

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 3\_0mm\_Ch6;Ant 2**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.004

Medium: HSL\_2450\_191124 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.801$  S/m;  $\epsilon_r = 40.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn778; 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 (61x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.82 W/kg

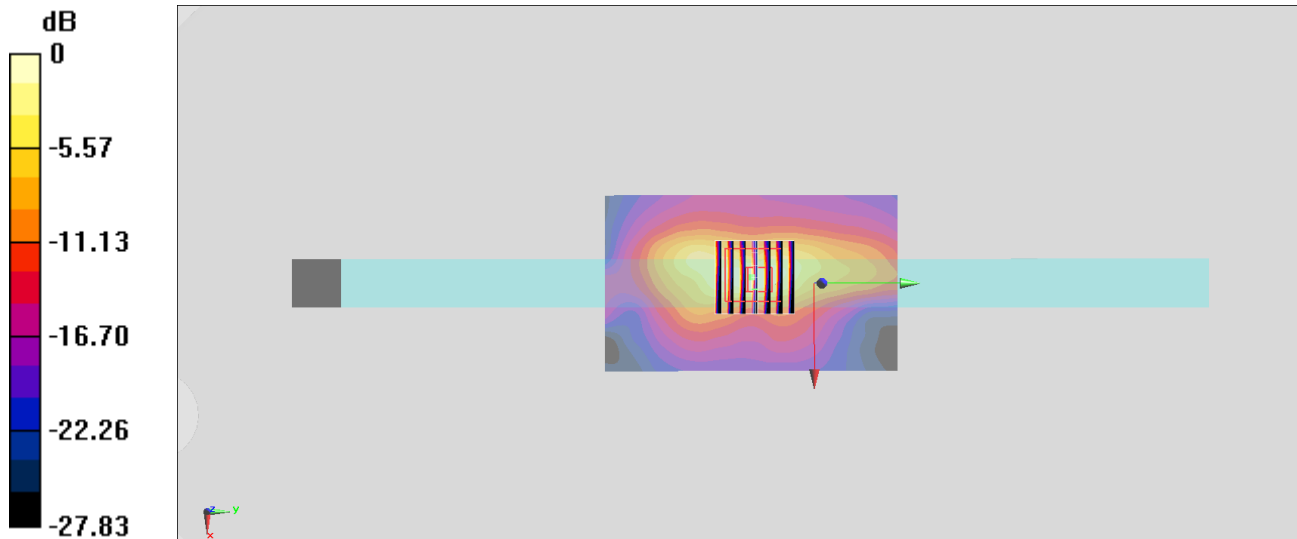
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.22 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.96 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.459 W/kg**

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.82 W/kg = 2.60 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\_191124 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.72$  S/m;  $\epsilon_r = 36.893$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn778; 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 (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

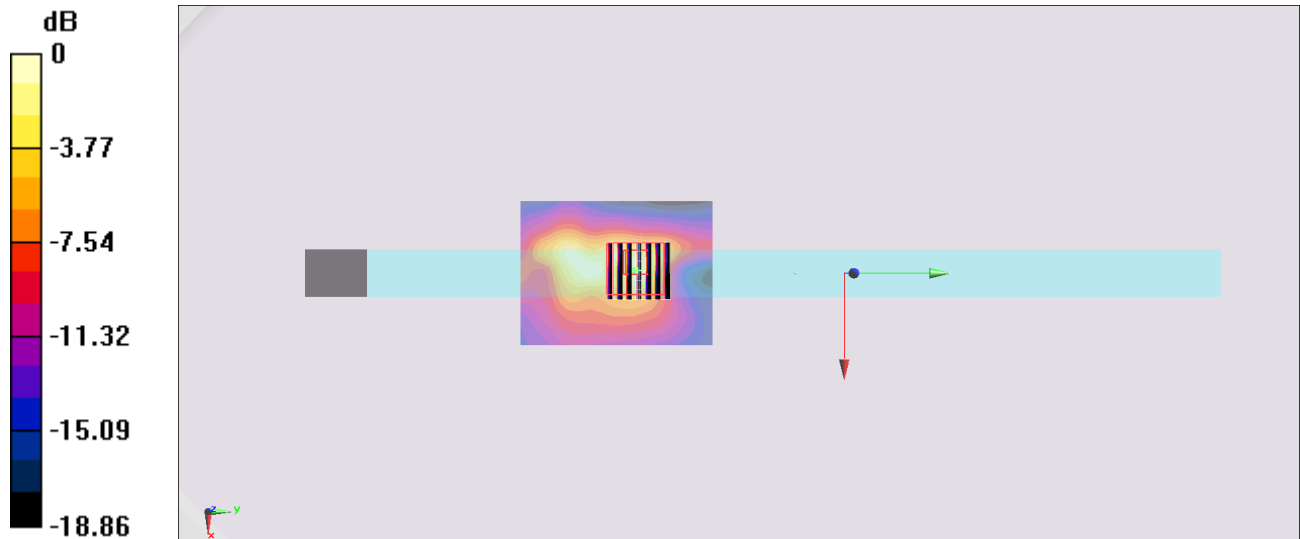
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.05 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg



**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch106;Ant 1**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.015

Medium: HSL\_5G\_191124 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 4.956$  S/m;  $\epsilon_r = 36.575$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn778; 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 (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

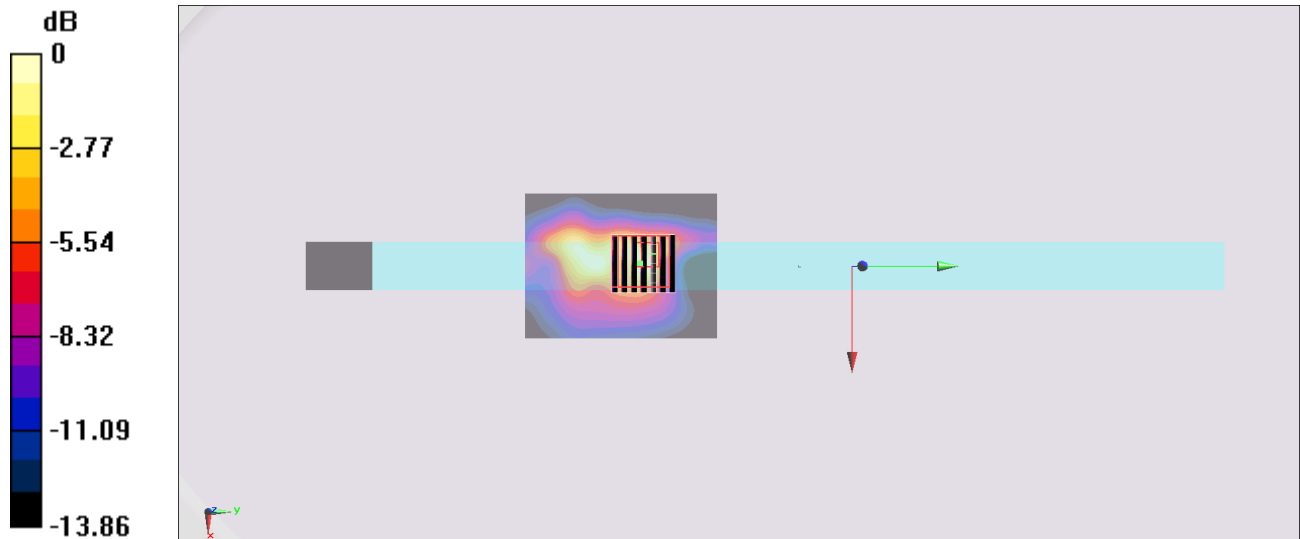
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.77 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.62 W/kg

**SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.217 W/kg**

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



0 dB = 1.33 W/kg = 1.24 dBW/kg

**#04\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 3\_0mm\_Ch159;Ant 2**

Communication System: 802.11n ; Frequency: 5795 MHz;Duty Cycle: 1:1.01

Medium: HSL\_5G\_191124 Medium parameters used :  $f = 5795$  MHz;  $\sigma = 5.233$  S/m;  $\epsilon_r = 36.239$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn778; 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 (71x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.81 W/kg

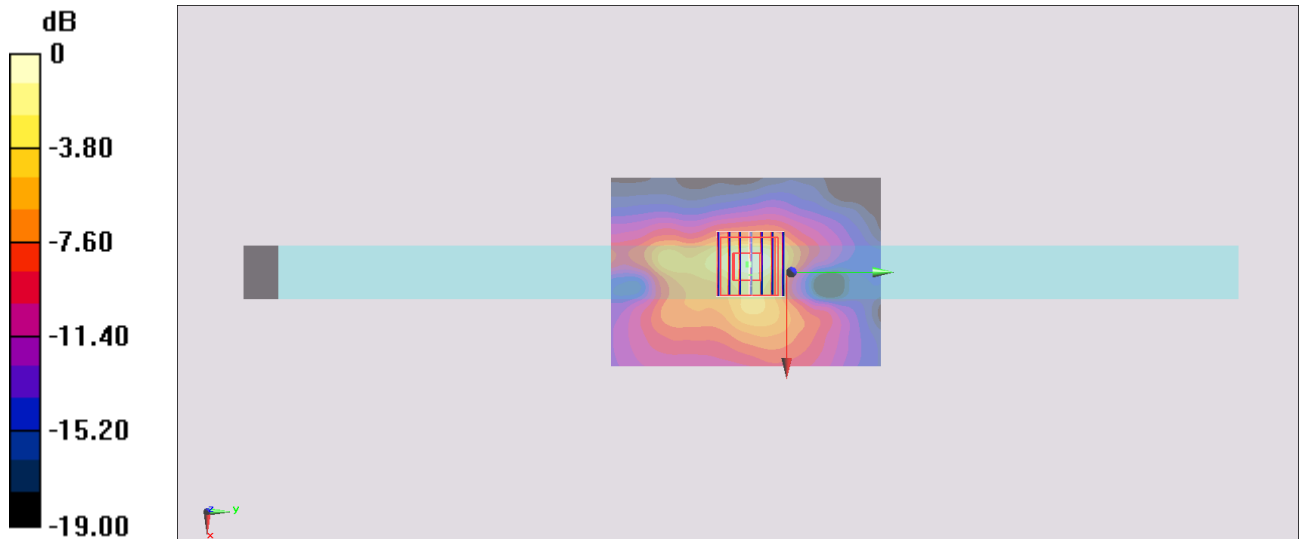
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.95 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.36 W/kg

**SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.249 W/kg**

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



0 dB = 1.81 W/kg = 2.58 dBW/kg

## #05\_Bluetooth\_1Mbps\_Edge 3\_0mm\_Ch78\_Ant 1

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

Medium: HSL\_2450\_191124 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 40.047$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn778; 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 (61x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.245 W/kg

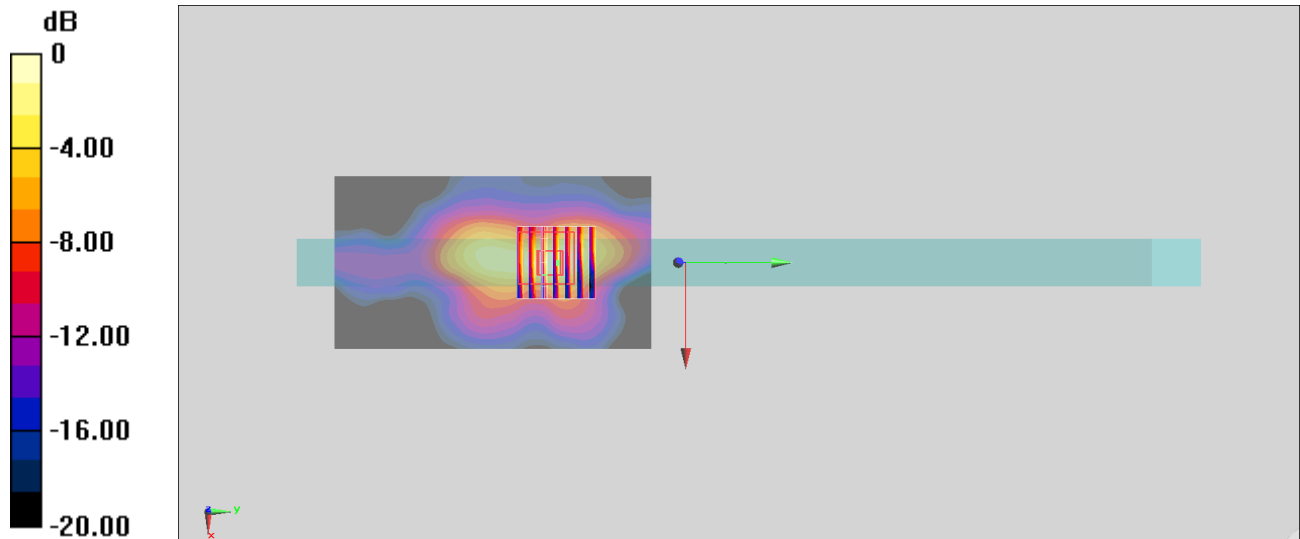
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.82 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.390 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.063 W/kg**

Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.245 W/kg = -6.11 dBW/kg