

**#1\_WCDMA II\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200906 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.338$  S/m;  $\epsilon_r = 40.544$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1) @ 1852.4 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

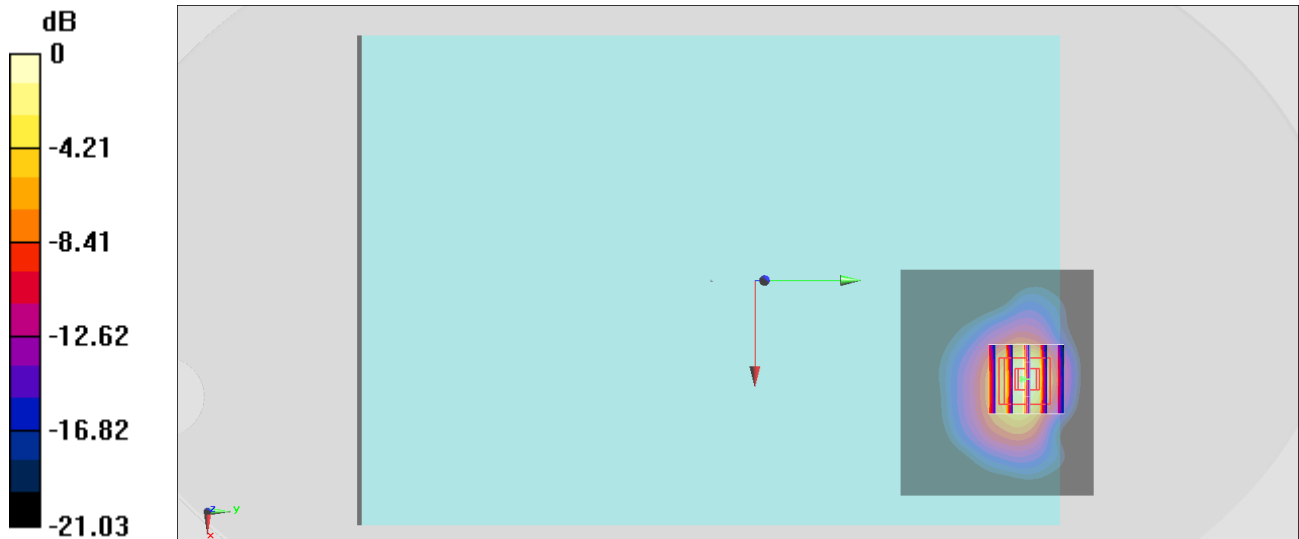
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.69 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.97 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.508 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

**#2\_WCDMA IV\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch1513**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200907 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 40.688$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.28, 5.28, 5.28) @ 1752.6 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

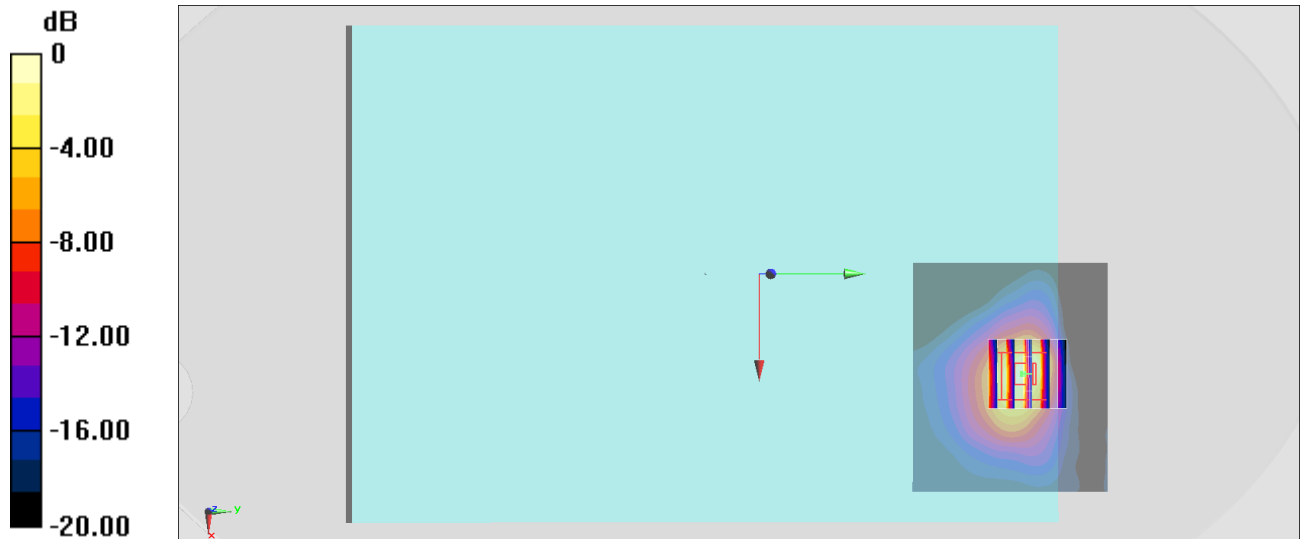
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.59 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.39 W/kg

**SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.425 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

**#3\_WCDMA V\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch4182**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200903 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.931$  S/m;  $\epsilon_r = 43.288$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31) @ 836.4 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

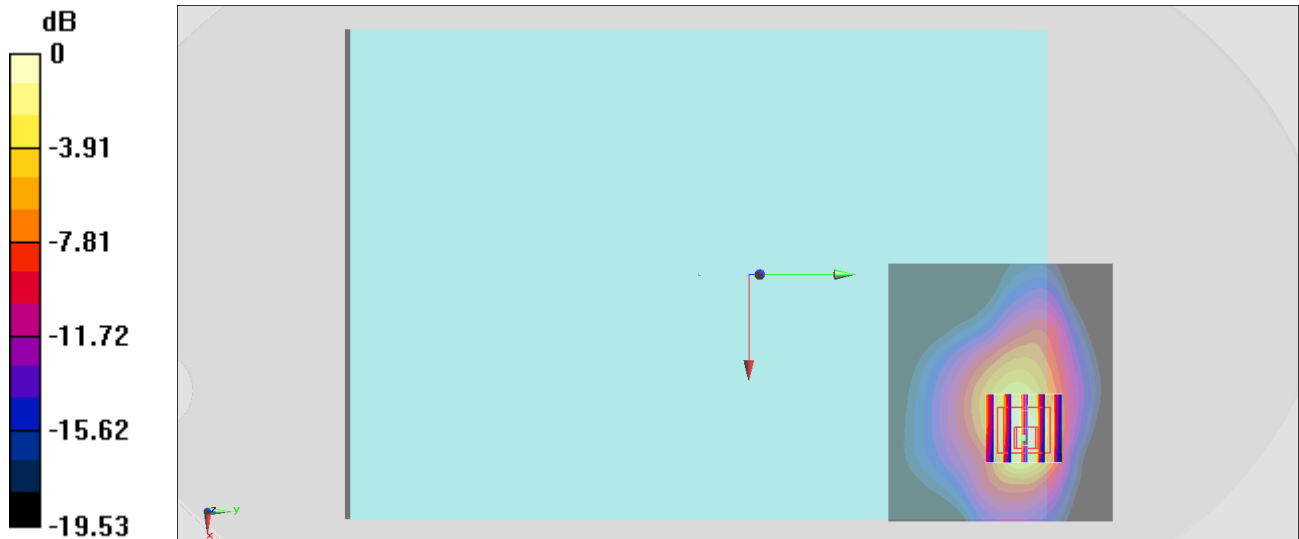
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.93 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.69 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.467 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

**#4\_LTE Band 7\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch21350**

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_200904 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 38.936$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.36, 4.36, 4.36) @ 2560 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

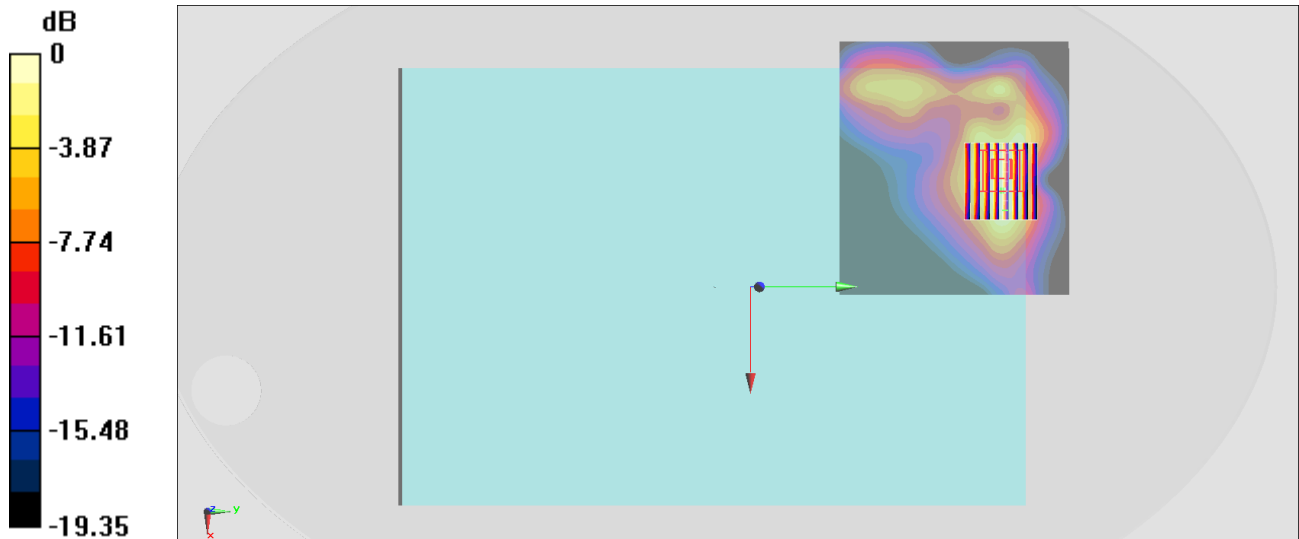
**Zoom Scan (9x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.01 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.526 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg



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

**#5\_LTE Band 12\_10M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch23095**

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200902 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.884$  S/m;  $\epsilon_r = 43.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.57, 6.57, 6.57) @ 707.5 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

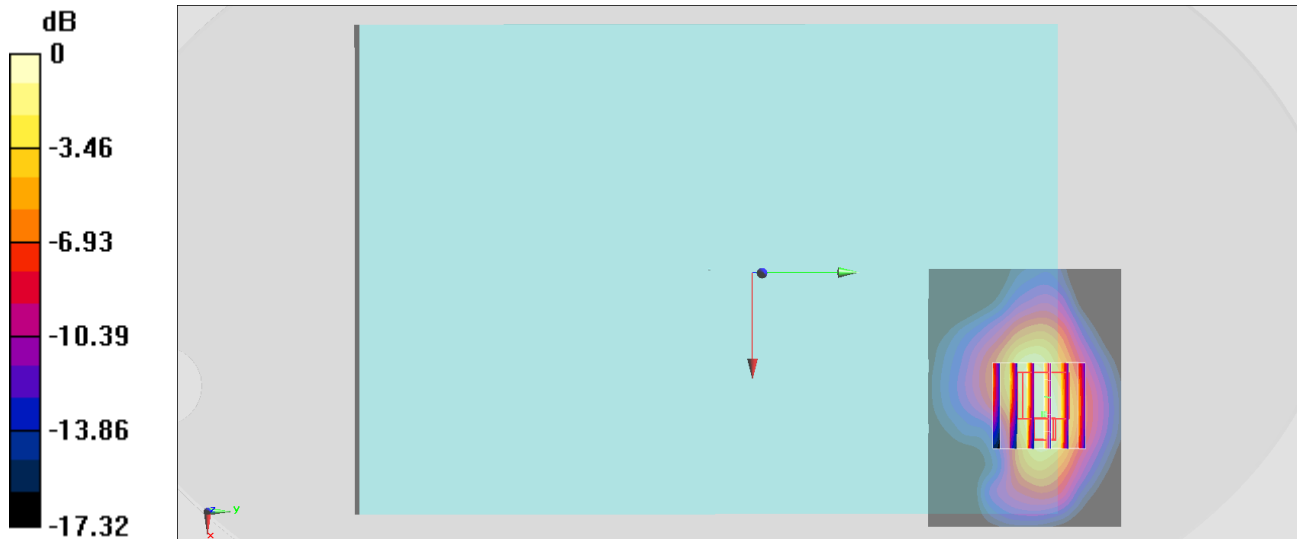
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.34 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.02 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.511 W/kg**

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

**#6\_LTE Band 13\_10M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch23230**

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200909 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 43.629$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.57, 6.57, 6.57) @ 782 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

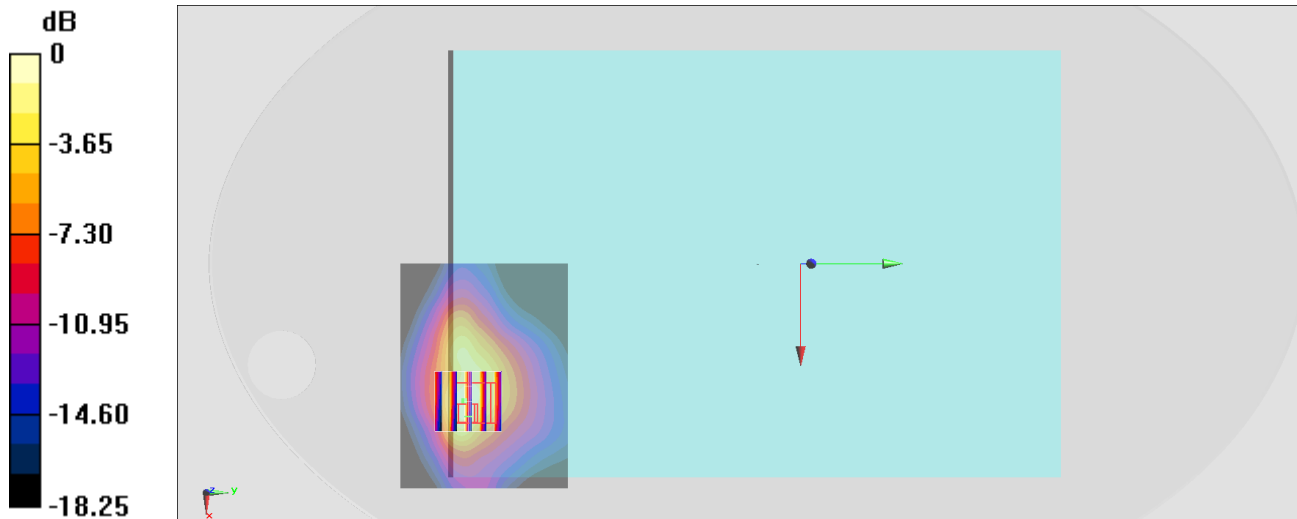
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.57 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.15 W/kg

**SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.452 W/kg**

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

**#7\_LTE Band 14\_10M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch23330**

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200909 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 43.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.57, 6.57, 6.57) @ 793 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

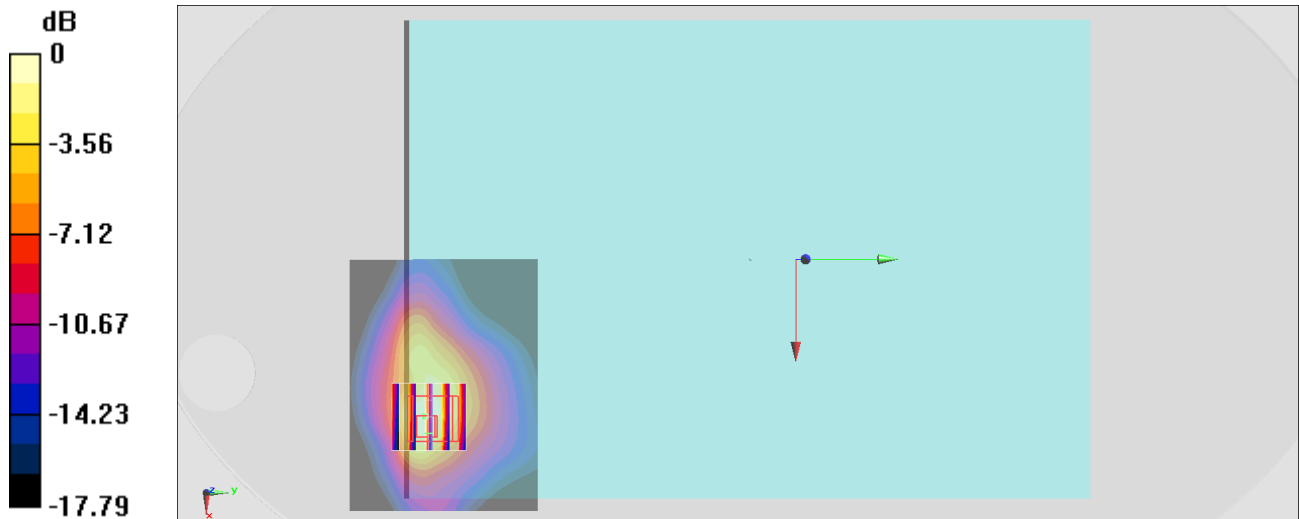
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.77 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.21 W/kg

**SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.415 W/kg**

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

## #8\_LTE Band 25\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch26140

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200906 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.346$  S/m;  $\epsilon_r = 40.521$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1) @ 1860 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

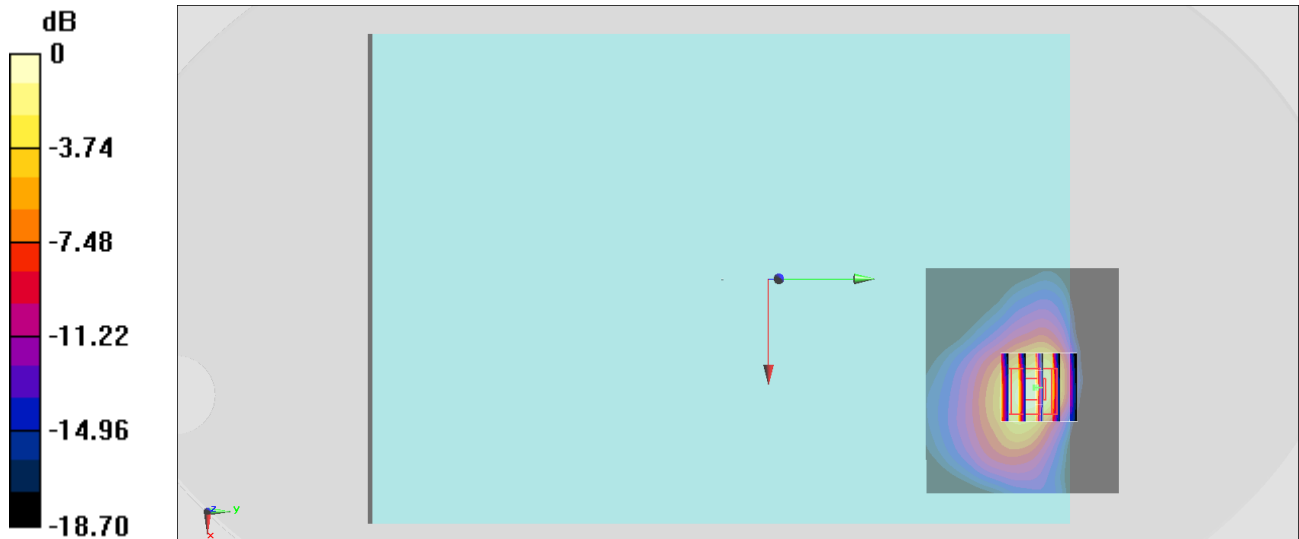
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.21 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.49 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.503 W/kg**

Maximum value of SAR (measured) = 1.56 W/kg



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



**#9\_LTE Band 26\_15M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch26865**

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200903 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 43.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31) @ 831.5 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

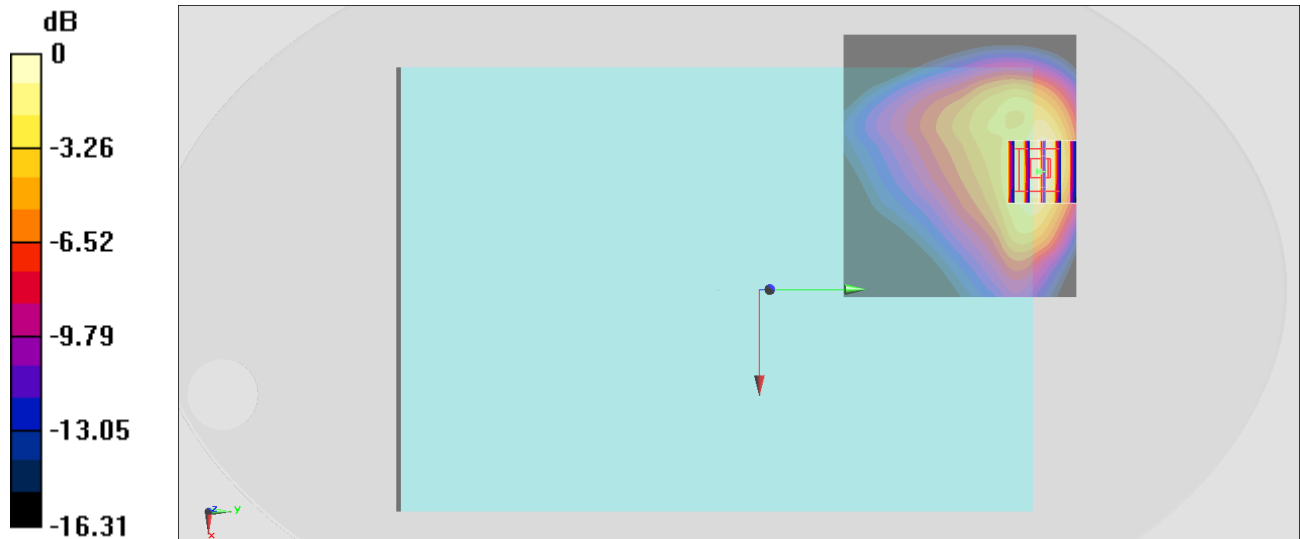
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.36 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.642 W/kg**

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

## #10\_LTE Band 30\_10M\_QPSK\_1\_0\_Bottom Face\_17mm\_Ch27710

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL\_2300\_200903 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.625$  S/m;  $\epsilon_r = 40.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.77, 4.77, 4.77) @ 2310 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

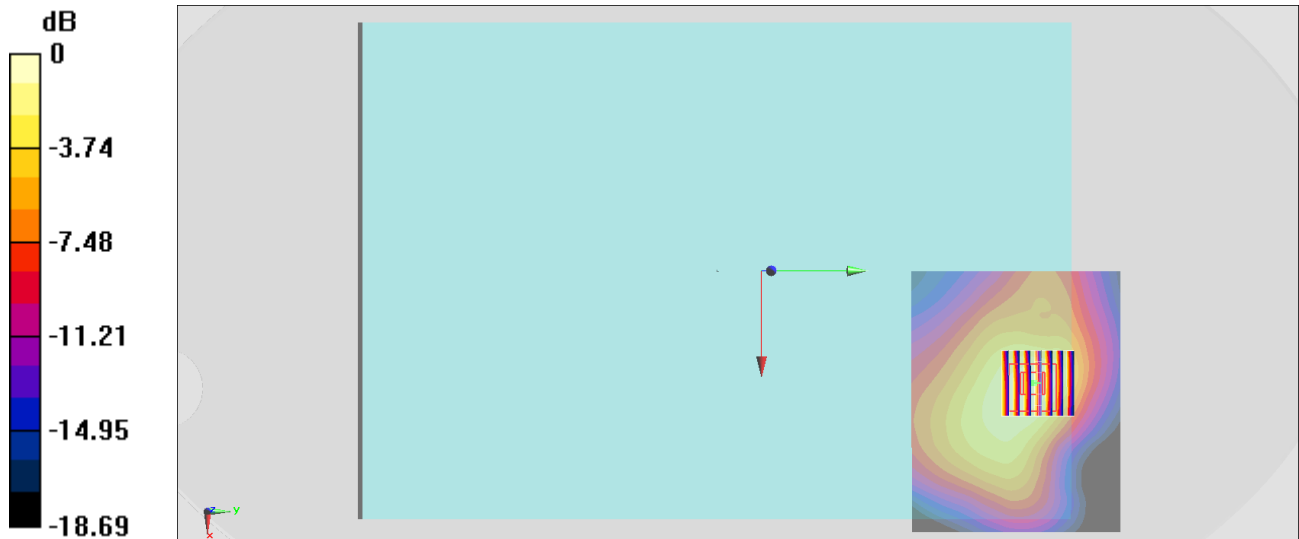
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.45 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.601 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

**#11\_LTE Band 41\_HPUE\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch41490**

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:2.33

Medium: HSL\_2600\_200904 Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.045$  S/m;  $\epsilon_r = 38.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.36, 4.36, 4.36) @ 2680 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.71 W/kg

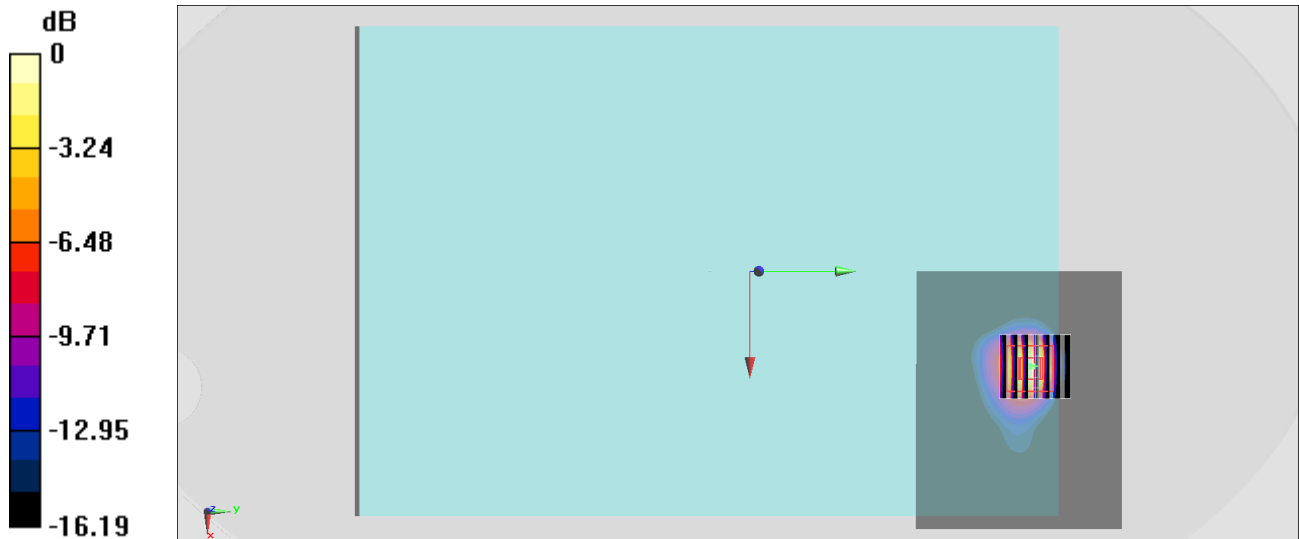
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.07 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.81 W/kg

**SAR(1 g) = 1.146 W/kg; SAR(10 g) = 0.403 W/kg**

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

**#12\_LTE Band 48\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch55830**

Communication System: LTE; Frequency: 3609 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3700\_200910 Medium parameters used:  $f = 3609$  MHz;  $\sigma = 3.012$  S/m;  $\epsilon_r = 37.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.91, 6.91, 6.91) @ 3609 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.85 W/kg

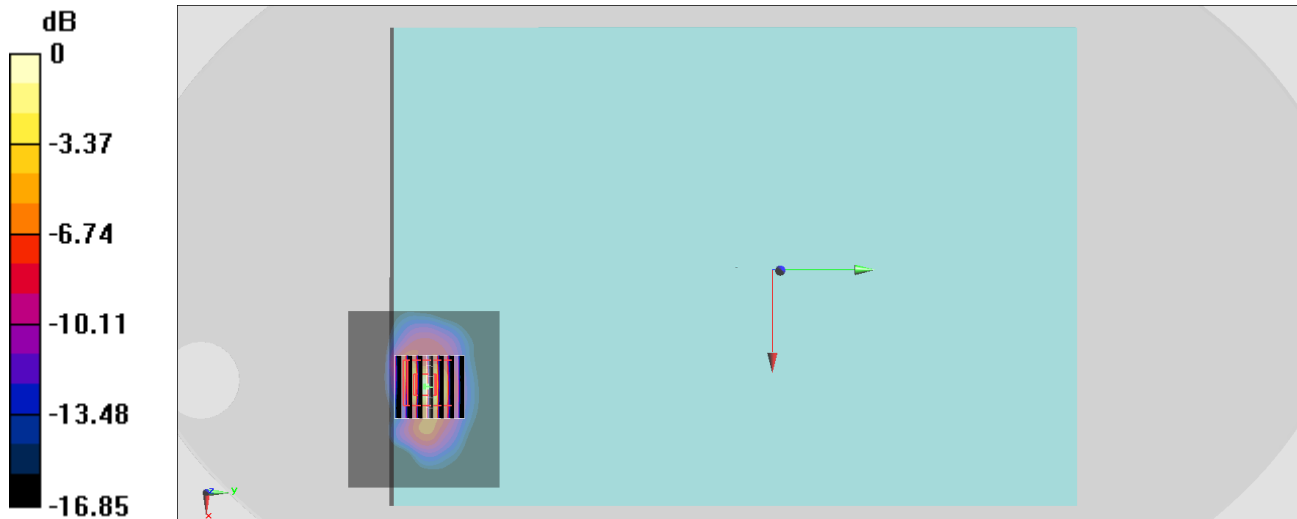
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 24.07 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 4.97 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.363 W/kg**

Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.85 W/kg = 4.55 dBW/kg

## #13\_LTE Band 66\_20M\_QPSK\_1\_0\_Bottom of Laptop\_11mm\_Ch132572

Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1

Medium: HSL\_1750\_200907 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 40.616$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.28, 5.28, 5.28) @ 1770 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

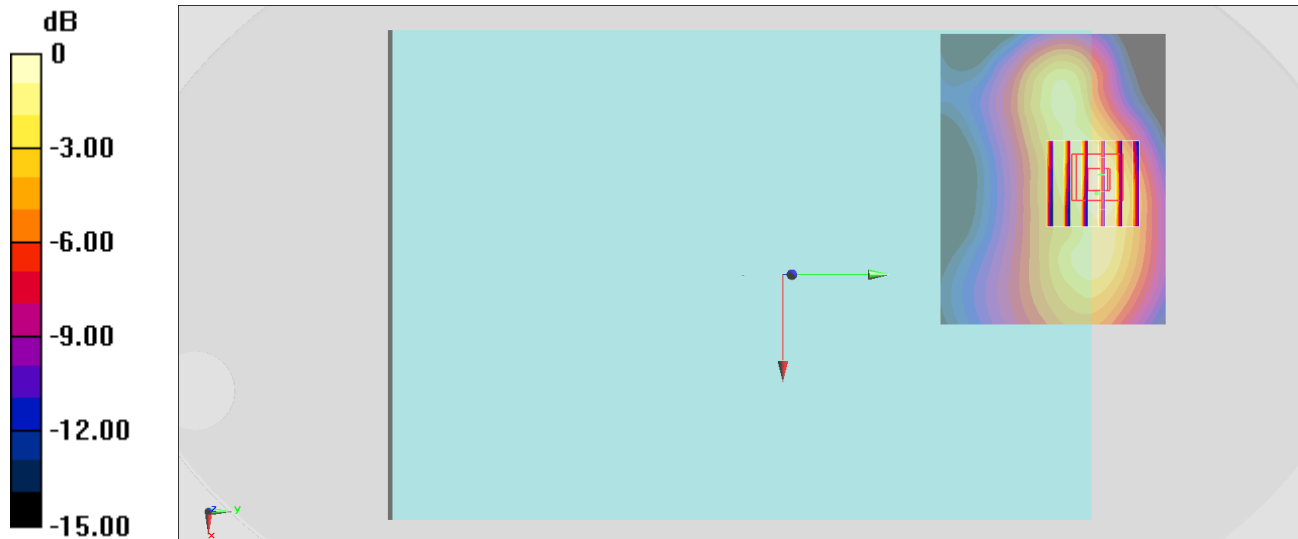
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.77 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.977 W/kg; SAR(10 g) = 0.557 W/kg**

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



0 dB = 1.08 W/kg = 0.33 dBW/kg

**#14\_LTE Band 71\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch133322**

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200902 Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 43.993$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.57, 6.57, 6.57) @ 683 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

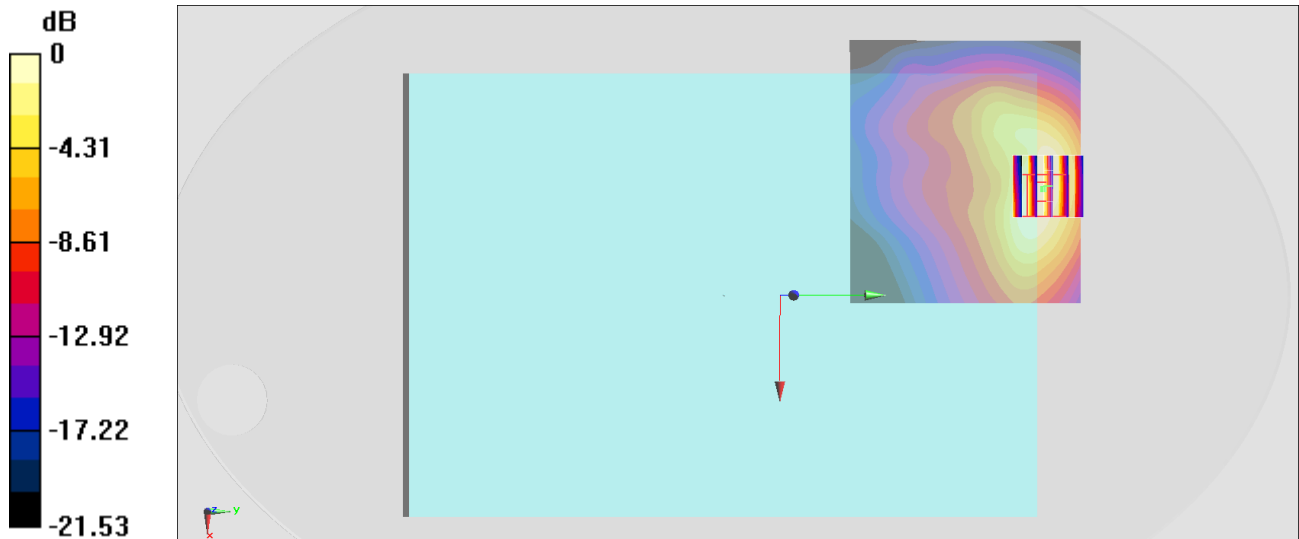
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.18 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.547 W/kg**

Maximum value of SAR (measured) = 1.37 W/kg



**#151\_FR1 n2\_20M\_BPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch376000**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200828 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.424$  S/m;  $\epsilon_r = 41.004$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(8.18, 8.18, 8.18) @ 1880 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

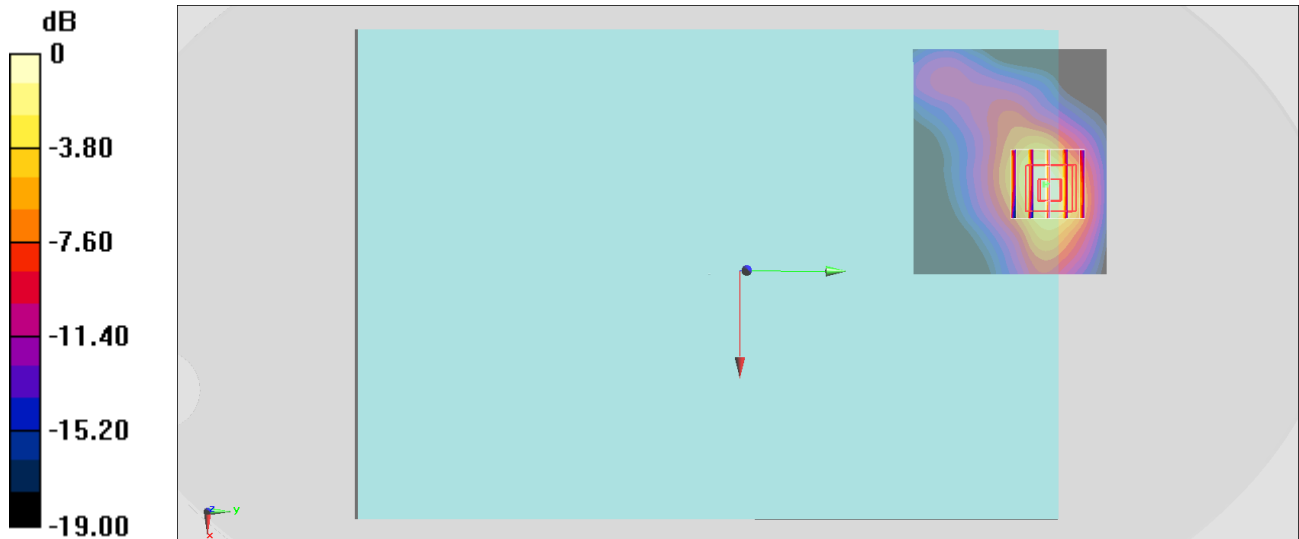
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.83 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.486 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

## #16\_FR1 n5\_20M\_BPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch167300

Communication System: LTE ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200827 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.933$  S/m;  $\epsilon_r = 43.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(9.6, 9.6, 9.6) @ 836.5 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

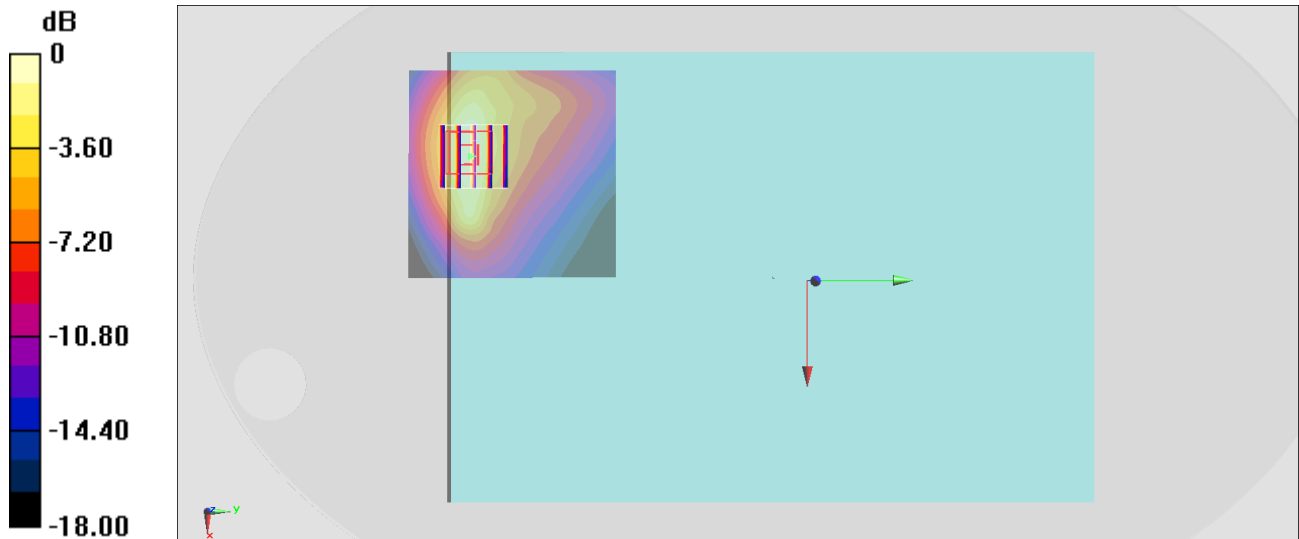
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.90 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.537 W/kg**

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



0 dB = 1.35 W/kg = 1.30 dBW/kg



**#17\_FR1\_n41\_100M\_BPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch518598**

Communication System: LTE; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_200901 Medium parameters used:  $f = 2592.99$  MHz;  $\sigma = 1.977$  S/m;  $\epsilon_r = 38.085$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.36, 4.36, 4.36) @ 2592.99 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.27 W/kg

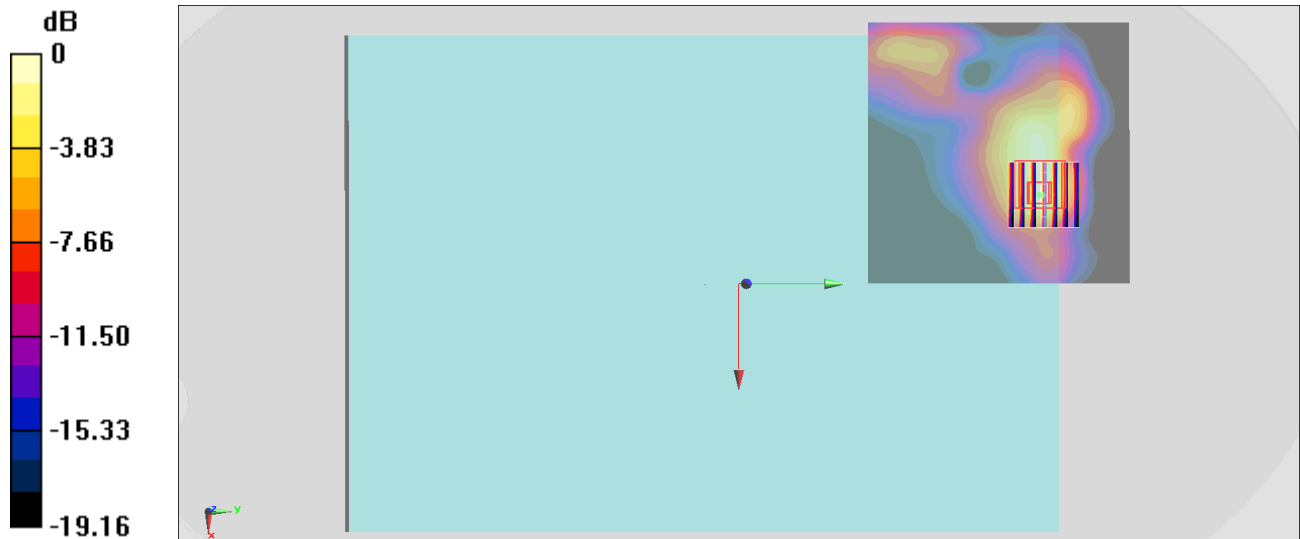
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.63 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.454 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

**#18\_FR1 n66\_20M\_BPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch349000**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200828 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.381$  S/m;  $\epsilon_r = 40.713$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(8.55, 8.55, 8.55) @ 1745 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

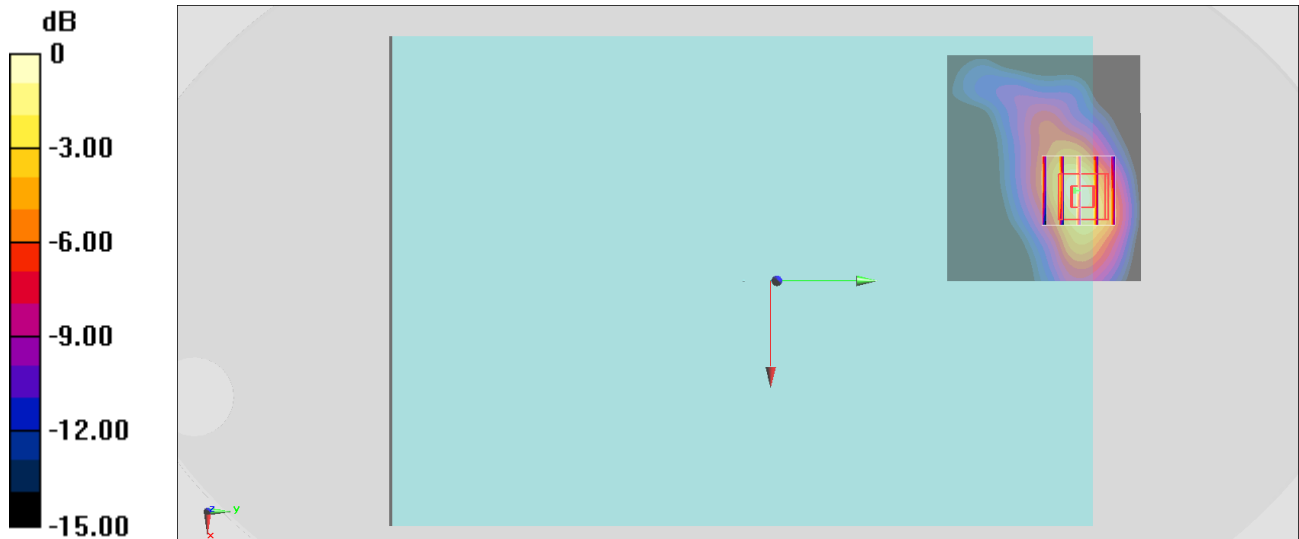
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.74 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.469 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

## #19\_FR1\_n71\_20M\_BPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch136100

Communication System: LTE ; Frequency: 680.5 MHz;Duty Cycle: 1:1

Medium: HSL\_750\_200827 Medium parameters used :  $f = 680.5$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 42.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(9.88, 9.88, 9.88) @ 680.5 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

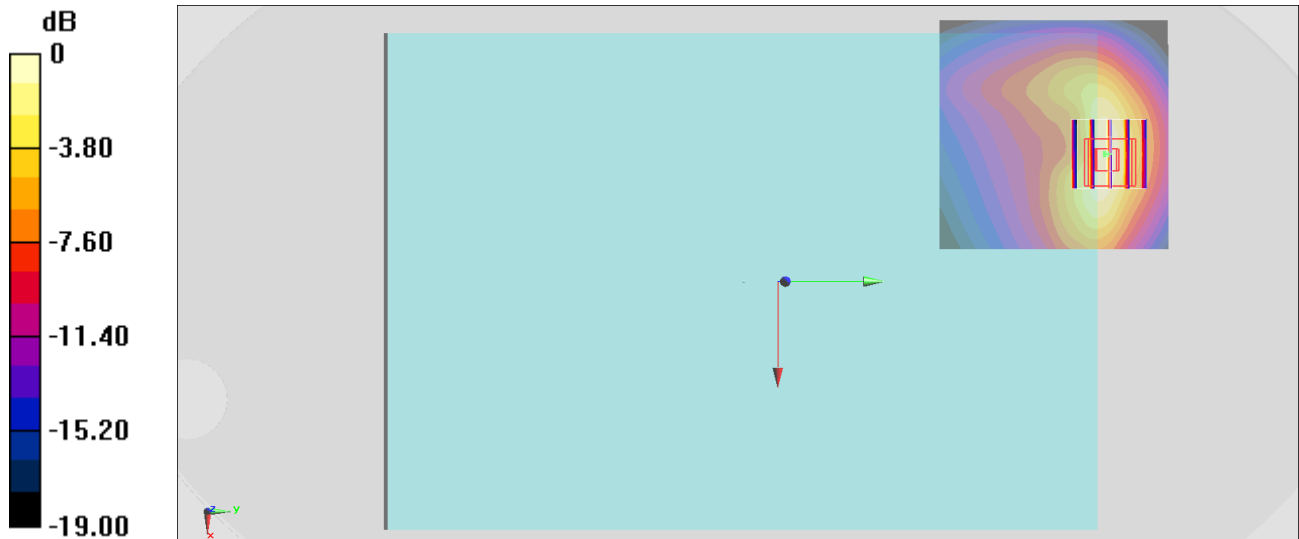
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.12 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.563 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

## #20\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch6;Ant 1

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.018

Medium: HSL\_2450\_200813 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.811$  S/m;  $\epsilon_r = 38.988$ ;  $\rho = 1000$  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: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.15 W/kg

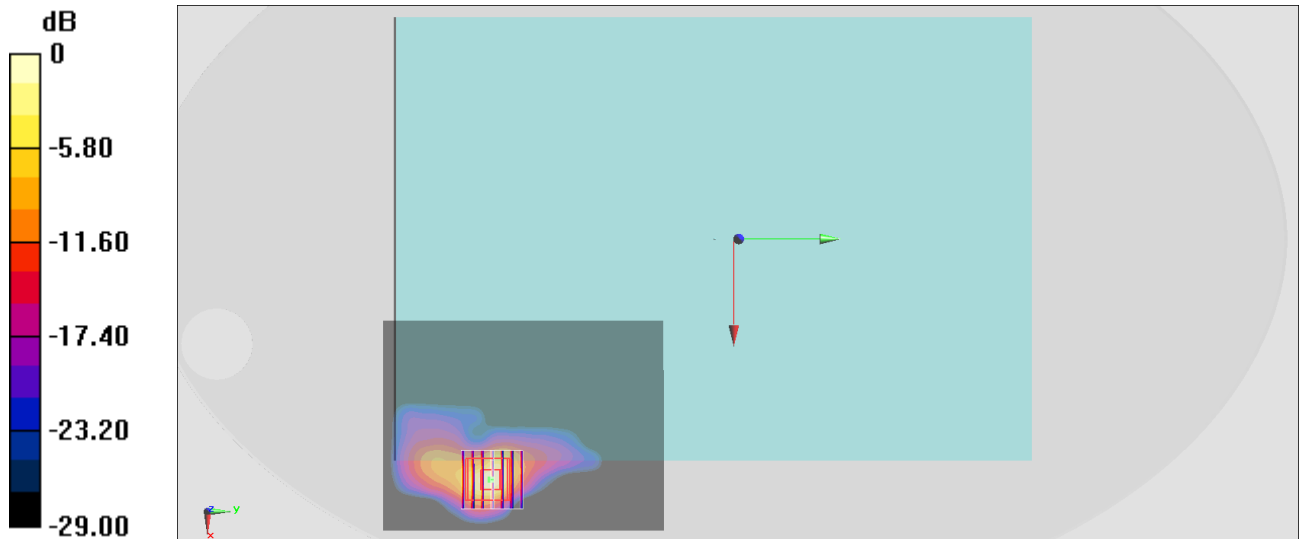
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.13 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.92 W/kg

**SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.325 W/kg**

Maximum value of SAR (measured) = 2.09 W/kg



0 dB = 2.15 W/kg = 3.32 dBW/kg

**#21\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch58;Ant 2**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.087

Medium: HSL\_5G\_200813 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.582$  S/m;  $\epsilon_r = 36.85$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °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: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.20 W/kg

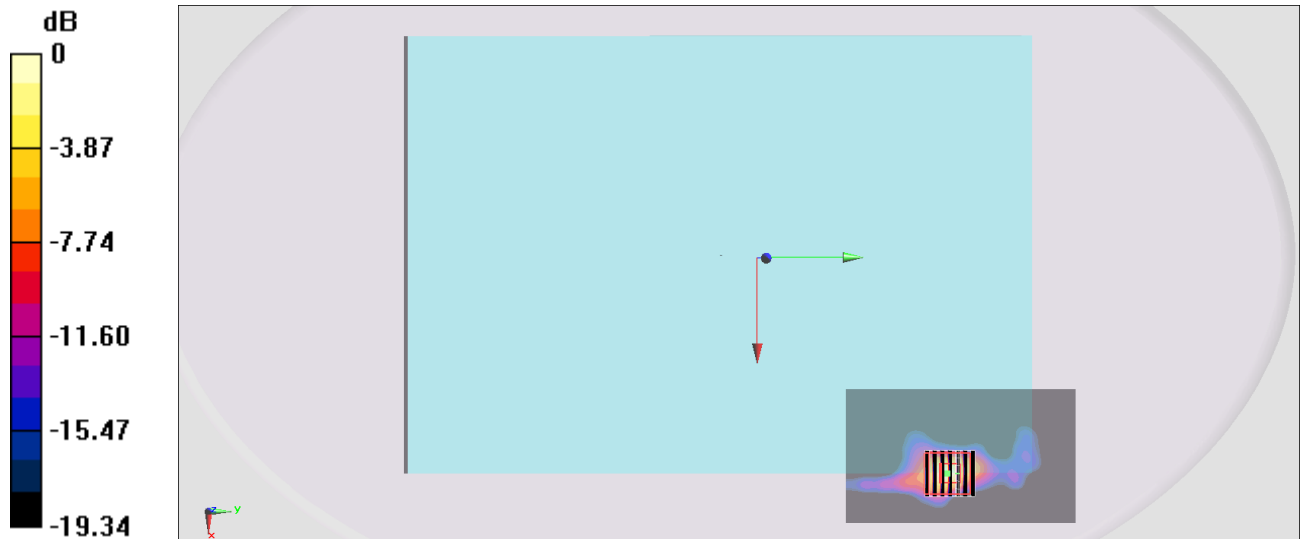
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.77 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.50 W/kg

**SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.184 W/kg**

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



0 dB = 2.20 W/kg = 3.42 dBW/kg

**#22\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch138;Ant 2**

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.087

Medium: HSL\_5G\_200813 Medium parameters used:  $f = 5690$  MHz;  $\sigma = 4.979$  S/m;  $\epsilon_r = 36.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5690 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.73 W/kg

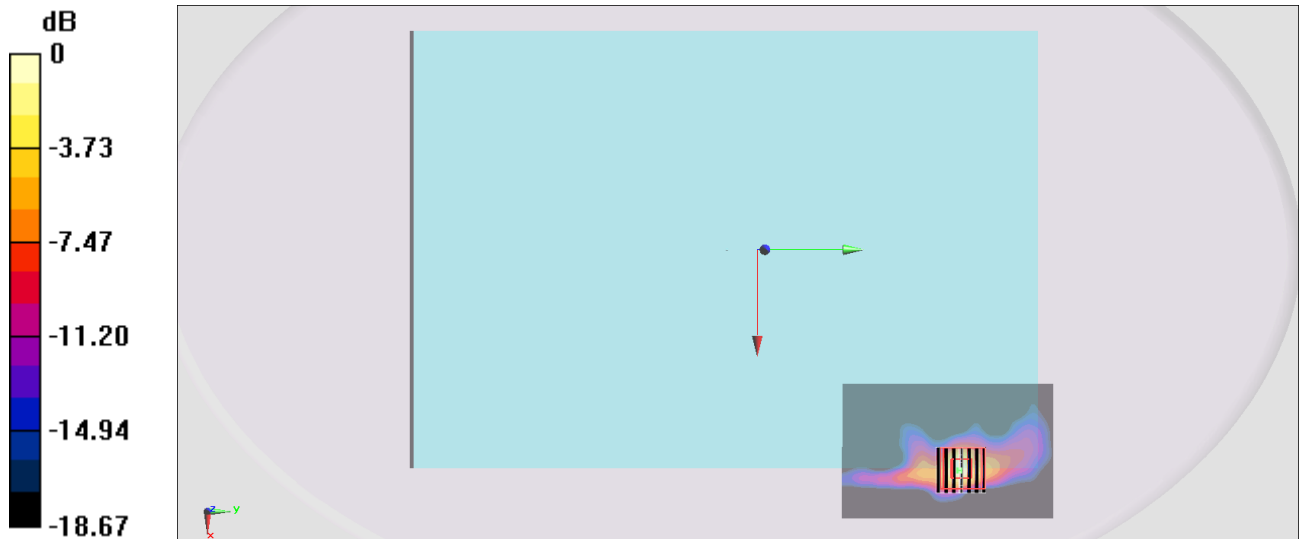
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.24 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.73 W/kg

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

## #23\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Bottom of Laptop\_0mm\_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL\_5G\_200907 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.179$  S/m;  $\epsilon_r = 36.123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5775 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.77 W/kg

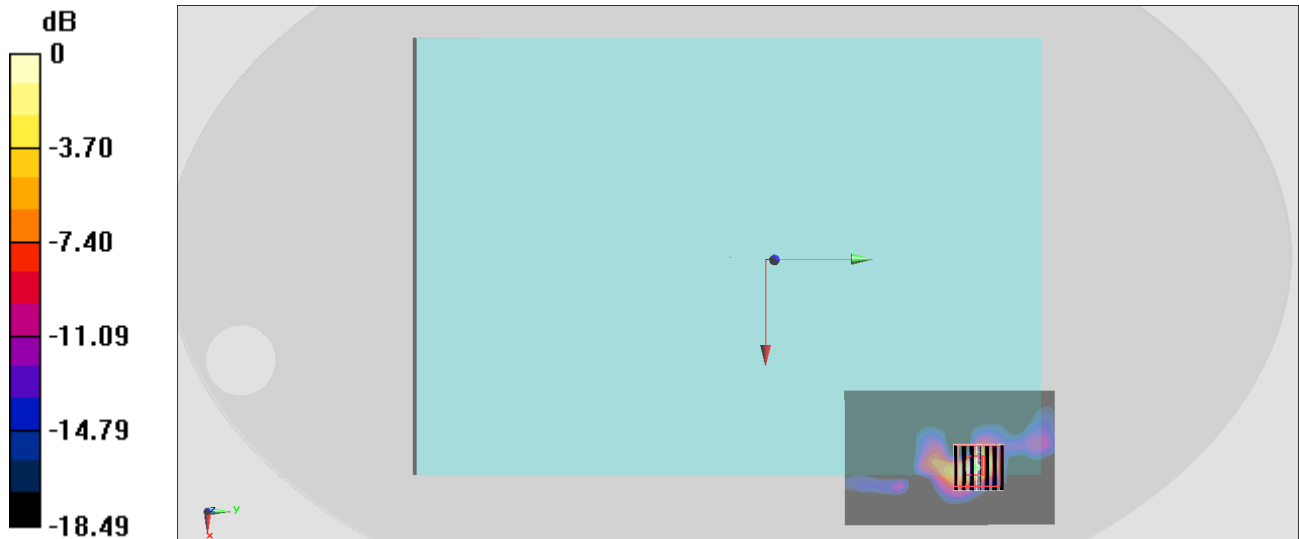
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.53 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.46 W/kg

**SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.207 W/kg**

Maximum value of SAR (measured) = 3.16 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

## #24\_Bluetooth\_3Mbps\_Bottom of Laptop\_0mm\_Ch78;Ant 2

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.308

Medium: HSL\_2450\_200813 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.866$  S/m;  $\epsilon_r = 38.749$ ;  $\rho = 1000$  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) @ 2462 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0591 W/kg

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

Reference Value = 4.083 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0870 W/kg

**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0423 W/kg

