

**#01\_WCDMA II\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch9400**

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

Medium: HSL\_1900\_200608 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 39.002$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1880 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

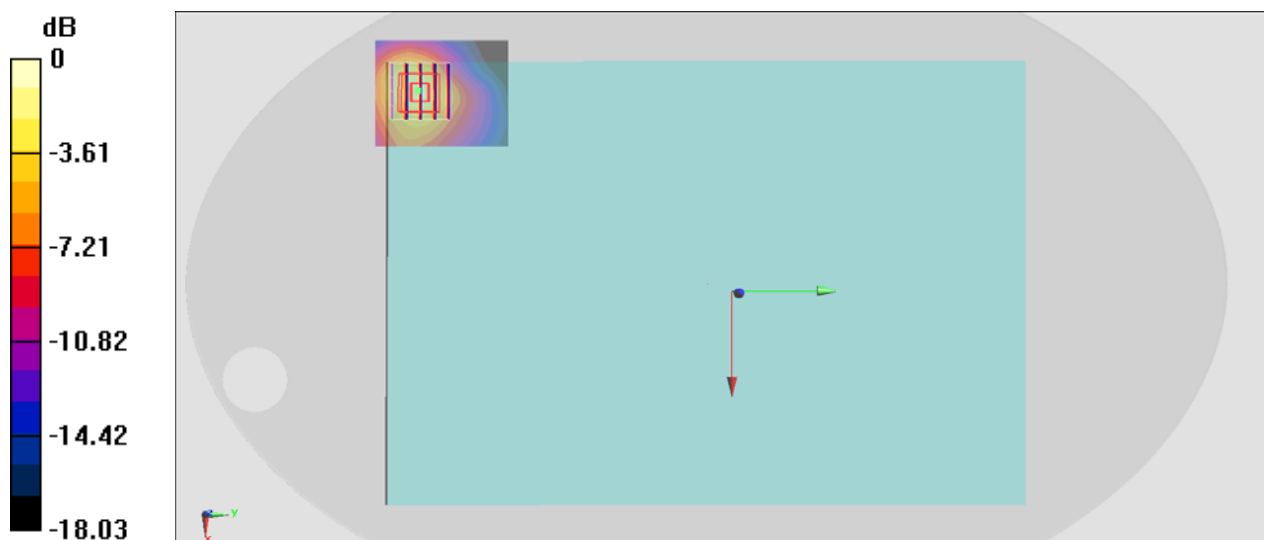
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.28 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.531 W/kg**

Maximum value of SAR (measured) = 1.70 W/kg



0 dB = 1.70 W/kg = 2.30 dBW/kg

**#02\_WCDMA IV\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch1413**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200608 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.338$  S/m;  $\epsilon_r = 40.535$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51) @ 1732.6 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

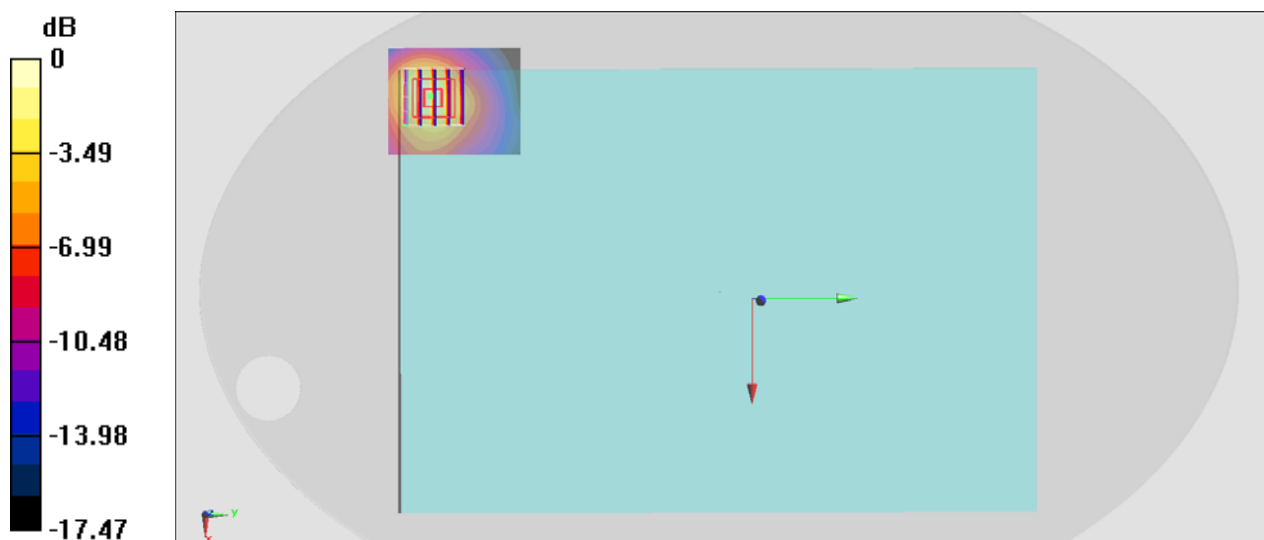
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.76 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.523 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

**#03\_WCDMA V\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200608 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 42.851$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73) @ 826.4 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

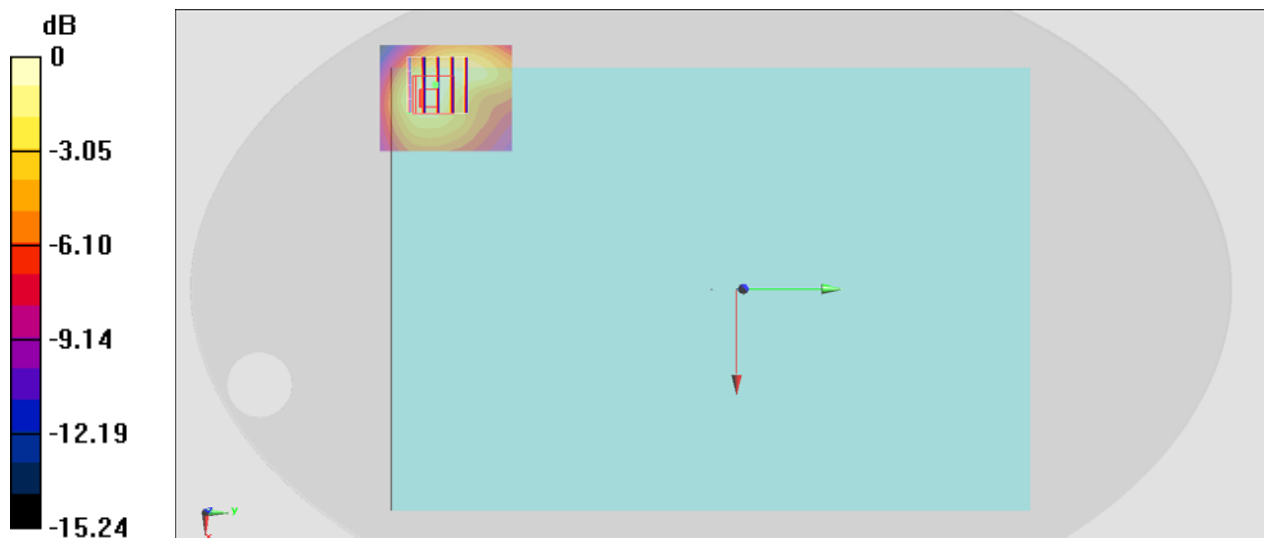
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.36 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.600 W/kg**

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

**#04\_LTE Band 7\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch20850**

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

Medium: HSL\_2600\_200609 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.899$  S/m;  $\epsilon_r = 38.34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3) @ 2510 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x61x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.87 W/kg

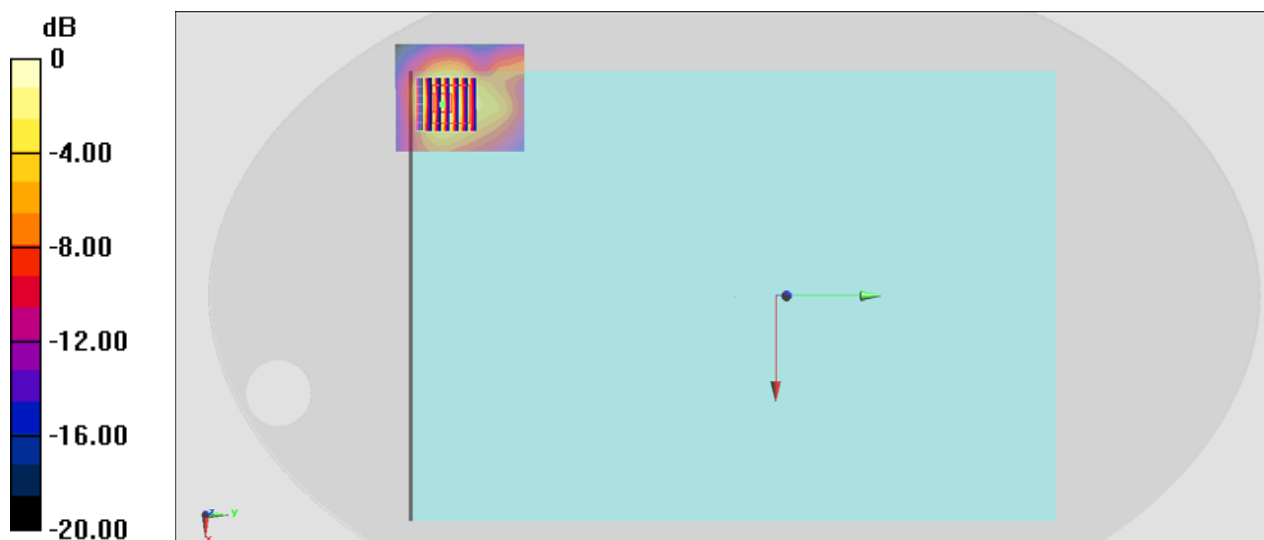
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 24.24 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.472 W/kg**

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

**#05\_LTE Band 12\_10M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch23095**

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

Medium: HSL\_750\_200608 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.404$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 707.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

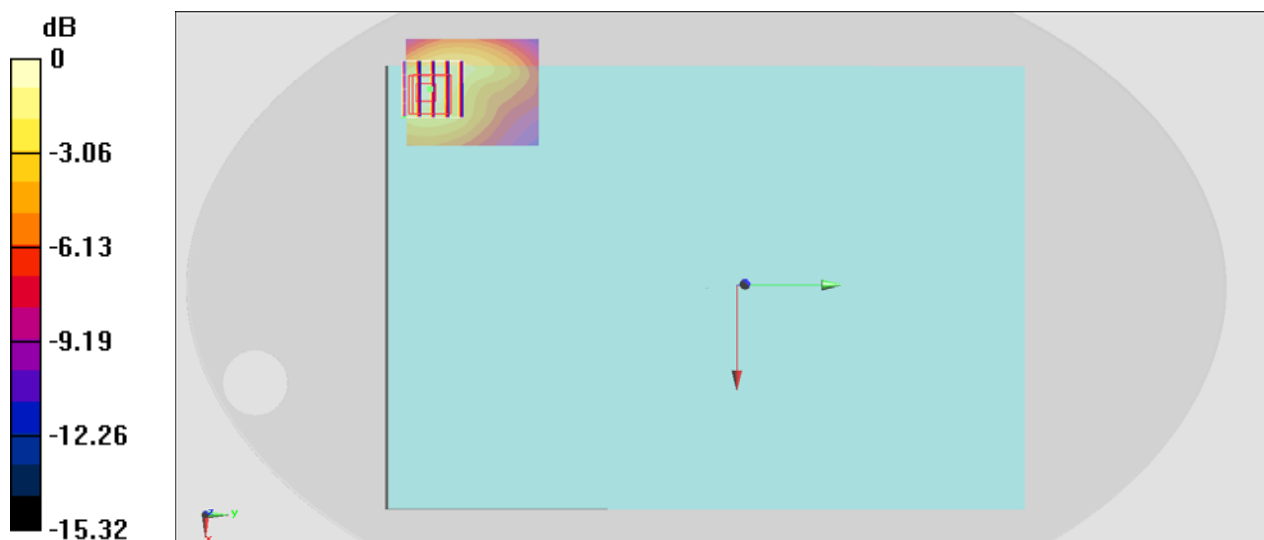
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.95 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.403 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

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

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

Medium: HSL\_750\_200608 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.907 \text{ S/m}$ ;  $\epsilon_r = 42.929$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6^\circ\text{C}$ ; Liquid Temperature :  $22.6^\circ\text{C}$

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 782 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.53 \text{ W/kg}$

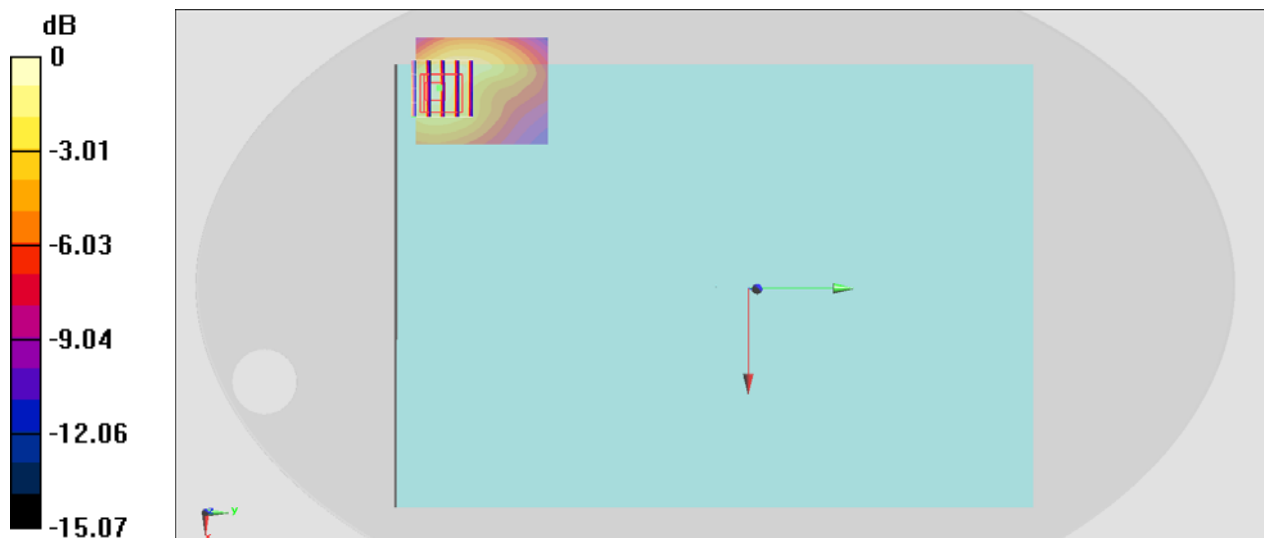
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $34.56 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $1.85 \text{ W/kg}$

**SAR(1 g) =  $1.1 \text{ W/kg}$ ; SAR(10 g) =  $0.597 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.59 \text{ W/kg}$



0 dB =  $1.59 \text{ W/kg}$  =  $2.01 \text{ dBW/kg}$

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

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

Medium: HSL\_750\_200608 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 42.891$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 793 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.45 W/kg

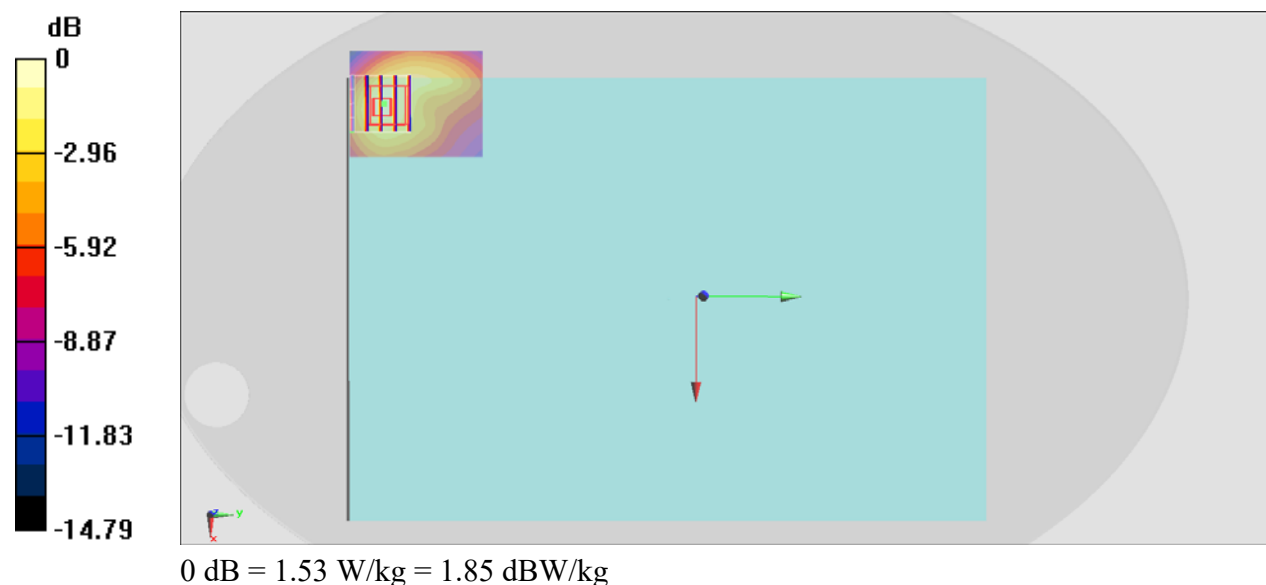
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 33.54 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 1.000 W/kg; SAR(10 g) = 0.584 W/kg**

Maximum value of SAR (measured) = 1.53 W/kg



**#08\_LTE Band 25\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch26590**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200608 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.433$  S/m;  $\epsilon_r = 38.888$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1905 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.52 W/kg

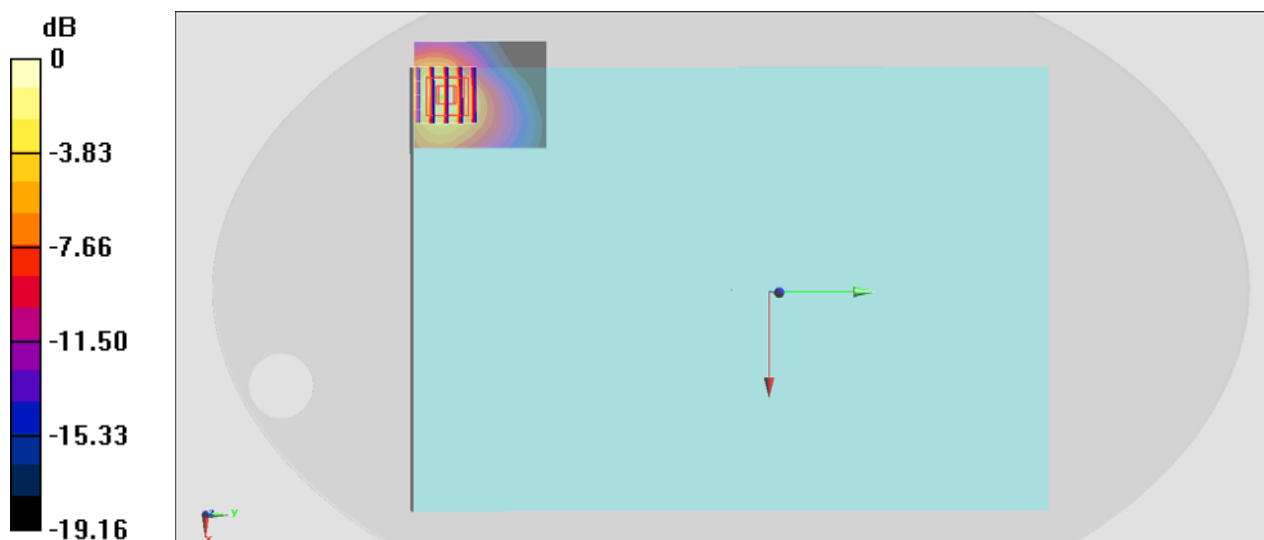
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.744 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.543 W/kg**

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/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\_200608 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 42.825$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73) @ 831.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

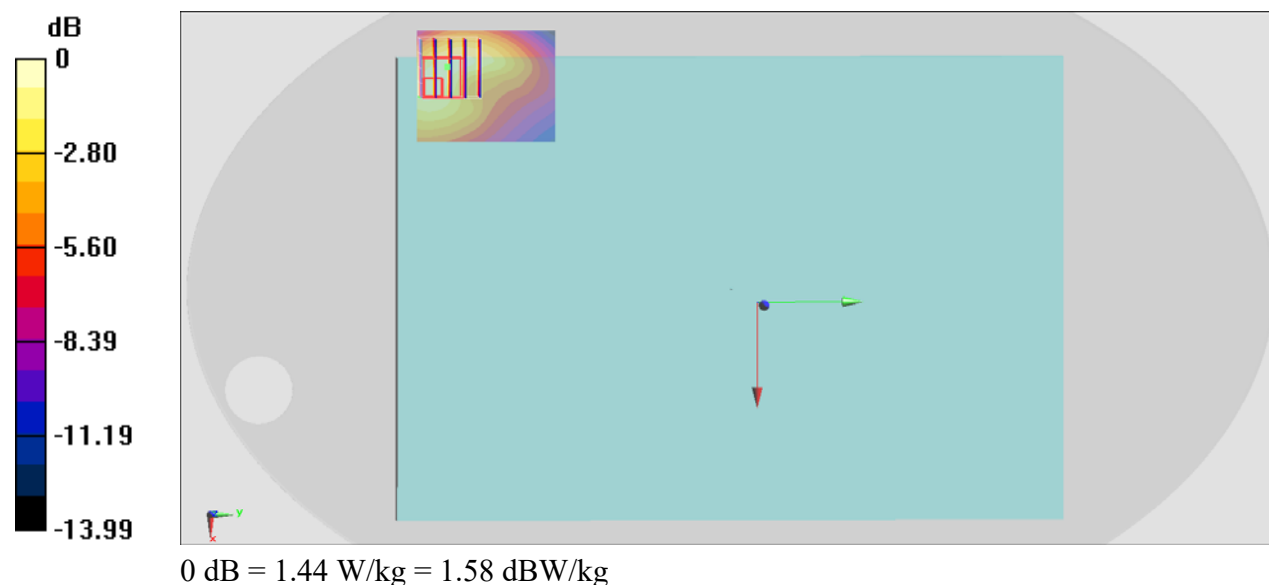
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.85 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.564 W/kg**

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



**#10\_LTE Band 30\_10M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch27710**

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

Medium: HSL\_2300\_200609 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.672$  S/m;  $\epsilon_r = 40.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.83, 7.83, 7.83) @ 2310 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

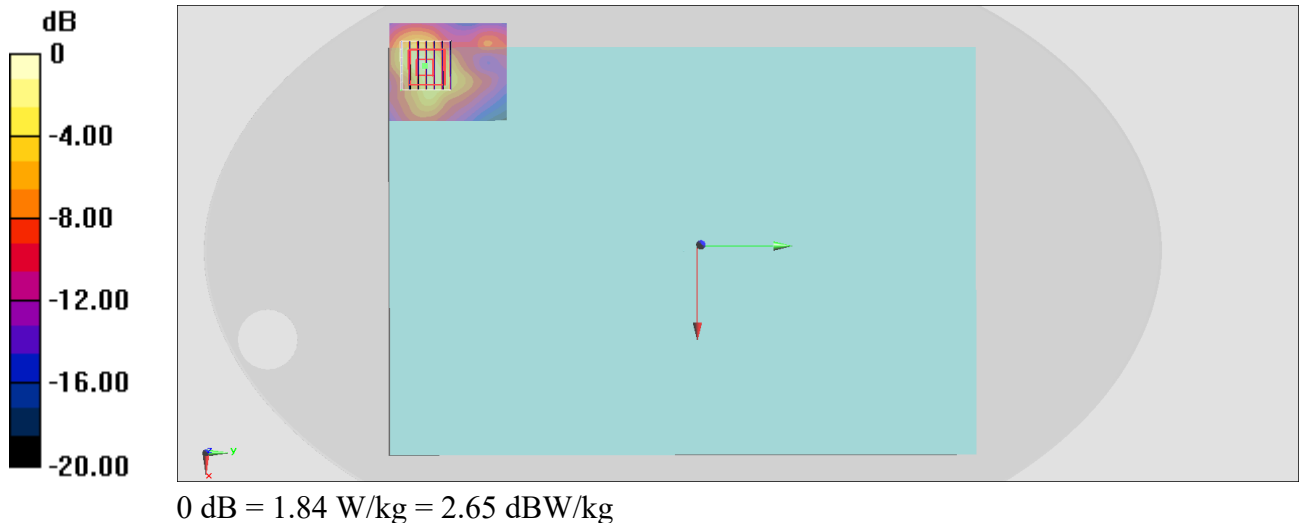
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.16 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.430 W/kg**

Maximum value of SAR (measured) = 1.84 W/kg



**#11\_LTE Band 66\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch132572**

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

Medium: HSL\_1750\_200608 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.37$  S/m;  $\epsilon_r = 40.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51) @ 1770 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x51x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

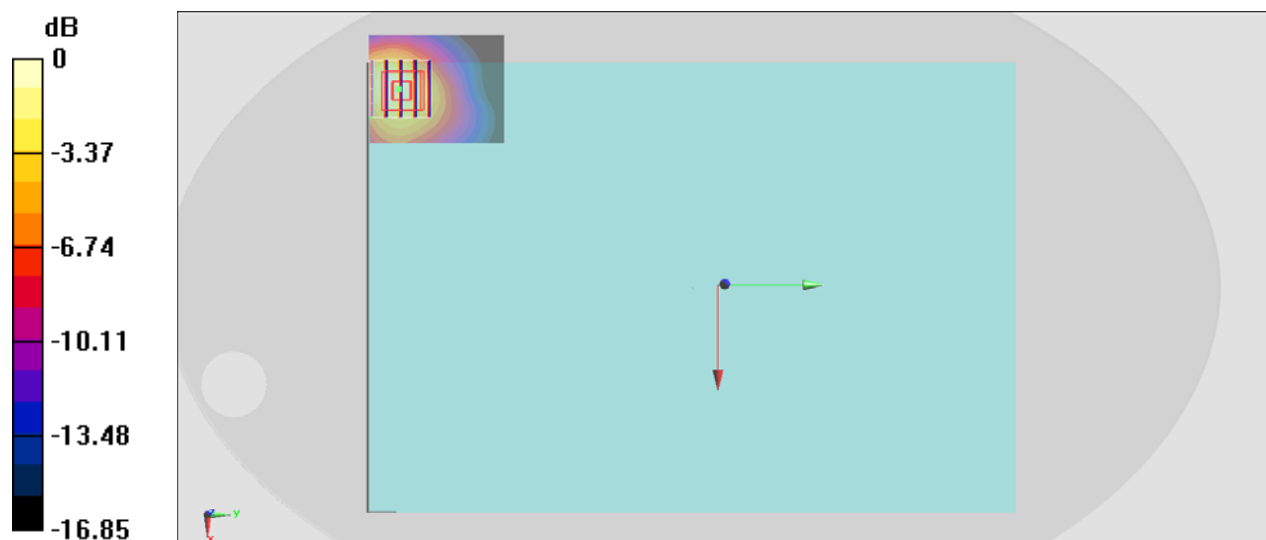
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 30.33 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.573 W/kg**

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



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

**#12\_LTE Band 41\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch39750**

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_200609 Medium parameters used :  $f = 2506$  MHz;  $\sigma = 1.895$  S/m;  $\epsilon_r = 38.353$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3) @ 2506 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/5/6
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

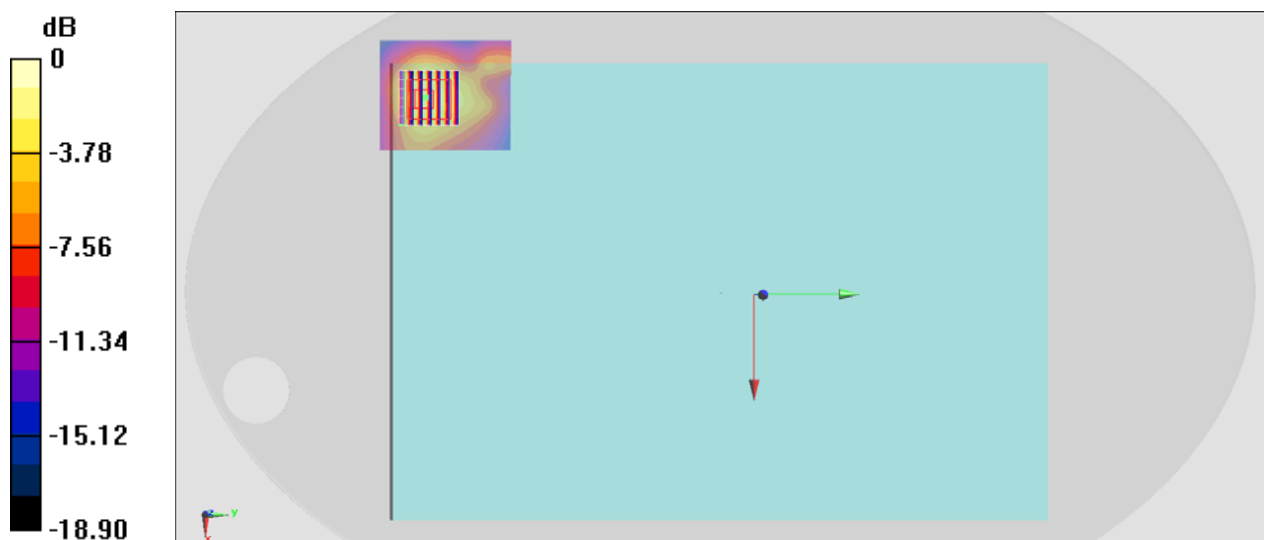
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.05 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.32 W/kg

**SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.388 W/kg**

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg