

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch13;Ant 1+2**

Communication System: 802.11b; Frequency: 2472 MHz; Duty Cycle: 1:1.001

Medium: HSL\_2450\_220127 Medium parameters used:  $f = 2472$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 40.385$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2472 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x221x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

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

Reference Value = 0.7280 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.330 W/kg**

Maximum value of SAR (measured) = 1.20 W/kg

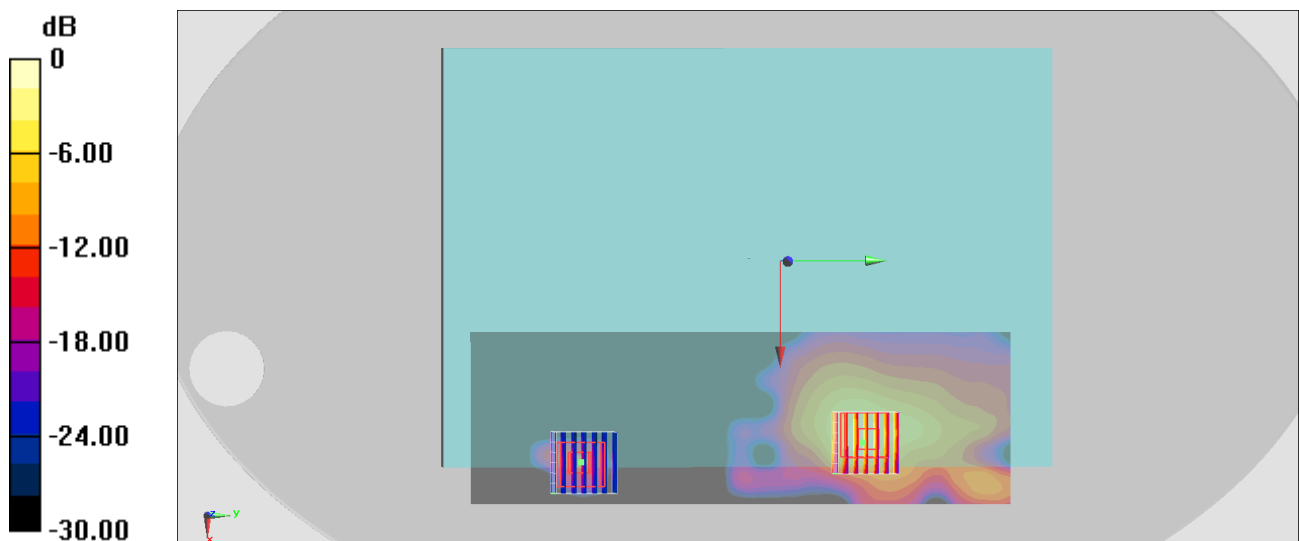
**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7280 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0540 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Bottom of Laptop\_0mm\_Ch62;Ant 1+2**

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.003

Medium: HSL\_5G\_220128 Medium parameters used:  $f = 5310 \text{ MHz}$ ;  $\sigma = 4.714 \text{ S/m}$ ;  $\epsilon_r = 36.305$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.23, 5.23, 5.23) @ 5310 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x261x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.503 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.816 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.076 W/kg**

Maximum value of SAR (measured) = 0.527 W/kg

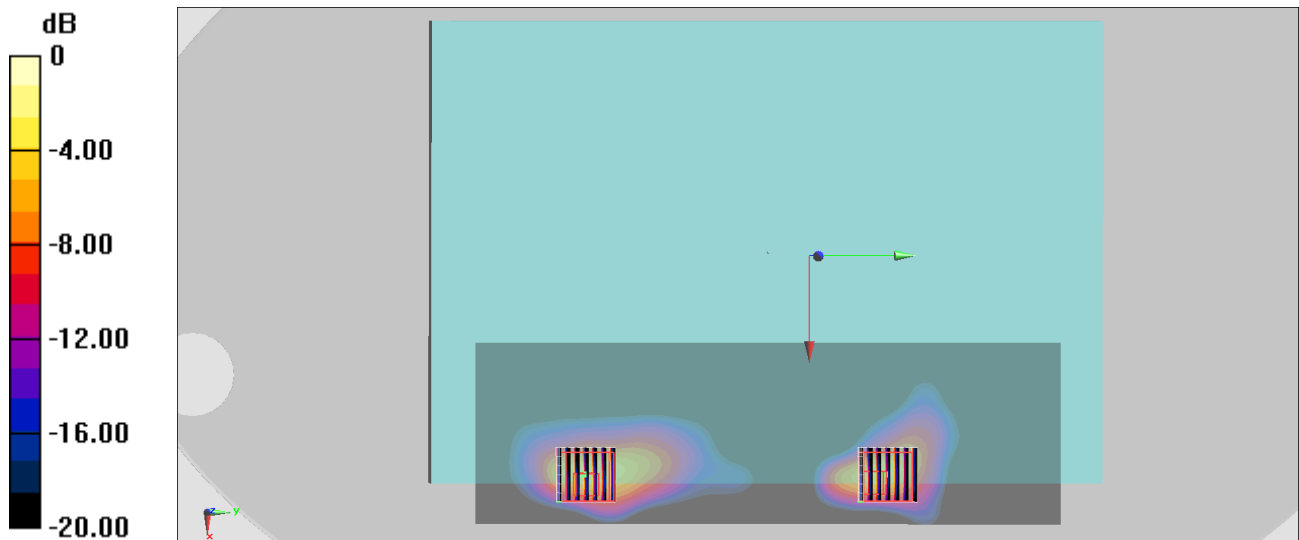
**Zoom Scan 2(7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.212 W/kg**

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



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

### #03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch106;Ant 1+2

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.003

Medium: HSL\_5G\_220128 Medium parameters used :  $f = 5530$  MHz;  $\sigma = 4.929$  S/m;  $\epsilon_r = 35.995$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.59, 4.59, 4.59) @ 5530 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.760 W/kg

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

Reference Value = 1.11 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.14 W/kg

**SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.171 W/kg**

Maximum value of SAR (measured) = 1.25 W/kg

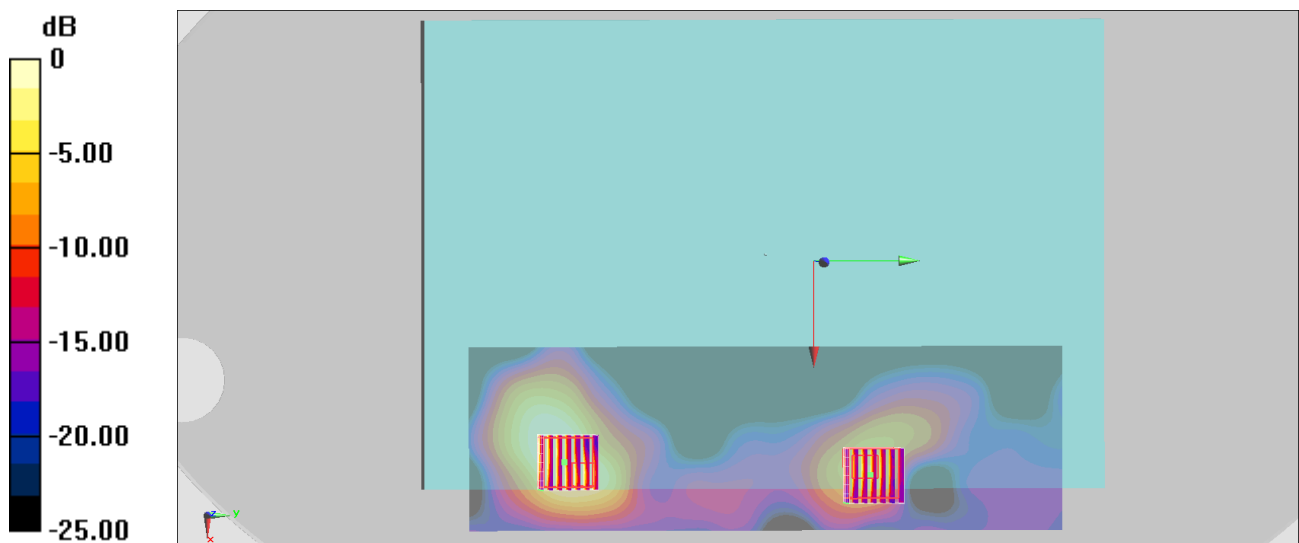
**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.11 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.575 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.355 W/kg



0 dB = 0.355 W/kg = -4.5 dBW/kg

**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch155;Ant 1+2**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.003

Medium: HSL\_5G\_220128 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.196$  S/m;  $\epsilon_r = 35.662$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.81, 4.81, 4.81) @ 5775 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.738 W/kg

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

Reference Value = 0.552 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.089 W/kg**

Maximum value of SAR (measured) = 0.786 W/kg

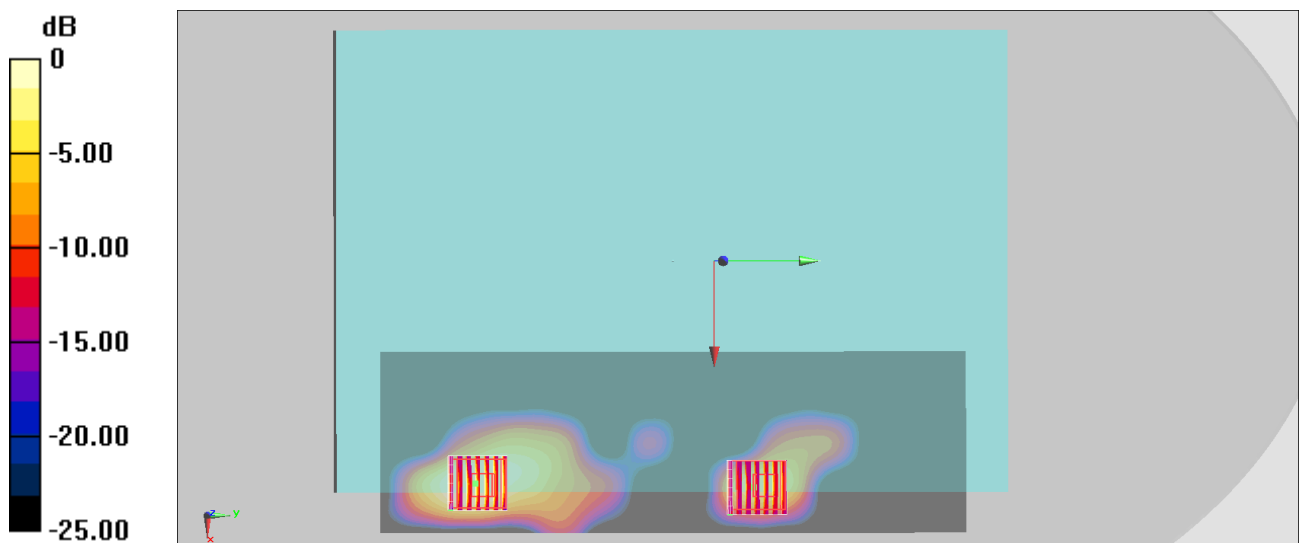
**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.551 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.558 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.046 W/kg**

Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.333 W/kg = -4.78 dBW/kg

#05\_WLAN6GHz\_802.11ac-VHT160 MCS0\_Bottom of Laptop\_0mm\_Ch111;Ant 1+2

Communication System: U-NII-6; Frequency: 6505.0

Medium: HSL6G\_220127. Medium parameters used:  $f=6505.0$  MHz;  $\sigma=6.03$  S/m;  $\epsilon_r=34.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.7, 5.7, 5.7); Calibrated: 2021-02-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn778; Calibrated: 2021-05-21
- Phantom: ELI V5.0 (20deg probe tilt); Serial: xxxx; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAC
- MAIA: Area Scan: Y; Zoom Scan: Y

**Area Scan (102.0 mm x 272.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.322 W/kg; SAR (10g) = 0.106 W/kg;

**Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

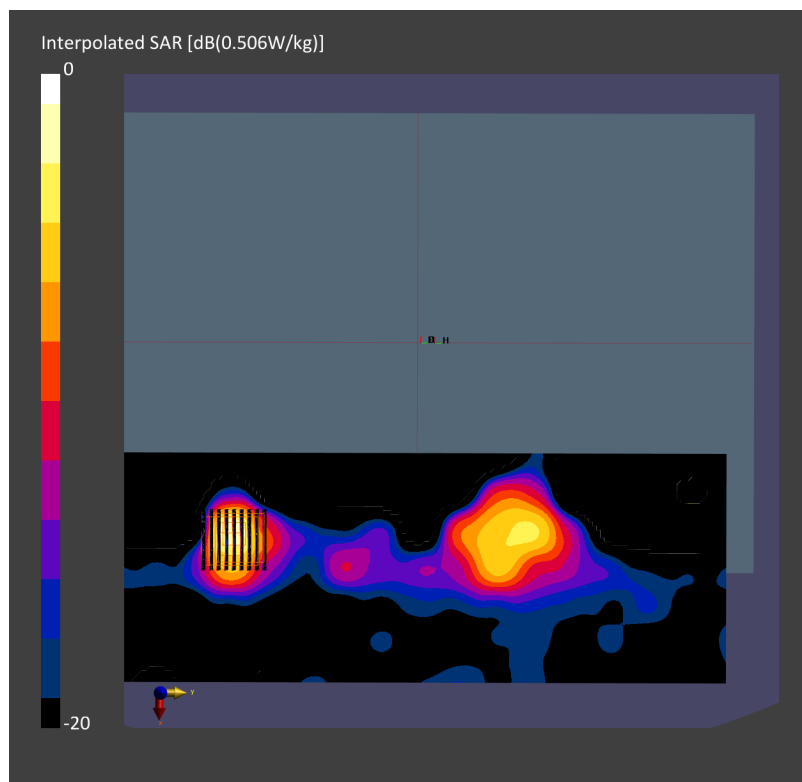
Power Drift = -0.11 dB

SAR (1g) = 0.506 W/kg; SAR (10g) = 0.162 W/kg;

**Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.11 dB

SAR (1g) = 0.193 W/kg; SAR (10g) = 0.073 W/kg;



## #06\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450\_220127 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 40.514$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2441 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

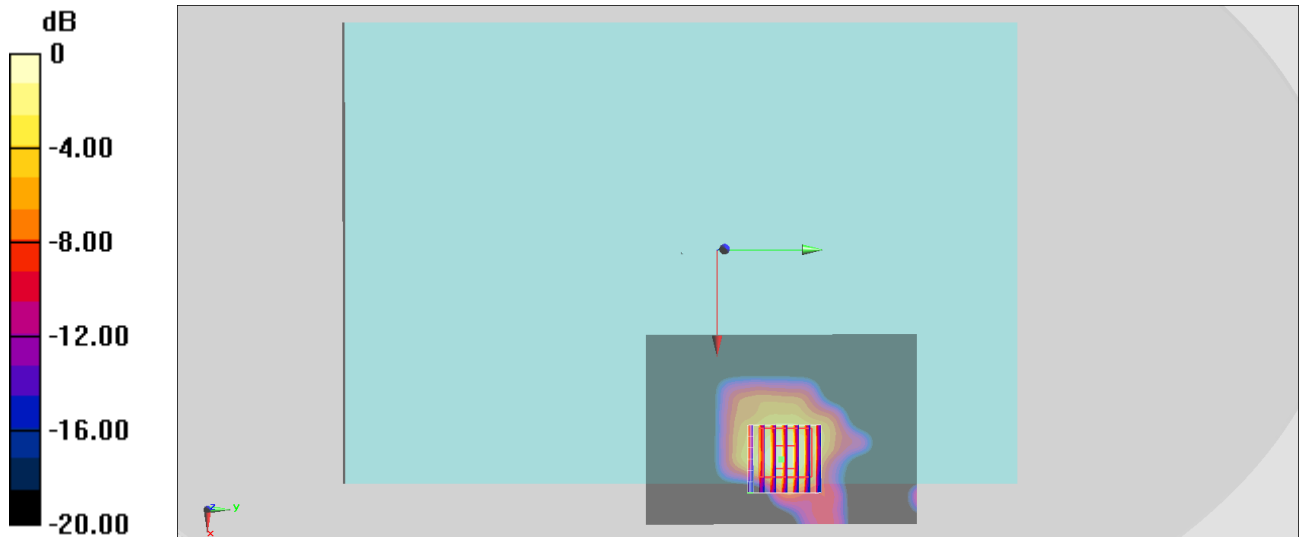
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.01 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.12 W/kg

**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.098 W/kg



0 dB = 0.098 W/kg = -10.08 dBW/kg