

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

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.005

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

Maximum value of SAR (interpolated) = 1.70 W/kg

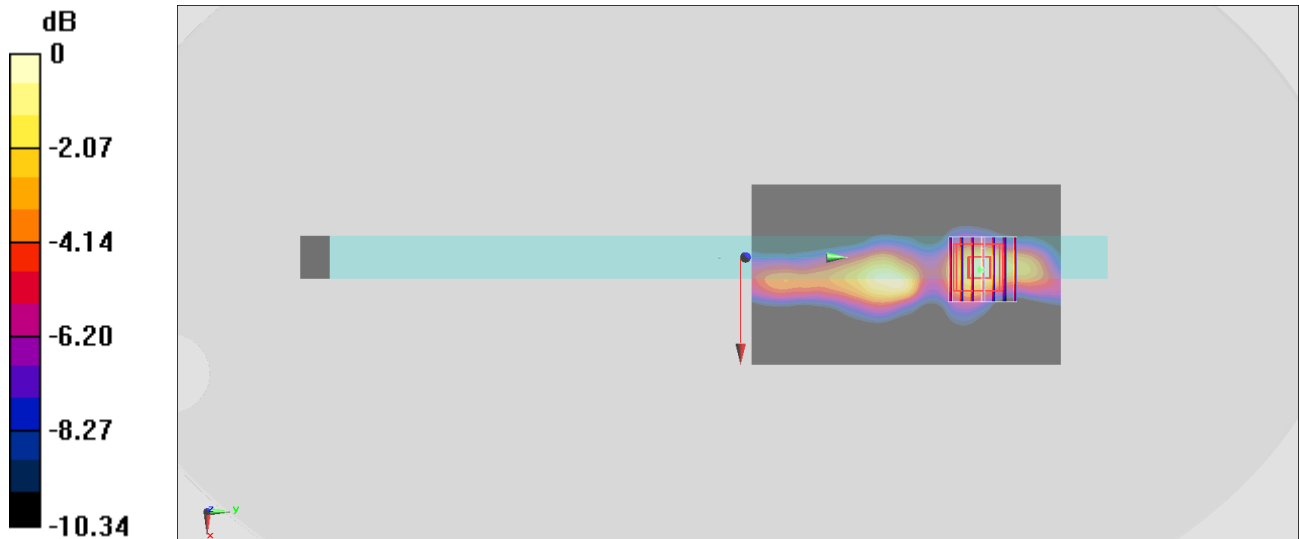
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.36 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.32 W/kg

**SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.426 W/kg**

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.70 W/kg = 2.30 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch58;Ant 1**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.015

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

Maximum value of SAR (interpolated) = 3.13 W/kg

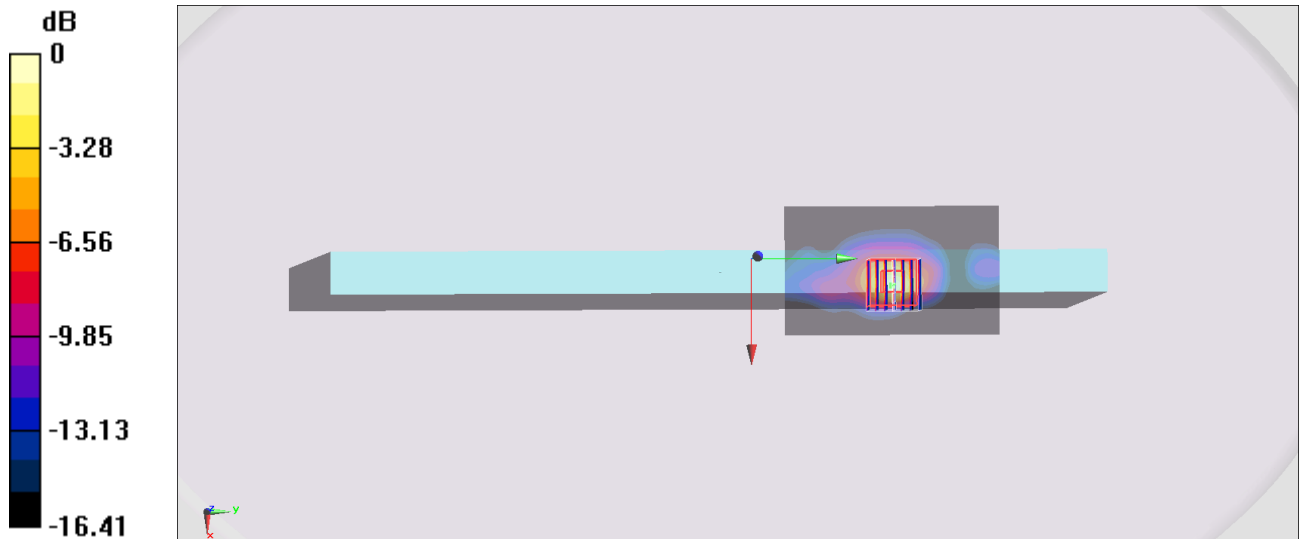
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.75 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.33 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.312 W/kg**

Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.13 W/kg = 4.96 dBW/kg

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

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.018

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

Maximum value of SAR (interpolated) = 2.54 W/kg

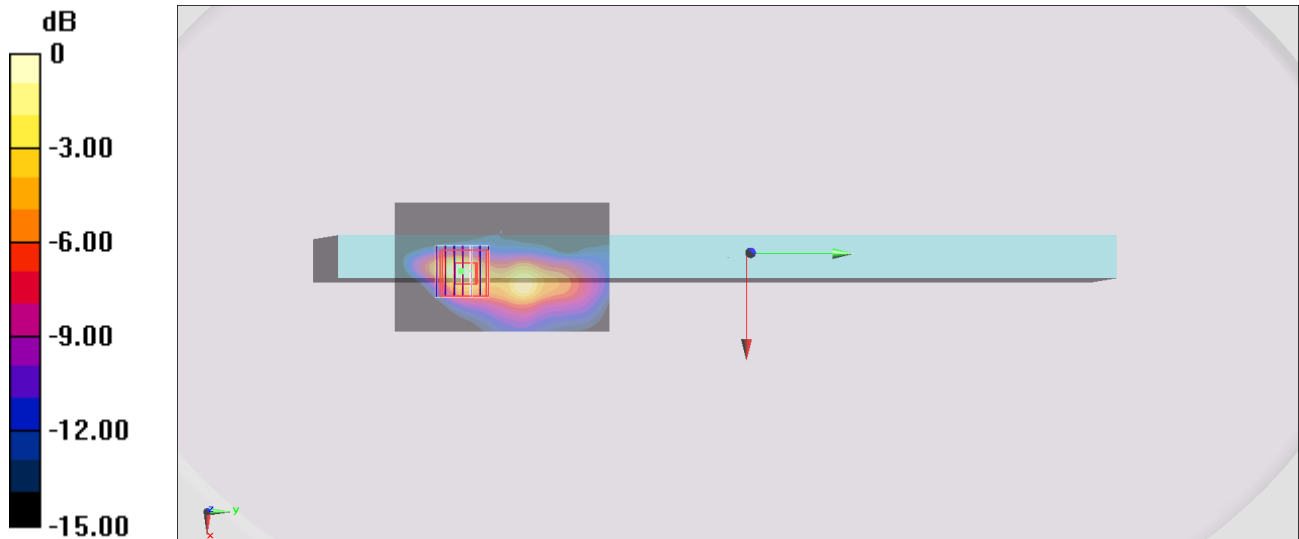
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 15.21 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.24 W/kg

**SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.287 W/kg**

Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 2.54 W/kg = 4.05 dBW/kg

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

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_191117 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.197$  S/m;  $\epsilon_r = 36.312$ ;  $\rho = 1000$  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) @ 5775 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) = 3.38 W/kg

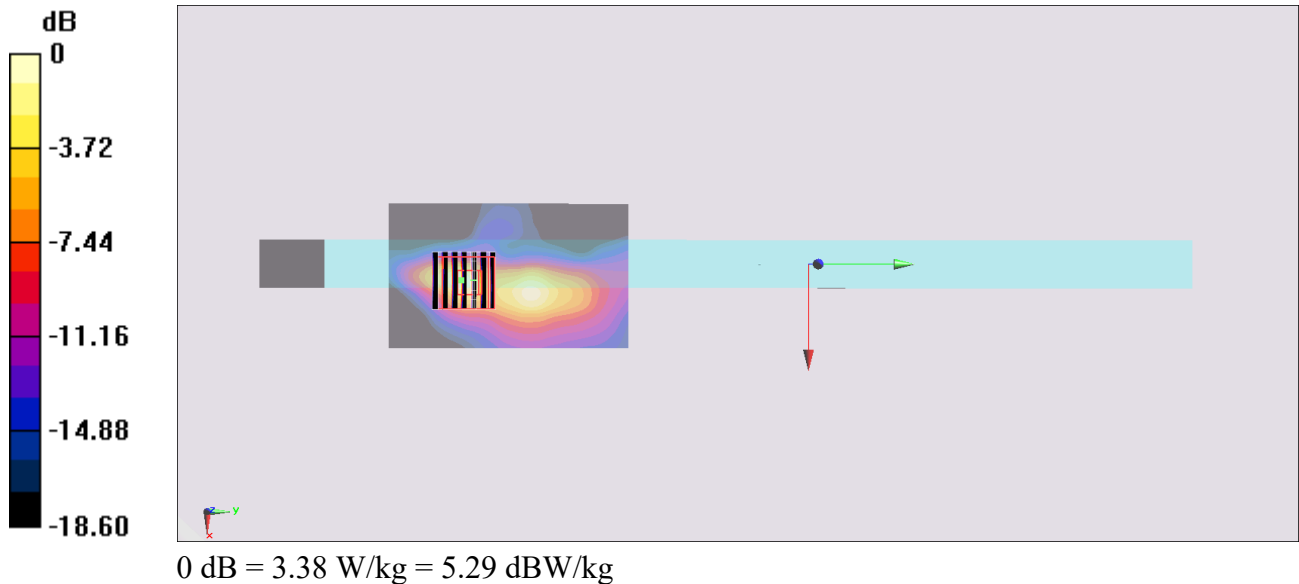
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.17 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 7.12 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 3.44 W/kg



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

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

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

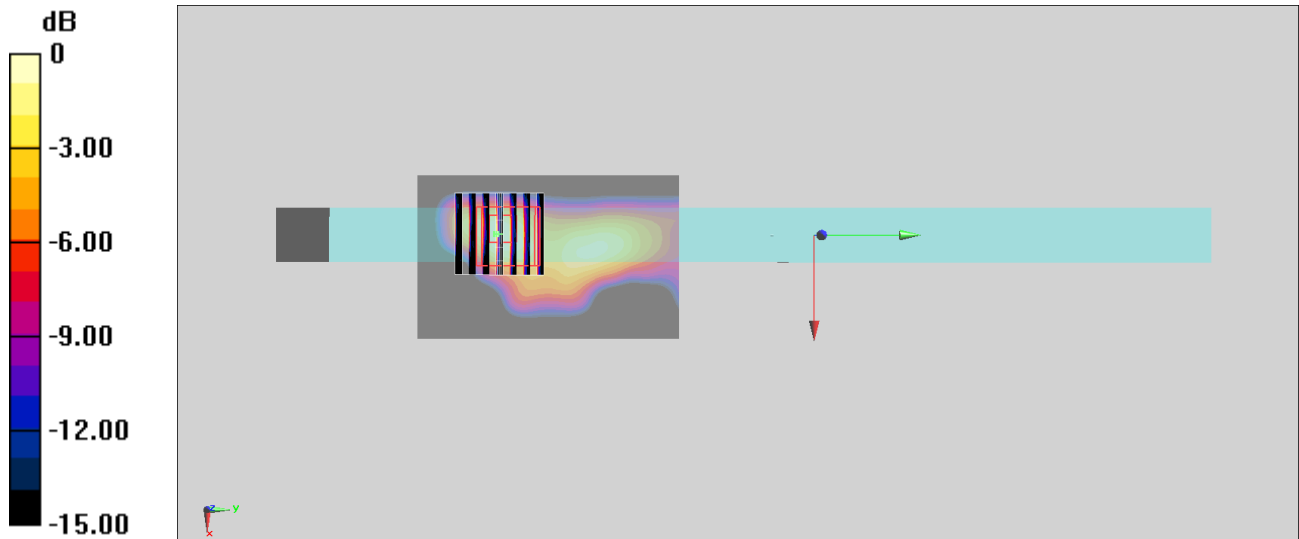
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

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