

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Right Side\_0mm\_Ch11;Ant 1;Holster**

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

Medium: MSL\_2450\_180818 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.017$  S/m;  $\epsilon_r = 52.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.534 W/kg

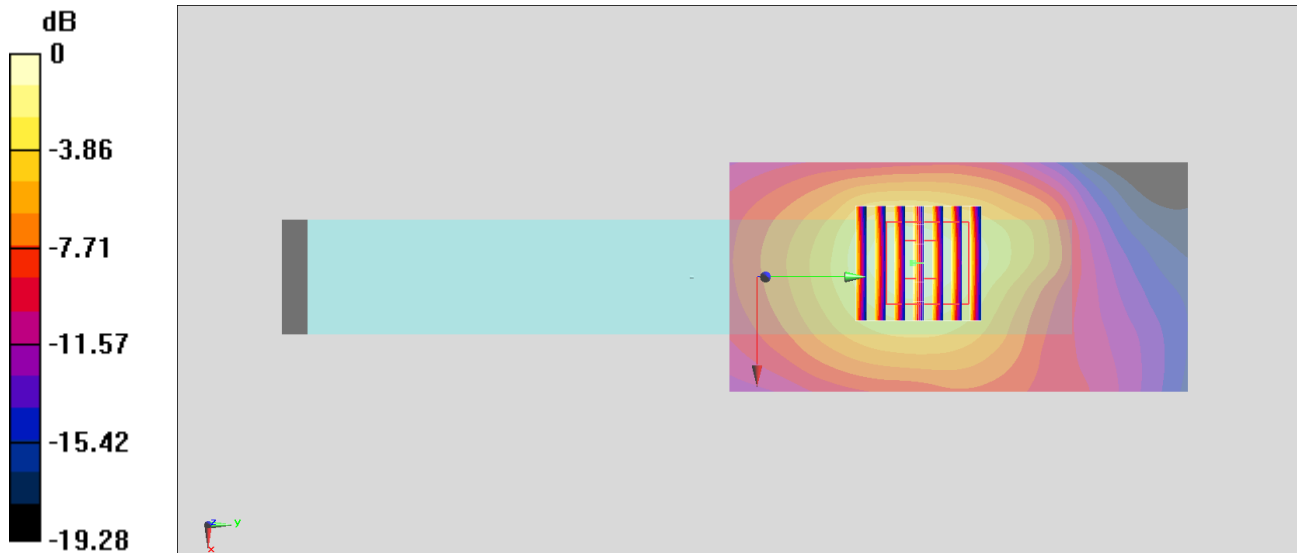
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.13 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.659 W/kg

**SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.195 W/kg**

Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.540 W/kg = -2.68 dBW/kg

## #02\_WLAN5GHz\_802.11a 6Mbps\_Right Side\_0mm\_Ch40;Ant 1;Holster

Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1.041

Medium: MSL\_5G\_180816 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.18$  S/m;  $\epsilon_r = 51.028$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 2.48 W/kg

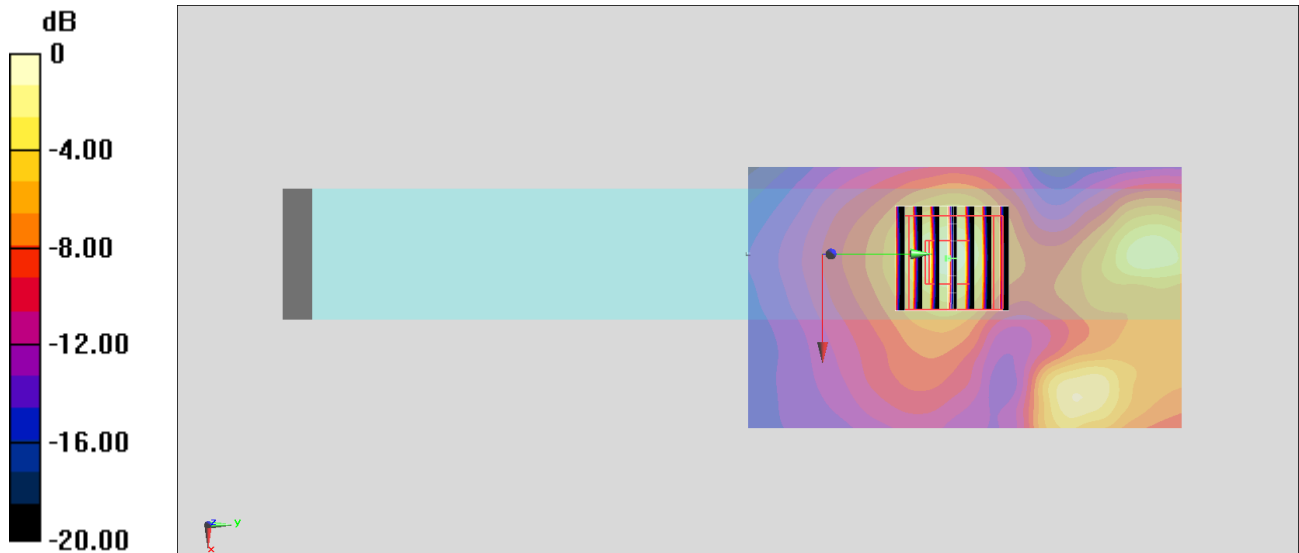
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.73 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.30 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Side\_0mm\_Ch138;Ant 1;Holster**

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.174

Medium: MSL\_5G\_180816 Medium parameters used :  $f = 5690$  MHz;  $\sigma = 5.857$  S/m;  $\epsilon_r = 50.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.989 W/kg

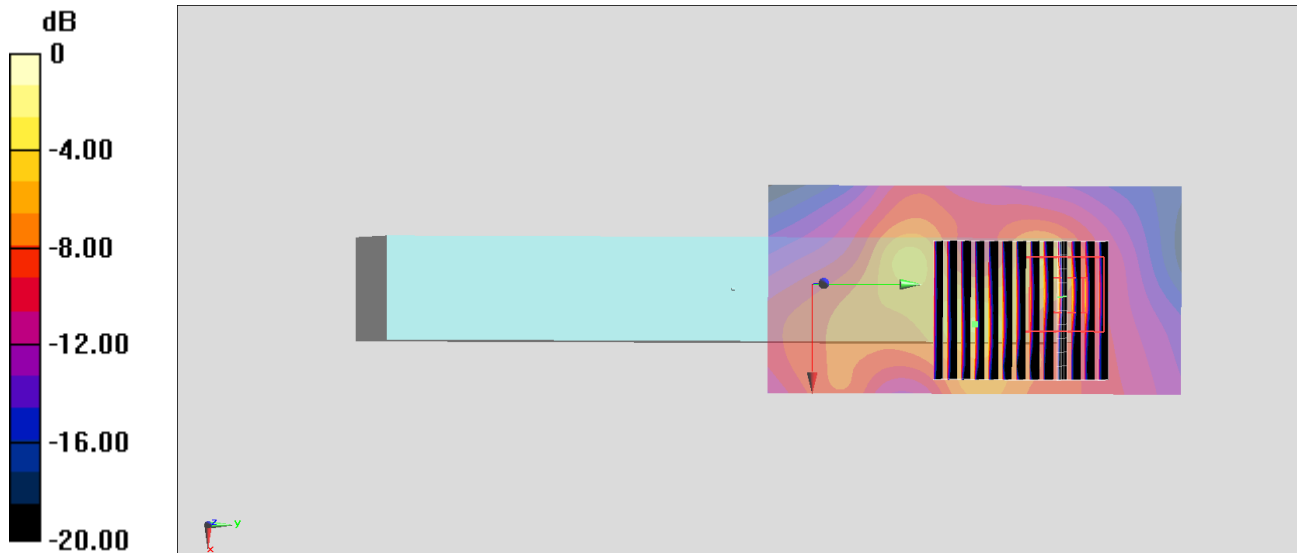
**Zoom Scan (11x13x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.14 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.30 W/kg

**SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.262 W/kg**

Maximum value of SAR (measured) = 2.40 W/kg



0 dB = 2.40 W/kg = 3.80 dBW/kg

**#04\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Side\_0mm\_Ch151;Ant 2;Holster**

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.091

Medium: MSL\_5G\_180816 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.95$  S/m;  $\epsilon_r = 50.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (51x51x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.83 W/kg

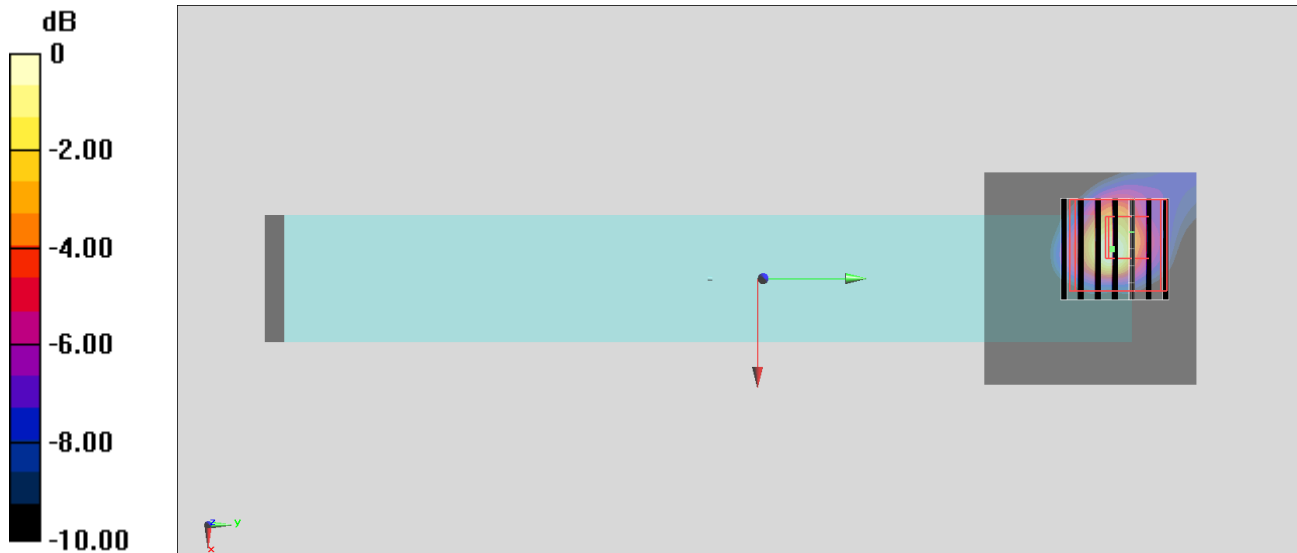
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.81 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.15 W/kg

**SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.229 W/kg**

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



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

**#05\_Bluetooth\_1Mbps\_Right Side\_0mm\_Ch78;Ant 1;Holster**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: MSL\_2450\_180825 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.047$  S/m;  $\epsilon_r = 51.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(7.69, 7.69, 7.69); Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.0139 W/kg

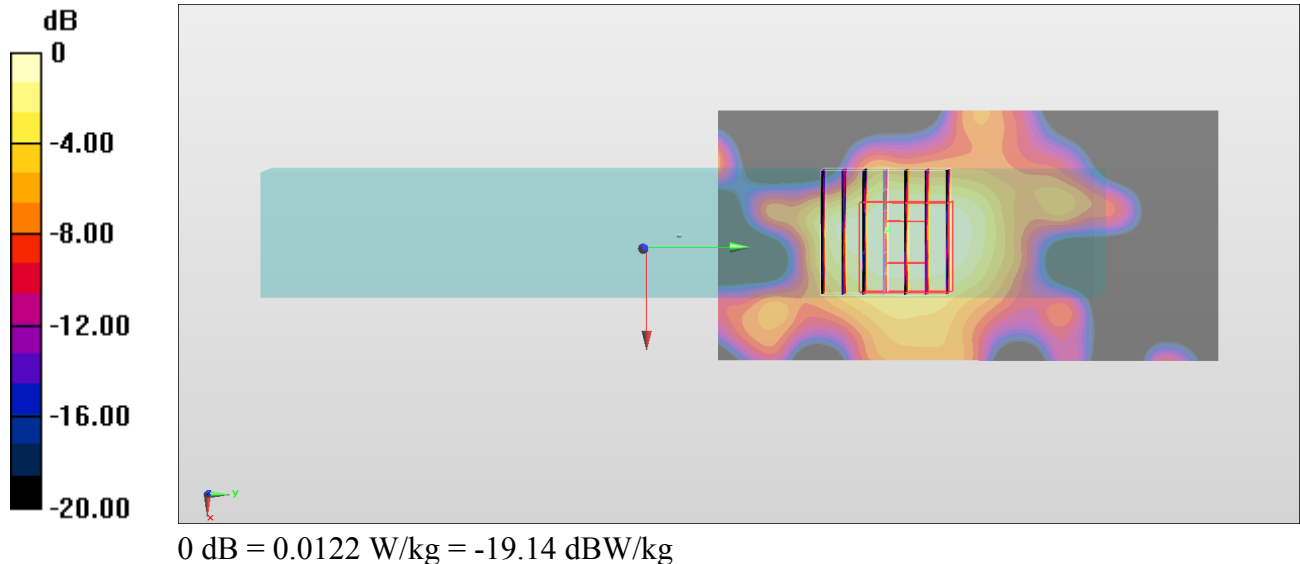
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.321 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0310 W/kg

**SAR(1 g) = 0.00799 W/kg; SAR(10 g) = 0.0034 W/kg**

Maximum value of SAR (measured) = 0.0122 W/kg



**#06\_UHF RFID\_ASK\_Front\_35mm\_927.25MHz**

Communication System: RFID; Frequency: 927.25 MHz; Duty Cycle: 1:1

Medium: MSL\_900\_180727 Medium parameters used :  $f = 927.25$  MHz;  $\sigma = 1.082$  S/m;  $\epsilon_r = 56.019$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.05, 10.05, 10.05); Calibrated: 2018/5/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.06 W/kg

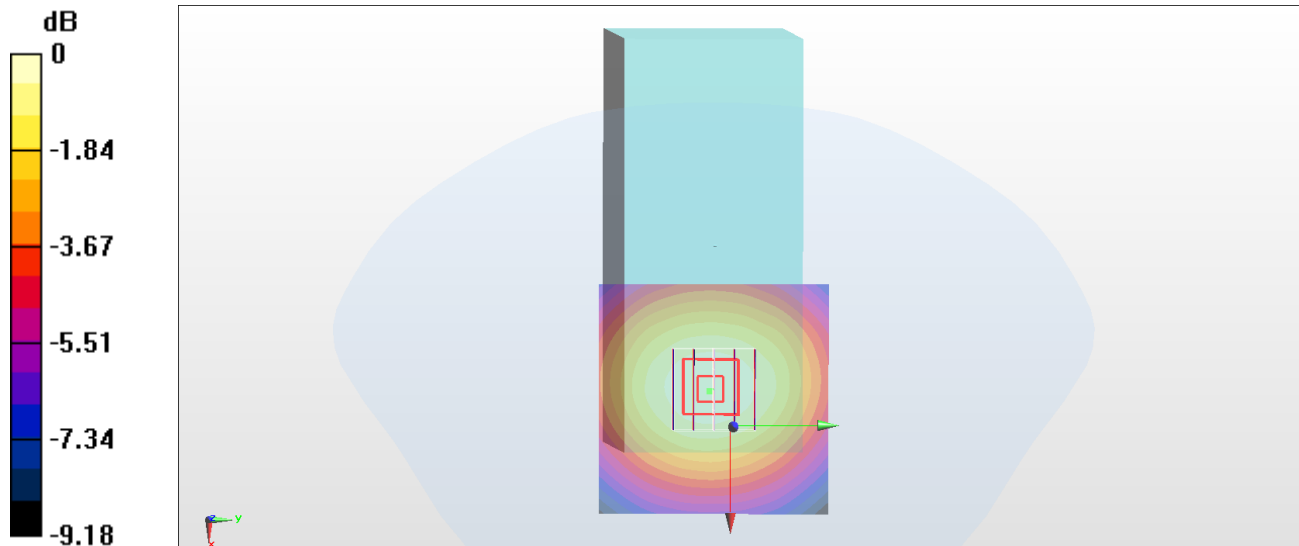
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.34 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.30 W/kg

**SAR(1 g) = 1.63 W/kg; SAR(10 g) = 1.18 W/kg**

Maximum value of SAR (measured) = 2.06 W/kg



0 dB = 2.06 W/kg = 3.14 dBW/kg