

**#01\_LTE Band 2\_20M\_QPSK\_1\_99\_Bottom Face\_0mm\_Ch18700**

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

Medium: HSL\_1900\_200927 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.381$  S/m;  $\epsilon_r = 39.343$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(8.06, 8.06, 8.06) @ 1860 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- 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) = 1.86 W/kg

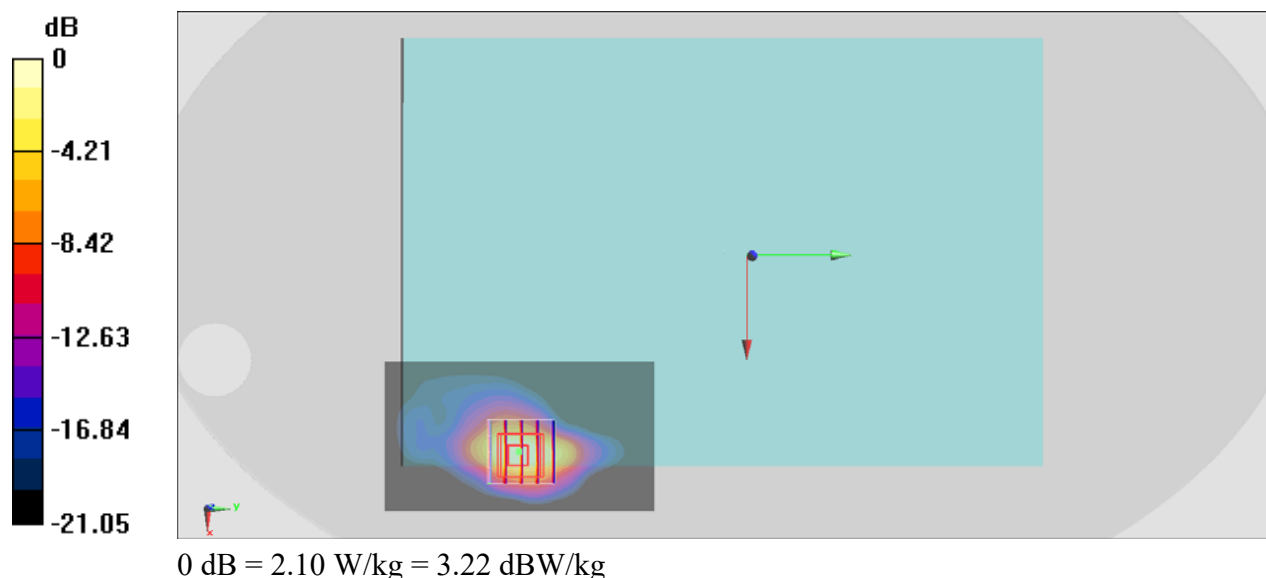
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 22.30 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.98 W/kg; SAR(10 g) = 0.453 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg



**#02\_LTE Band 7\_20M\_QPSK\_1\_49\_Bottom Face\_0mm\_Ch21350**

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

Medium: HSL\_2600\_200928 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.957$  S/m;  $\epsilon_r = 38.602$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(7.34, 7.34, 7.34) @ 2560 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

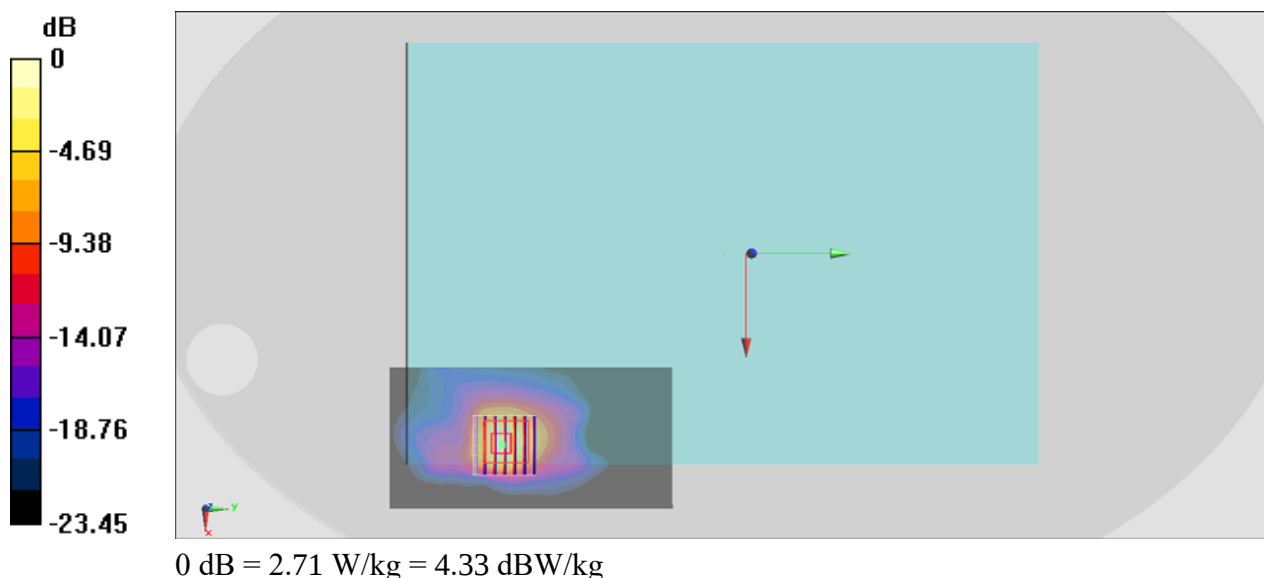
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.26 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.42 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.42 W/kg**

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



**#03\_LTE Band 66\_20M\_QPSK\_50\_50\_Bottom of Laptop\_0mm\_Ch132572**

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

Medium: HSL\_1750\_200929 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 40.302$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(8.35, 8.35, 8.35) @ 1770 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- 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) = 1.50 W/kg

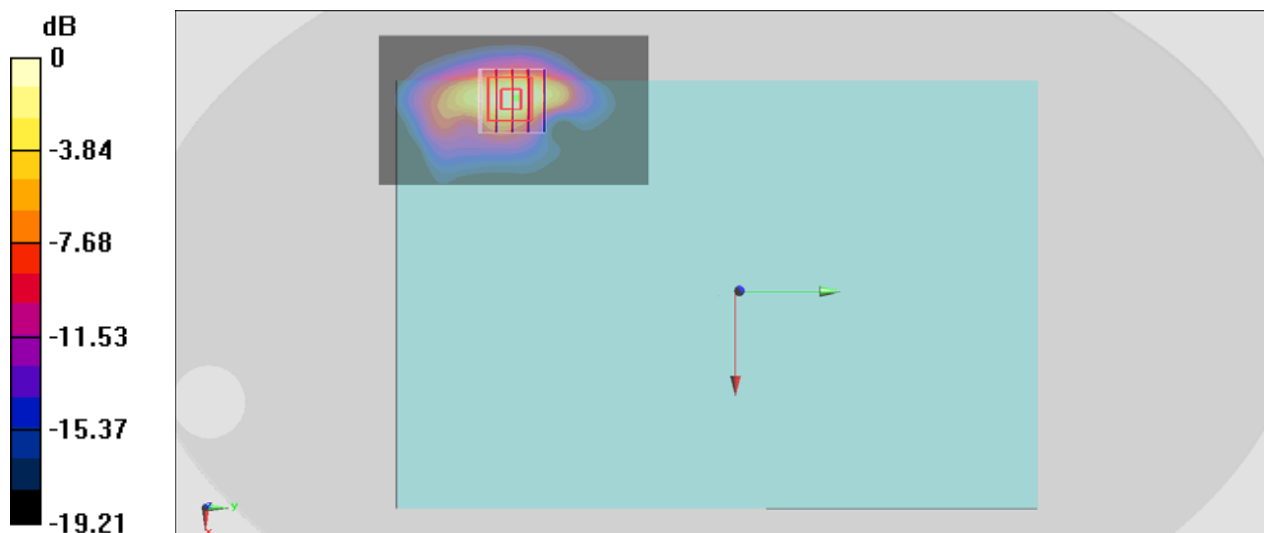
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.16 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.444 W/kg**

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



0 dB = 1.48 W/kg = 1.70 dBW/kg

**#04\_FR1 n2\_20M\_BPSK\_1\_1\_Bottom Face\_0mm\_Ch380000**

Communication System: FR1; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200927 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.415$  S/m;  $\epsilon_r = 39.184$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(8.06, 8.06, 8.06) @ 1900 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- 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) = 2.22 W/kg

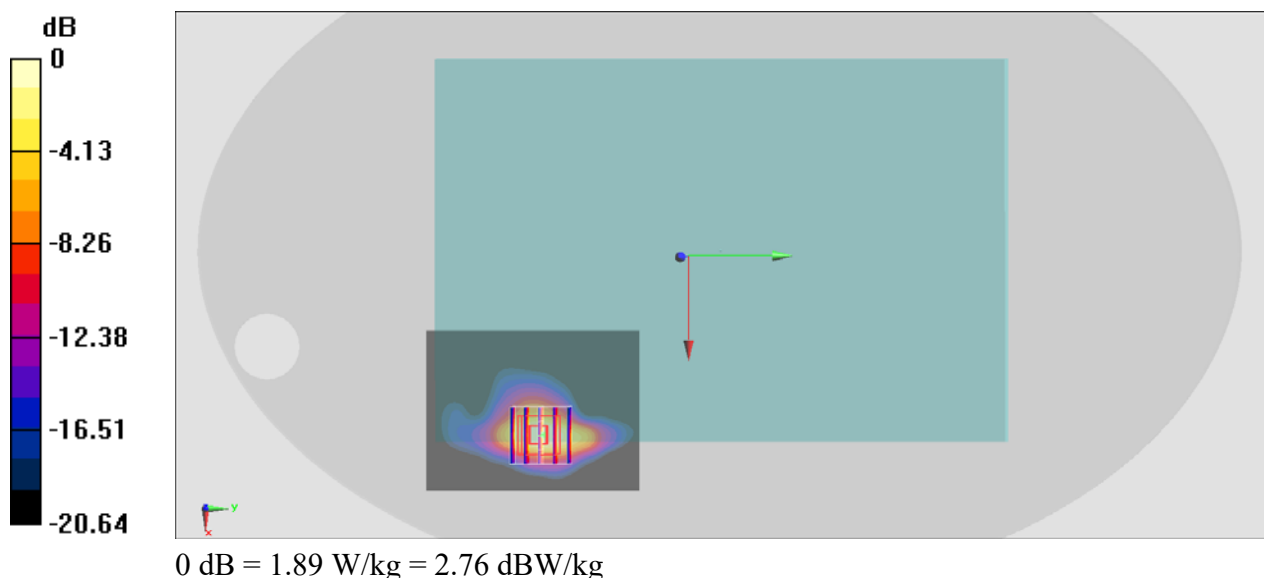
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.46 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.39 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.531 W/kg**

Maximum value of SAR (measured) = 1.89 W/kg



**#05\_FR1 n5\_20M\_BPSK\_50\_0\_Bottom Face\_0mm\_Ch167300**

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

Medium: HSL\_850\_200930 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 42.497$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(9.61, 9.61, 9.61) @ 836.5 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- 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) = 2.22 W/kg

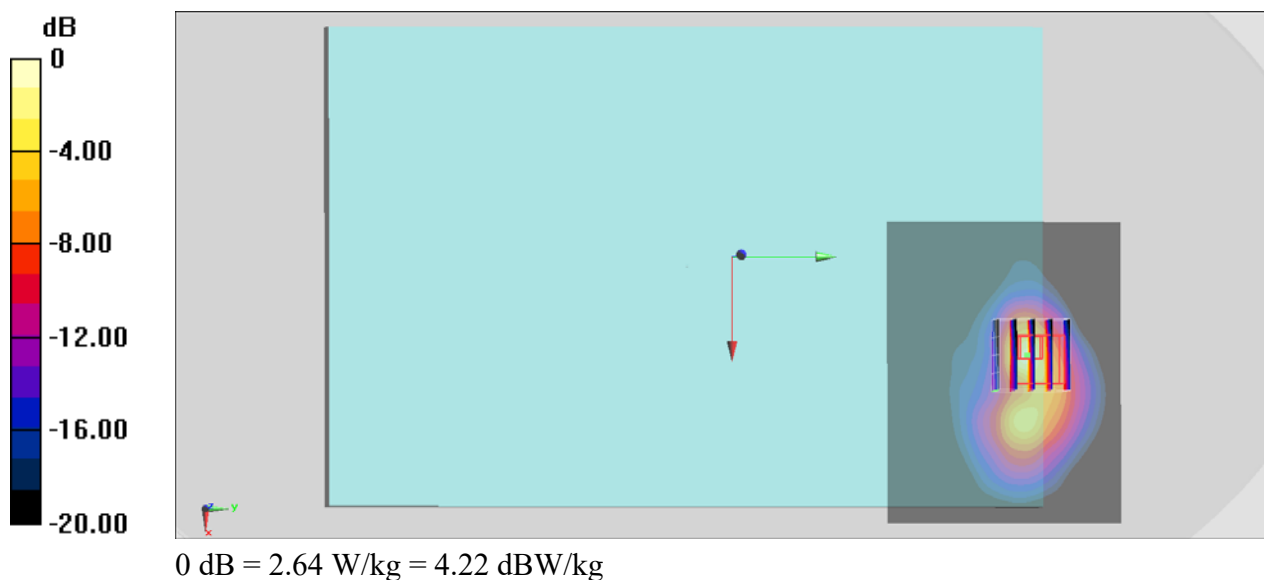
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 29.44 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.54 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.463 W/kg**

Maximum value of SAR (measured) = 2.64 W/kg



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

Communication System: FR1 ; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium: HSL\_2600\_200928 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 1.93$  S/m;  $\epsilon_r = 38.702$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306;ConvF(7.34, 7.34, 7.34) @ 2535 MHz;Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

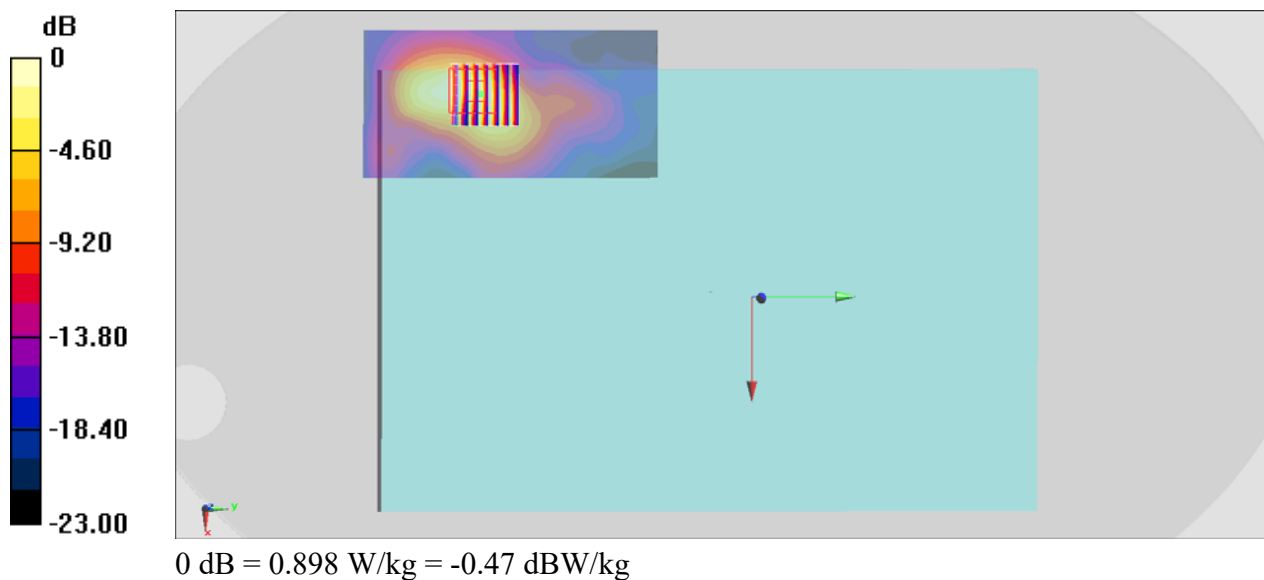
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.72 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.340 W/kg**

Maximum value of SAR (measured) = 0.898 W/kg



**#07\_FR1 n12\_15M\_BPSK\_75\_0\_Bottom Face\_0mm\_Ch141500**

Communication System: FR1; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200930 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 43.103$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(9.92, 9.92, 9.92) @ 707.5 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- 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) = 2.34 W/kg

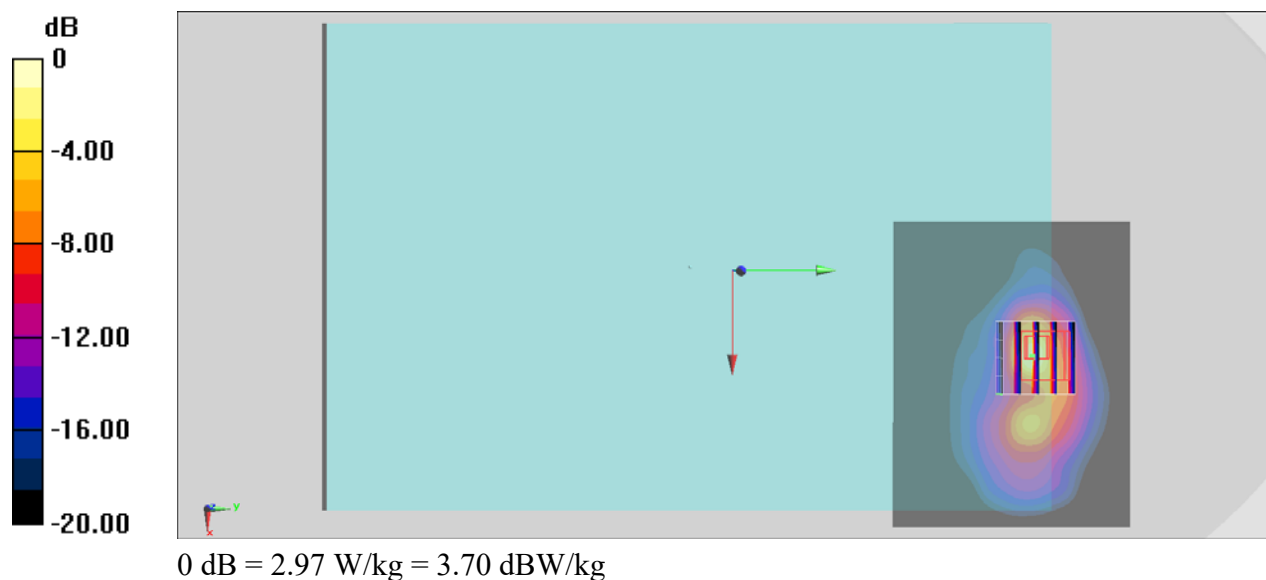
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.48 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.78 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.360 W/kg**

Maximum value of SAR (measured) = 2.97 W/kg



**#08\_FR1 n41\_100M\_BPSK\_1\_1\_Bottom of Laptop\_0mm\_Ch528000**

Communication System: FR1; Frequency: 2640 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_200928 Medium parameters used:  $f = 2640$  MHz;  $\sigma = 2.051$  S/m;  $\epsilon_r = 38.278$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(7.34, 7.34, 7.34) @ 2640 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

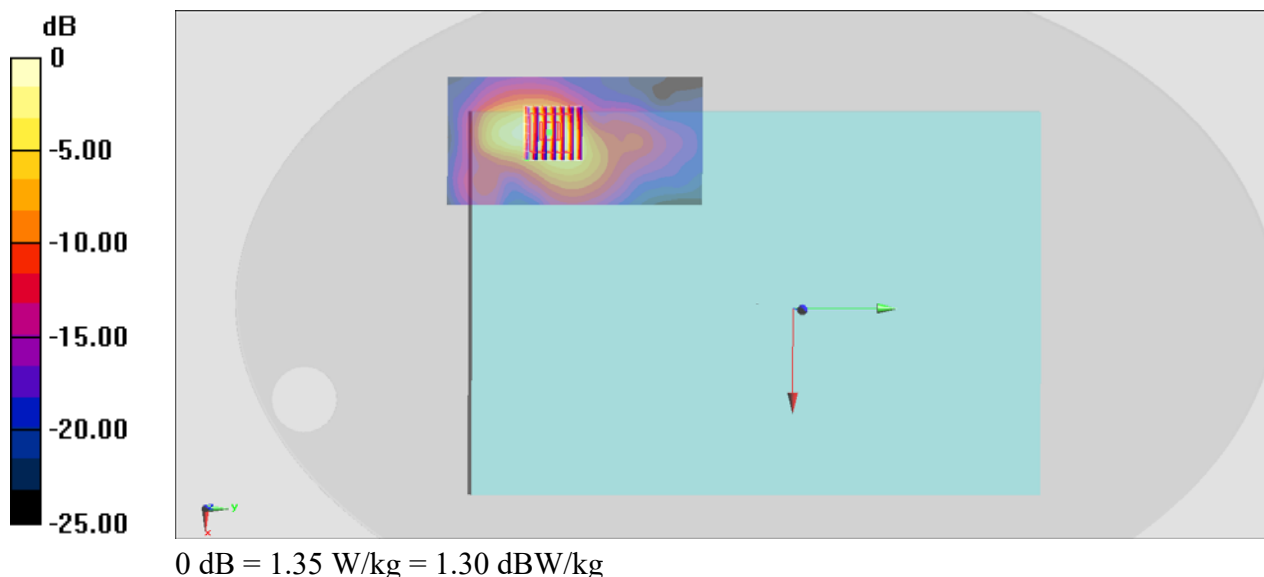
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.32 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.72 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.479 W/kg**

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



**#09\_FR1 n66\_20M\_BPSK\_1\_1\_Bottom Face\_0mm\_Ch344000**

Communication System: FR1; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200929 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.32$  S/m;  $\epsilon_r = 40.473$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(8.35, 8.35, 8.35) @ 1720 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- 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) = 2.07 W/kg

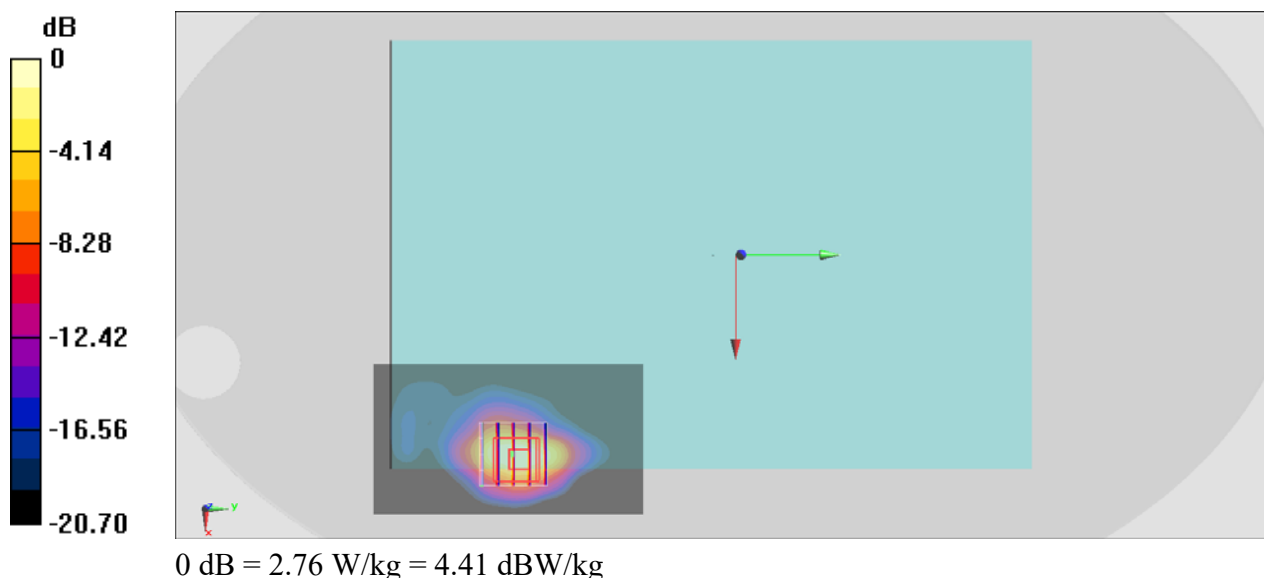
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.81 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.48 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.516 W/kg**

Maximum value of SAR (measured) = 2.76 W/kg



**#10\_FR1 n71\_20M\_BPSK\_50\_0\_Bottom of Laptop\_0mm\_Ch136100**

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

Medium: HSL\_750\_200930 Medium parameters used:  $f = 680.5$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 43.215$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(9.92, 9.92, 9.92) @ 680.5 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- 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) = 1.52 W/kg

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

Reference Value = 35.73 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.653 W/kg**

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

