

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

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1.015

Medium: MSL\_2450\_180712 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.003$  S/m;  $\epsilon_r = 51.46$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.84, 6.84, 6.84); Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.43 W/kg

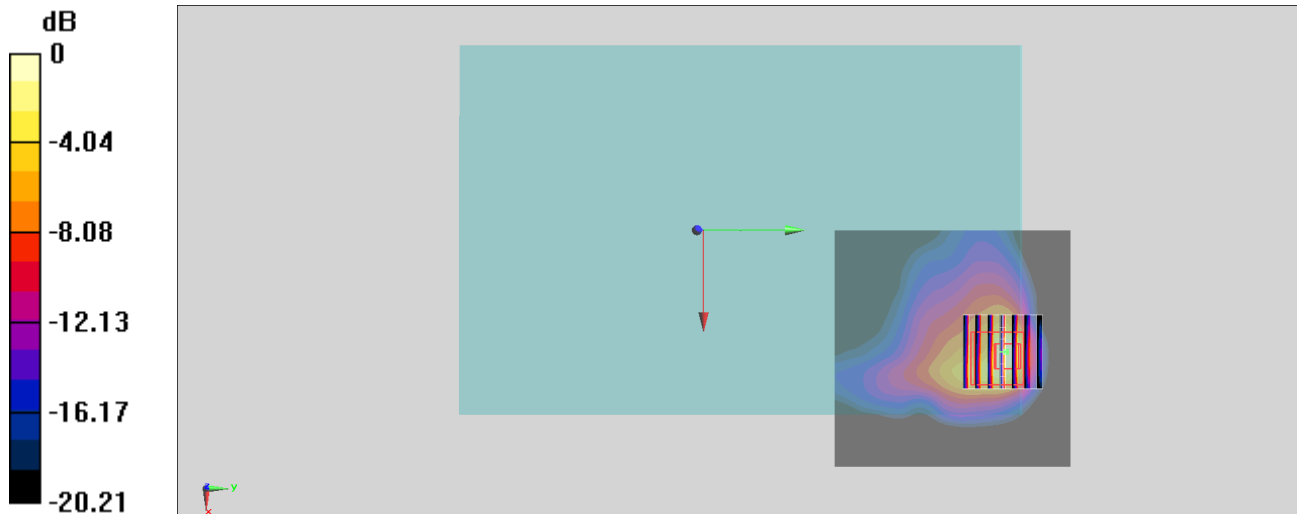
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.24 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.98 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.398 W/kg**

Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg

## #02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 2\_0mm\_Ch58;Ant 1

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.058

Medium: MSL\_5G\_180713 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.313$  S/m;  $\epsilon_r = 47.804$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.23, 4.23, 4.23); Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.897 W/kg

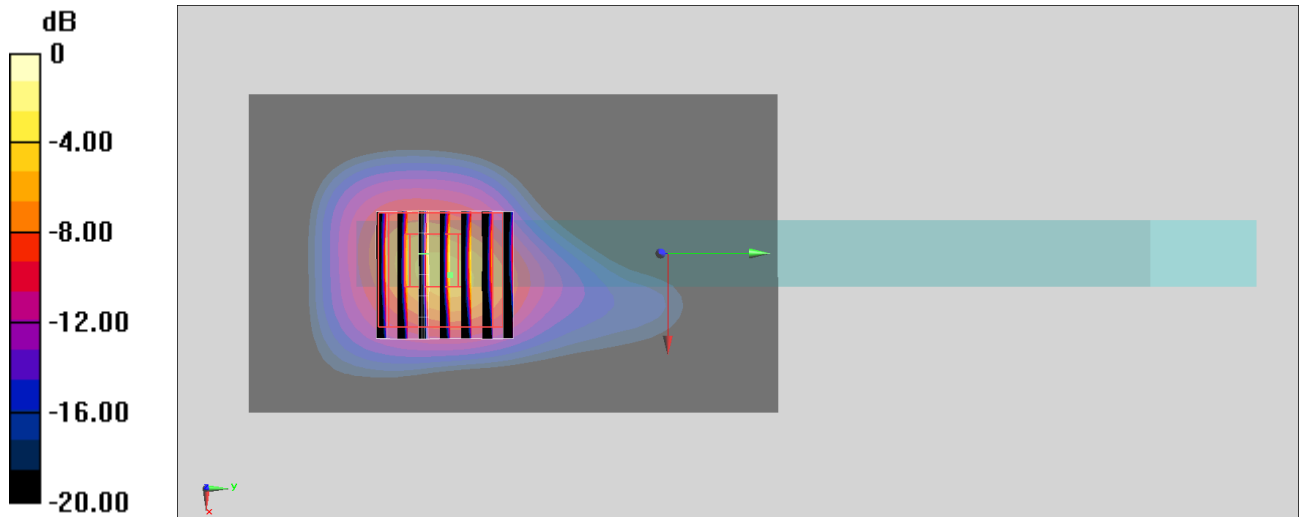
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.86 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.17 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.278 W/kg**

Maximum value of SAR (measured) = 2.56 W/kg



0 dB = 2.56 W/kg = 4.08 dBW/kg

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

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.065

Medium: MSL\_5G\_180713 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.615$  S/m;  $\epsilon_r = 47.429$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.99, 3.99, 3.99); Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**Area Scan (101x101x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 1.57 W/kg

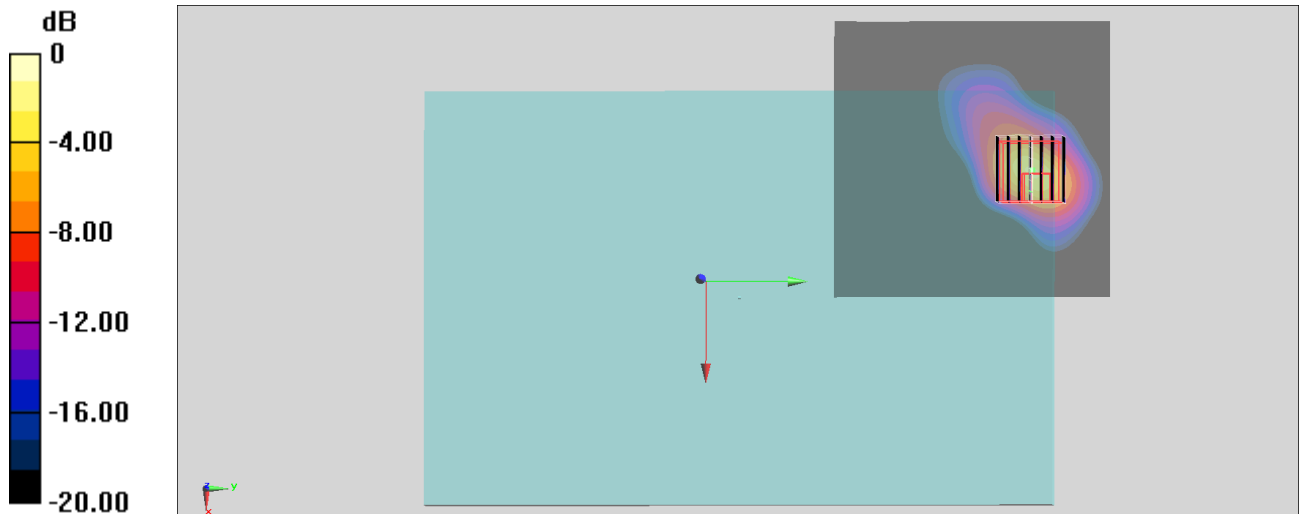
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 9.681 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.47 W/kg

**SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.220 W/kg**

Maximum value of SAR (measured) = 2.75 W/kg



0 dB = 2.75 W/kg = 4.39 dBW/kg

## #04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom Face\_0mm\_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.065

Medium: MSL\_5G\_180713 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.945$  S/m;  $\epsilon_r = 47.051$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.94, 3.94, 3.94); Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

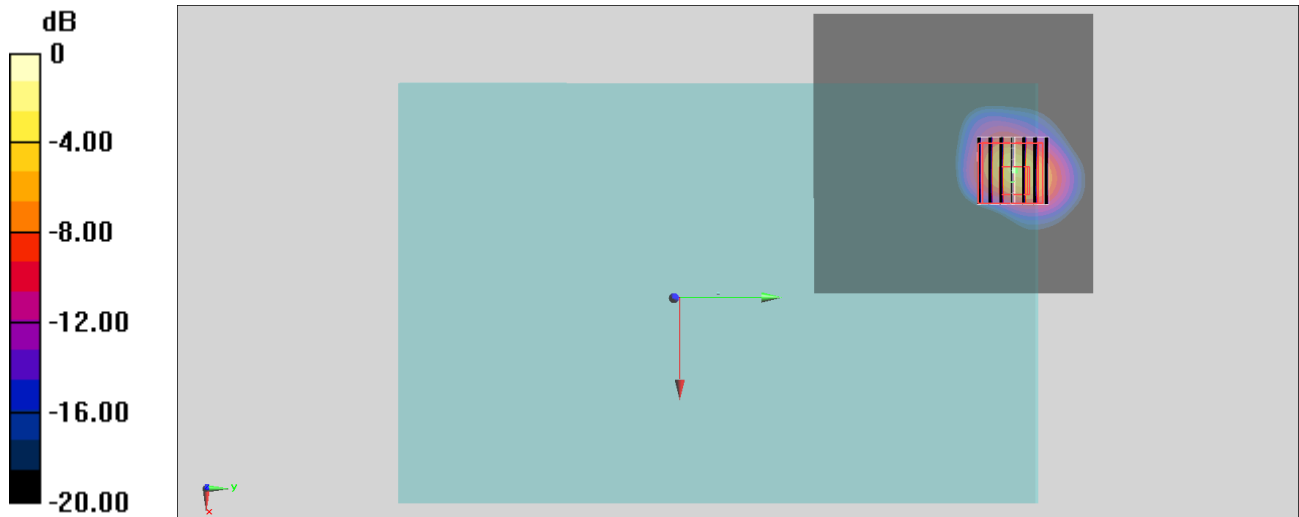
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.979 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.39 W/kg

**SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg

**#05\_Bluetooth\_1Mbps\_Bottom Face\_0mm\_Ch39;Ant 1**

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.305

Medium: MSL\_2450\_180718 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.969$  S/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.8, 7.8, 7.8); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7437)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.928 W/kg

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

Reference Value = 12.95 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.164 W/kg**

Maximum value of SAR (measured) = 0.878 W/kg

