

## #01\_LTE Band 2\_20M\_QPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch19100

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200922 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 39.981$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.75, 7.75, 7.75) @ 1900 MHz; Calibrated: 2020/4/29
- 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 (51x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.812 W/kg

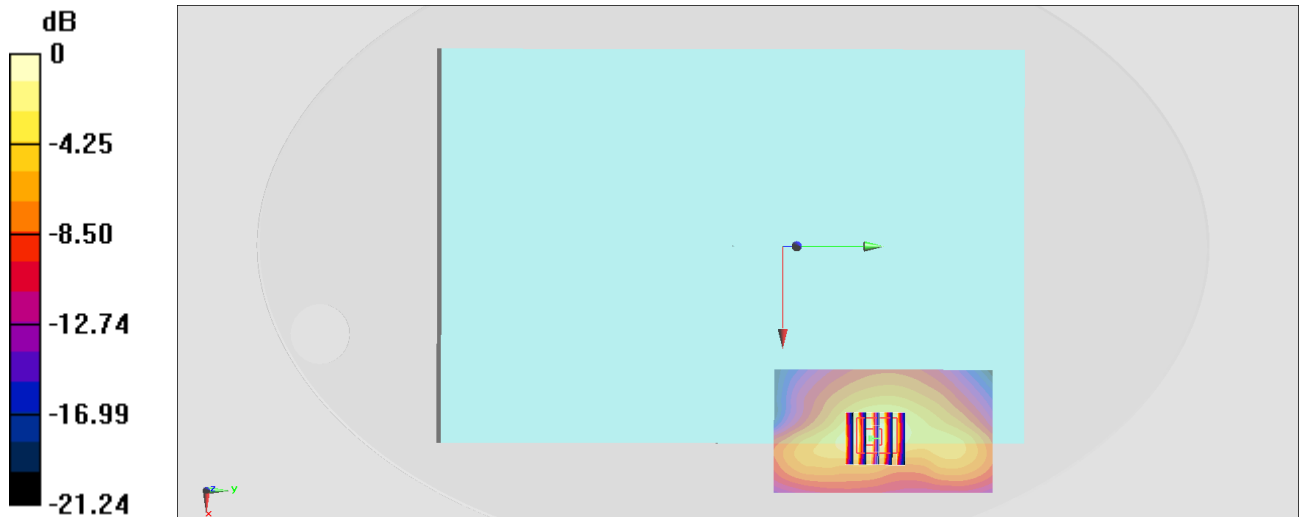
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.69 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.908 W/kg

**SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.798 W/kg



0 dB = 0.812 W/kg = -0.90 dBW/kg

## #02\_LTE Band 7\_20M\_QPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch21350

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

Medium: HSL\_2600\_200922 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.892$  S/m;  $\epsilon_r = 38.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(6.95, 6.95, 6.95) @ 2560 MHz; Calibrated: 2020/4/29
- 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 (61x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.853 W/kg

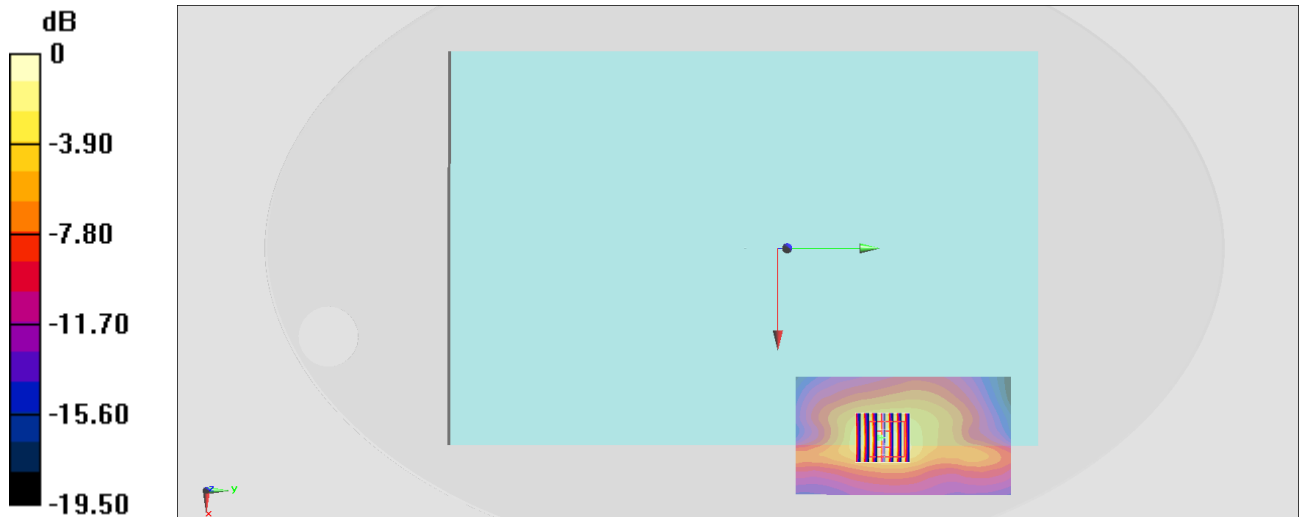
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.00 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 0.888 W/kg



0 dB = 0.853 W/kg = -0.69 dBW/kg

**#03\_LTE Band 66\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch132322**

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

Medium: HSL\_1750\_200922 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 40.718$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.89, 7.89, 7.89) @ 1745 MHz; Calibrated: 2020/4/29
- 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 (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.785 W/kg

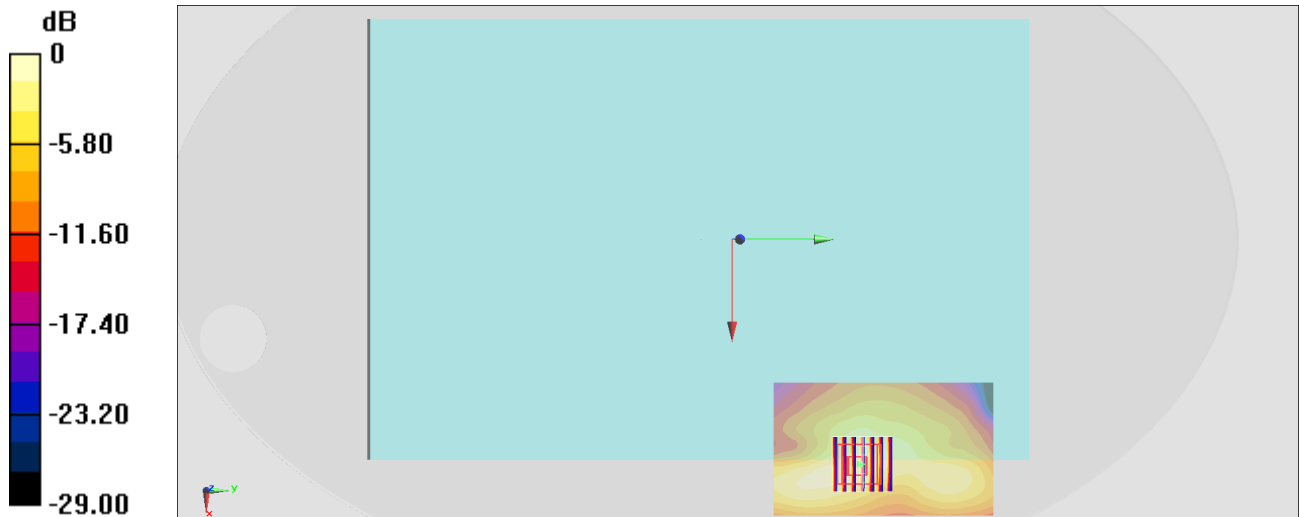
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.59 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.905 W/kg

**SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 0.742 W/kg



**#04\_LTE Band 42\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch43340**

Communication System: LTE; Frequency: 3675 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3700\_200916 Medium parameters used:  $f = 3675$  MHz;  $\sigma = 3.179$  S/m;  $\epsilon_r = 37.995$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(6.45, 6.45, 6.45) @ 3675 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1131
- 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) = 1.08 W/kg

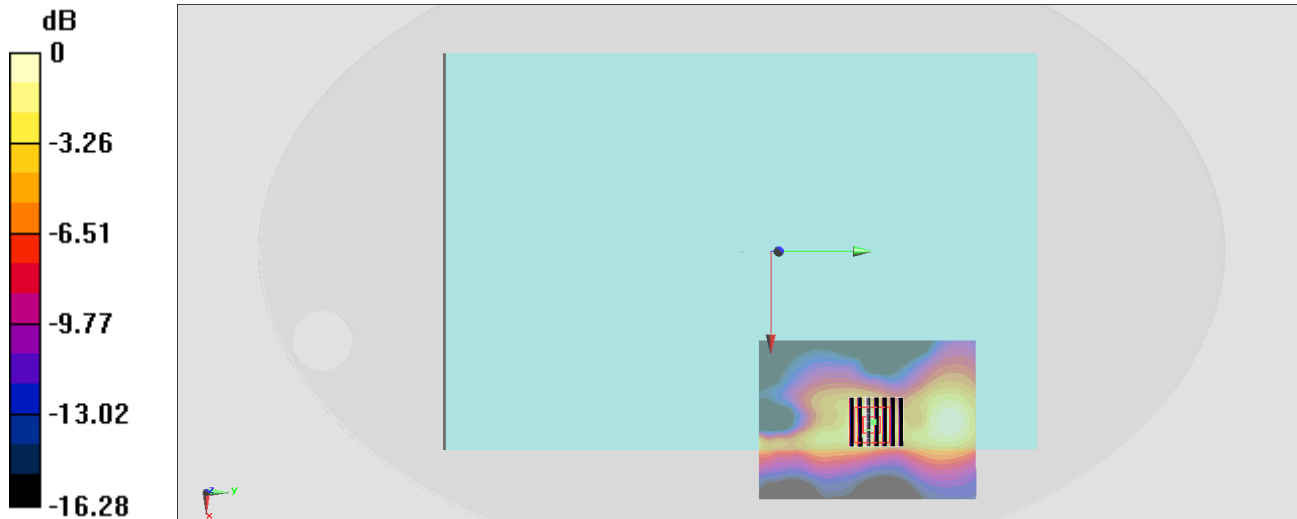
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

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

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.223 W/kg**

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



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

**#05\_LTE Band 48\_20M\_QPSK\_1\_0\_Bottom of Laptop\_0mm\_Ch55830**

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

Medium: HSL\_3700\_200916 Medium parameters used:  $f = 3609$  MHz;  $\sigma = 3.032$  S/m;  $\epsilon_r = 37.288$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(6.45, 6.45, 6.45) @ 3609 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1131
- 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) = 0.594 W/kg

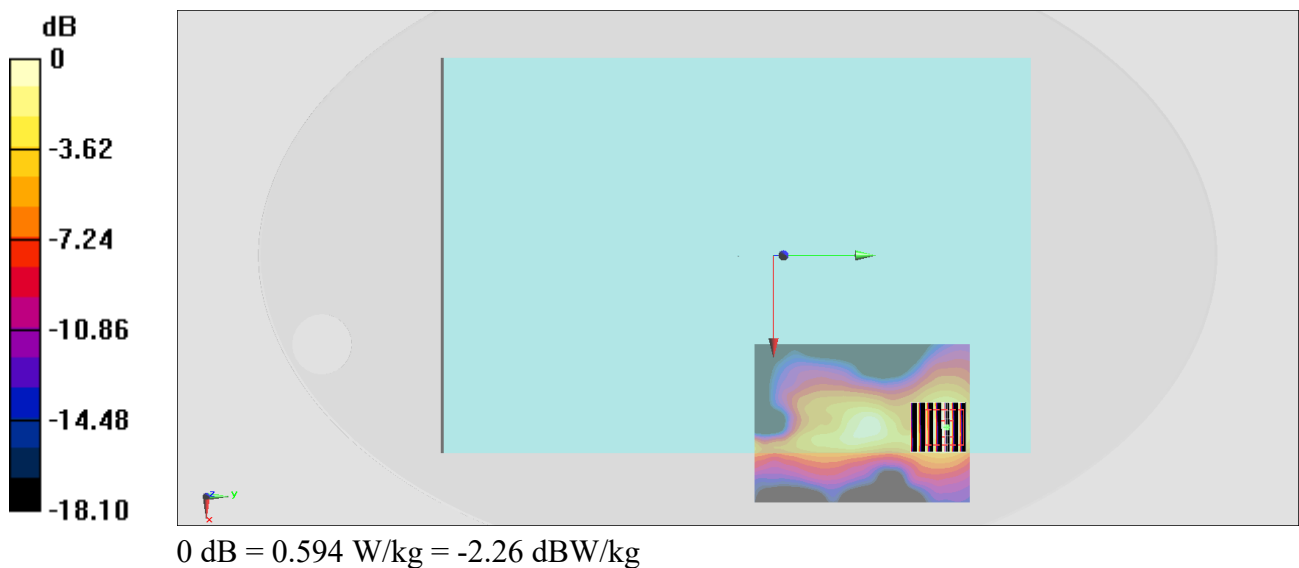
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.846 W/kg

**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.588 W/kg



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

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

Medium: HSL\_1900\_200922 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.368$  S/m;  $\epsilon_r = 40.076$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.75, 7.75, 7.75) @ 1880 MHz; Calibrated: 2020/4/29
- 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 (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.764 W/kg

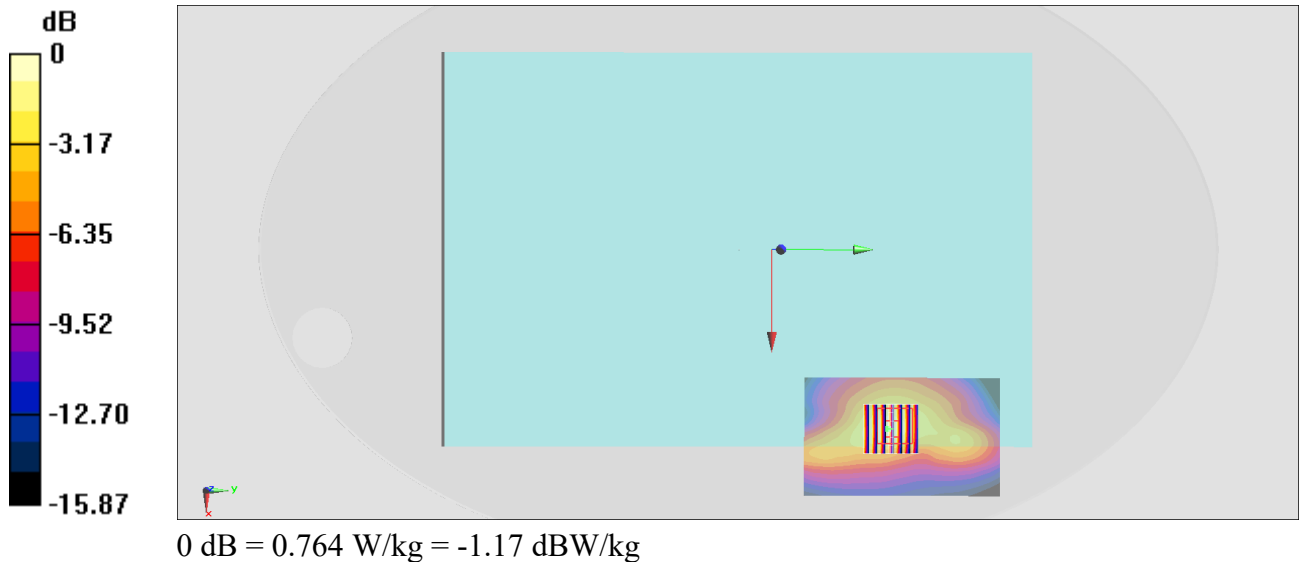
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.61 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.900 W/kg

**SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.755 W/kg



## #07\_FR1 n7\_20M\_BPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch507000

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_200922 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.864$  S/m;  $\epsilon_r = 38.317$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(6.95, 6.95, 6.95) @ 2535 MHz; Calibrated: 2020/4/29
- 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 (61x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.732 W/kg

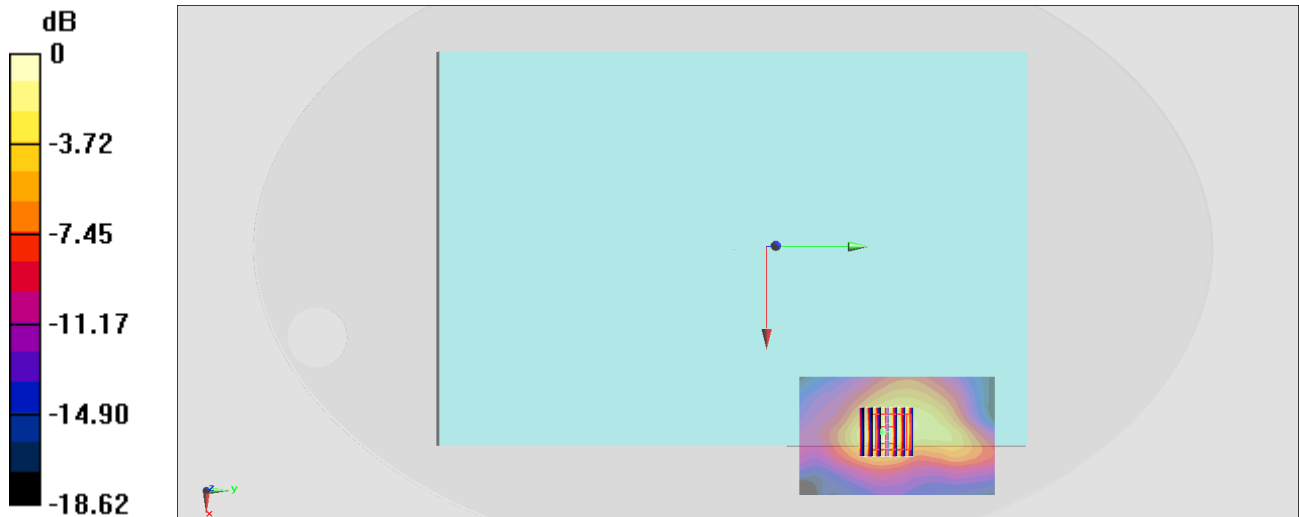
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.61 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.871 W/kg

**SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.732 W/kg = -1.35 dBW/kg

## #08\_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\_200922 Medium parameters used:  $f = 2592.99$  MHz;  $\sigma = 1.93$  S/m;  $\epsilon_r = 38.118$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(6.95, 6.95, 6.95) @ 2592.99 MHz; Calibrated: 2020/4/29
- 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 (61x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.867 W/kg

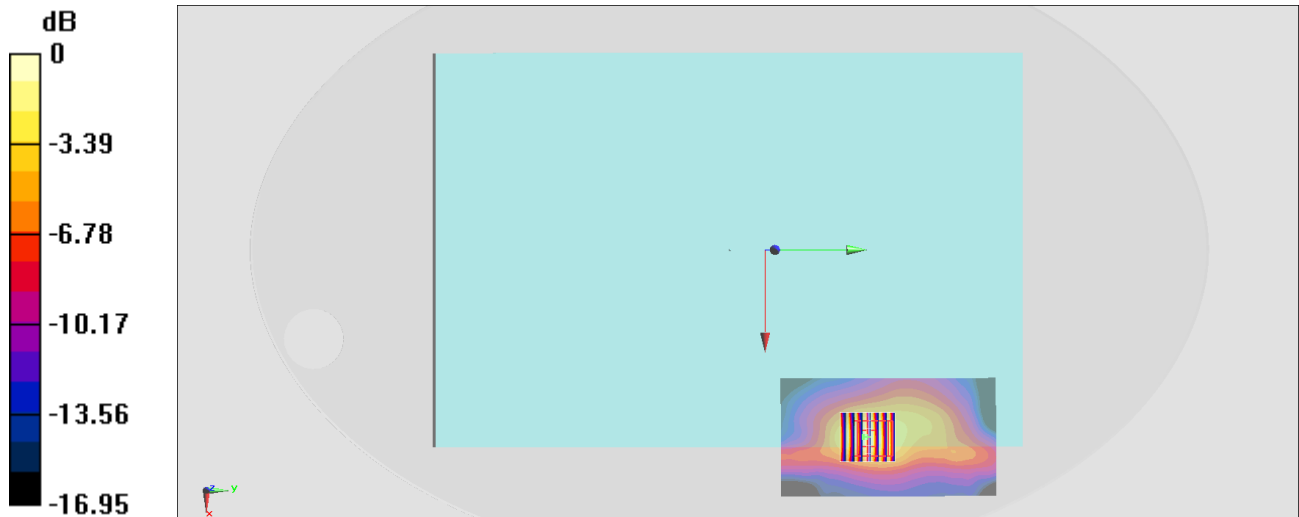
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.42 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.250 W/kg**

Maximum value of SAR (measured) = 0.863 W/kg



0 dB = 0.867 W/kg = -0.62 dBW/kg



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

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

Medium: HSL\_1750\_200922 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 40.718$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.89, 7.89, 7.89) @ 1745 MHz; Calibrated: 2020/4/29
- 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 (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.762 W/kg

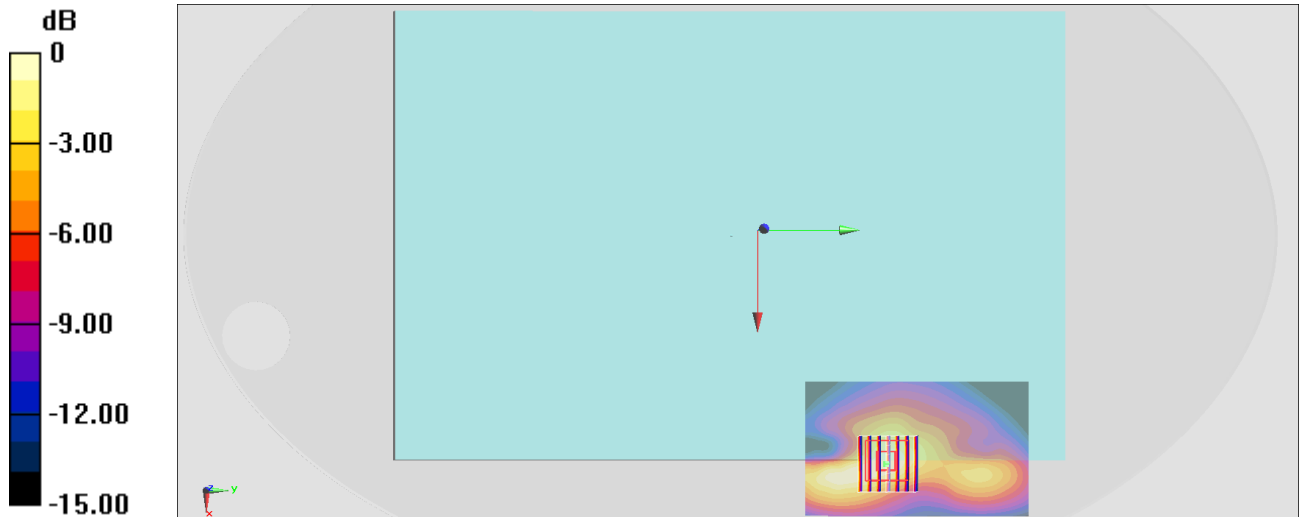
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.35 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.965 W/kg

**SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 0.793 W/kg



0 dB = 0.762 W/kg = -1.18 dBW/kg