

## #01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0mm\_Ch6;Ant 1

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.014

Medium: MSL\_2450\_180208 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 2.007$  S/m;  $\epsilon_r = 53.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.43, 7.43, 7.43); Calibrated: 2017/5/5;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2017/8/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (51x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

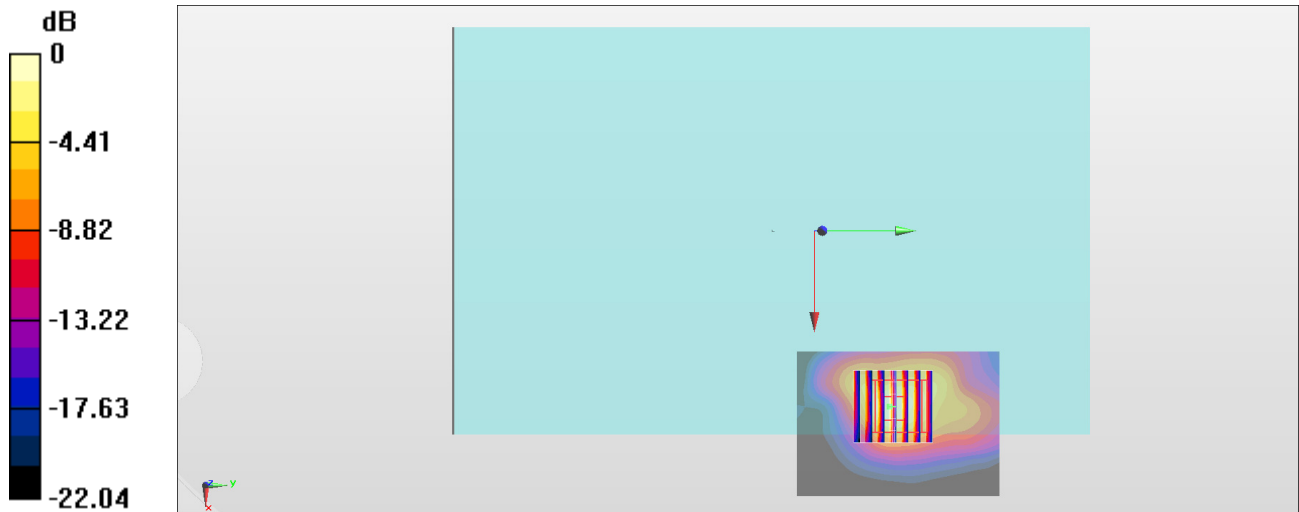
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.80 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.306 W/kg**

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

**#02\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0mm\_Ch52;Ant 2**

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1.031

Medium: MSL\_5G\_180208 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.518$  S/m;  $\epsilon_r = 47.58$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3578; ConvF(4.98, 4.98, 4.98); Calibrated: 2017/5/5;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2017/8/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

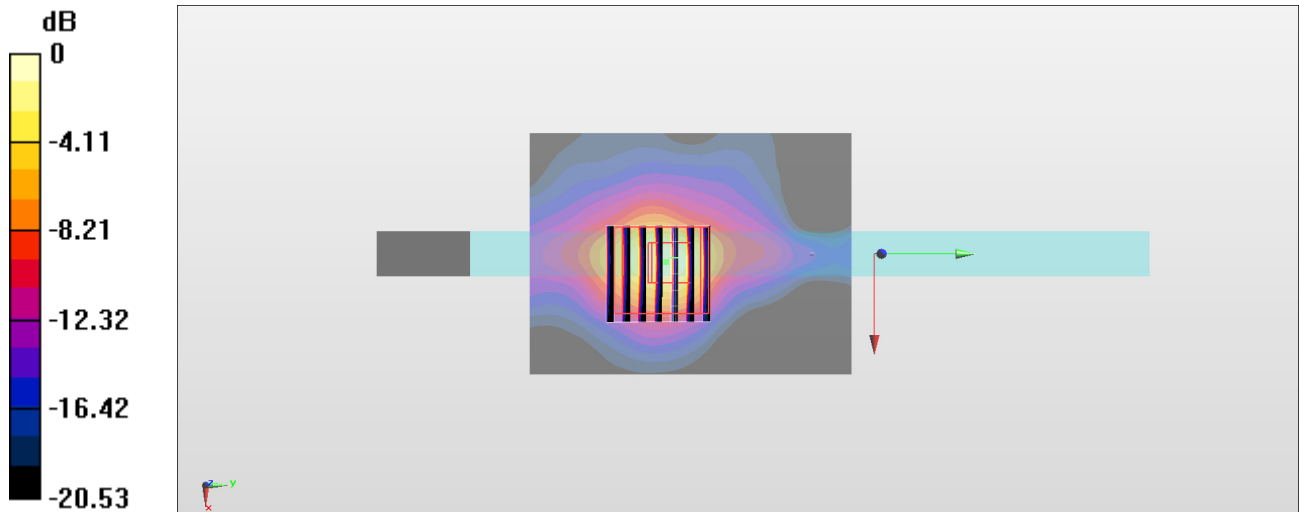
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.18 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.79 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.293 W/kg**

Maximum value of SAR (measured) = 2.53 W/kg



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

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.074

Medium: MSL\_5G\_180208 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 6.009$  S/m;  $\epsilon_r = 46.986$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3578; ConvF(4.3, 4.3, 4.3); Calibrated: 2017/5/5;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2017/8/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

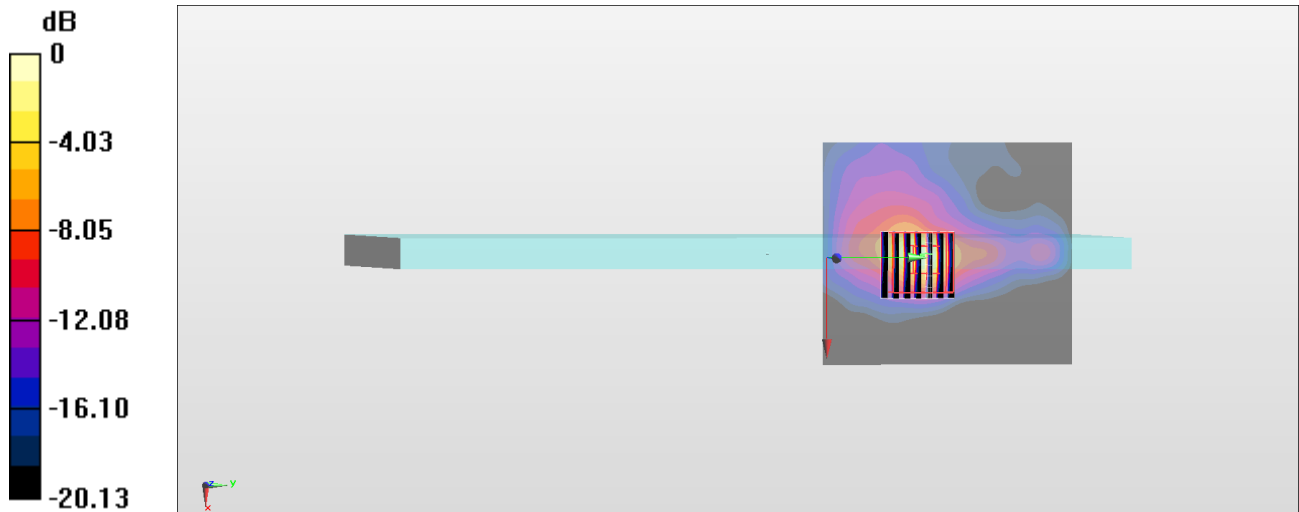
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.239 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.31 W/kg

**SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

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

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.074

Medium: MSL\_5G\_180208 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 6.238$  S/m;  $\epsilon_r = 46.711$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(4.48, 4.48, 4.48); Calibrated: 2017/5/5;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2017/8/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

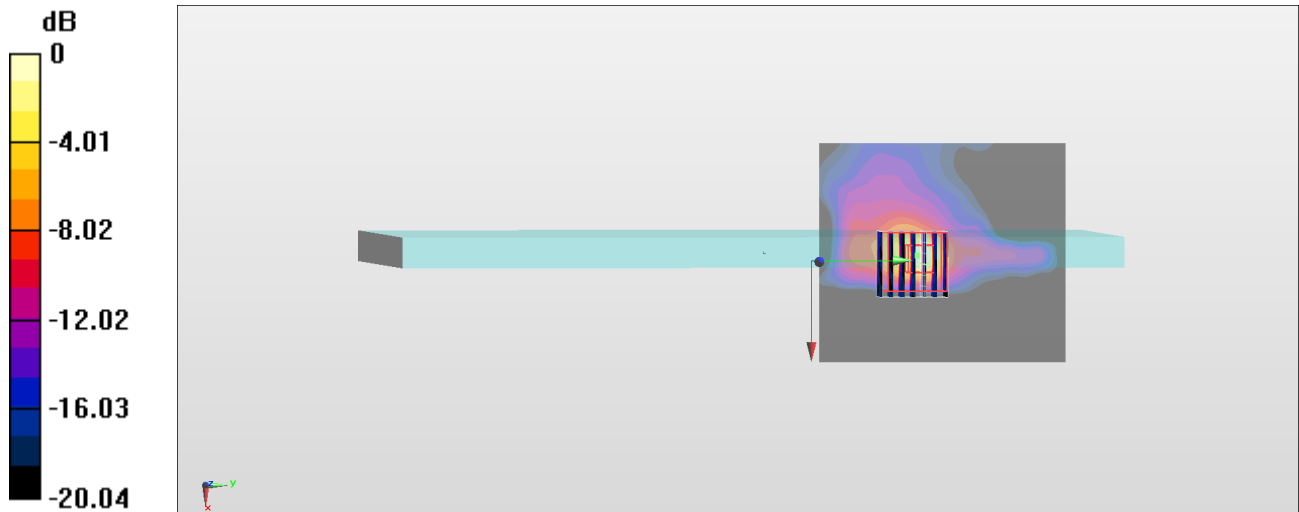
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.599 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.76 W/kg

**SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.128 W/kg**

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



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