

**#01\_WCDMA II\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_211208 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.43$  S/m;  $\epsilon_r = 40.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14) @ 1907.6 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 0.901 W/kg

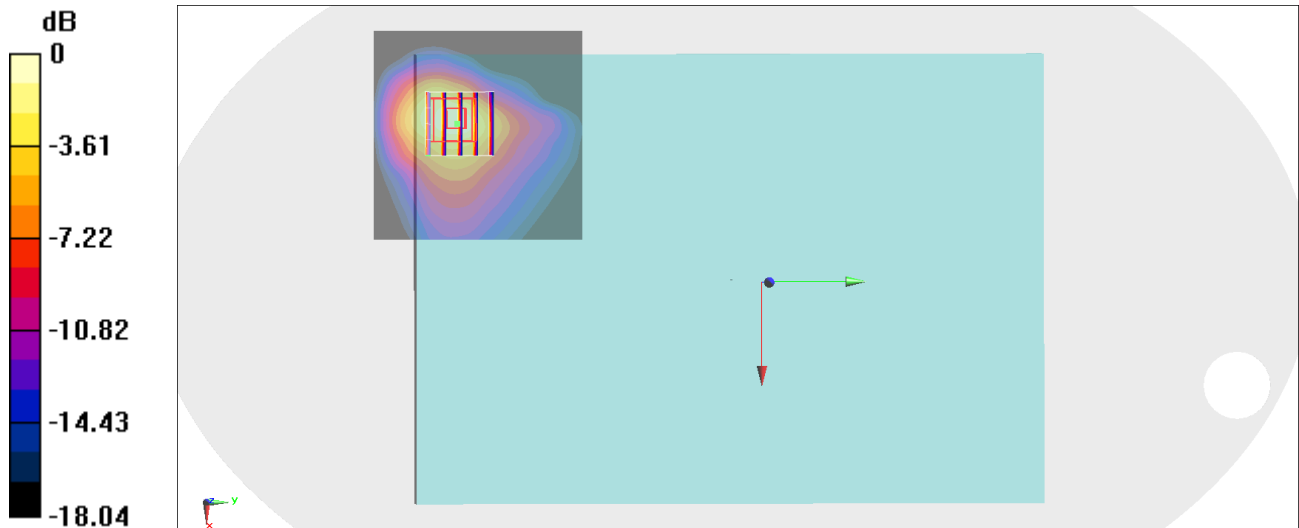
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.91 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 0.868 W/kg



0 dB = 0.868 W/kg = -0.61 dBW/kg

**#02\_WCDMA IV\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch1513**

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

Medium: HSL\_1750\_211208 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.401$  S/m;  $\epsilon_r = 40.429$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.36, 5.36, 5.36) @ 1752.6 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.05 W/kg

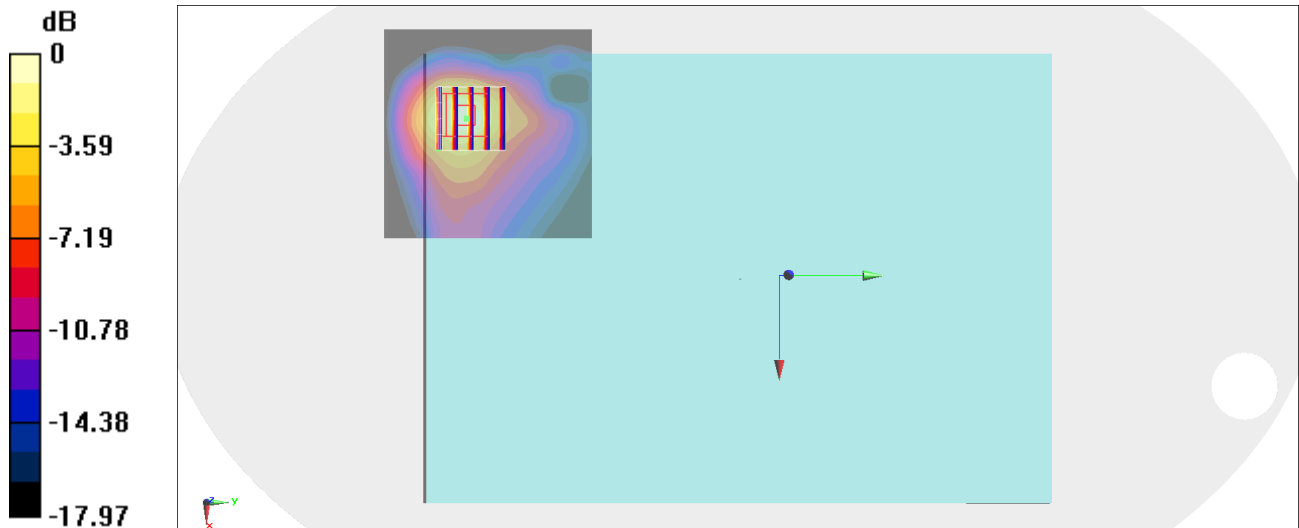
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.75 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.423 W/kg**

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

### #03\_WCDMA V\_RMC 12.2Kbps\_Bottom of Laptop\_0mm\_Ch4182

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

Medium: HSL\_850\_211205 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 42.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.26, 6.26, 6.26) @ 836.4 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 0.822 W/kg

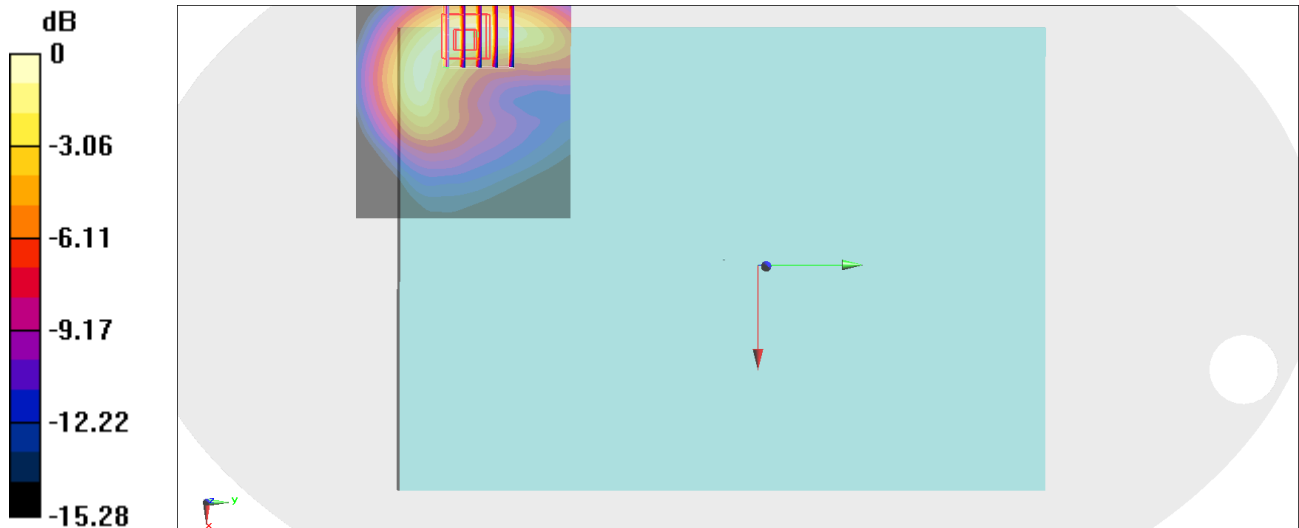
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.09 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.420 W/kg**

Maximum value of SAR (measured) = 0.871 W/kg



0 dB = 0.871 W/kg = -0.60 dBW/kg

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

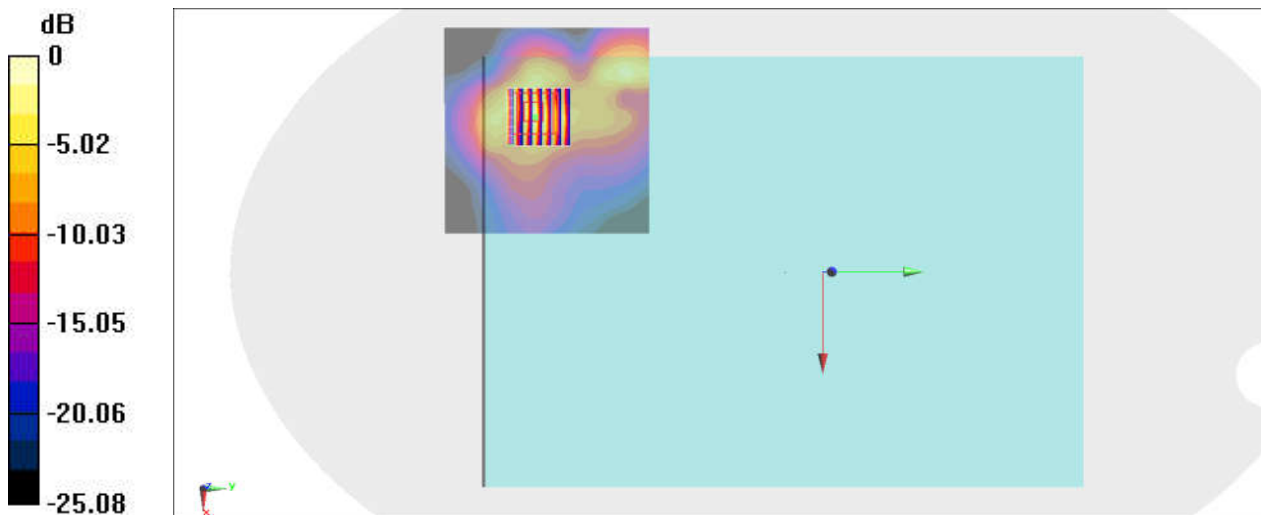
Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_211206 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.856$  S/m;  $\epsilon_r = 38.823$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.29, 4.29, 4.29) @ 2510 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.25 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 15.10 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 2.52 W/kg  
**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.388 W/kg**  
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 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\_211205 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 43.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 707.5 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.06 W/kg

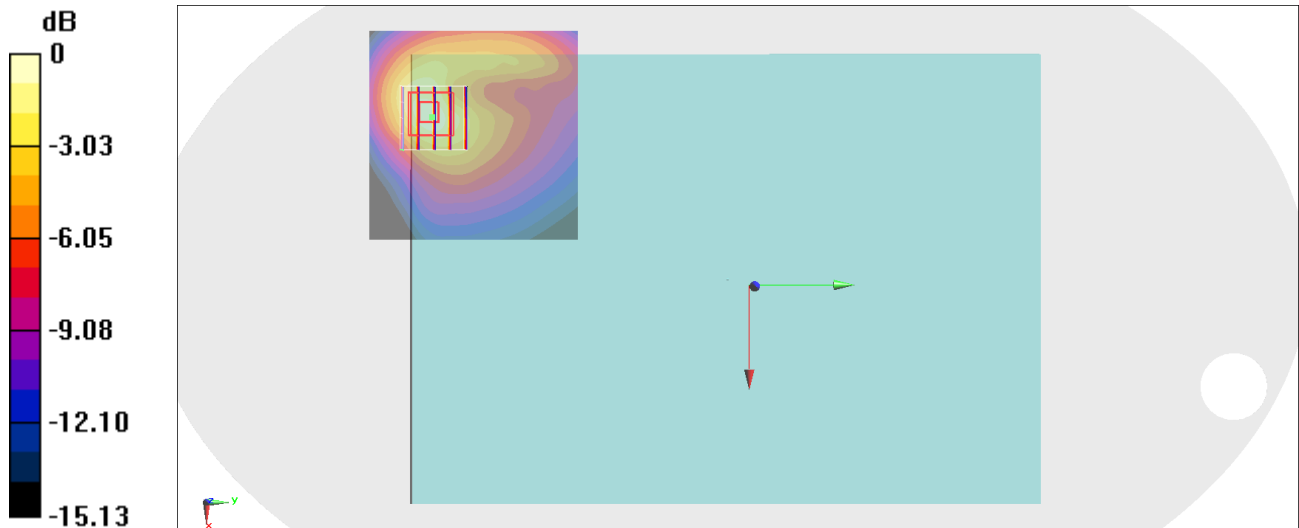
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.20 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.484 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 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\_211205 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 42.759$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.54, 6.54, 6.54) @ 782 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.12 W/kg

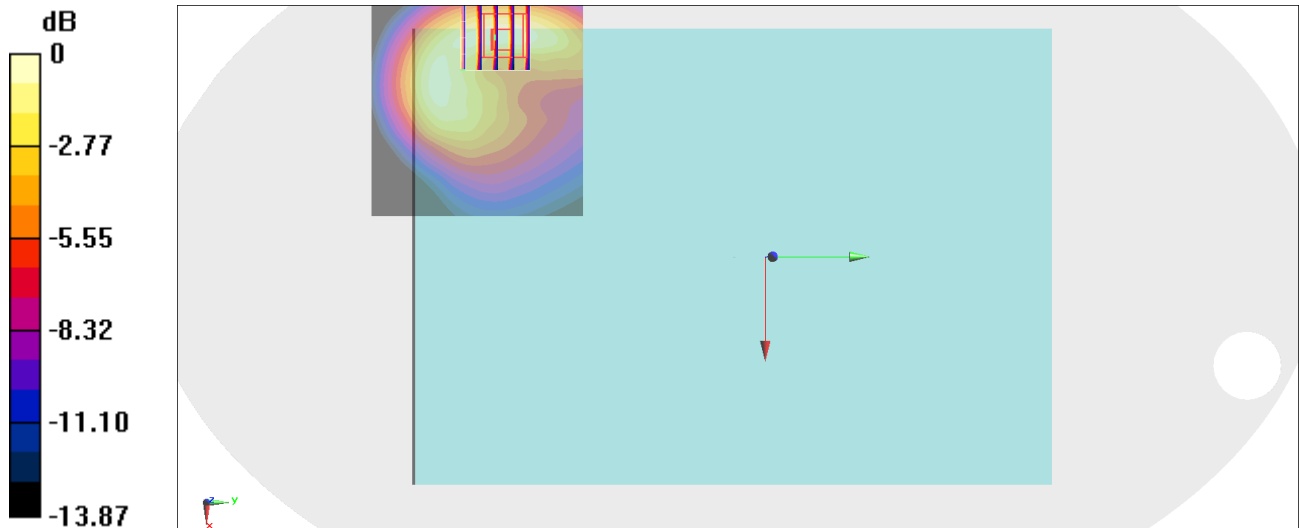
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.33 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.556 W/kg**

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



0 dB = 1.14 W/kg = 0.57 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\_211205 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 42.711$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 793 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.27 W/kg

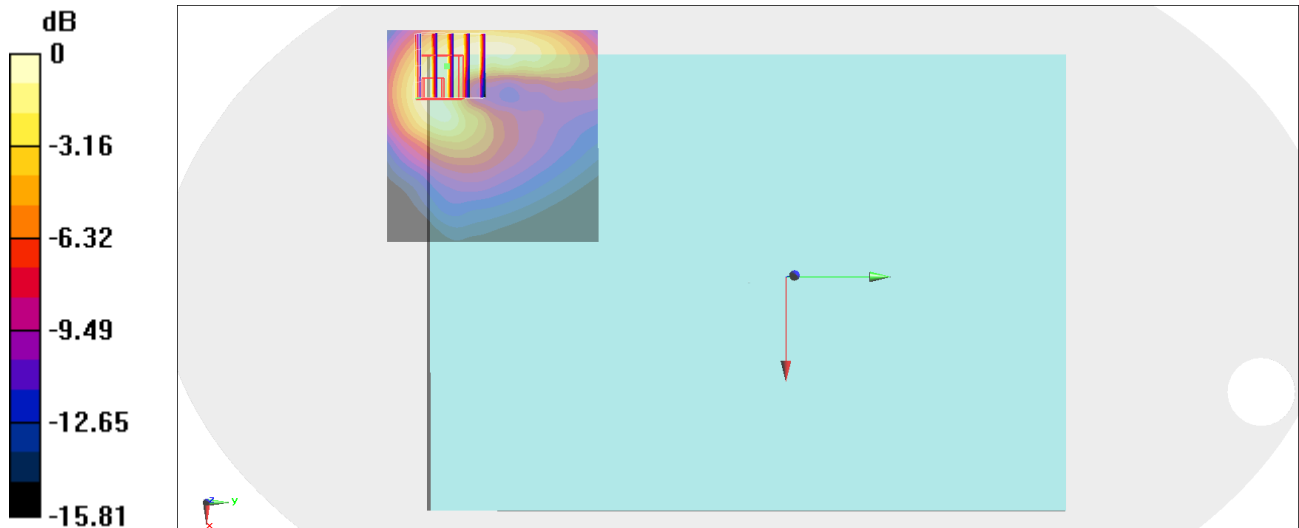
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.45 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.604 W/kg**

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



0 dB = 1.36 W/kg = 1.34 dBW/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\_211208 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 40.235$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14) @ 1905 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 0.869 W/kg

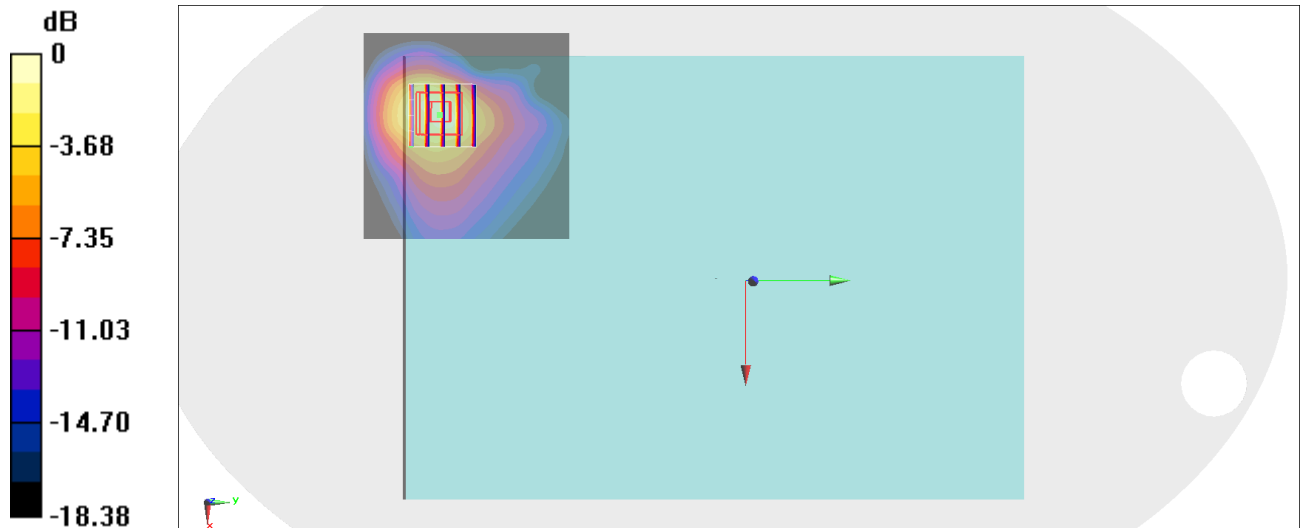
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.72 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.372 W/kg**

Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.971 W/kg = -0.13 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\_211205 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 42.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.26, 6.26, 6.26) @ 831.5 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 0.985 W/kg

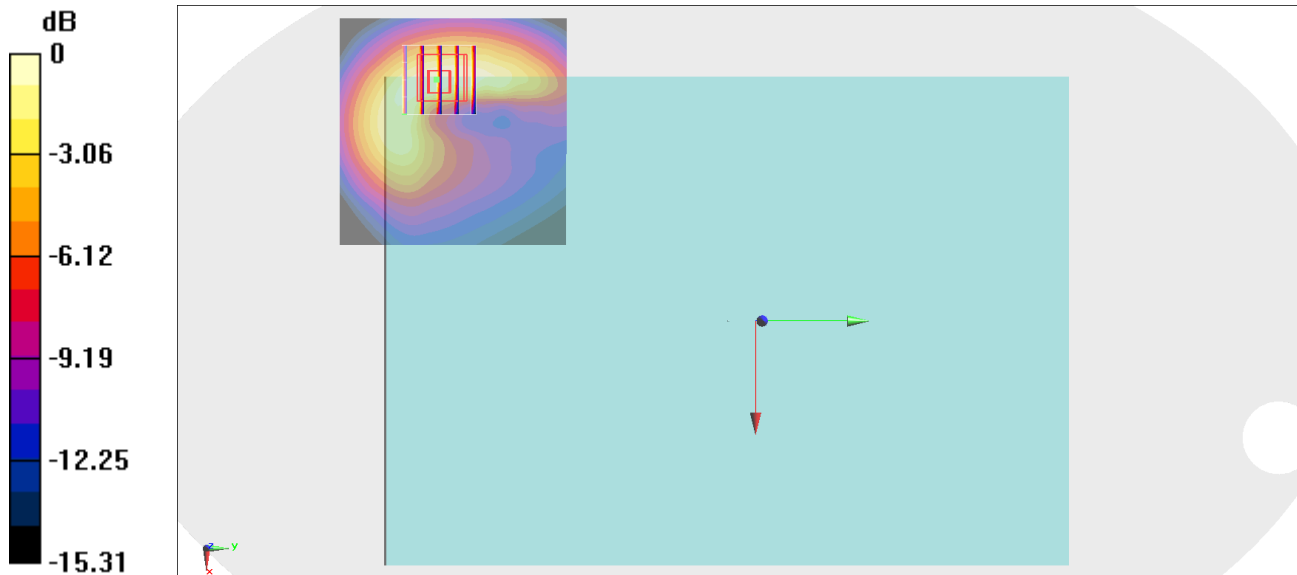
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.95 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.468 W/kg**

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

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

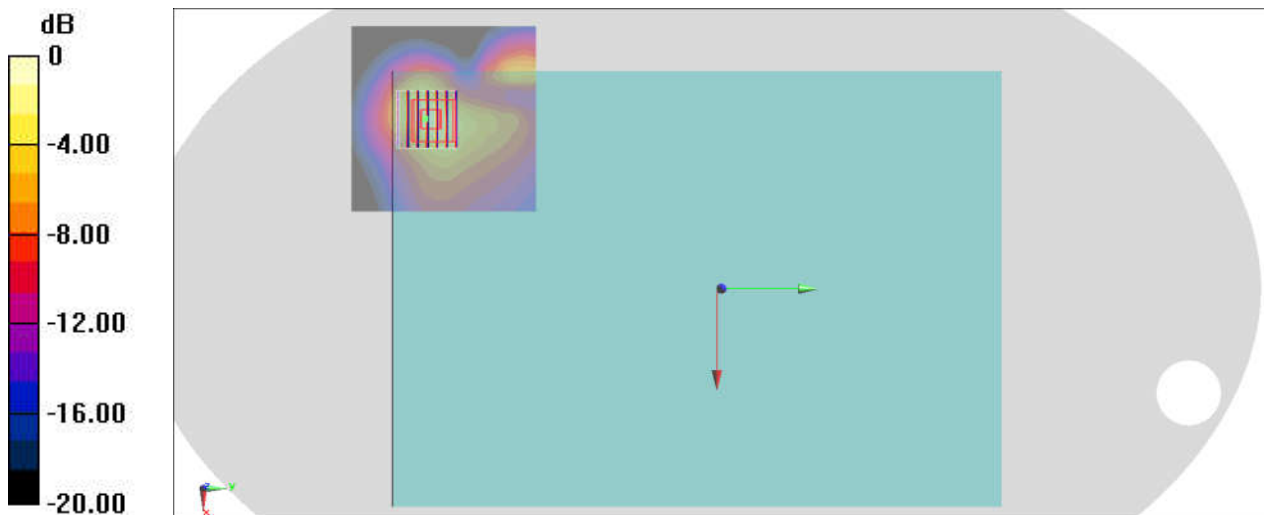
Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300\_211206 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.64$  S/m;  $\epsilon_r = 39.385$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72) @ 2310 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.828 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 10.87 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 1.34 W/kg  
**SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.300 W/kg**  
Maximum value of SAR (measured) = 0.868 W/kg



0 dB = 0.868 W/kg = -0.61 dBW/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\_211208 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 40.337$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.36, 5.36, 5.36) @ 1770 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.13 W/kg

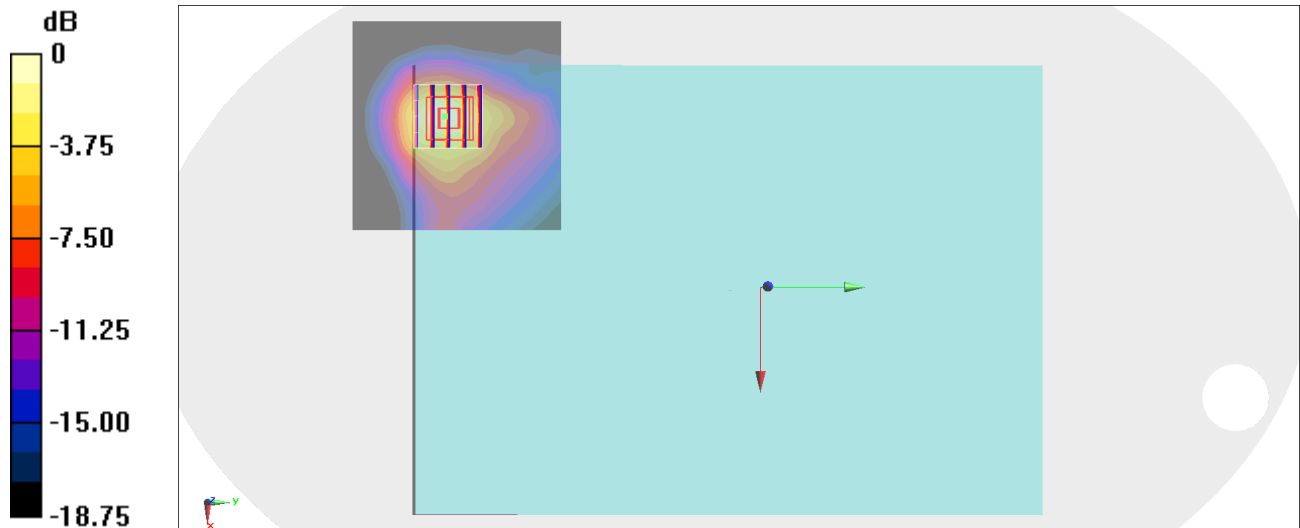
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.75 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.452 W/kg**

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

## #12\_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\_211205 Medium parameters used:  $f = 683 \text{ MHz}$ ;  $\sigma = 0.864 \text{ S/m}$ ;  $\epsilon_r = 43.453$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 683 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.919 \text{ W/kg}$

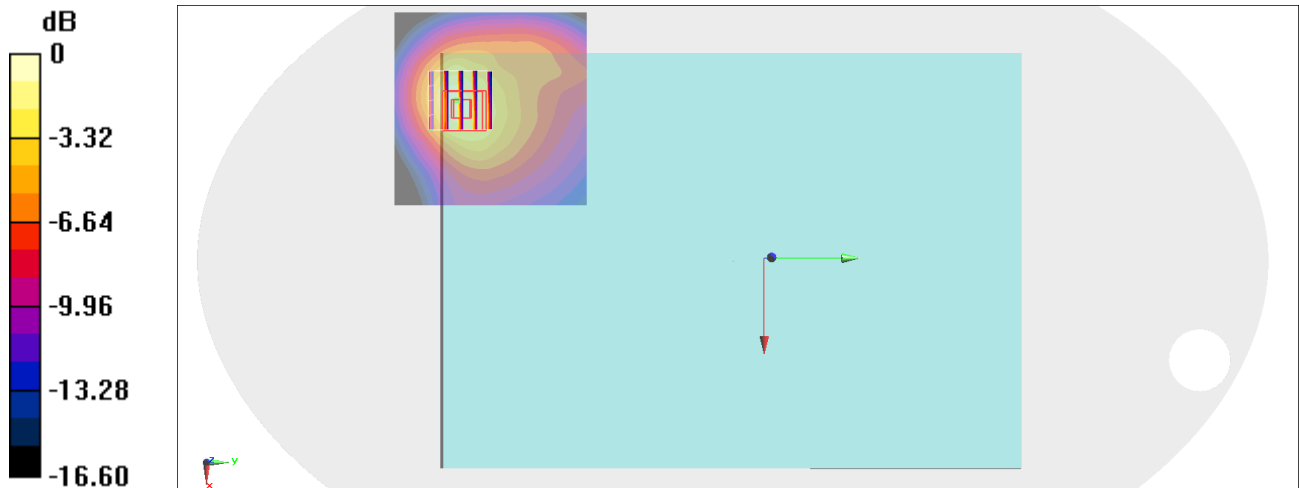
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $35.00 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.22 \text{ W/kg}$

**SAR(1 g) =  $0.650 \text{ W/kg}$ ; SAR(10 g) =  $0.366 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.969 \text{ W/kg}$



0 dB =  $0.969 \text{ W/kg}$  =  $-0.14 \text{ dBW/kg}$

**#13\_LTE Band 38\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch38000**

Communication System: LTE; Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_220105 Medium parameters used :  $f = 2595$  MHz;  $\sigma = 1.962$  S/m;  $\epsilon_r = 37.766$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2595 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.957 W/kg

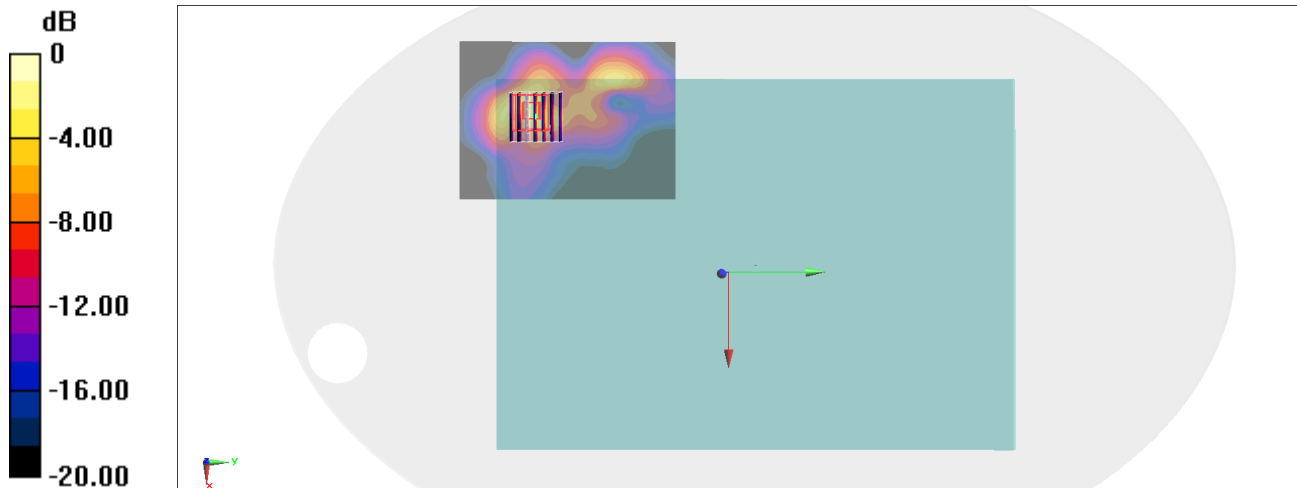
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.22 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.291 W/kg**

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

**#14\_LTE Band 41\_HPUE\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch40620**

Communication System: LTE; Frequency: 2593 MHz; Duty Cycle: 1:2.33

Medium: HSL\_2600\_220105 Medium parameters used :  $f = 2593$  MHz;  $\sigma = 1.954$  S/m;  $\epsilon_r = 37.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2593 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.944 W/kg

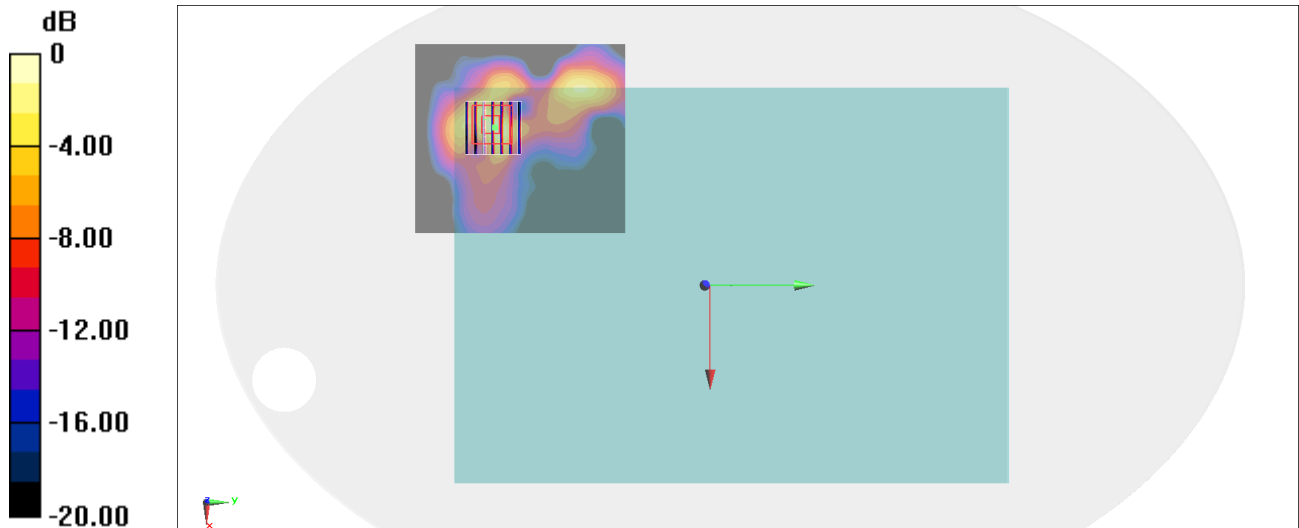
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.38 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.297 W/kg**

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

**#15\_LTE Band 48\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch55340**

Communication System: LTE; Frequency: 3560 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3300~4200\_220108 Medium parameters used:  $f = 3560$  MHz;  $\sigma = 2.926$  S/m;  $\epsilon_r = 36.464$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3578; ConvF(7.06, 7.06, 7.06) @ 3560 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.570 W/kg

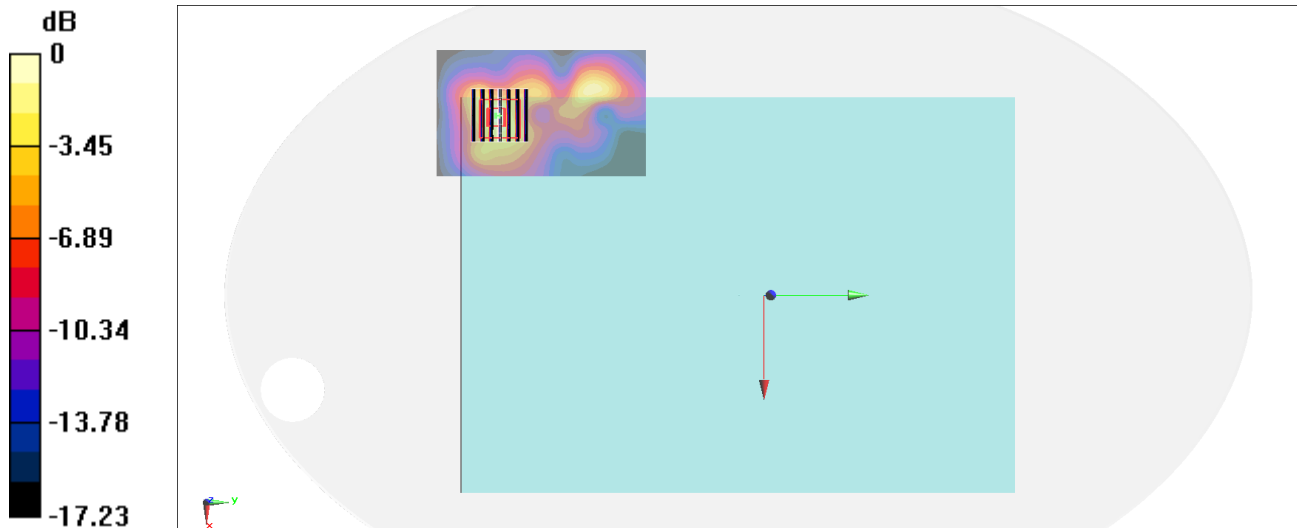
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 14.72 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.962 W/kg

**SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.119 W/kg**

Maximum value of SAR (measured) = 0.636 W/kg



0 dB = 0.636 W/kg = -1.97 dBW/kg

## #16\_FR1 n5\_20M\_BPSK\_1\_53\_Bottom of Laptop\_0mm\_Ch167300

Communication System:FR1; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_211205 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 42.838$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.26, 6.26, 6.26) @ 836.5 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.05 W/kg

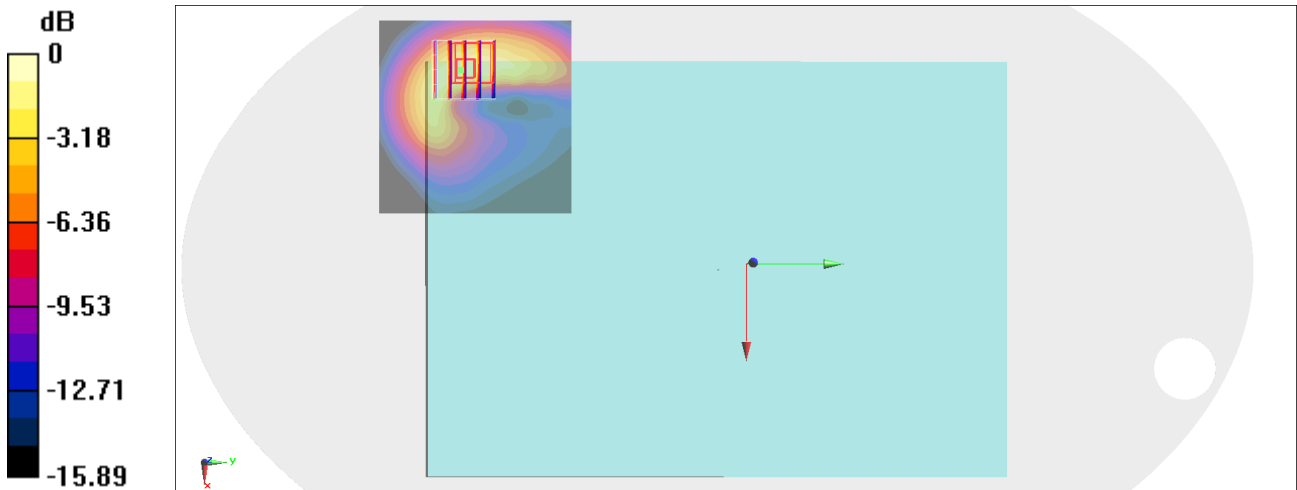
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.00 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.612 W/kg**

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



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



### #17\_FR1 n7\_20M\_BPSK\_50\_28\_Bottom of Laptop\_0mm\_Ch502000

Communication System:FR1; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: HSL\_2600\_211206 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.856$  S/m;  $\epsilon_r = 38.823$ ;

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

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.29, 4.29, 4.29) @ 2510 MHz; Calibrated: 2021/5/28

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16

- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055

- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

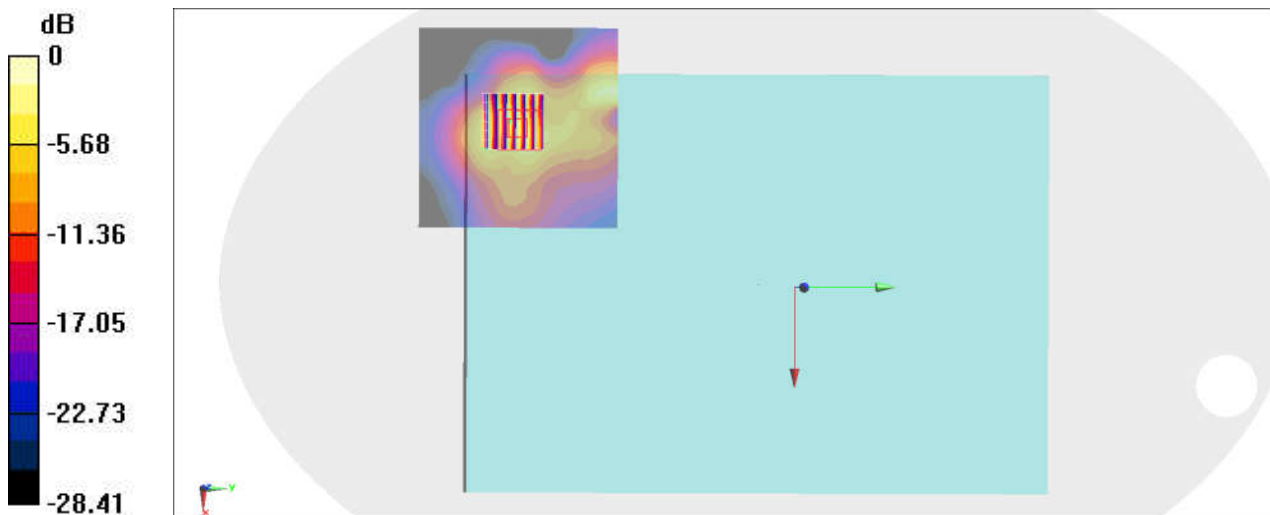
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.64 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.69 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.420 W/kg**

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



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

**#18\_FR1\_n25\_20M\_BPSK\_50\_28\_Bottom of Laptop\_0mm\_Ch381000**

Communication System:FR1; Frequency: 1905 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_211208 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 40.235$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14) @ 1905 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.13 W/kg

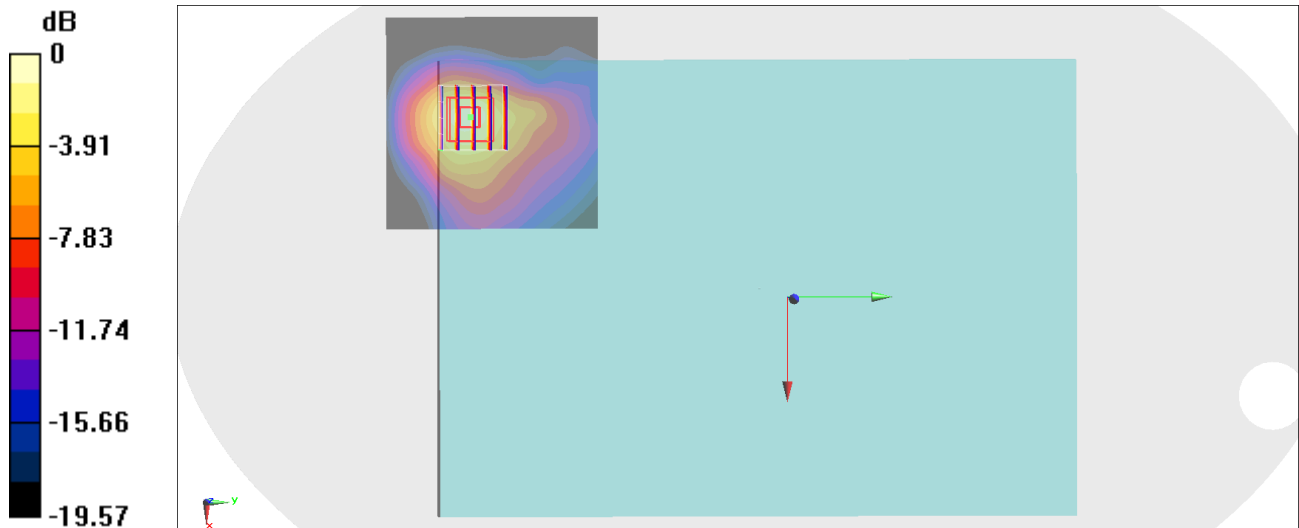
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.09 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.456 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

### #19\_FR1 n30\_10M\_BPSK\_25\_14\_Bottom of Laptop\_0mm\_Ch462000

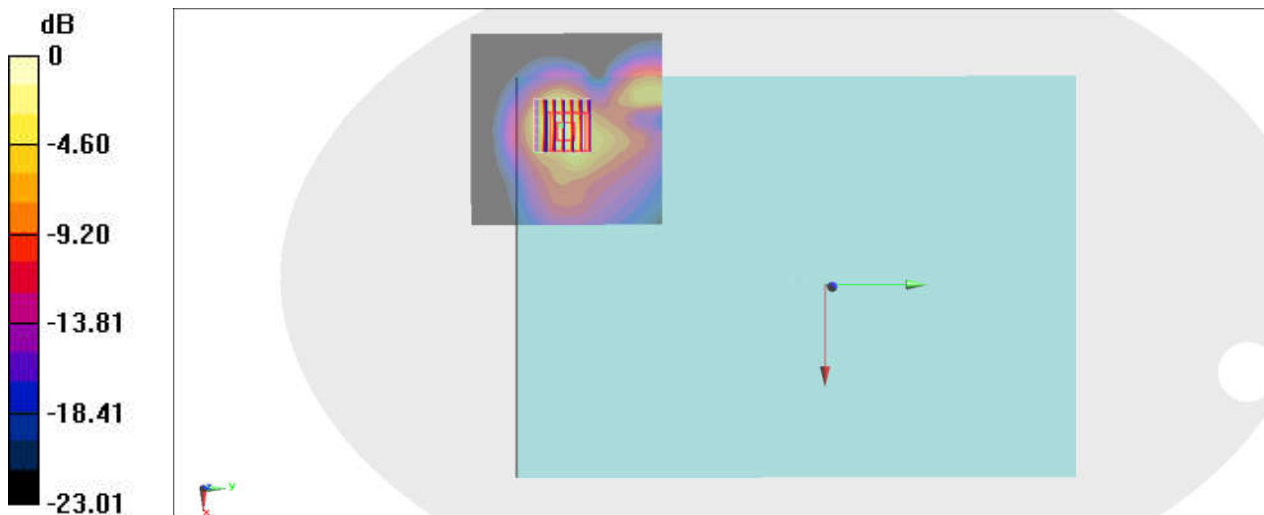
Communication System:FR1; Frequency: 2310 MHz;Duty Cycle: 1:1  
Medium: HSL\_2300\_211206 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.64$  S/m;  $\epsilon_r = 39.385$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72) @ 2310 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.14 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 20.82 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 2.16 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.431 W/kg**  
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

**#20\_FR1\_n38\_20M\_BPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch519000**

Communication System:FR1; Frequency: 2595 MHz;Duty Cycle: 1:1

Medium: HSL\_2600\_220105 Medium parameters used :  $f = 2595$  MHz;  $\sigma = 1.962$  S/m;  $\epsilon_r = 37.766$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2595 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

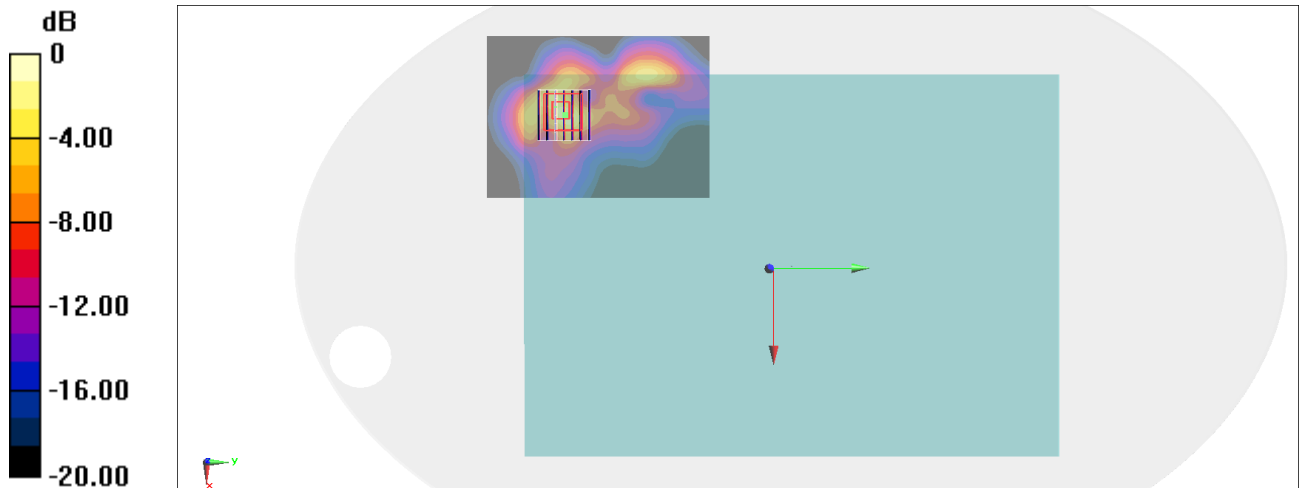
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.20 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.337 W/kg**

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

## #21\_FR1 n41\_100M\_BPSK\_1\_108\_Bottom of Laptop\_0mm\_Ch581598

Communication System:FR1; Frequency: 2592.99 MHz;Duty Cycle: 1:1

Medium: HSL\_2600\_220109 Medium parameters used :  $f = 2592.99$  MHz;  $\sigma = 1.971$  S/m;  $\epsilon_r = 38.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2592.99 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1191
- 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) = 1.60 W/kg

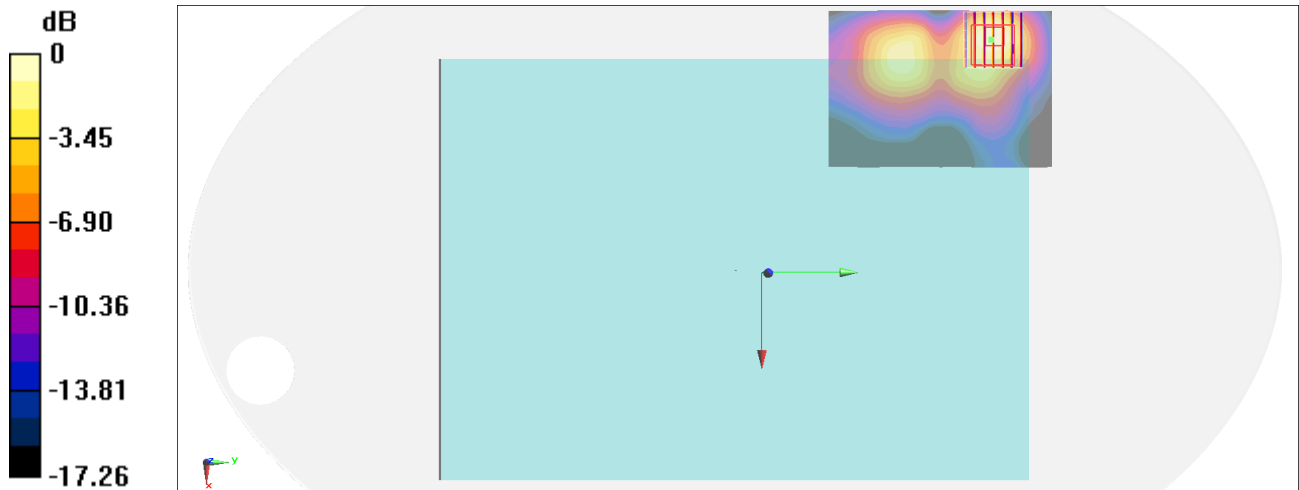
**Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.67 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.431 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

## #22\_FR1 n66\_40M\_BPSK\_1\_108\_Bottom of Laptop\_0mm\_Ch349000

Communication System:FR1; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL\_1750\_211208 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.393$  S/m;  $\epsilon_r = 40.54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.36, 5.36, 5.36) @ 1745 MHz; Calibrated: 2021/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.22 W/kg

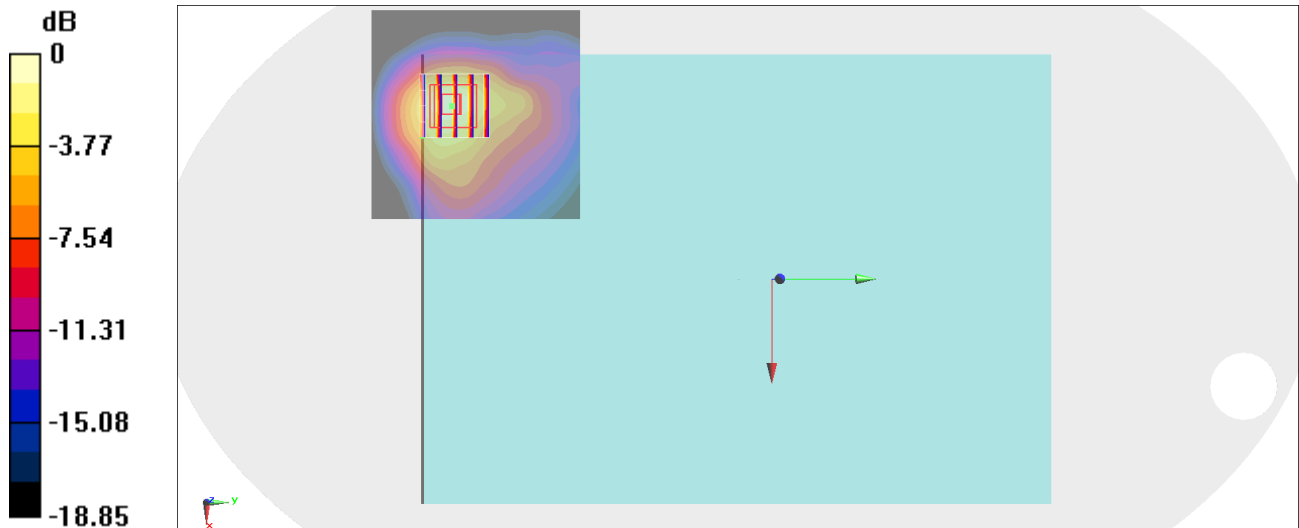
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.86 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.527 W/kg**

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



0 dB = 1.29 W/kg = 1.11 dBW/kg

**#23\_FR1\_n71\_20M\_BPSK\_50\_28\_Bottom of Laptop\_0mm\_Ch136100**

Communication System:FR1; Frequency: 680.5 MHz;Duty Cycle: 1:1

Medium: HSL\_750\_211205 Medium parameters used :  $f = 680.5$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 43.191$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 680.5 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 AA; Serial: 2055
- 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) = 1.53 W/kg

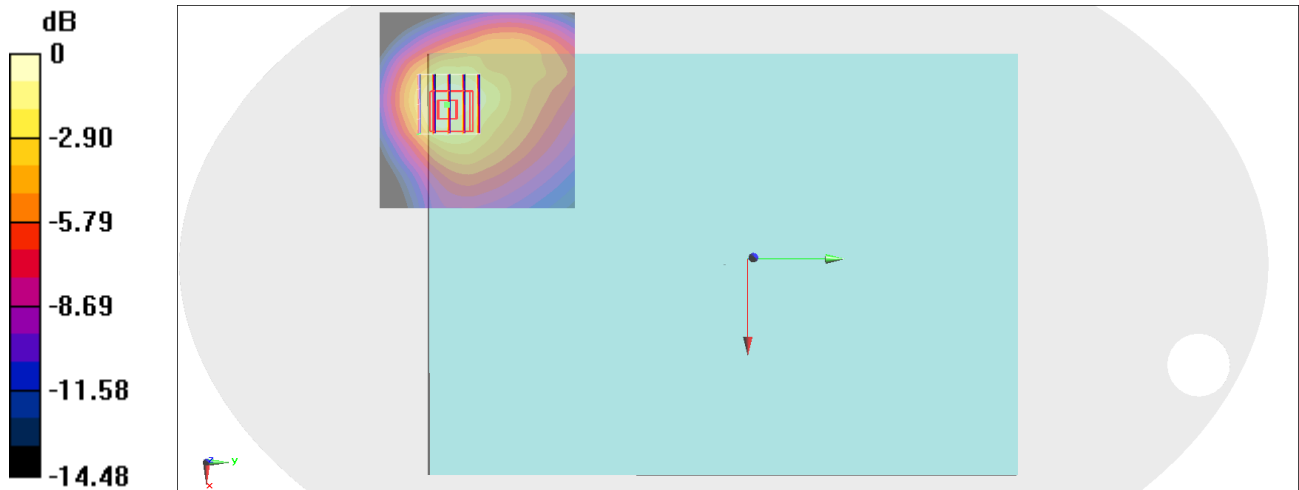
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.34 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.646 W/kg**

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



0 dB = 1.52 W/kg = 1.82 dBW/kg

## #24\_FR1 n77\_100M\_BPSK\_1\_137\_Bottom of Laptop\_0mm\_Ch656000

Communication System:FR1; Frequency: 3840 MHz;Duty Cycle: 1:1

Medium: HSL\_3300~4200\_220108 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.125$  S/m;  $\epsilon_r = 36.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.81, 6.81, 6.81) @ 3840 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- 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) = 1.82 W/kg

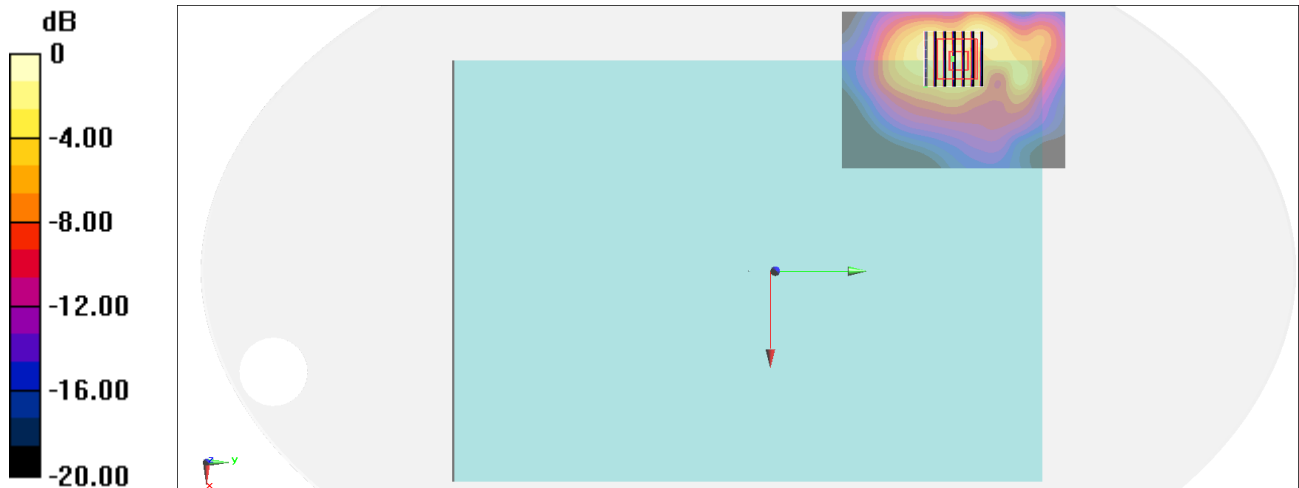
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 23.63 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.95 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.443 W/kg**

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



0 dB = 2.09 W/kg = 3.20 dBW/kg