

**#01\_WCDMA II\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch9262**

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

Medium: HSL\_1900\_221208 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 40.665$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(8.19, 8.19, 8.19) @ 1852.4 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 33.50 V/m; Power Drift = -0.05 dB

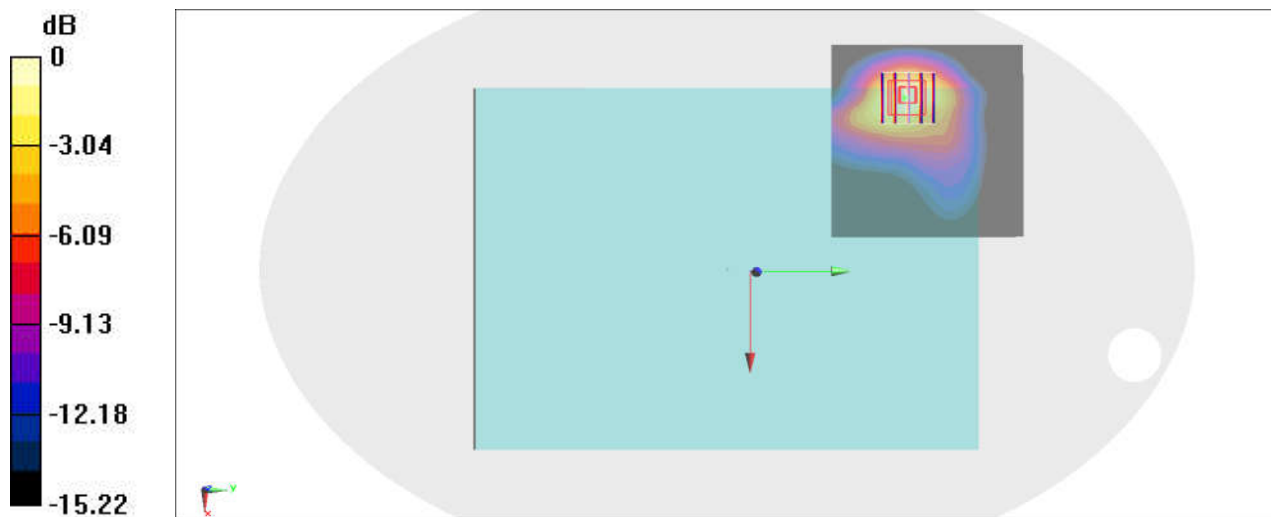
Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.579 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 65.3%

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



0 dB = 1.37 W/kg = 1.37 dBW/kg

**#02\_WCDMA IV\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_221208 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 40.881$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(8.57, 8.57, 8.57) @ 1712.4 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 32.04 V/m; Power Drift = -0.03 dB

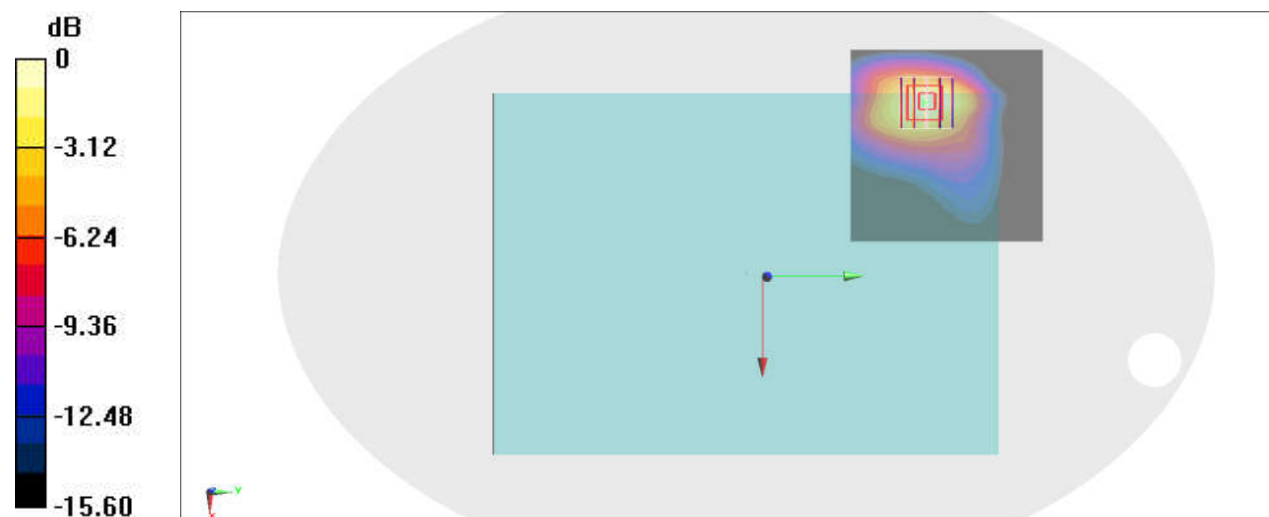
Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.549 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.8%

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



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

### #03\_WCDMA V\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_221210 Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 0.933$  S/m;  $\epsilon_r = 41.6$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.85, 9.85, 9.85); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WCDMA, 10011-CAB

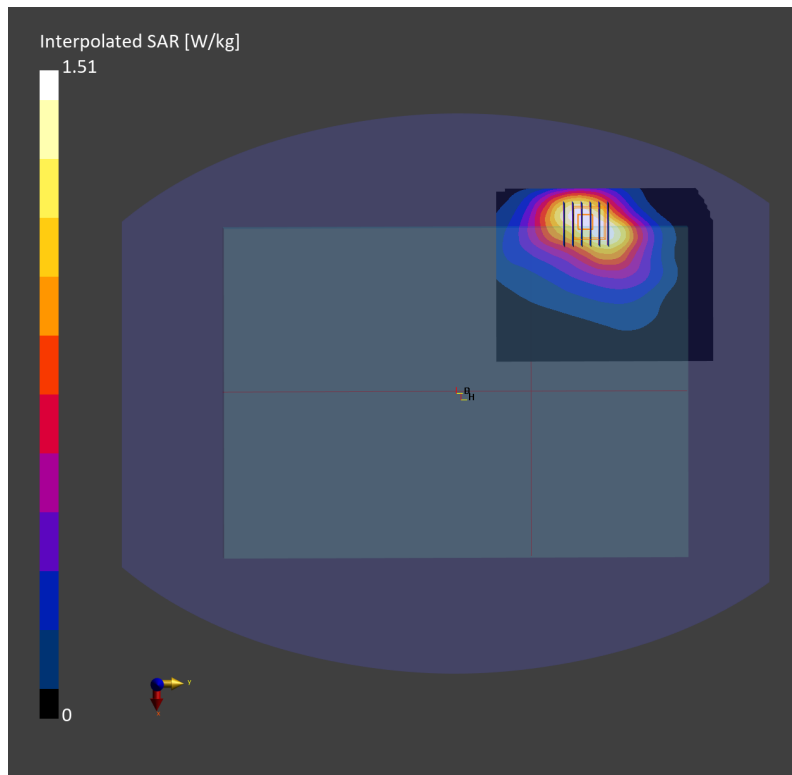
**Area Scan (120.0 mm x 150.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.824 W/kg; SAR (10g) = 0.519 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 0.821 W/kg; SAR (8g) = 0.517 W/kg; SAR (10g) = 0.486 W/kg



**#04\_LTE Band 7\_20M\_QPSK\_1\_0\_Bottom of Laptop\_10mm\_Ch20850**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_221221 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.868$  S/m;  $\epsilon_r = 39.164$ ;

$\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(7.4, 7.4, 7.4) @ 2510 MHz; Calibrated: 2022/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2022/2/28
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

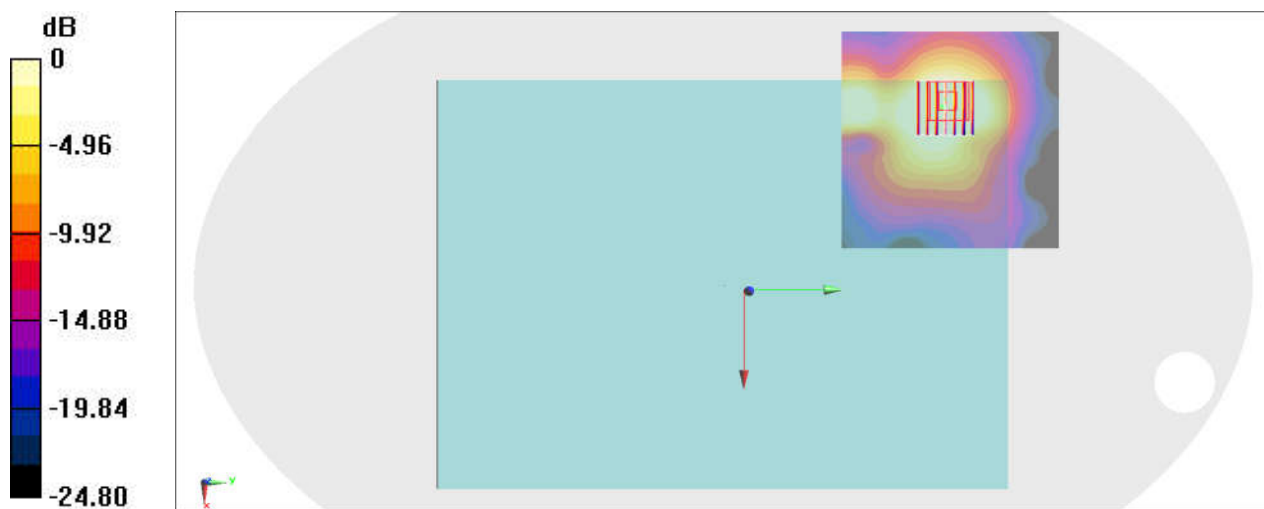
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.00 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.419 W/kg**

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



0 dB = 1.25 W/kg = 0.97 dBW/kg

## #05\_LTE Band 12\_10M\_QPSK\_1\_25\_Bottom of Laptop\_0mm\_Ch23095

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

Medium: HSL\_750\_221215 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.868$  S/m;  $\epsilon_r = 42.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(10.97, 10.97, 10.97); Calibrated: 2022-03-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2022-10-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: LTE-FDD, 10175-CAG

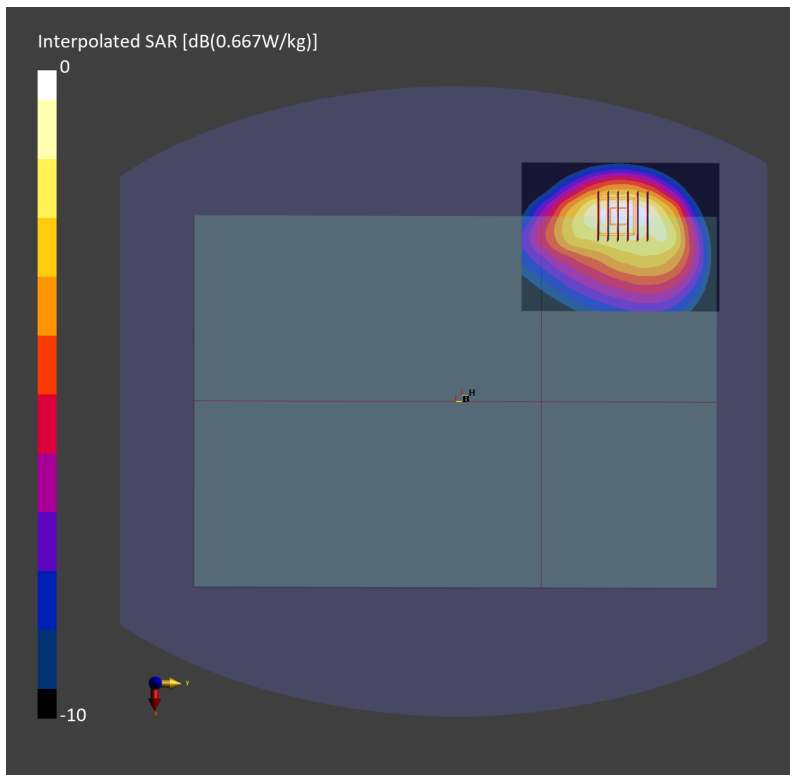
**Area Scan (90.0 mm x 120.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.568 W/kg; SAR (10g) = 0.371 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 0.562 W/kg; SAR (8g) = 0.372 W/kg; SAR (10g) = 0.351 W/kg



## #06\_LTE Band 13\_10M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch23230

Communication System: LTE; Frequency: 782.0 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_221210 Medium parameters used:  $f=782.0$  MHz;  $\sigma=0.907$  S/m;  $\epsilon_r=41.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.51, 10.51, 10.51); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: LTE-FDD, 10175-CAG

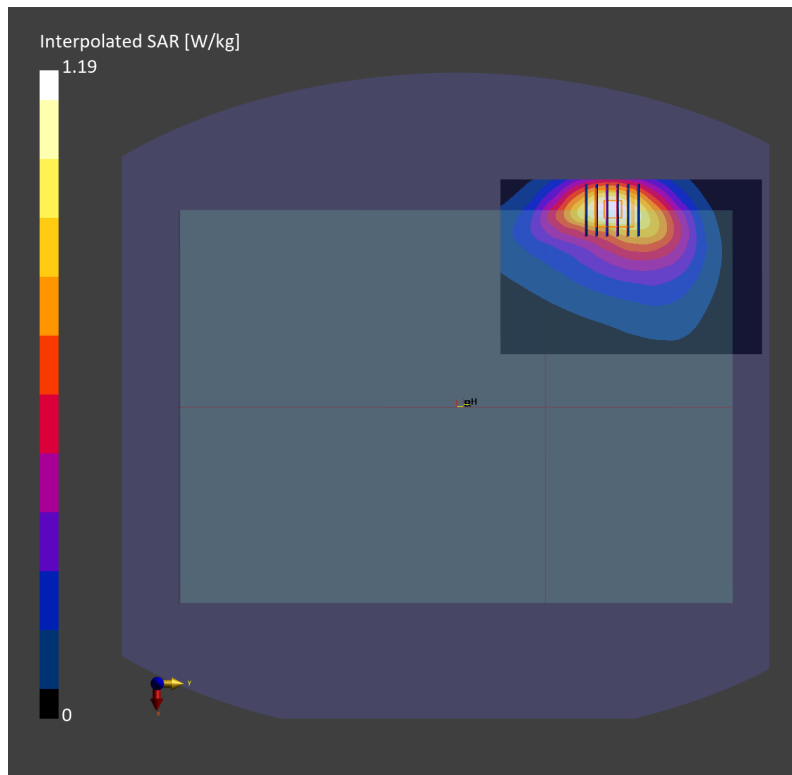
**Area Scan (100.0 mm x 150.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.692 W/kg; SAR (10g) = 0.448 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 0.687 W/kg; SAR (8g) = 0.445 W/kg; SAR (10g) = 0.419 W/kg



## #07\_LTE Band 14\_10M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch23330

Communication System: LTE; Frequency: 793.0 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_221210 Medium parameters used:  $f = 793.0$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 41.7$

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

### DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(10.45, 10.45, 10.45); Calibrated: 2022-01-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2022-01-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: LTE-FDD, 10175-CAG

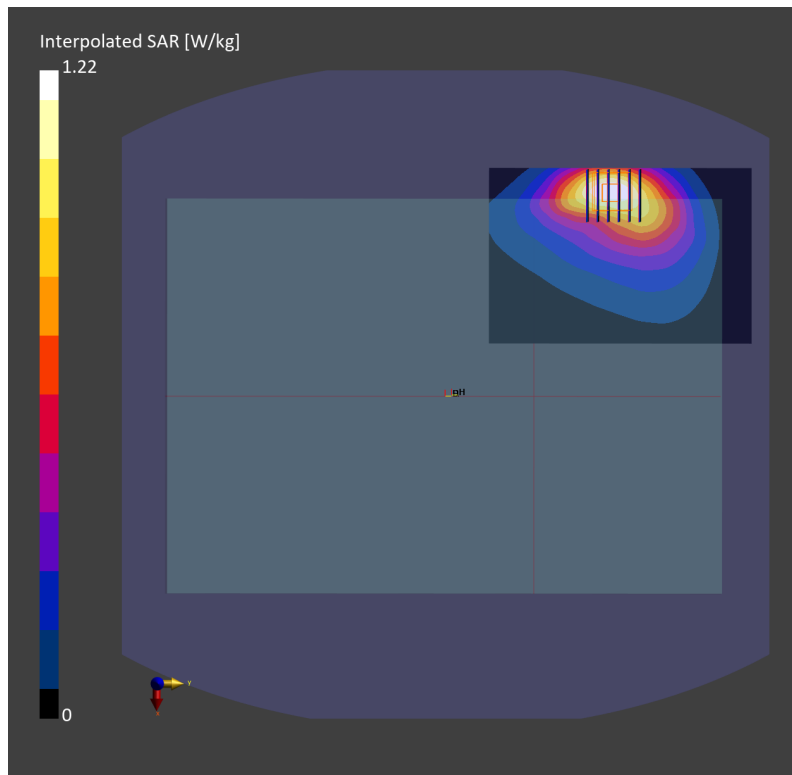
**Area Scan (100.0 mm x 150.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.664 W/kg; SAR (10g) = 0.436 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 0.675 W/kg; SAR (8g) = 0.432 W/kg; SAR (10g) = 0.406 W/kg



## #08\_LTE Band 25\_20M\_QPSK\_1\_49\_Bottom of Laptop\_0mm\_Ch26140

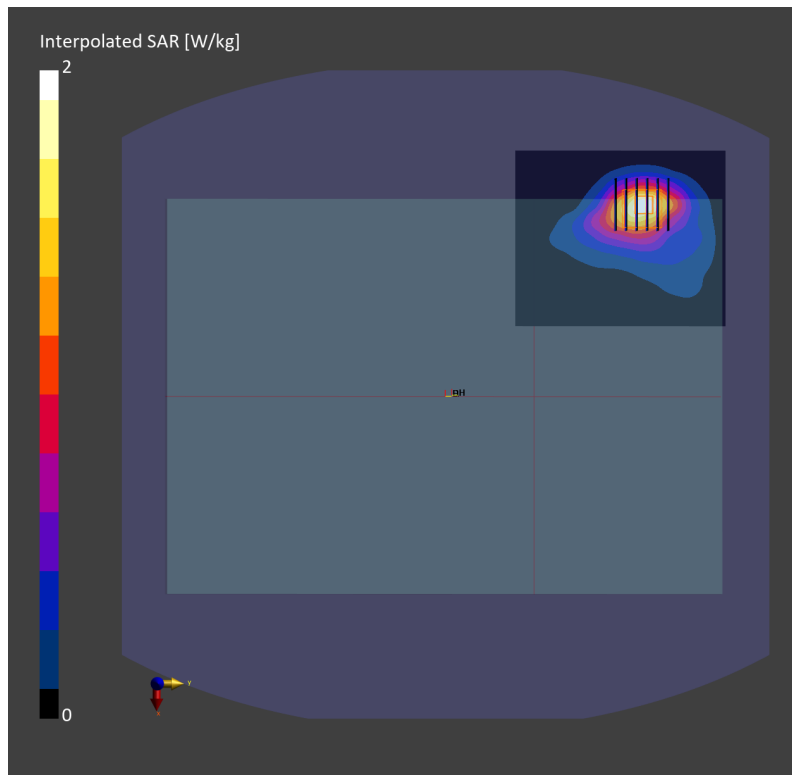
Communication System: LTE; Frequency: 1860.0 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_221211 Medium parameters used:  $f = 1860.0$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 39.6$   
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

### DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(8.49, 8.49, 8.49); Calibrated: 2022-01-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2022-01-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: LTE-FDD, 10169-CAE

**Area Scan (100.0 mm x 120.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 1.17 W/kg; SAR (10g) = 0.639 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm  
Power Drift = -0.05 dB  
SAR (1g) = 1.15 W/kg; SAR (8g) = 0.686 W/kg; SAR (10g) = 0.634 W/kg



## #09\_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\_221210 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 41.7$

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

### DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.85, 9.85, 9.85); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: LTE-FDD, 10181-CAE

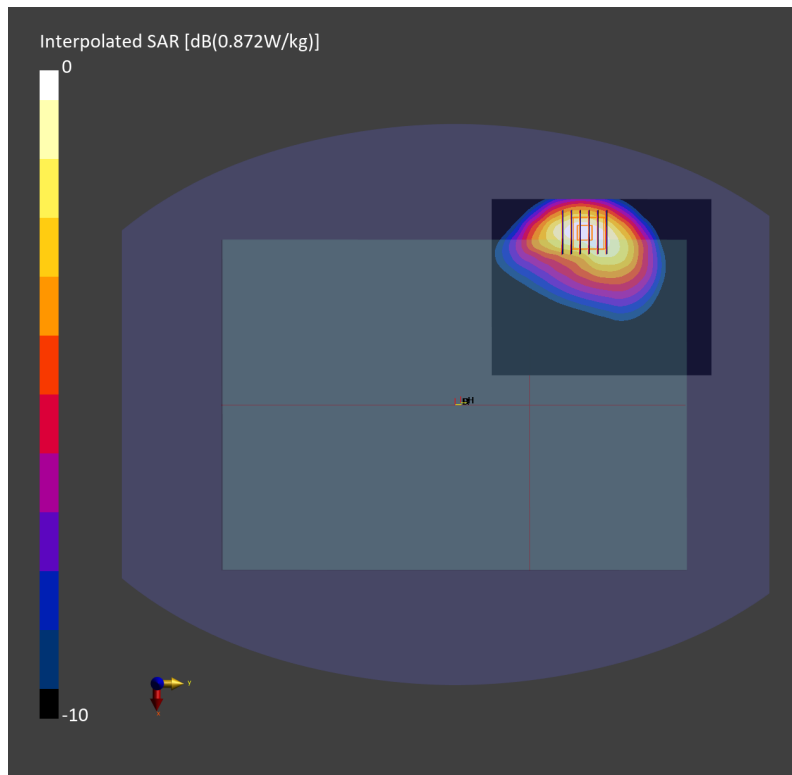
**Area Scan (120.0 mm x 150.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.737 W/kg; SAR (10g) = 0.475 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 0.746 W/kg; SAR (8g) = 0.474 W/kg; SAR (10g) = 0.445 W/kg



## #10\_LTE Band 66\_20M\_QPSK\_1\_49\_Bottom of Laptop\_0mm\_Ch132572

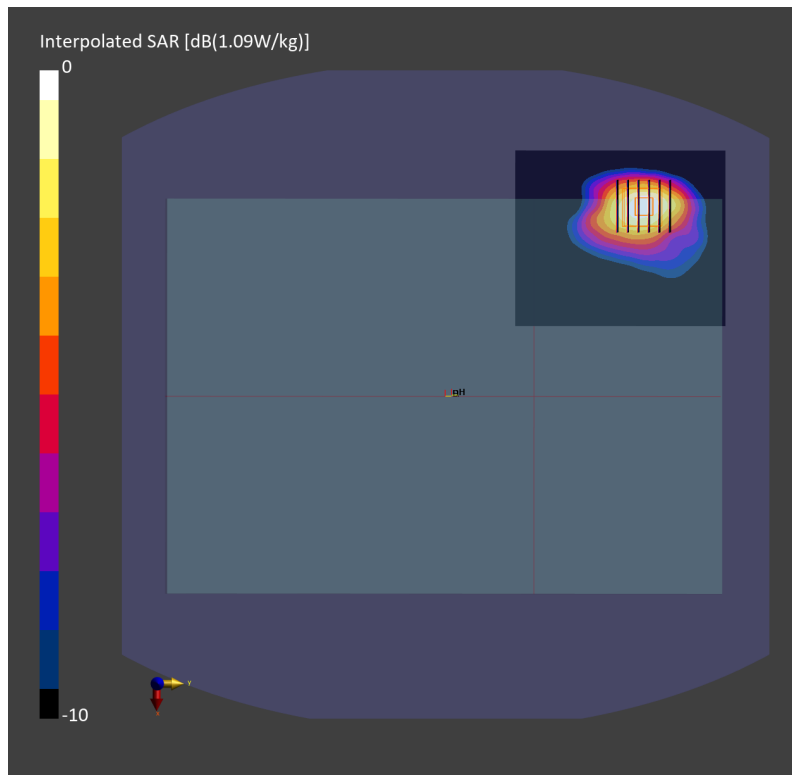
Communication System: LTE; Frequency: 1770.0 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_221211 Medium parameters used:  $f = 1770.0$  MHz;  $\sigma = 1.40$  S/m;  $\epsilon_r = 40.9$   
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

### DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(9.0, 9.0, 9.0); Calibrated: 2022-01-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2022-01-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: LTE-FDD, 10169-CAE

**Area Scan (100.0 mm x 120.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 0.874 W/kg; SAR (10g) = 0.486 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm  
Power Drift = 0.08 dB  
SAR (1g) = 0.921 W/kg; SAR (8g) = 0.542 W/kg; SAR (10g) = 0.501 W/kg



## #11\_LTE Band 71\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch133297

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

Medium: HSL\_750\_221215 Medium parameters used:  $f = 680.5$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 42.1$

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

### DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(10.97, 10.97, 10.97); Calibrated: 2022-03-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2022-10-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: LTE-FDD, 10169-CAE

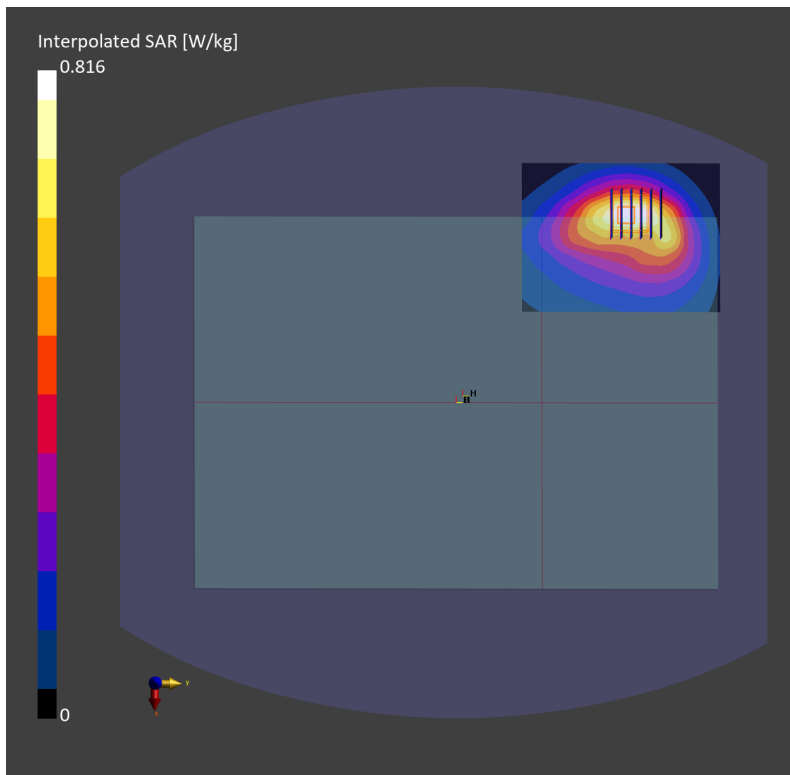
**Area Scan (90.0 mm x 120.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.488 W/kg; SAR (10g) = 0.321 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.485 W/kg; SAR (8g) = 0.316 W/kg; SAR (10g) = 0.297 W/kg



## #12\_LTE Band 41\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch41490

Communication System: LTE; Frequency: 2680.0 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_221211 Medium parameters used:  $f = 2680.0$  MHz;  $\sigma = 2.09$  S/m;  $\epsilon_r = 38.4$

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

### DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(7.82, 7.82, 7.82); Calibrated: 2022-01-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1647; Calibrated: 2022-01-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: LTE-TDD, 10172-CAG

**Area Scan (100.0 mm x 120.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.948 W/kg; SAR (10g) = 0.439 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 0.969 W/kg; SAR (8g) = 0.489 W/kg; SAR (10g) = 0.442 W/kg

