  $\epsilon_r = 36.306$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5530 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.36 W/kg

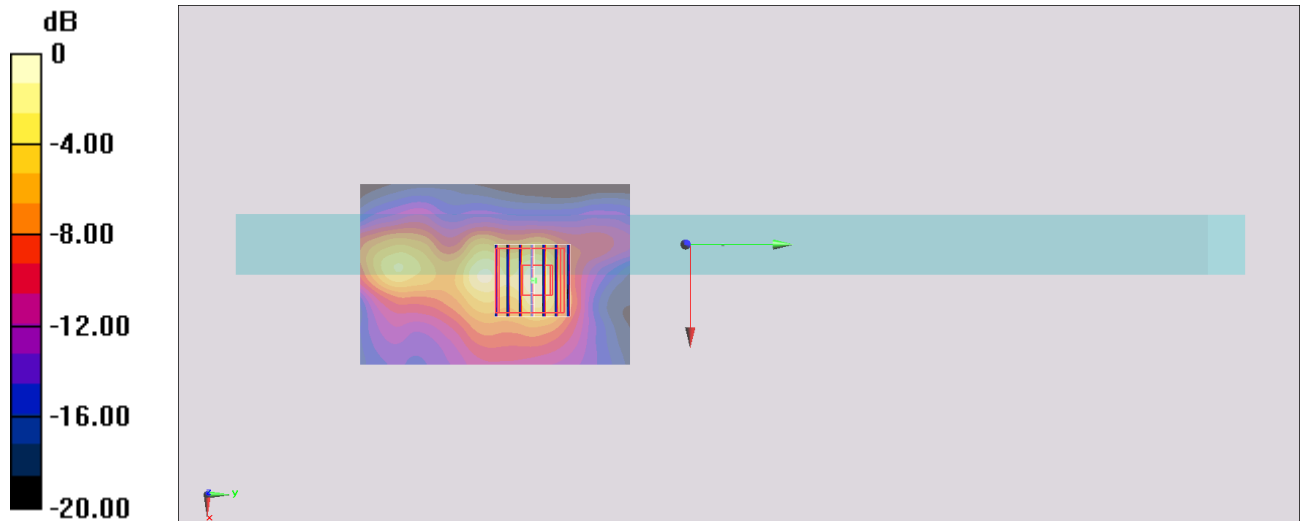
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.61 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.90 W/kg

**SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 2.29 W/kg



0 dB = 2.36 W/kg = 3.73 dBW/kg

**#05\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 3\_0mm\_Ch159;Ant 1**

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1.010

Medium: HSL\_5G\_191117 Medium parameters used :  $f = 5795$  MHz;  $\sigma = 5.261$  S/m;  $\epsilon_r = 36.363$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5795 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.47 W/kg

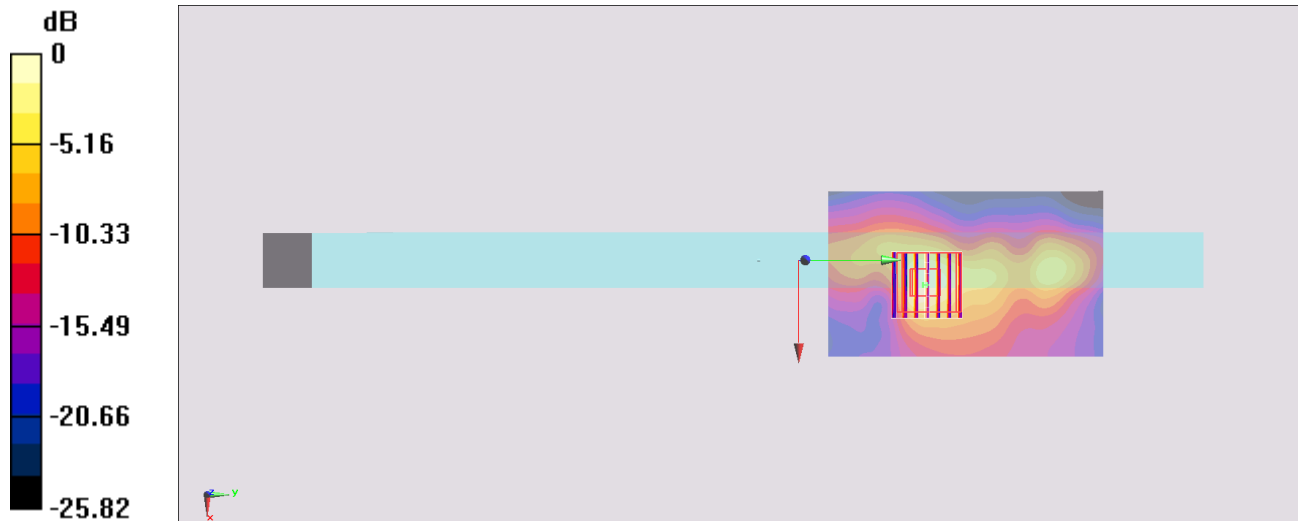
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.37 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 5.09 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.284 W/kg**

Maximum value of SAR (measured) = 2.74 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

**#06\_Bluetooth\_1Mbps\_Edge 3\_0mm\_Ch78;Ant 2**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.295

Medium: HSL\_2450\_191115 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.835$  S/m;  $\epsilon_r = 38.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2480 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0425 W/kg

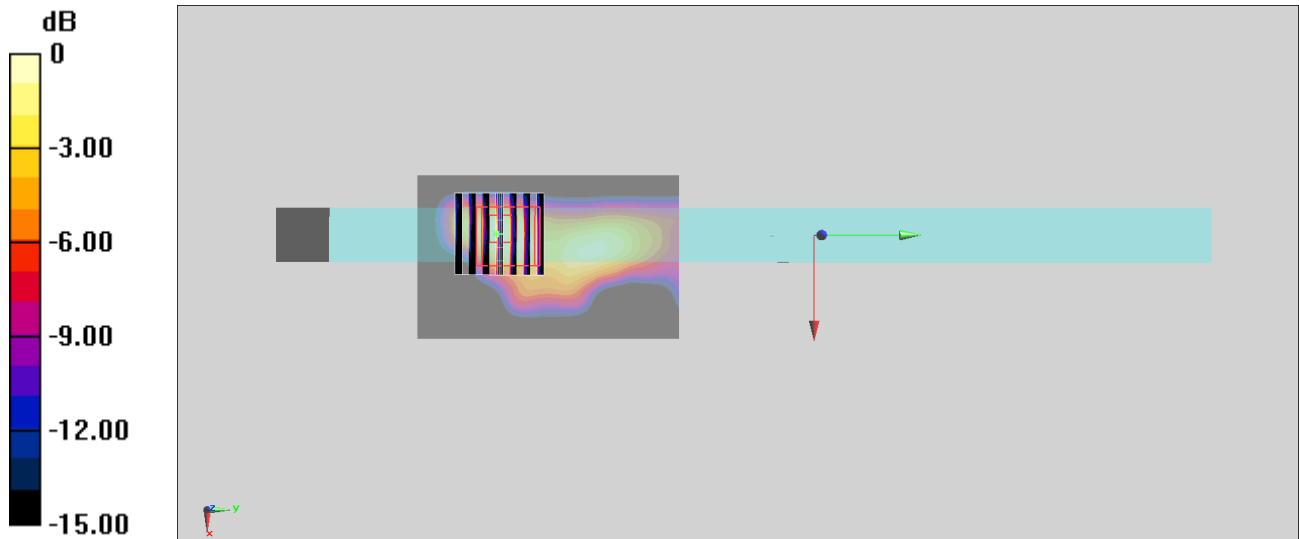
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.539 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0810 W/kg

**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0538 W/kg



0 dB = 0.0425 W/kg = -13.72 dBW/kg