

**32\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch23230**

Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 41.305$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.58, 10.58, 10.58); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

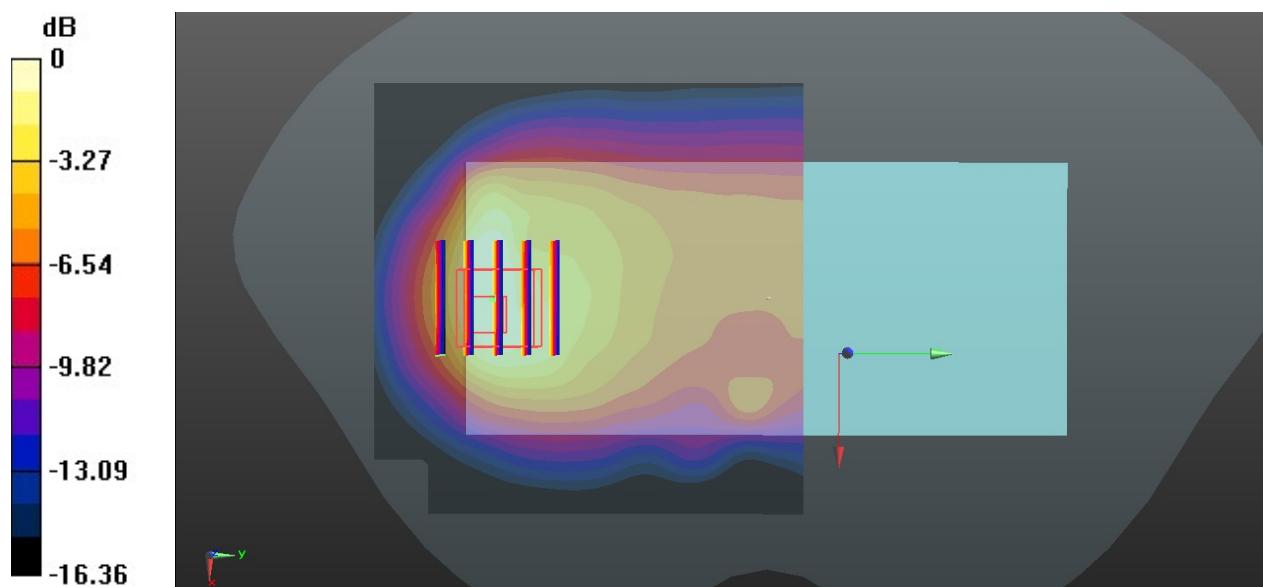
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.91 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.394 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

**33\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch26865**

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.50 W/kg

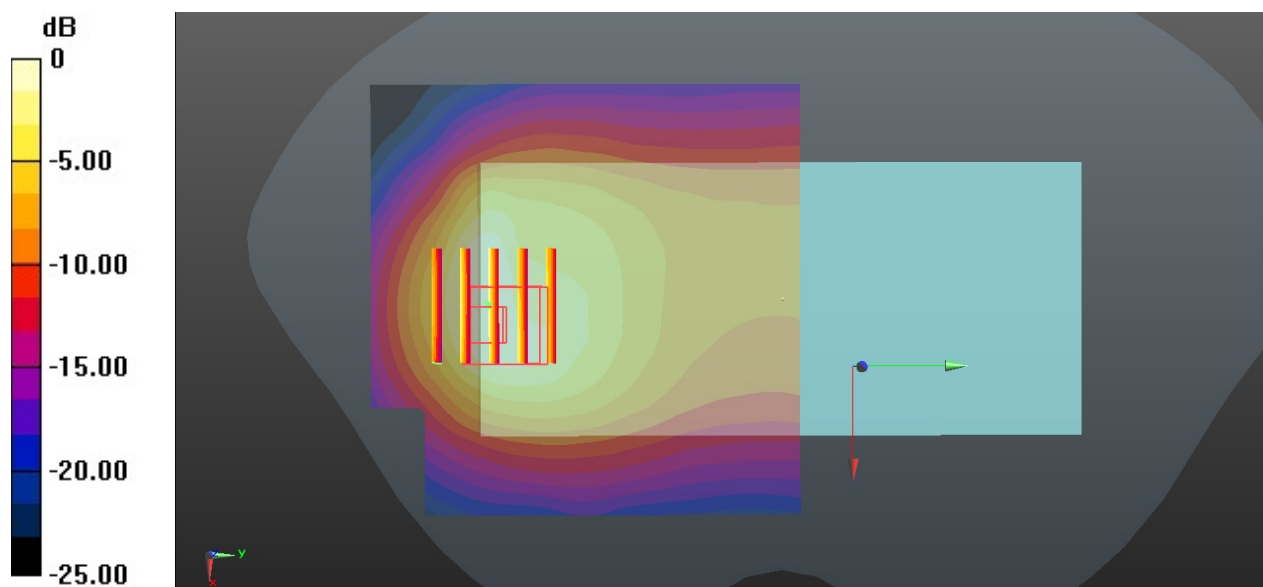
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.43 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.454 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

**34\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch132322**

Communication System: UID 0, LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 39.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

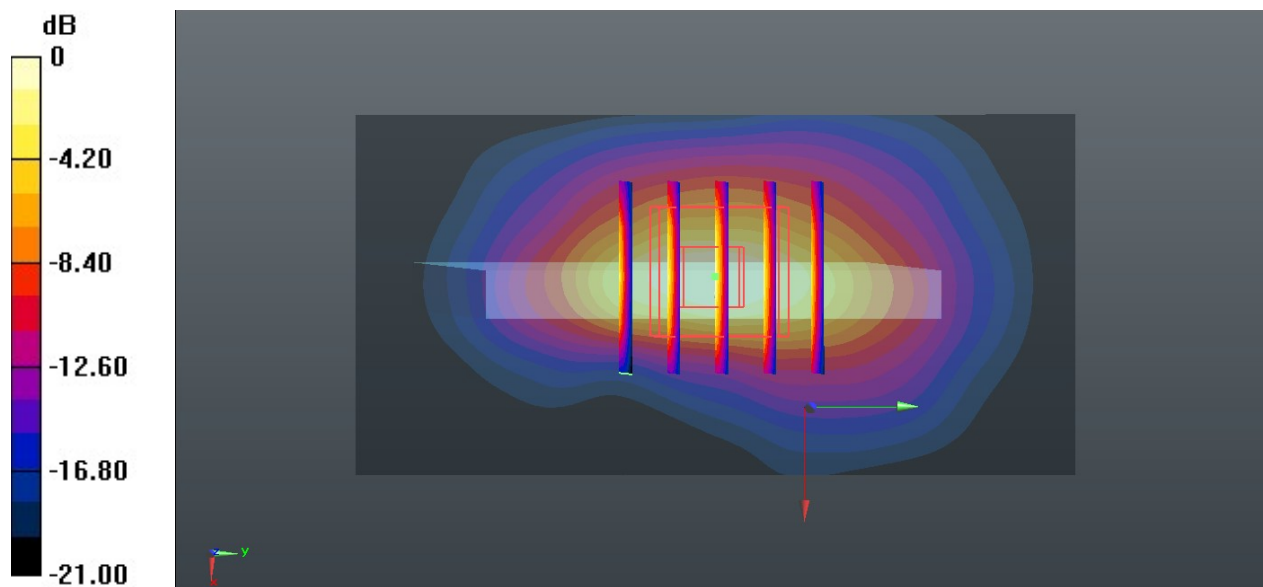
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.15 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.366 W/kg**

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

**35\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch19100**

Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 39.034$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

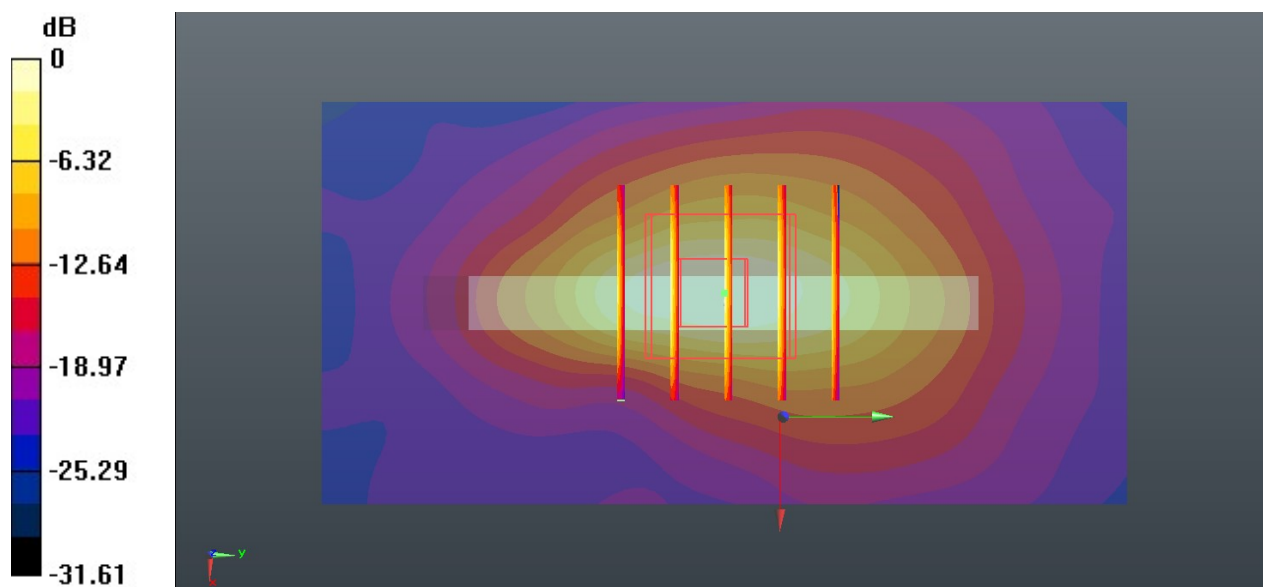
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 33.33 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 0.901 W/kg; SAR(10 g) = 0.412 W/kg**

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



0 dB = 1.54 W/kg = 1.88 dBW/kg

**36\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch21350**

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.983$  S/m;  $\epsilon_r = 38.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.83 W/kg

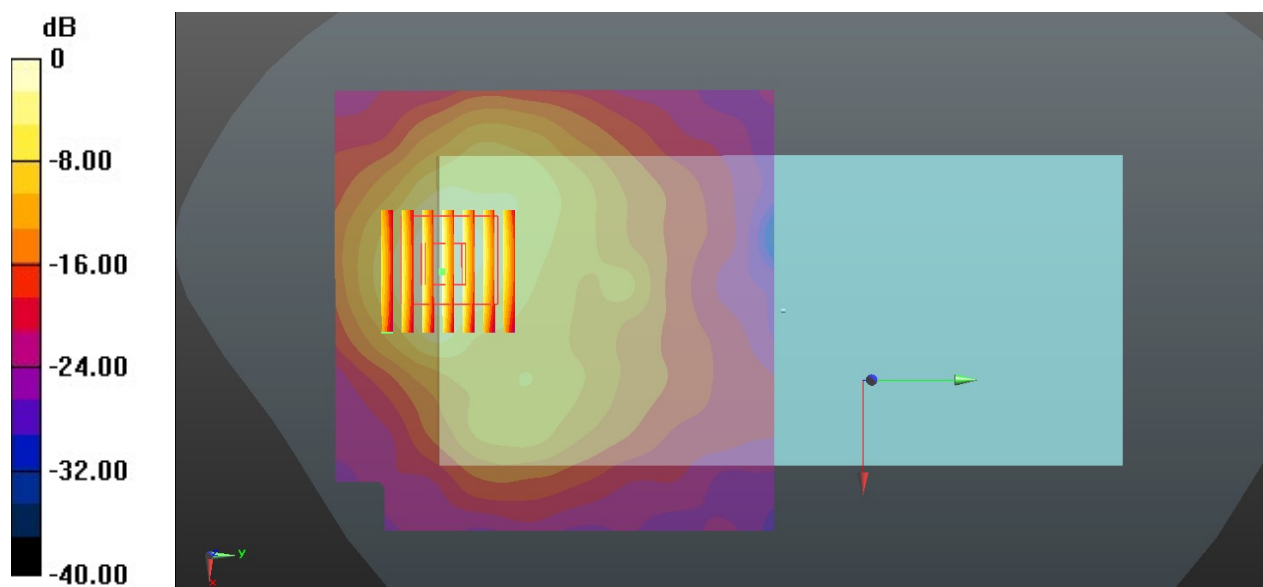
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.716 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.23 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.502 W/kg**

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

**37\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch40185**

Communication System: UID 0, LTE-TDD (0); Frequency: 2549.5 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2549.5$  MHz;  $\sigma = 1.97$  S/m;  $\epsilon_r = 38.052$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- 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) = 1.59 W/kg

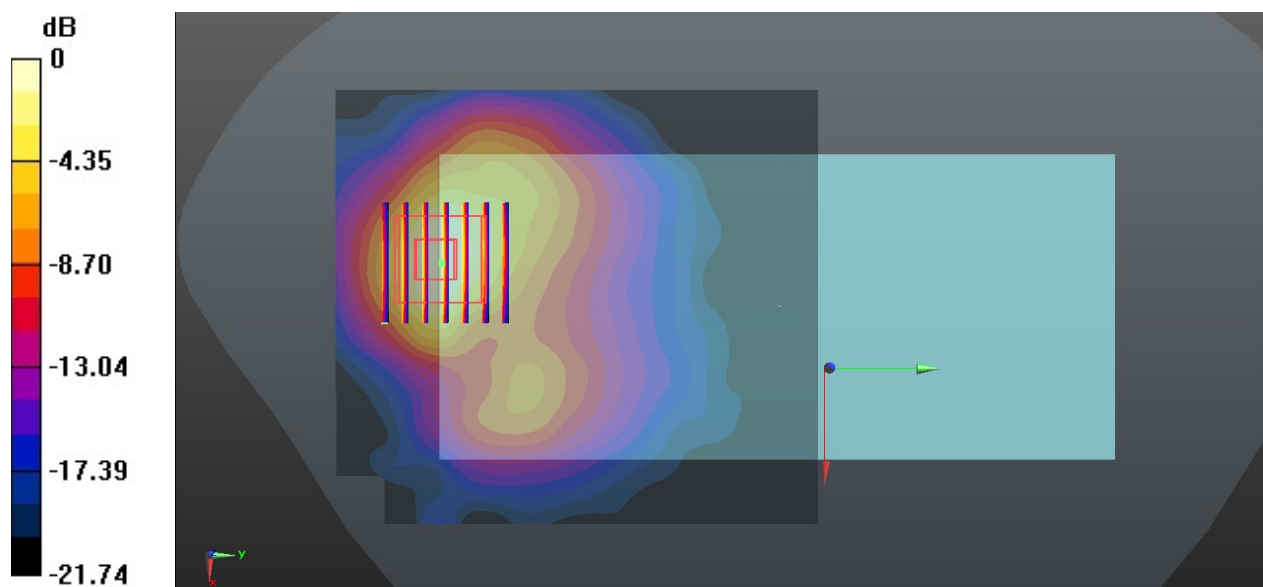
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.8310 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.394 W/kg**

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



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

**38\_FR1 N5\_20M\_QPSK\_50RB\_28Offset\_Back\_5mm\_Ch167300**

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 42.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- 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) = 0.521 W/kg

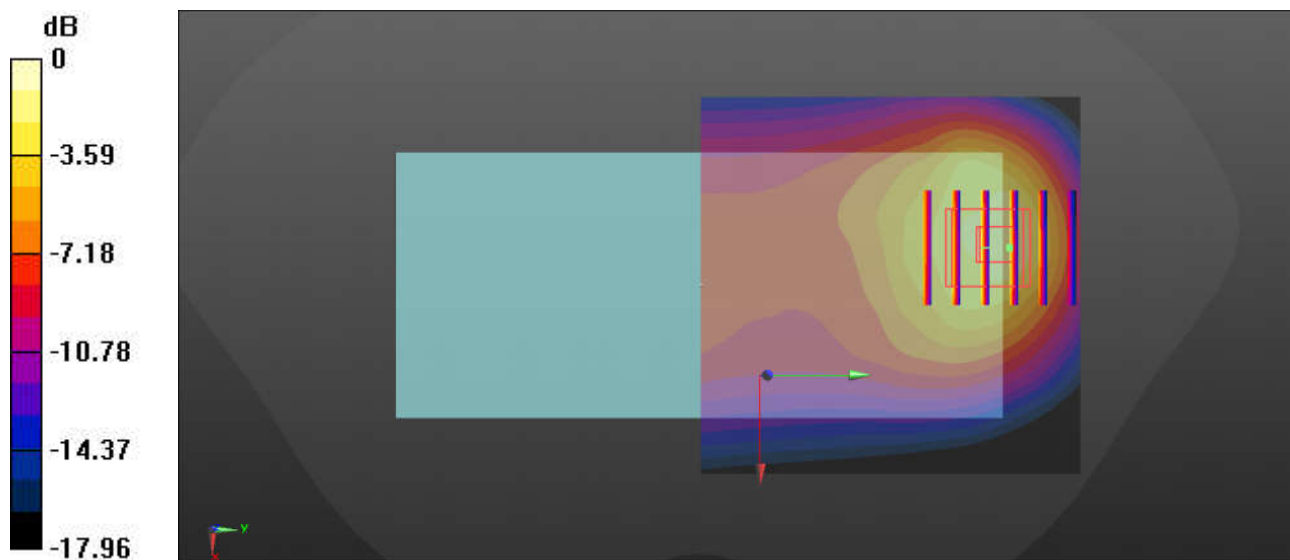
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.71 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.914 W/kg

**SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.216 W/kg**

Maximum value of SAR (measured) = 0.690 W/kg



0 dB = 0.690 W/kg = -1.61 dBW/kg

**39\_FR1 N7\_20M\_QPSK\_1RB\_53Offset\_Back\_5mm\_Ch507000**

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 37.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.895 W/kg

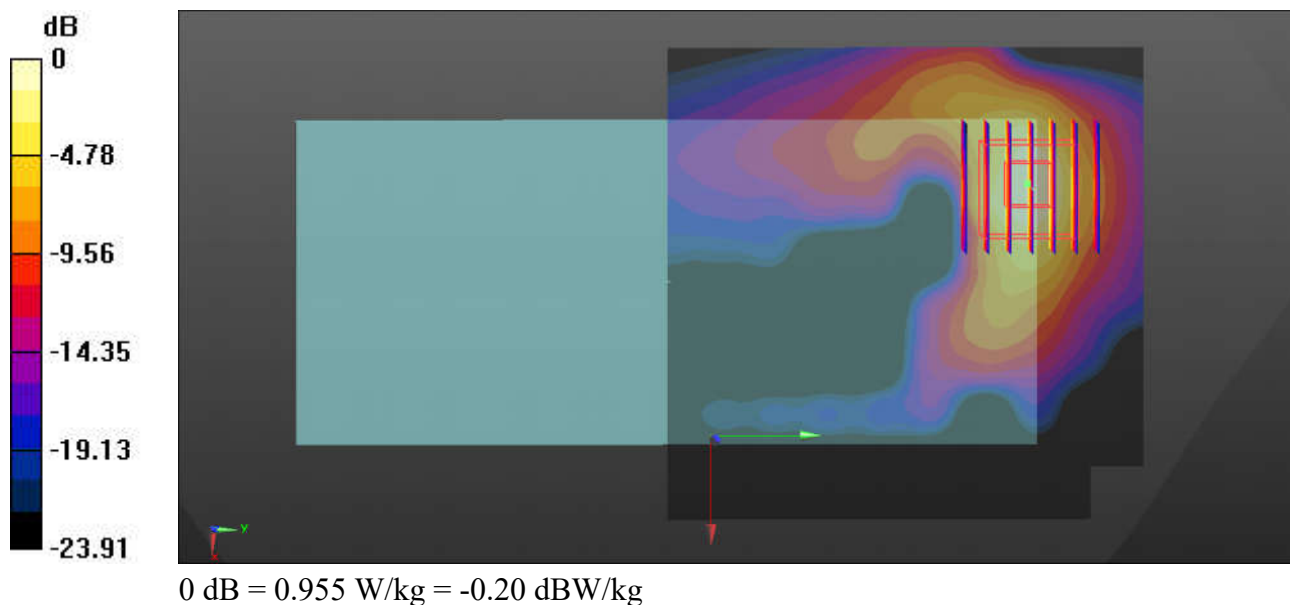
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.985 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.242 W/kg**

Maximum value of SAR (measured) = 0.955 W/kg



**40\_FR1 N66\_20M\_QPSK\_50RB\_28Offset\_Back\_5mm\_Ch349000**

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.381$  S/m;  $\epsilon_r = 41.475$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- 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) = 0.722 W/kg

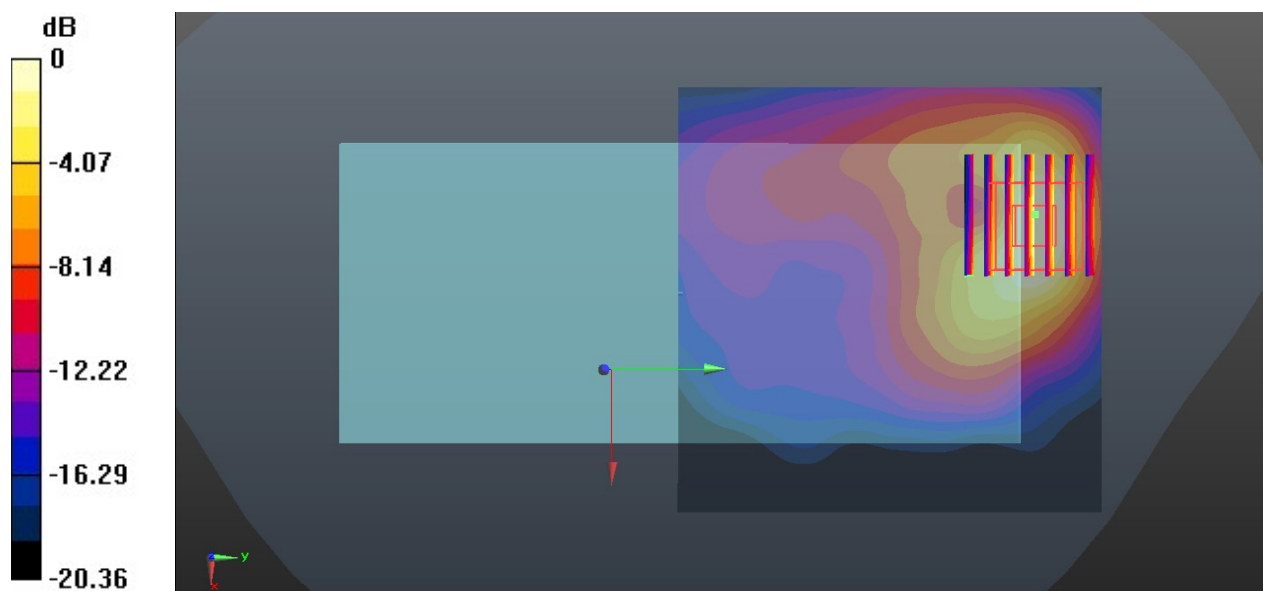
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.311 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.896 W/kg

**SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.205 W/kg**

Maximum value of SAR (measured) = 0.511 W/kg



**41\_FR1 N77\_100M\_QPSK\_135RB\_69Offset\_Back\_5mm\_Ch656000**

Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL\_3900 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.132$  S/m;  $\epsilon_r = 38.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(6.43, 6.43, 6.43); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

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

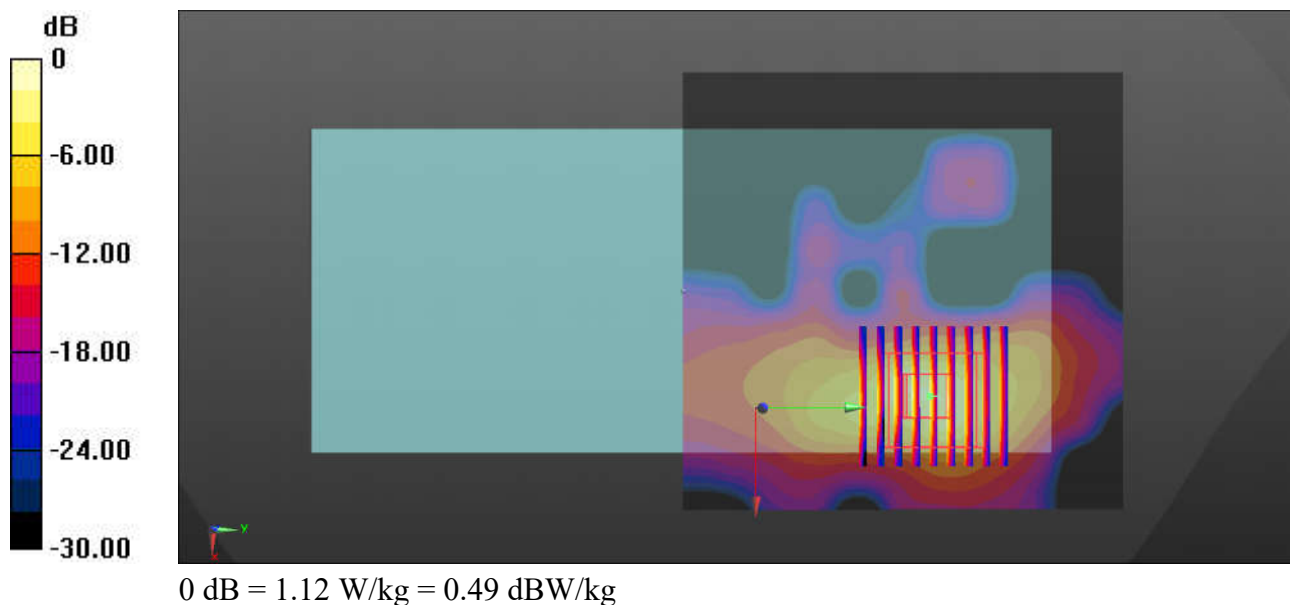
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 2.225 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



**42\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch1**

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.017

Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.825$  S/m;  $\epsilon_r = 40.301$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7592; ConvF(7.57, 7.57, 7.57); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- 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) = 1.64 W/kg

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

Reference Value = 12.86 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.430 W/kg**

Maximum value of SAR (measured) = 1.57 W/kg

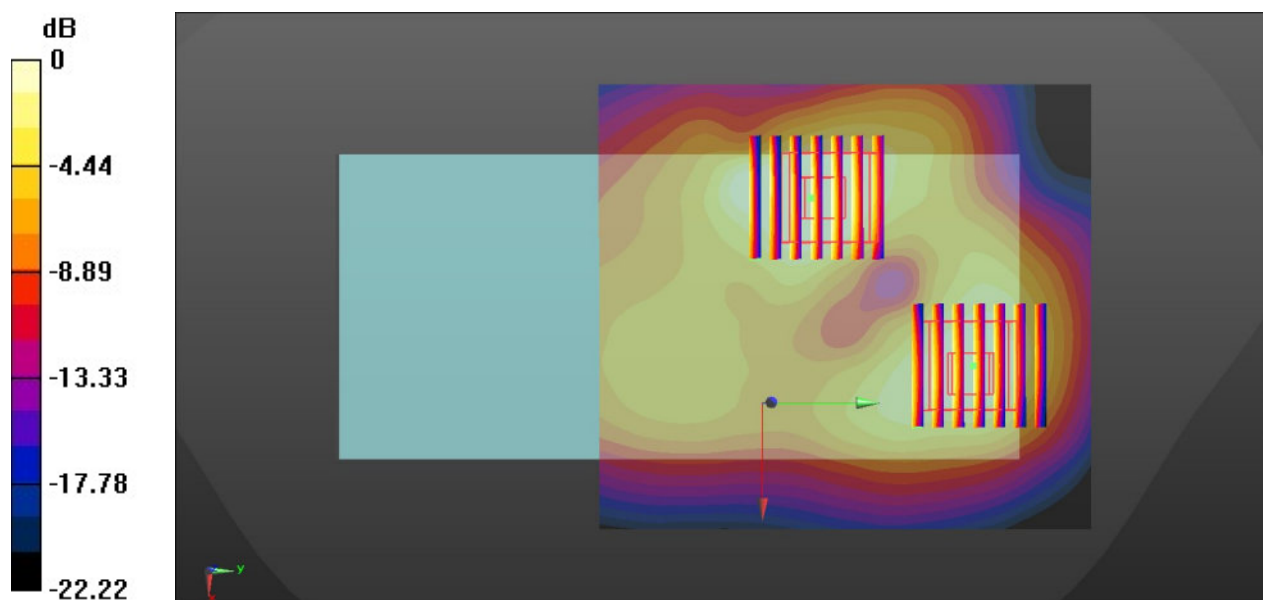
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.86 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 0.928 W/kg



0 dB = 0.928 W/kg = -0.32 dBW/kg

**43\_Bluetooth\_1Mbps\_Back\_5mm\_Ch39**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.887$  S/m;  $\epsilon_r = 40.943$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(7.57, 7.57, 7.57); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.0612 W/kg

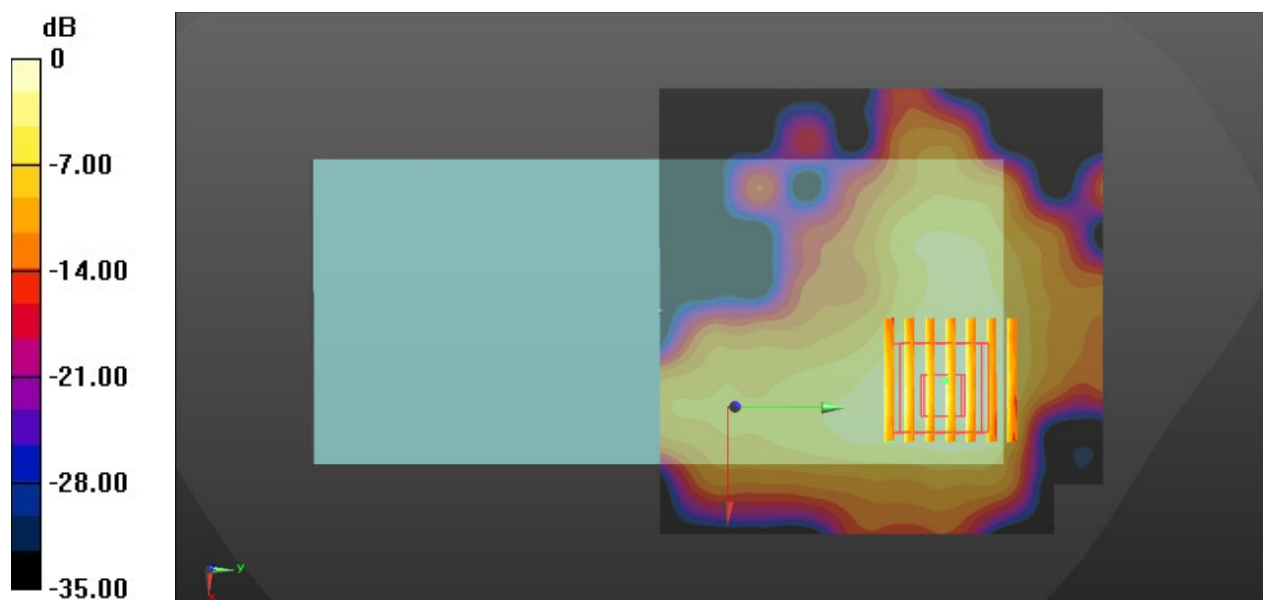
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 0.9960 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0810 W/kg

**SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0669 W/kg



0 dB = 0.0669 W/kg = -11.75 dBW/kg

**44\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_5mm\_Ch42**

Communication System: UID 0, 802.11ac (0); Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: HSL\_5000 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.734$  S/m;  $\epsilon_r = 36.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(5.24, 5.24, 5.24); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

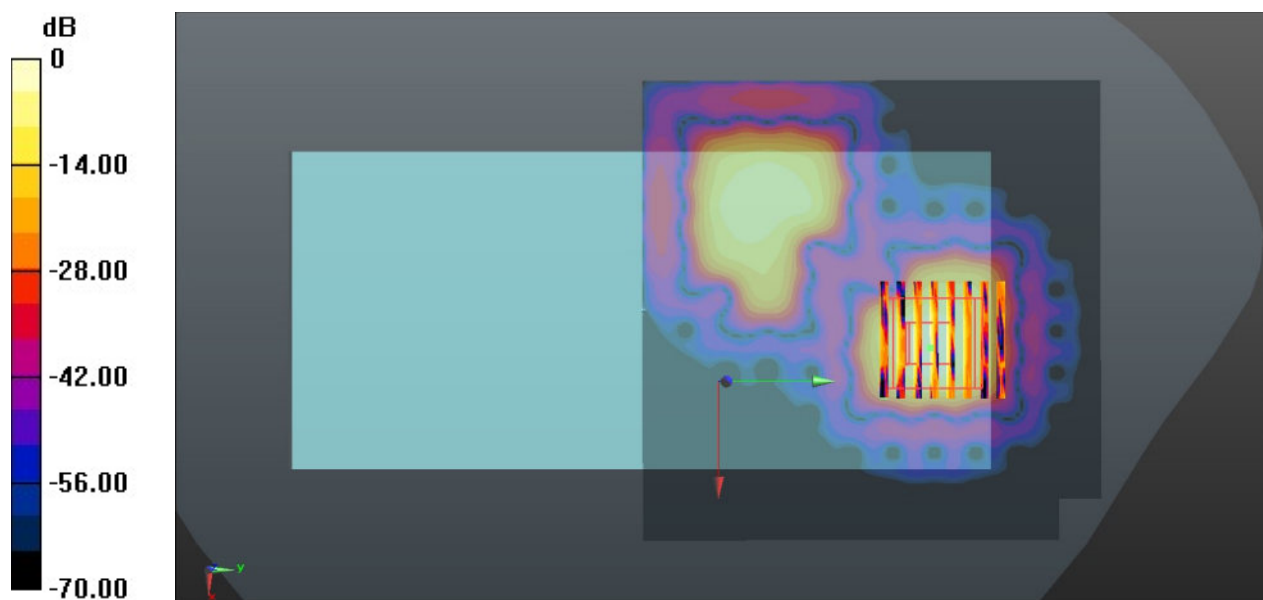
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.058 W/kg**

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -0.28 dBW/kg

**45\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_5mm\_Ch155**

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL\_5000 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.405$  S/m;  $\epsilon_r = 34.881$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7592; ConvF(4.69, 4.69, 4.69); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.13 W/kg

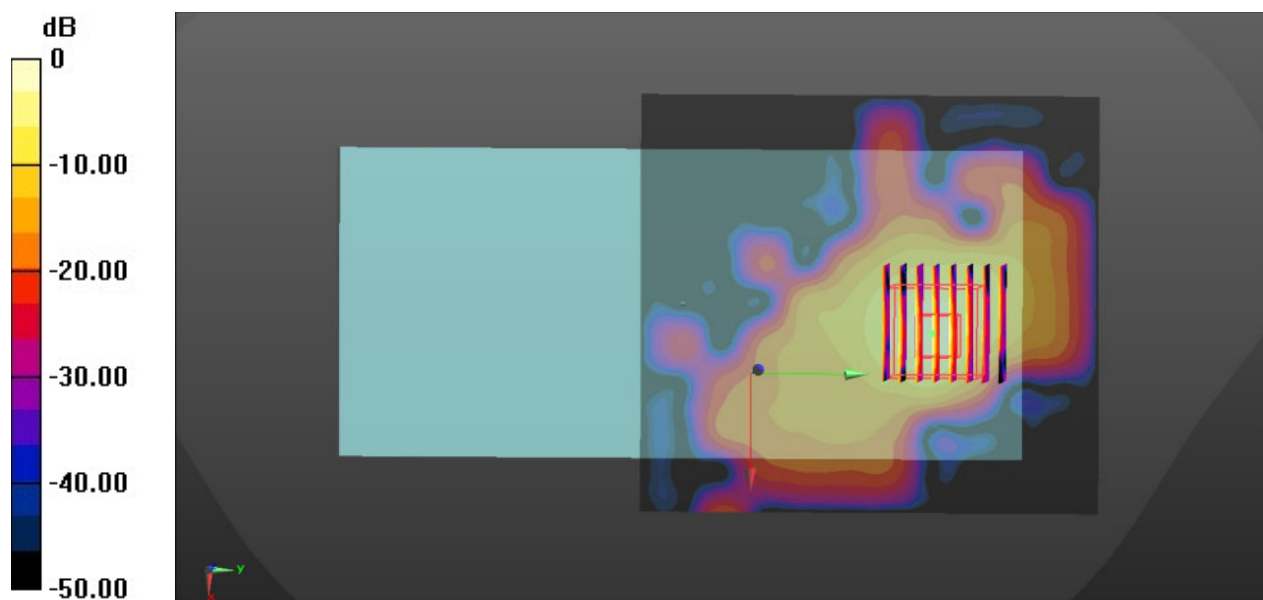
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.658 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.49 W/kg

**SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.196 W/kg**

Maximum value of SAR (measured) = 2.02 W/kg



**46\_GSM850\_GPRS 3 Tx slots\_Back\_5mm\_Ch189**

Communication System: UID 0, GSM850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 41.219$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 16.83 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.508 W/kg**

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

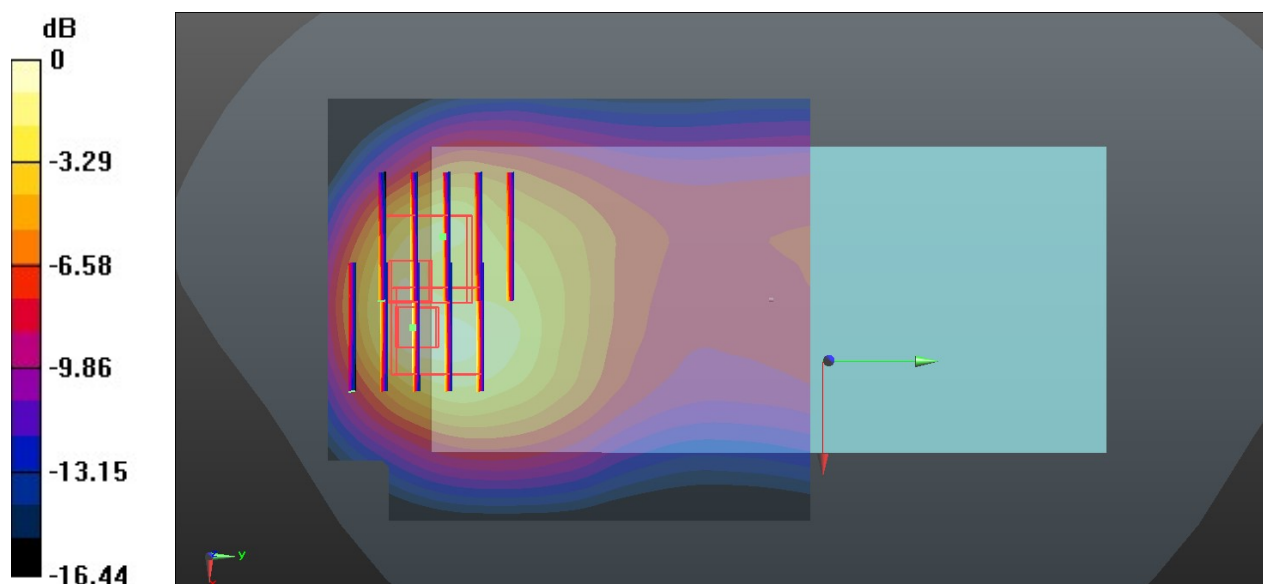
**Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.83 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.451 W/kg**

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



0 dB = 1.51 W/kg = 1.79 dBW/kg

**47\_GSM1900\_GPRS 2 Tx slots\_Back\_5mm\_Ch512**

Communication System: UID 0, PCS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.347$  S/m;  $\epsilon_r = 39.244$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

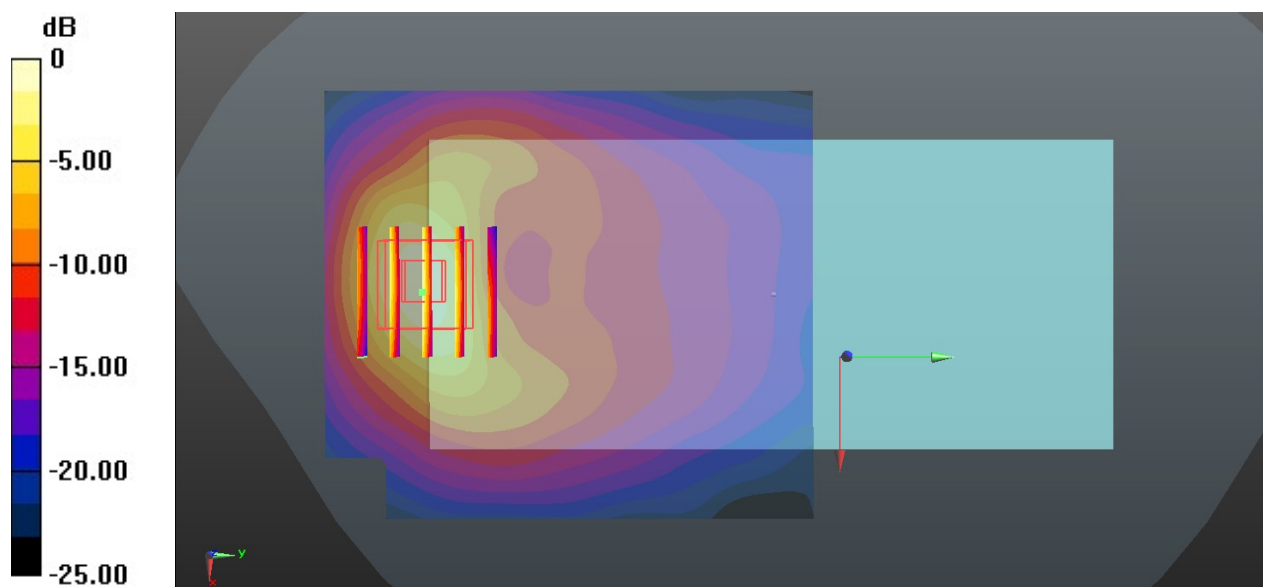
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.151 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.504 W/kg**

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



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

**48\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4233**

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 16.13 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.02 W/kg

**SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.512 W/kg**

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

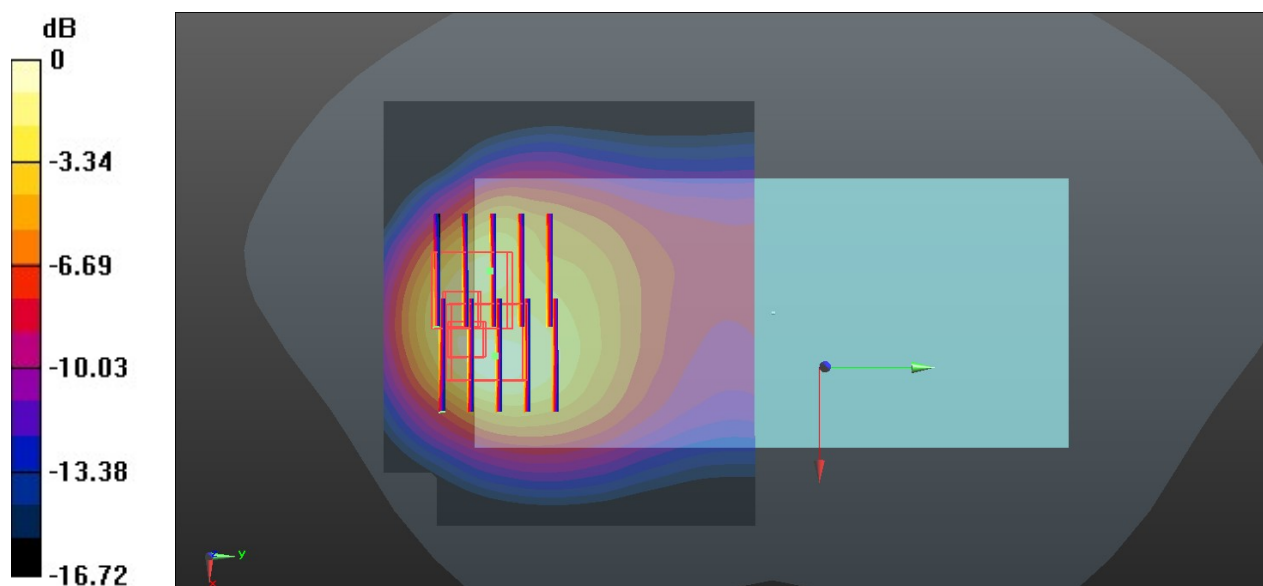
**Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.13 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.450 W/kg**

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



0 dB = 1.56 W/kg = 1.93 dBW/kg

**49\_WCDMA IV\_RMC 12.2Kbps\_Back\_5mm\_Ch1312**

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.317$  S/m;  $\epsilon_r = 39.244$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

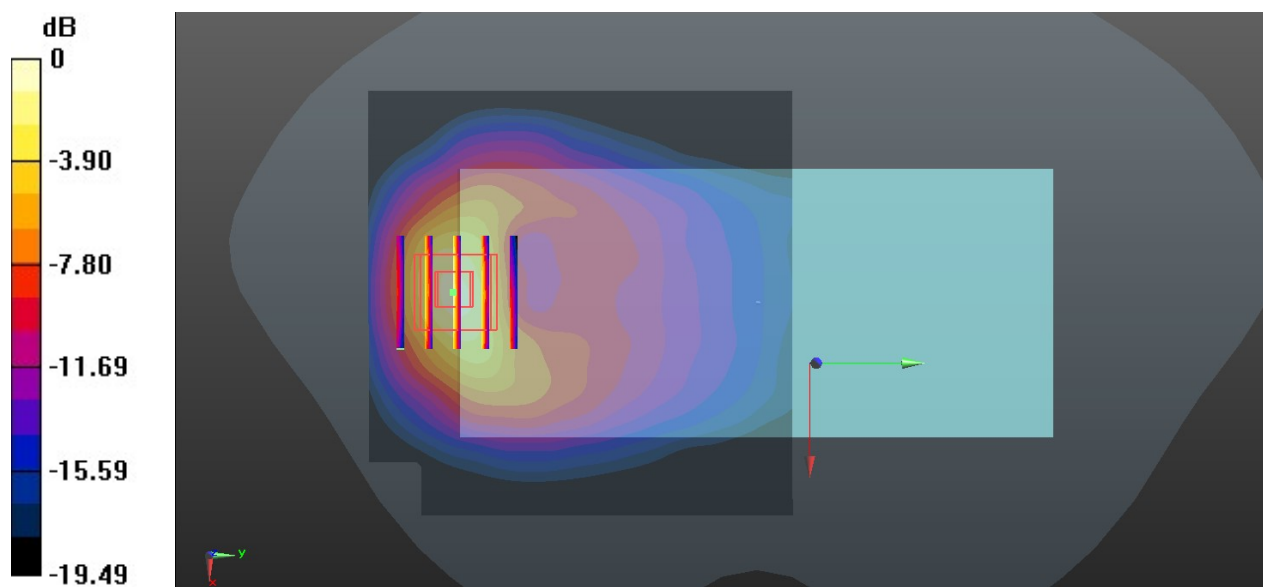
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.080 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.530 W/kg**

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



0 dB = 1.62 W/kg = 2.10 dBW/kg

**50\_WCDMA II\_RMC 12.2Kbps\_Back\_5mm\_Ch9262**

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.35$  S/m;  $\epsilon_r = 39.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

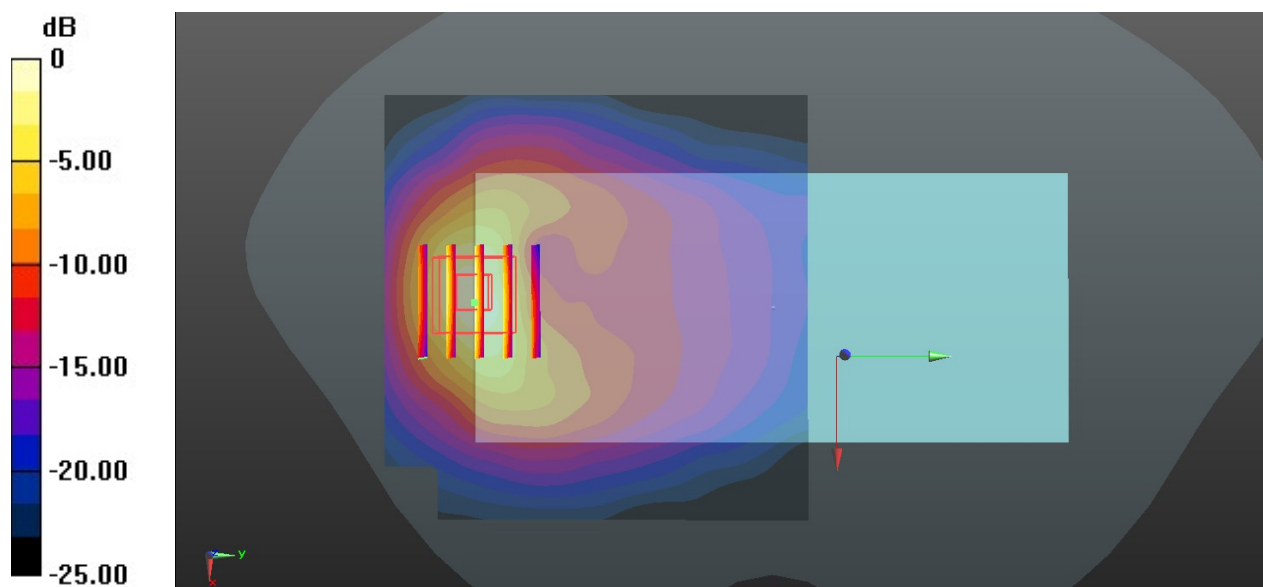
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.237 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.98 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.520 W/kg**

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



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

**51\_CDMA2000 BC0\_RC3 SO32 (F+SCH) \_Back\_5mm\_Ch1013**

Communication System: UID 0, CDMA (0); Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 41.365$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

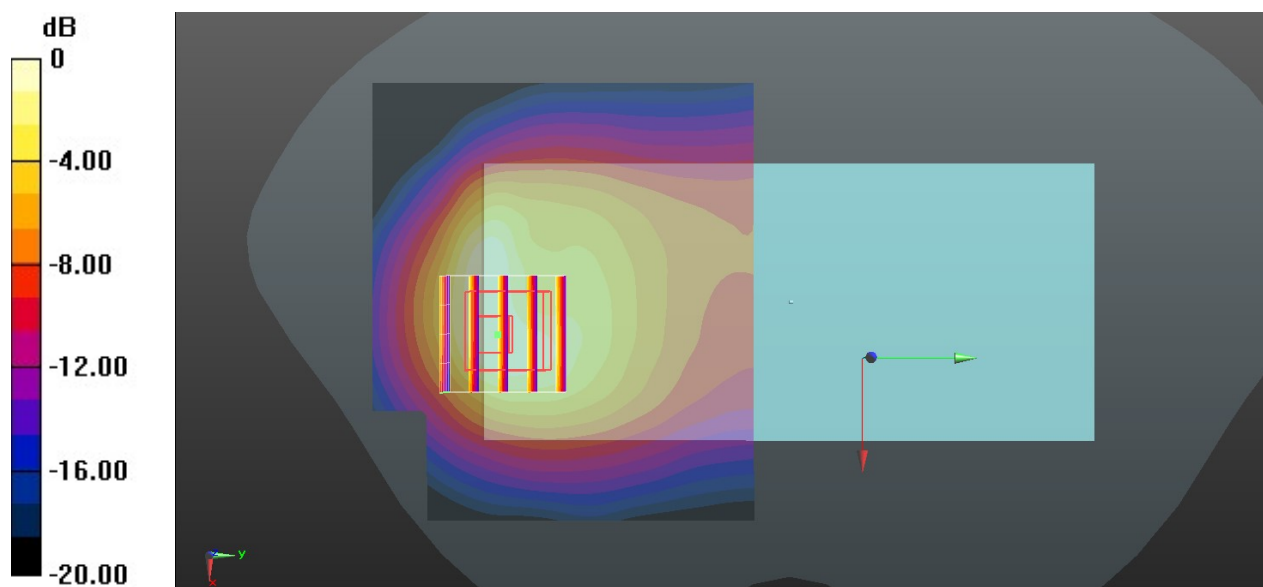
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.24 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.418 W/kg**

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



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

**52\_CDMA2000 BC1\_RC3 SO32 (F+SCH) \_Back\_5mm\_Ch1175**

Communication System: UID 0, CDMA (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 38.996$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

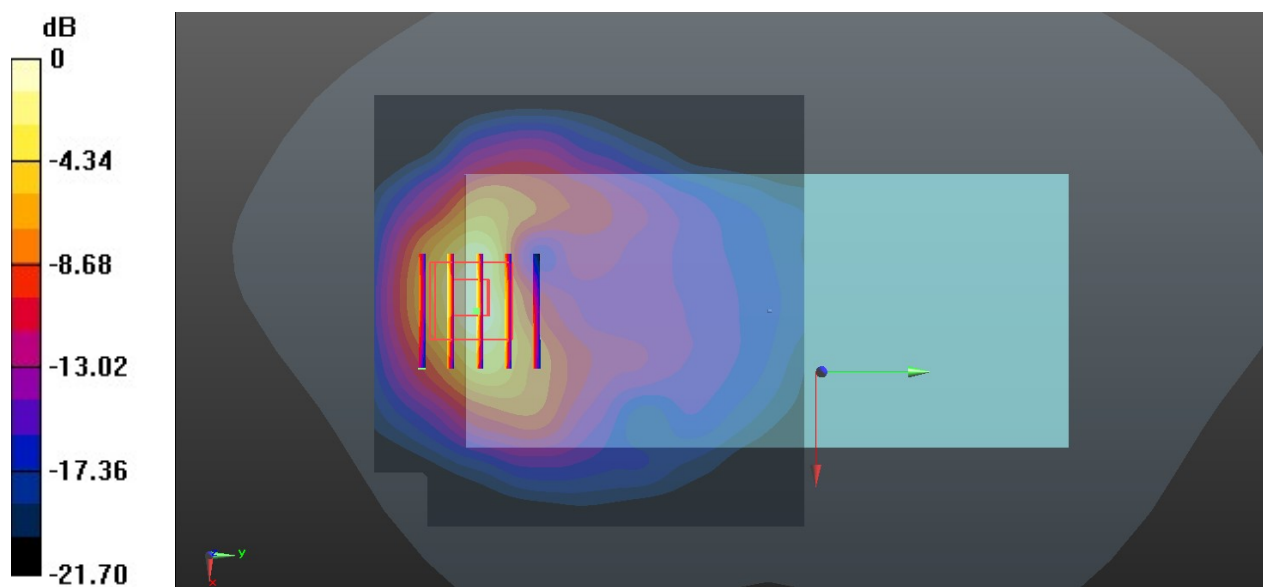
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.064 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.512 W/kg**

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

**53\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch23095**

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 42.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.58, 10.58, 10.58); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

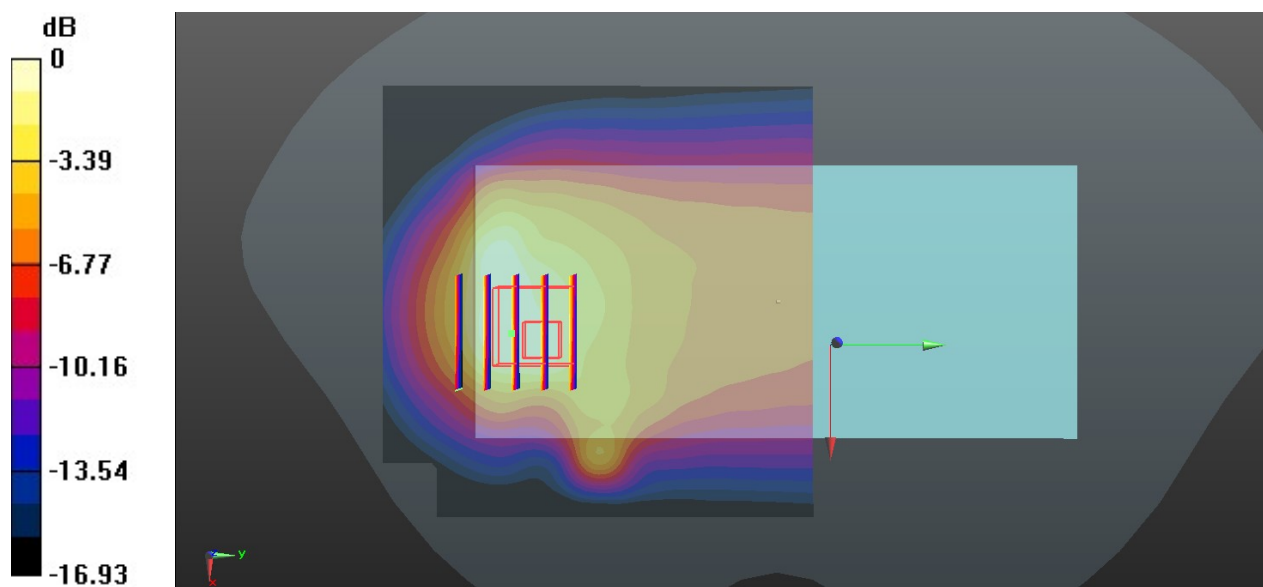
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.55 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.452 W/kg**

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

**54\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch23230**

Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 41.305$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.58, 10.58, 10.58); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

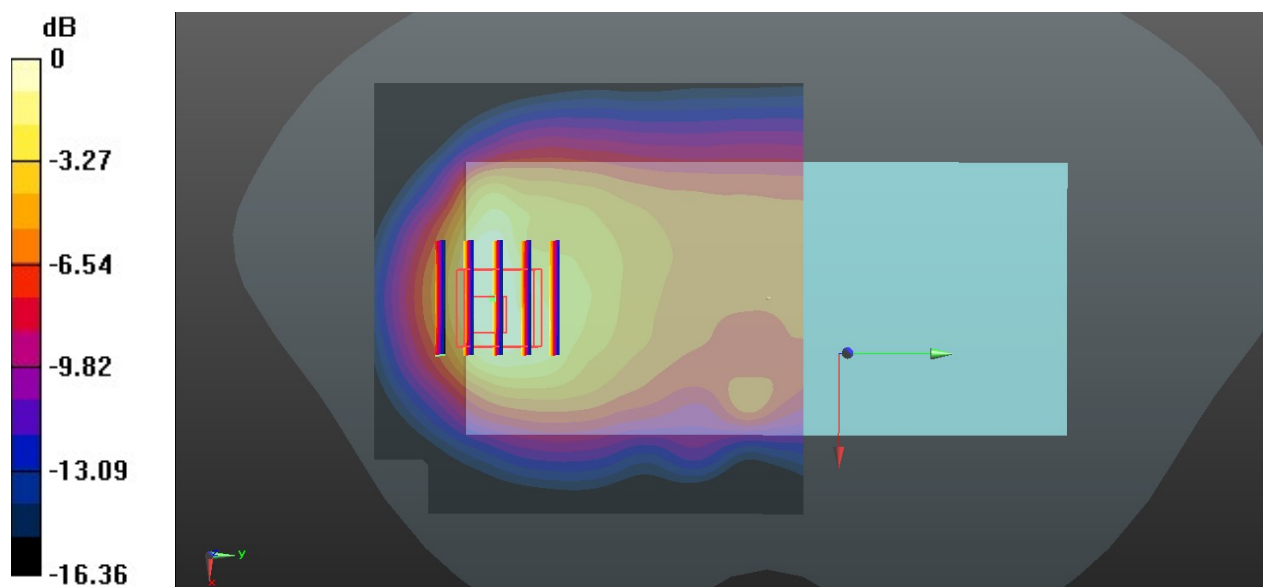
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.91 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.394 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

**55\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch26865**

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.50 W/kg

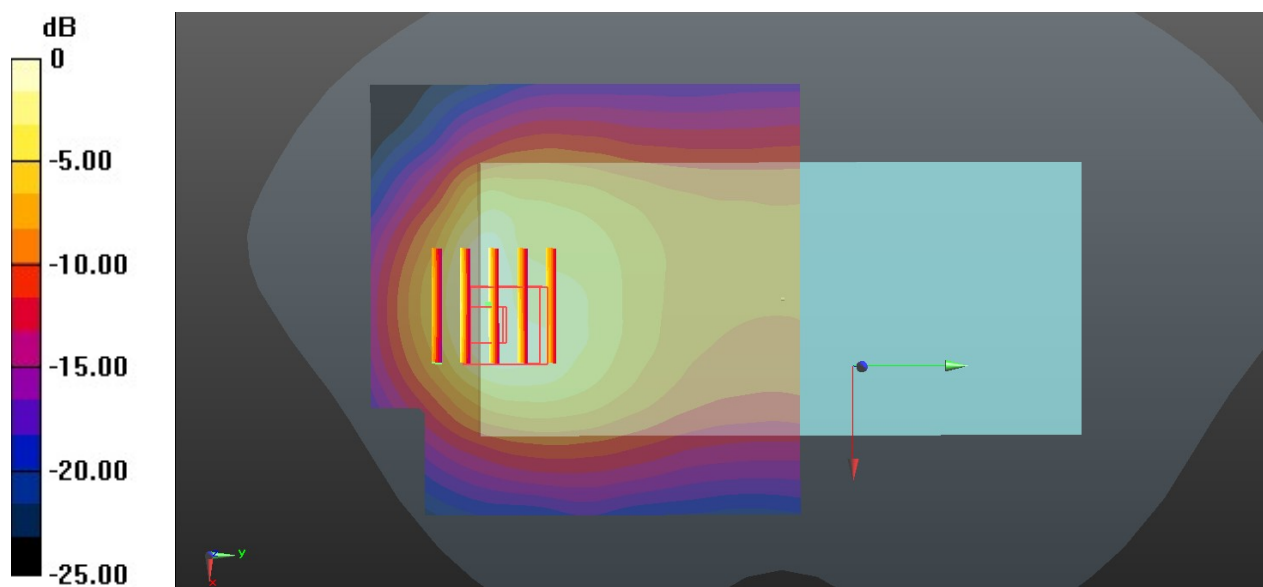
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.43 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.454 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

**56\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch132072**

Communication System: UID 0, LTE-FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL\_1750 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.324$  S/m;  $\epsilon_r = 39.207$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.21 W/kg

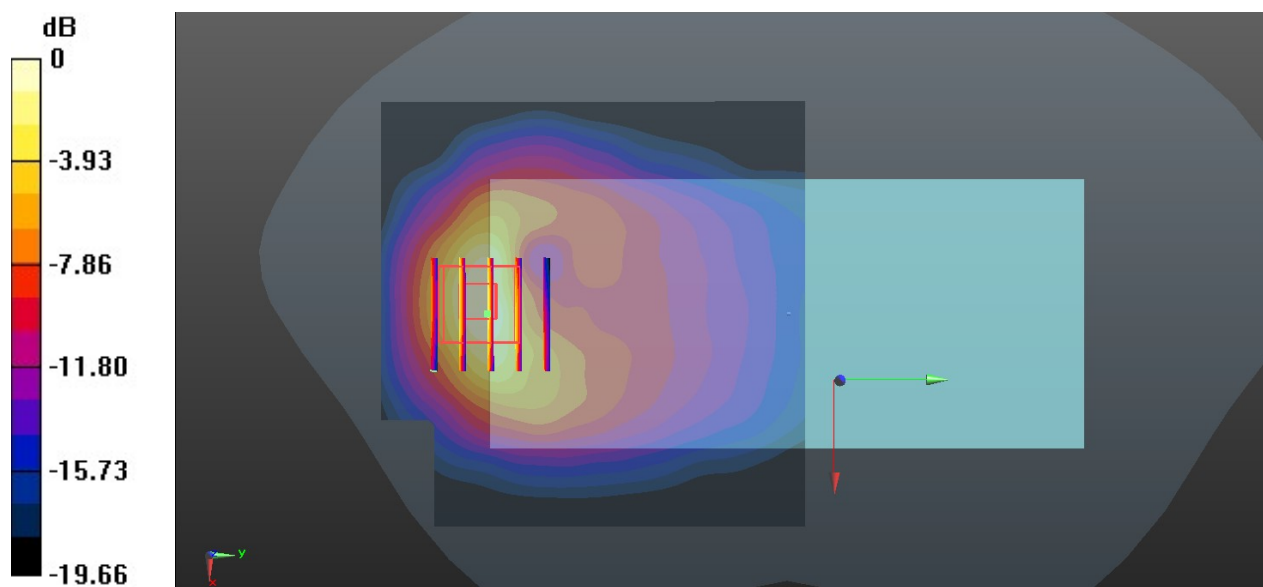
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.411 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.427 W/kg**

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



**57\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch19100**

Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 39.034$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.31 W/kg

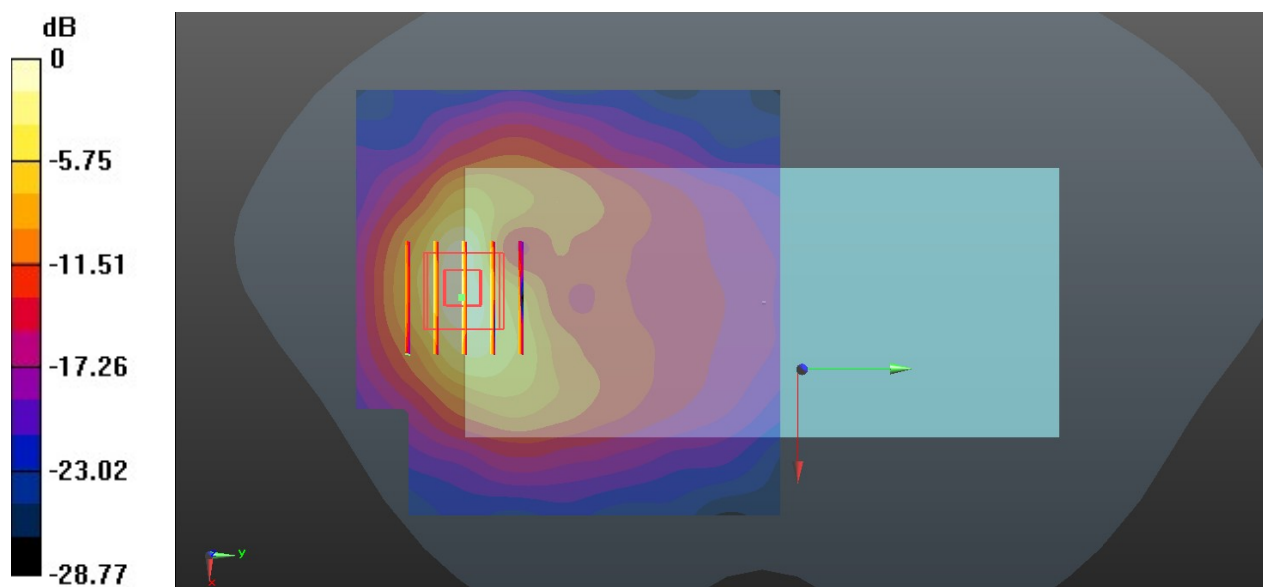
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.799 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.441 W/kg**

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



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

**58\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch21350**

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.983$  S/m;  $\epsilon_r = 38.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.83 W/kg

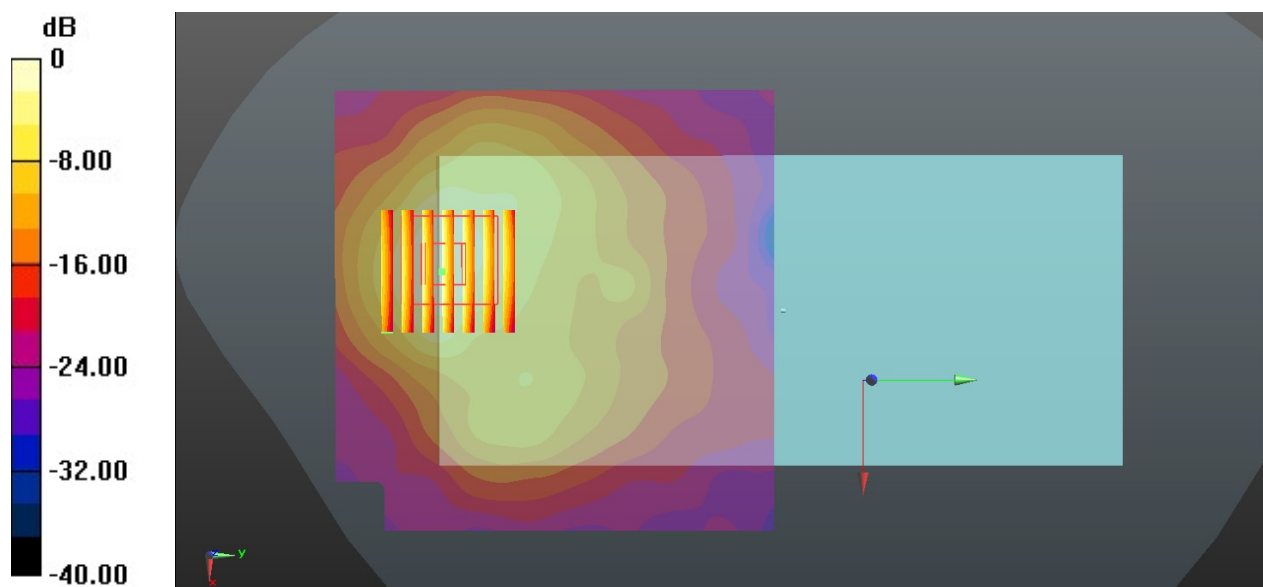
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.716 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.23 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.502 W/kg**

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

**60\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch40185**

Communication System: UID 0, LTE-TDD (0); Frequency: 2549.5 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2549.5$  MHz;  $\sigma = 1.97$  S/m;  $\epsilon_r = 38.052$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- 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) = 1.59 W/kg

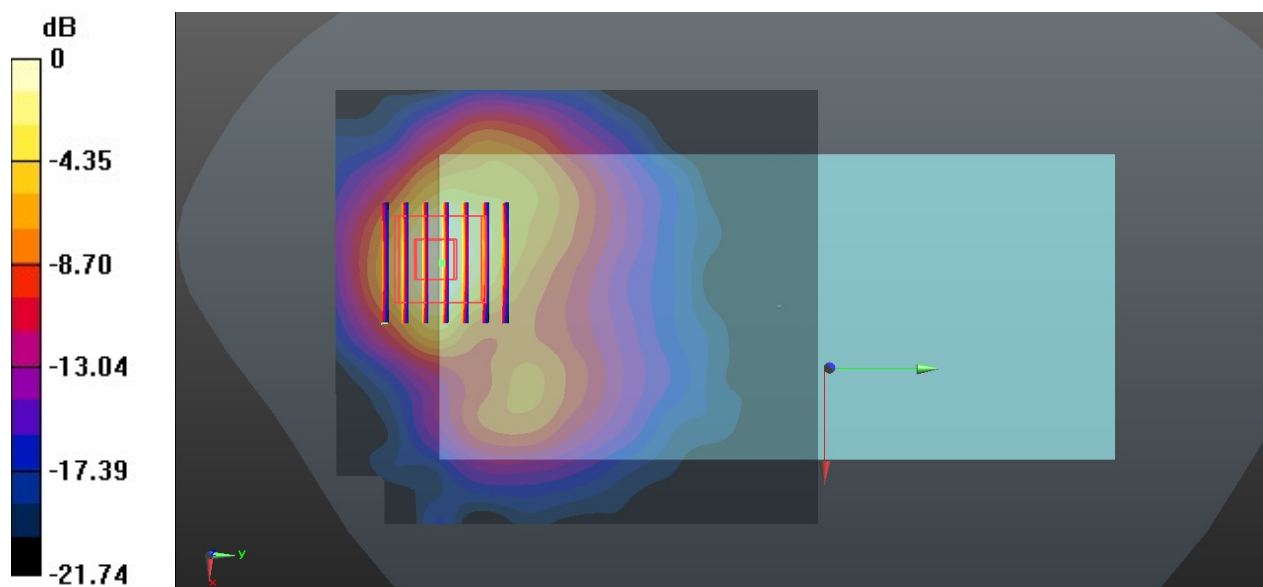
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.8310 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.394 W/kg**

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



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

**61\_FR1 N5\_20M\_QPSK\_50RB\_28Offset\_Back\_5mm\_Ch167300**

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 42.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- 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) = 0.521 W/kg

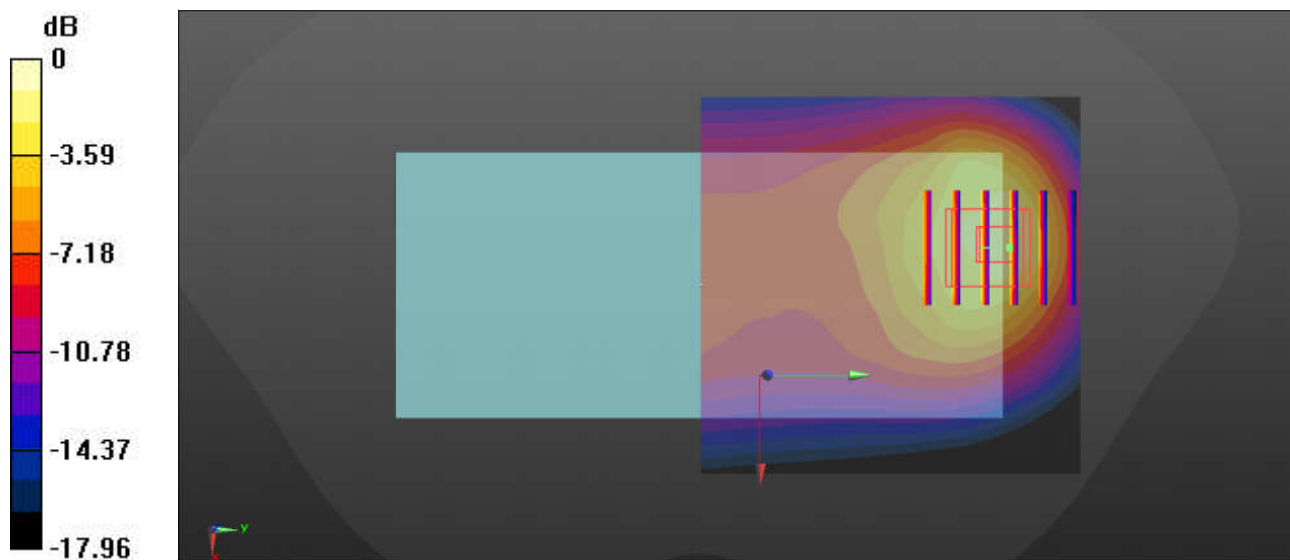
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.71 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.914 W/kg

**SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.216 W/kg**

Maximum value of SAR (measured) = 0.690 W/kg



0 dB = 0.690 W/kg = -1.61 dBW/kg

**62\_FR1 N7\_20M\_QPSK\_1RB\_53Offset\_Back\_5mm\_Ch507000**

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 37.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.895 W/kg

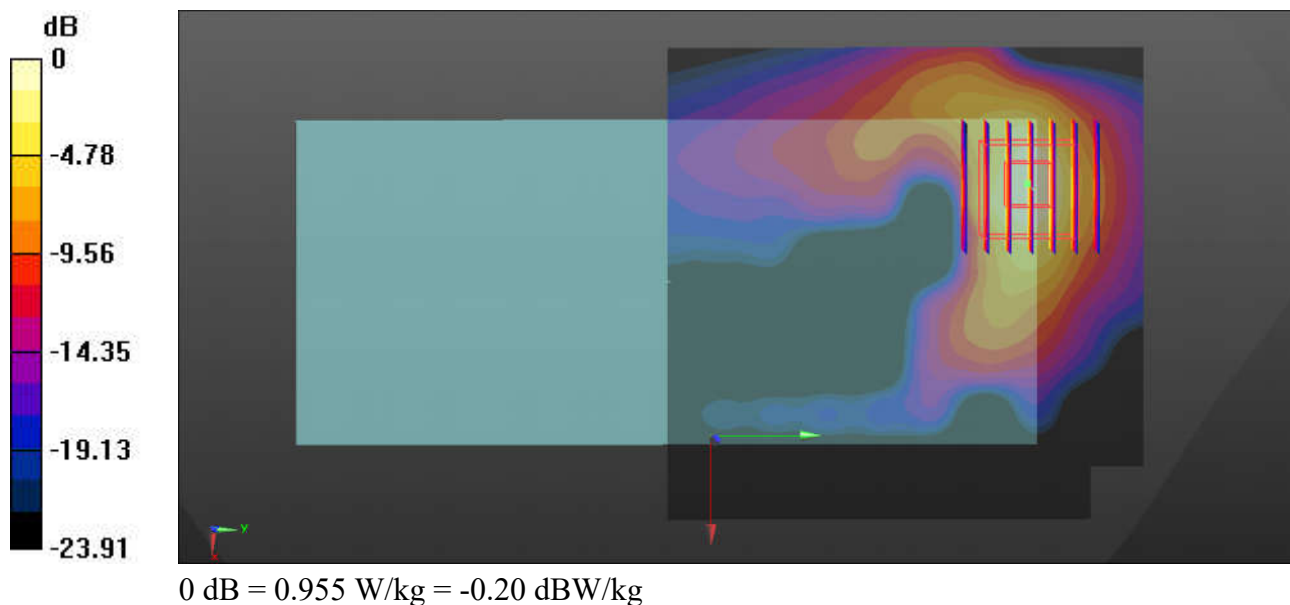
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.985 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.242 W/kg**

Maximum value of SAR (measured) = 0.955 W/kg



**63\_FR1 N66\_20M\_QPSK\_50RB\_28Offset\_Back\_5mm\_Ch349000**

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.381$  S/m;  $\epsilon_r = 41.475$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- 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) = 0.722 W/kg

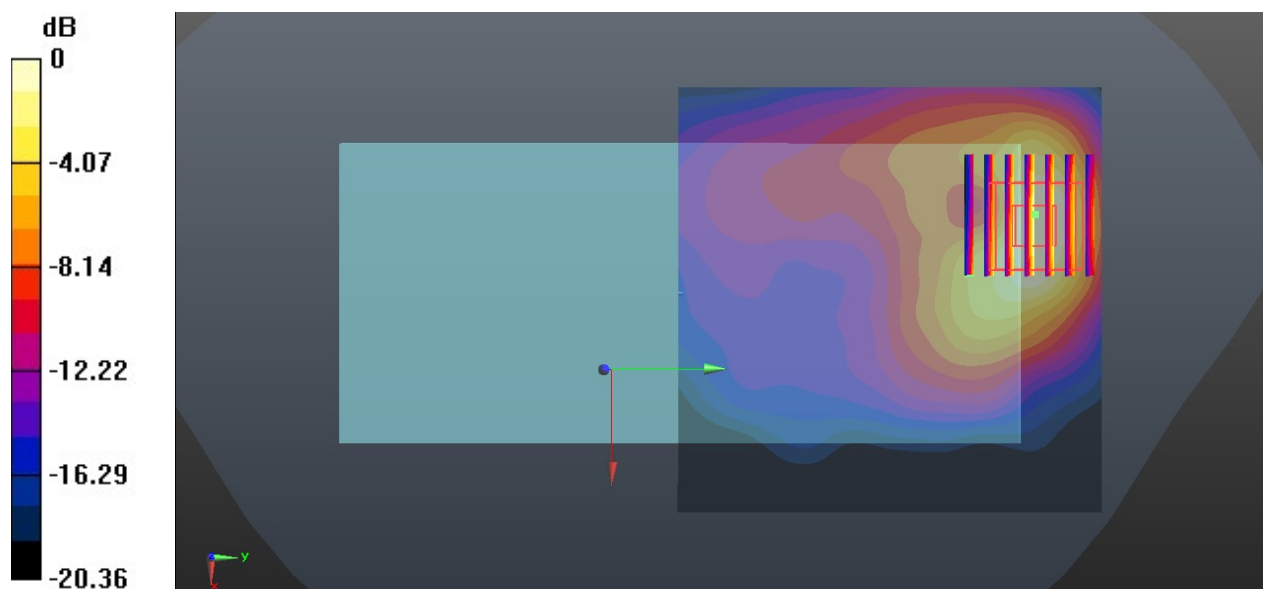
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.311 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.896 W/kg

**SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.205 W/kg**

Maximum value of SAR (measured) = 0.511 W/kg



0 dB = 0.511 W/kg = -2.92 dBW/kg

**64\_FR1 N77\_100M\_QPSK\_135RB\_69Offset\_Back\_5mm\_Ch656000**

Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL\_3900 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.132$  S/m;  $\epsilon_r = 38.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(6.43, 6.43, 6.43); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

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

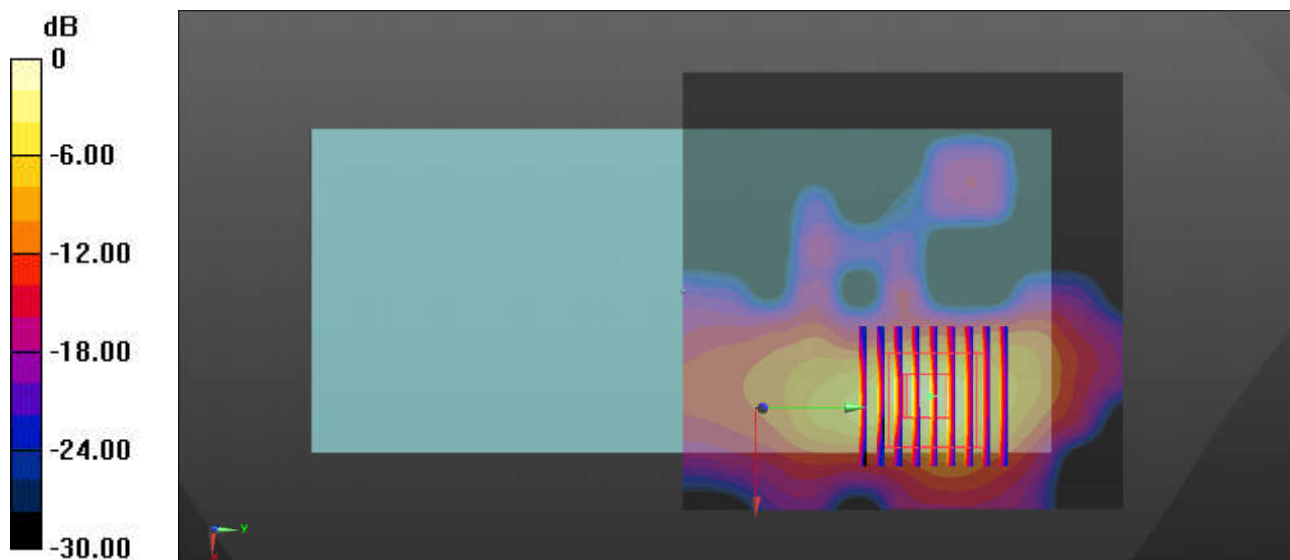
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 2.225 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

**65\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch1**

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.017

Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.825$  S/m;  $\epsilon_r = 40.301$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7592; ConvF(7.57, 7.57, 7.57); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- 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) = 1.64 W/kg

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

Reference Value = 12.86 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.430 W/kg**

Maximum value of SAR (measured) = 1.57 W/kg

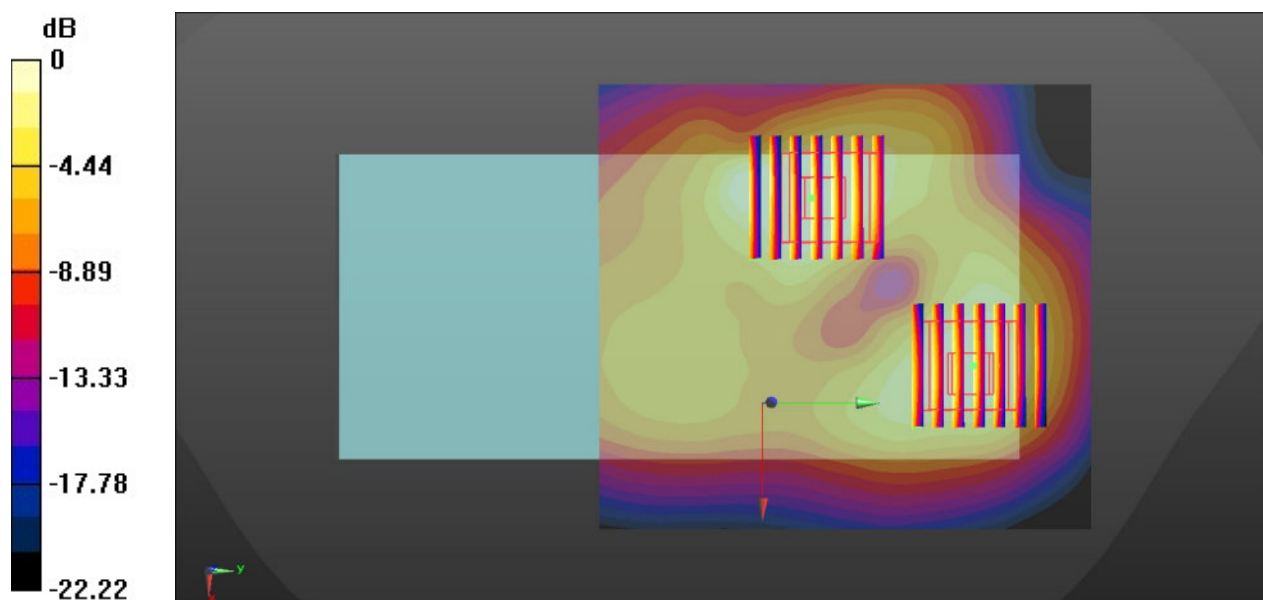
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.86 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 0.928 W/kg



**66\_Bluetooth\_1Mbps\_Back\_5mm\_Ch39**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.887$  S/m;  $\epsilon_r = 40.943$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(7.57, 7.57, 7.57); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.0612 W/kg

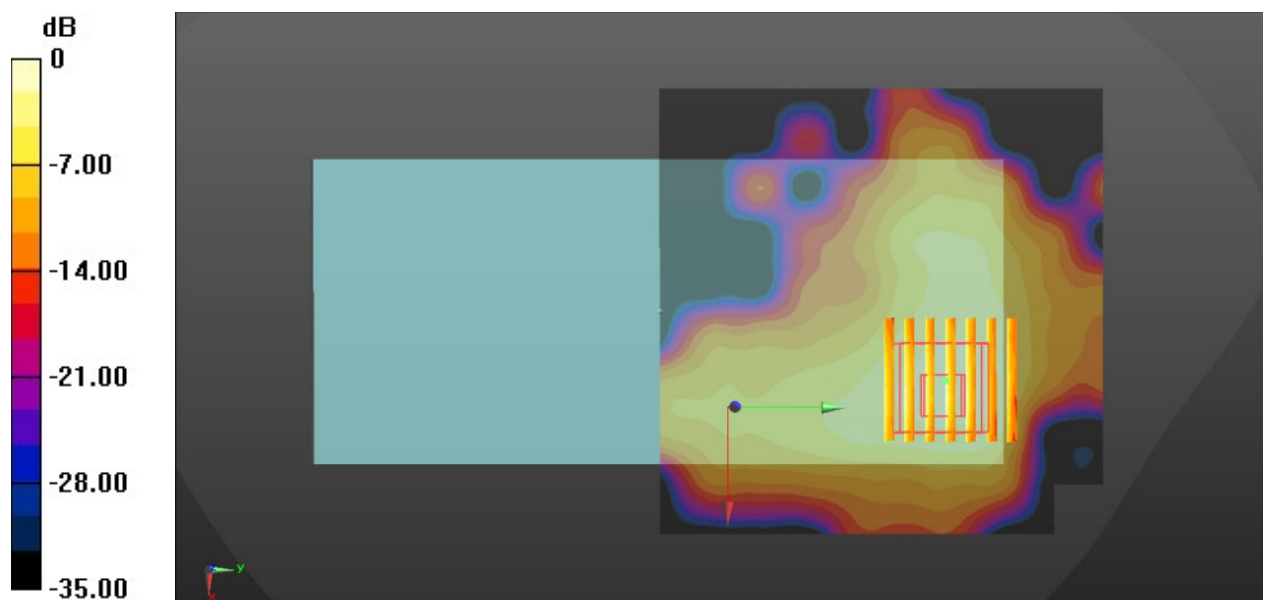
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.9960 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0810 W/kg

**SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0669 W/kg



0 dB = 0.0669 W/kg = -11.75 dBW/kg

**67\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_5mm\_Ch58**

Communication System: UID 0, 802.11ac (0); Frequency: 5290 MHz; Duty Cycle: 1:1  
Medium: HSL\_5000 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.839$  S/m;  $\epsilon_r = 35.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7592; ConvF(5.24, 5.24, 5.24); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.50 W/kg

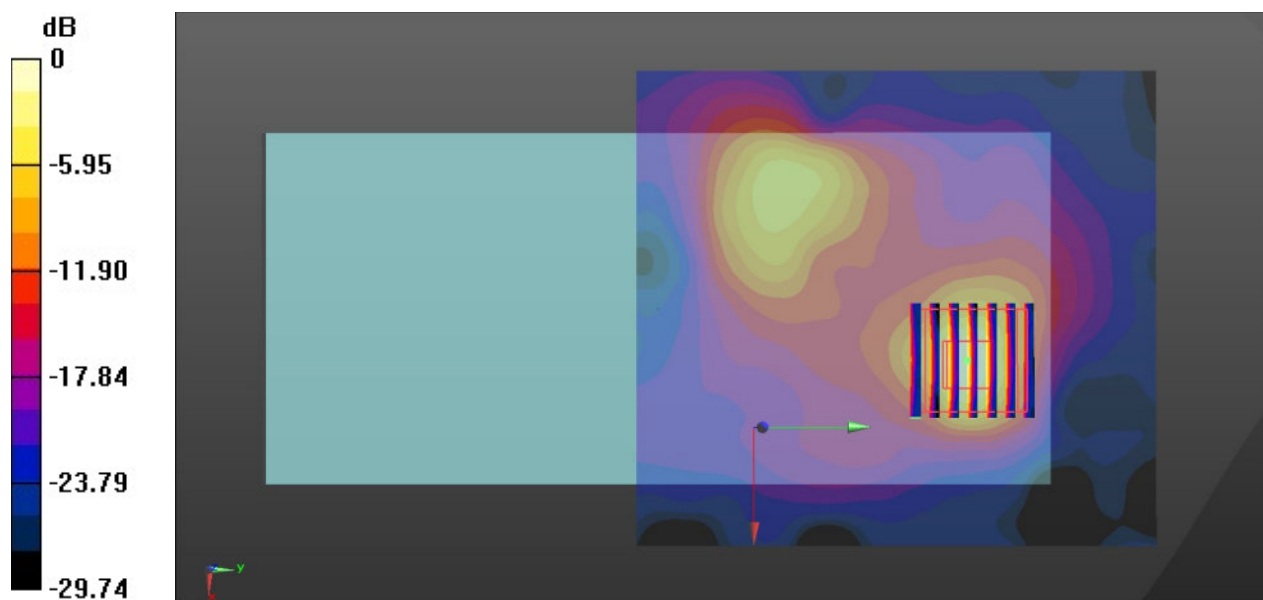
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.493 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.85 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.258 W/kg**

Maximum value of SAR (measured) = 2.53 W/kg



0 dB = 2.53 W/kg = 4.03 dBW/kg

**68\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_20mm\_Ch110**

Communication System: UID 0, 802.11n (0); Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: HSL\_5000 Medium parameters used:  $f = 5550$  MHz;  $\sigma = 4.984$  S/m;  $\epsilon_r = 34.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(4.65, 4.65, 4.65); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.905 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.20 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.441 W/kg**

Maximum value of SAR (measured) = 2.65 W/kg

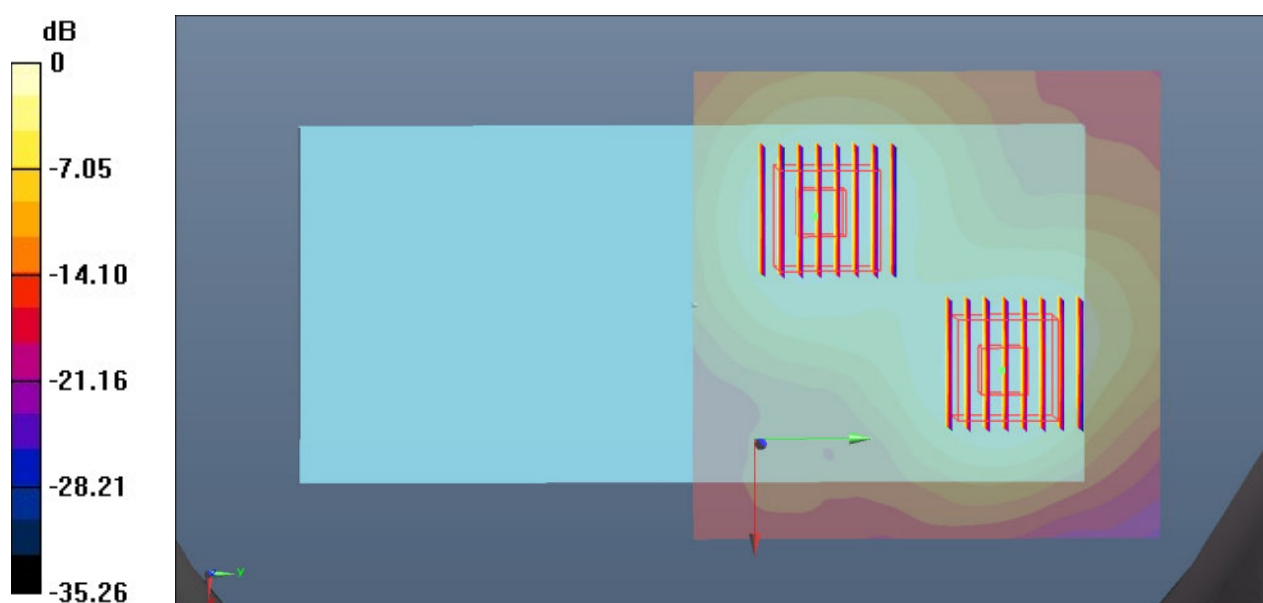
**Zoom Scan (8x8x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.905 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.97 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.417 W/kg**

Maximum value of SAR (measured) = 2.44 W/kg



**69\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_5mm\_Ch155**

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL\_5000 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.405$  S/m;  $\epsilon_r = 34.881$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7592; ConvF(4.69, 4.69, 4.69); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.13 W/kg

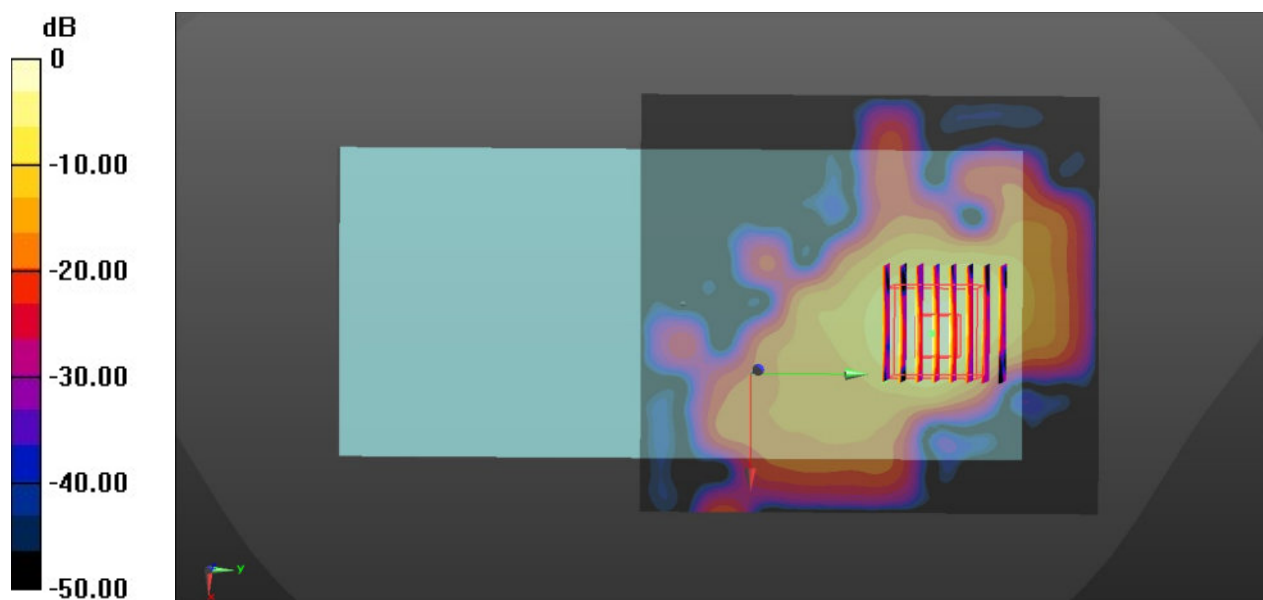
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.658 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.49 W/kg

**SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.196 W/kg**

Maximum value of SAR (measured) = 2.02 W/kg



0 dB = 2.02 W/kg = 3.05 dBW/kg

**70\_GSM850\_GPRS 3 Tx slots\_Back\_0mm\_Ch128**

Communication System: UID 0, GSM850 (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.891$  S/m;  $\epsilon_r = 41.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.58 W/kg

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

Reference Value = 21.31 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 3.66 W/kg; SAR(10 g) = 1.81 W/kg**

Maximum value of SAR (measured) = 8.17 W/kg

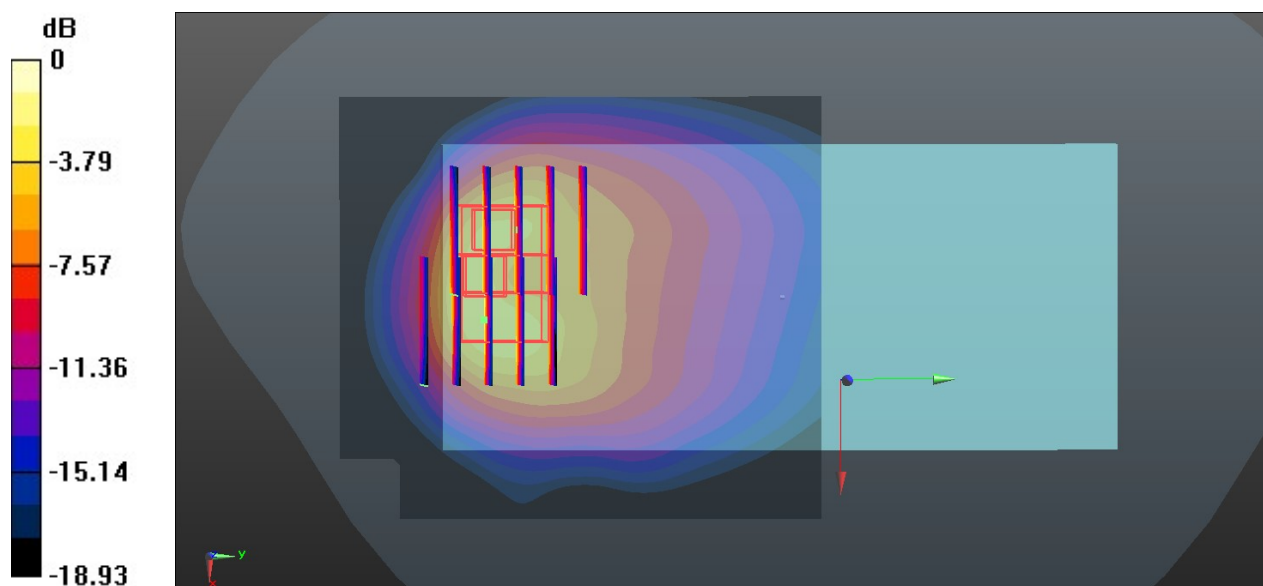
**Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.31 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 10.0 W/kg

**SAR(1 g) = 3.52 W/kg; SAR(10 g) = 1.75 W/kg**

Maximum value of SAR (measured) = 8.09 W/kg



0 dB = 8.17 W/kg = 9.13 dBW/kg

**71\_GSM1900\_GPRS 2 Tx slots\_Back\_0mm\_Ch661**

Communication System: UID 0, PCS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.376$  S/m;  $\epsilon_r = 39.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- 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) = 6.59 W/kg

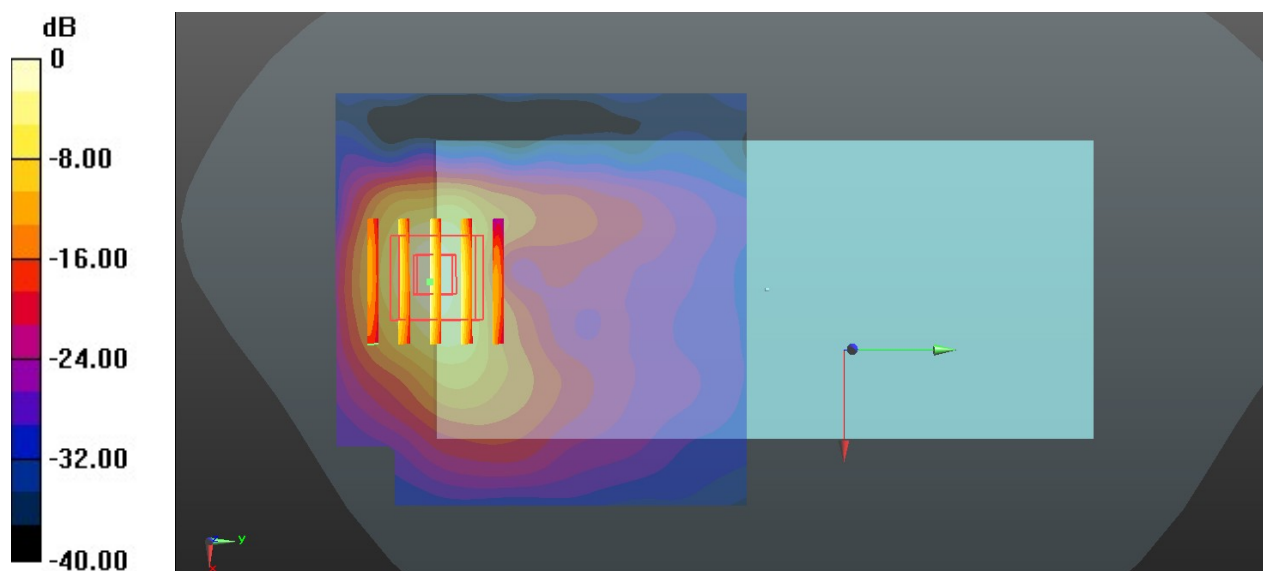
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 1.902 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 10.3 W/kg

**SAR(1 g) = 4.75 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 8.15 W/kg



0 dB = 8.15 W/kg = 9.11 dBW/kg

**72\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_0mm\_Ch1513**

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.36$  S/m;  $\epsilon_r = 39.047$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.9 W/kg

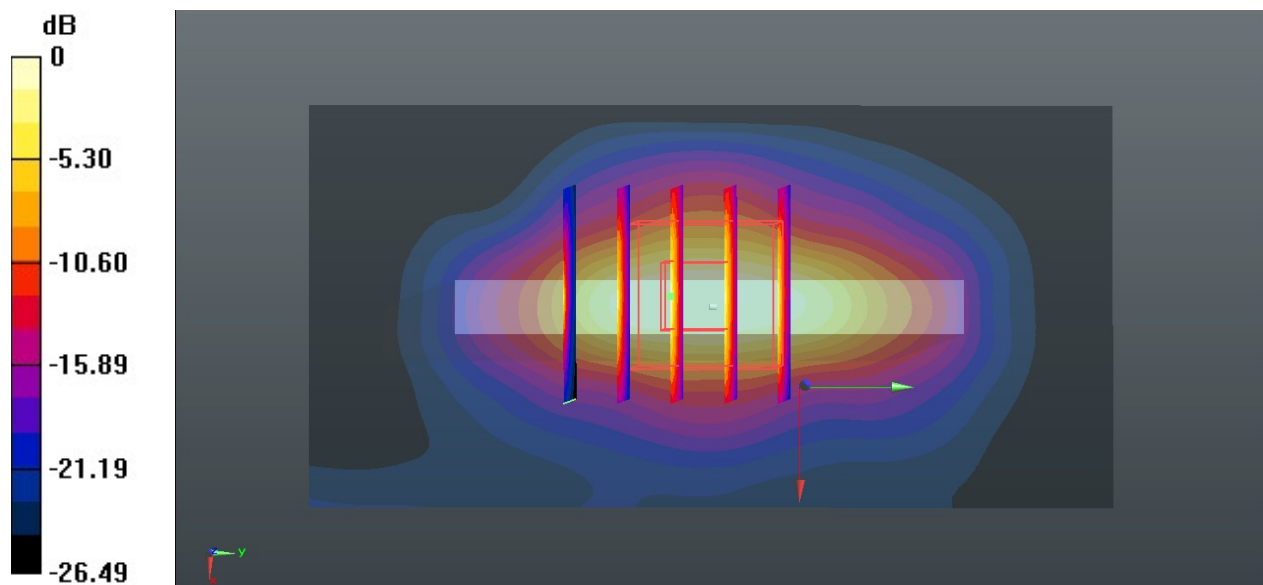
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.97 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 14.2 W/kg

**SAR(1 g) = 5.91 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.68 dBW/kg

**73\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_0mm\_Ch9262**

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.35$  S/m;  $\epsilon_r = 39.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.0 W/kg

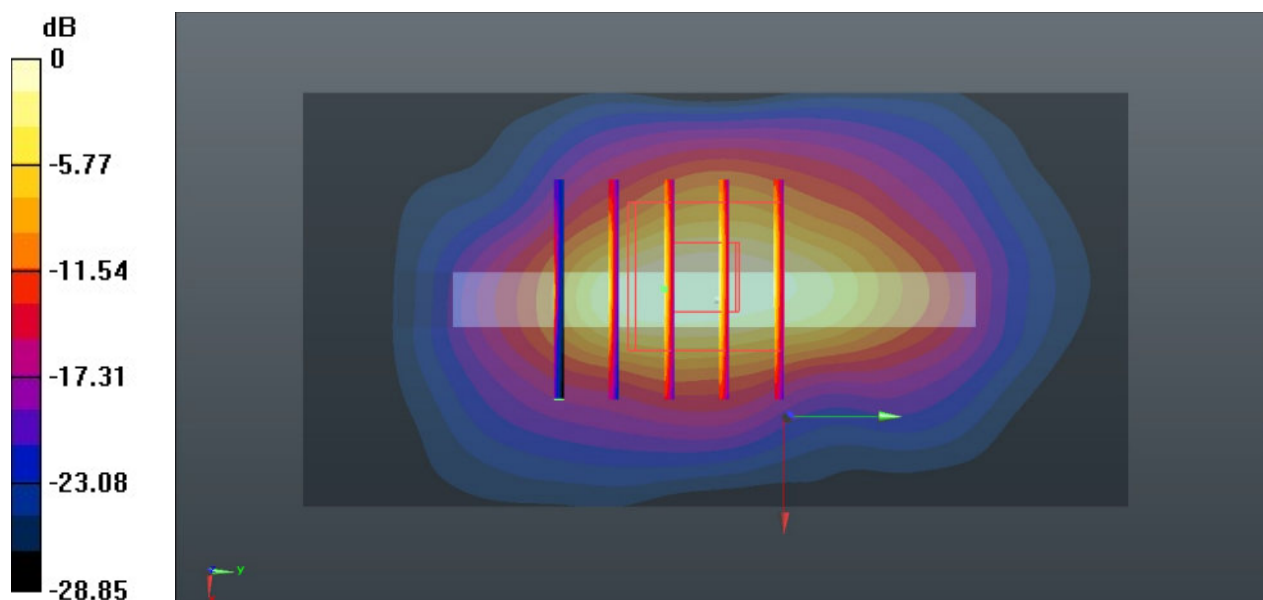
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.68 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 14.6 W/kg

**SAR(1 g) = 5.94 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg

**74\_CDMA2000 BC0\_RTAP 153.6Kbps \_Back\_0mm\_Ch384**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.29 W/kg

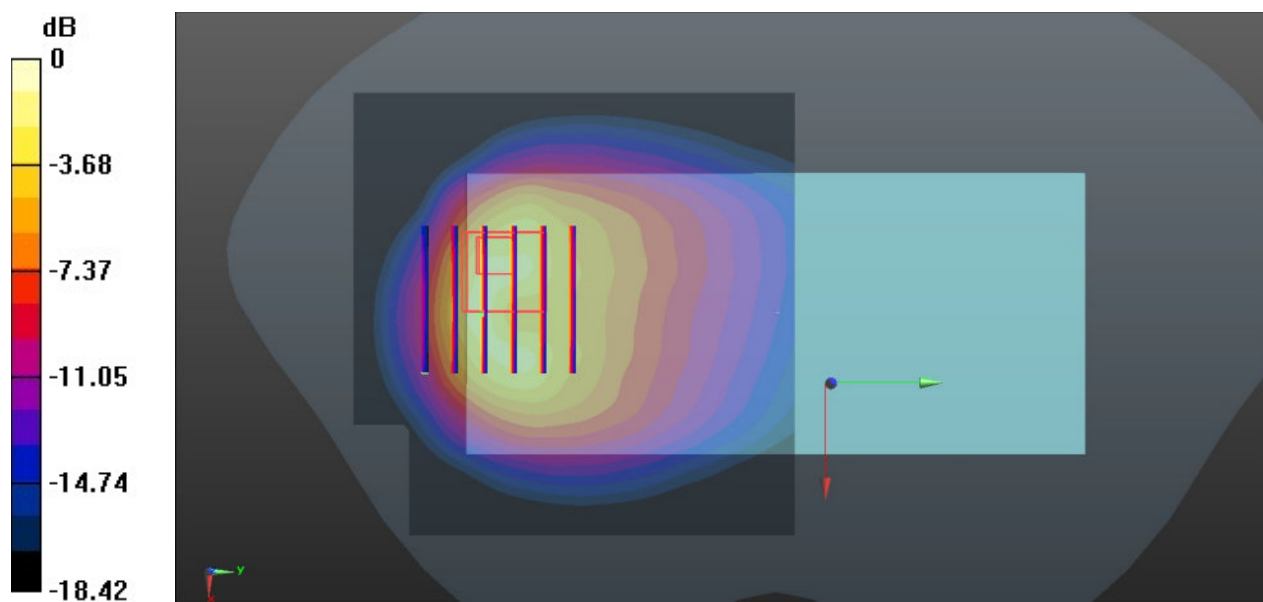
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.37 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 8.58 W/kg

**SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.37 W/kg**

Maximum value of SAR (measured) = 4.90 W/kg



0 dB = 4.90 W/kg = 6.90 dBW/kg

**75\_CDMA2000 BC1\_RTAP 153.6Kbps \_Bottom Side\_0mm\_Ch25**

Communication System: UID 0, CDMA (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.349$  S/m;  $\epsilon_r = 39.242$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.5 W/kg

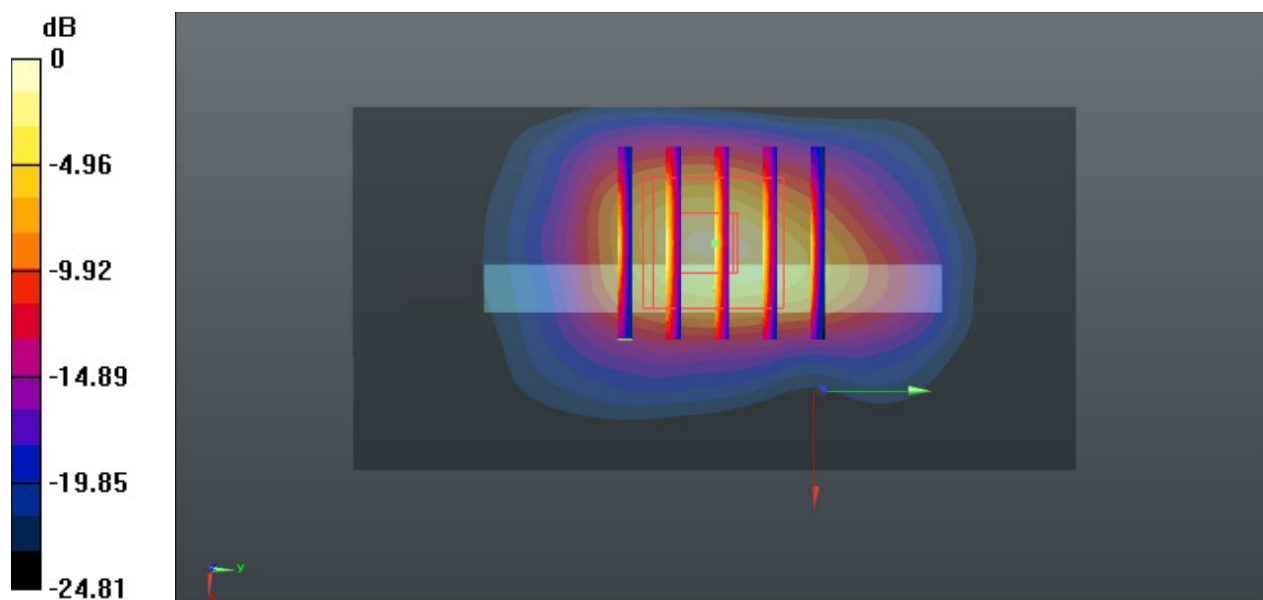
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.01 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 17.2 W/kg

**SAR(1 g) = 6.92 W/kg; SAR(10 g) = 2.86 W/kg**

Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg = 11.34 dBW/kg

**76\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Back\_0mm\_Ch26865**

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.64 W/kg

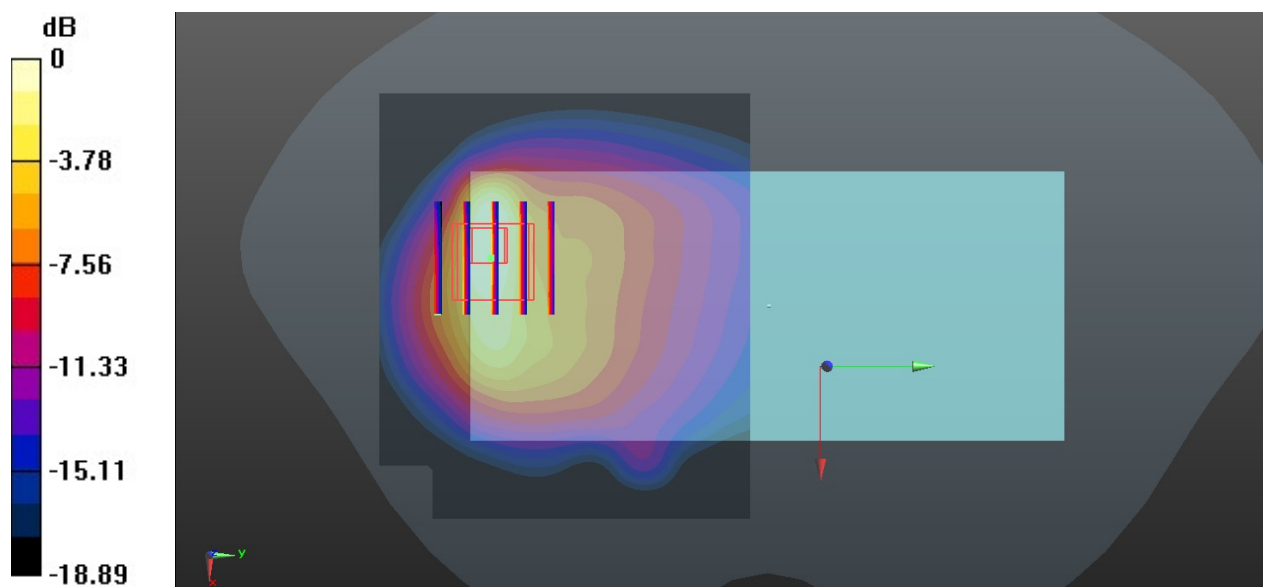
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.36 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 9.60 W/kg

**SAR(1 g) = 3.18 W/kg; SAR(10 g) = 1.52 W/kg**

Maximum value of SAR (measured) = 6.70 W/kg



0 dB = 6.70 W/kg = 8.26 dBW/kg

**77\_LTE Band 66\_20M\_QPSK\_50RB\_0Offset\_Bottom Side\_0mm\_Ch132322**

Communication System: UID 0, LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 39.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.2 W/kg

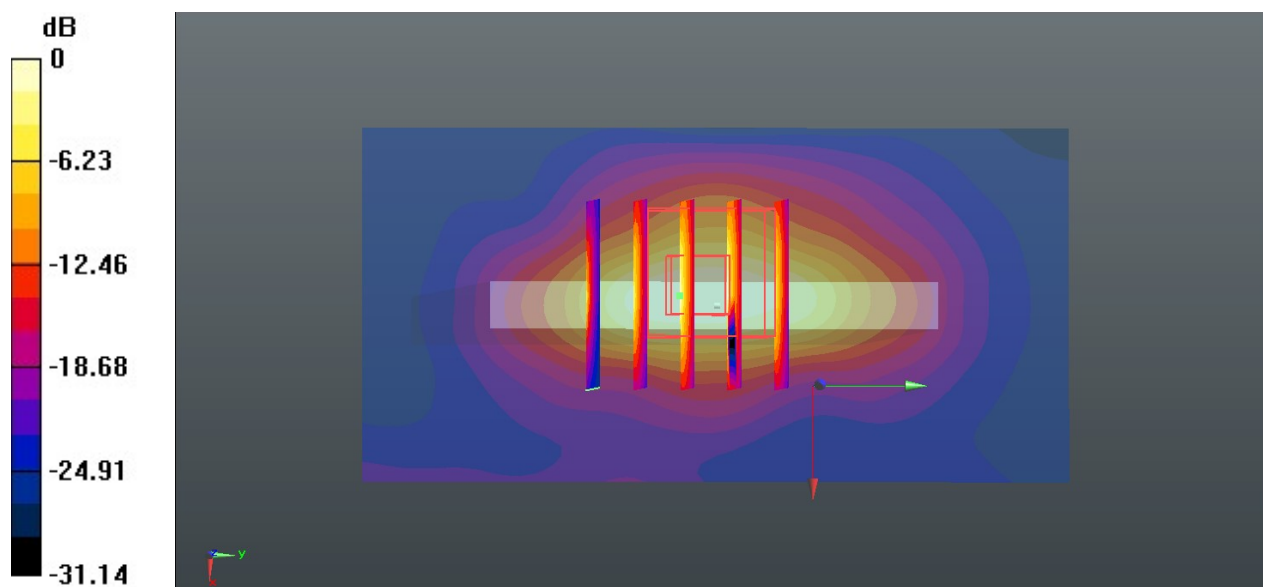
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.17 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 18.7 W/kg

**SAR(1 g) = 5.83 W/kg; SAR(10 g) = 2.27 W/kg**

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 11.4 dBW/kg

**78\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_0mm\_Ch18700**

Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.358$  S/m;  $\epsilon_r = 39.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.4 W/kg

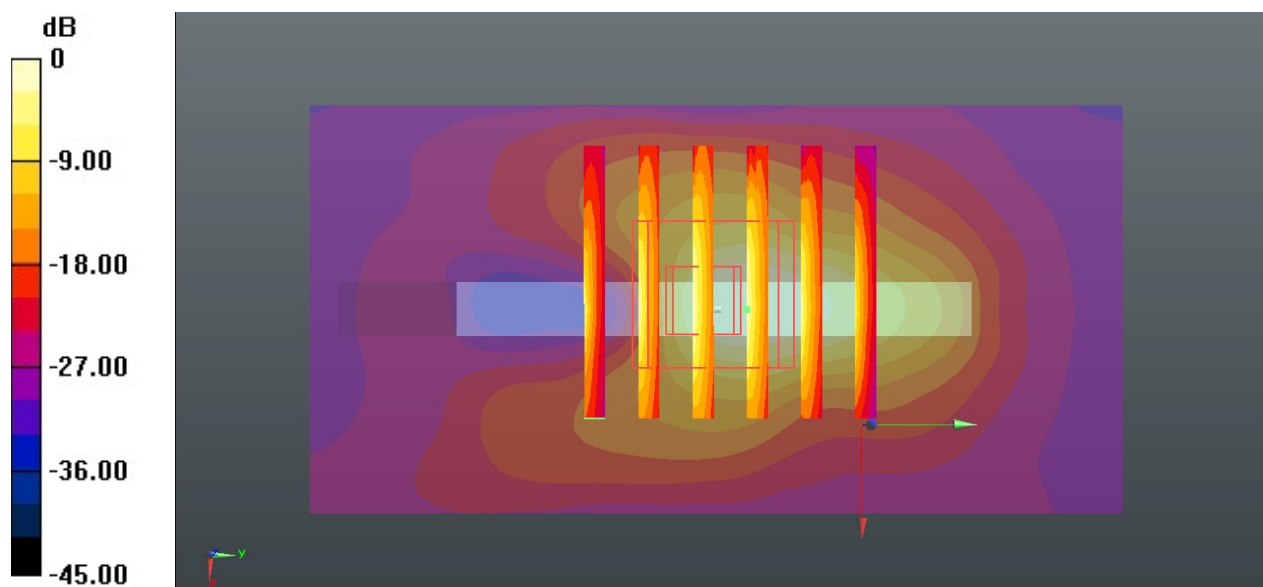
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.78 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 14.8 W/kg

**SAR(1 g) = 5.99 W/kg; SAR(10 g) = 2.47 W/kg**

Maximum value of SAR (measured) = 11.6 W/kg



**79\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_9mm\_Ch21100**

Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.951$  S/m;  $\epsilon_r = 38.117$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 8.71 W/kg

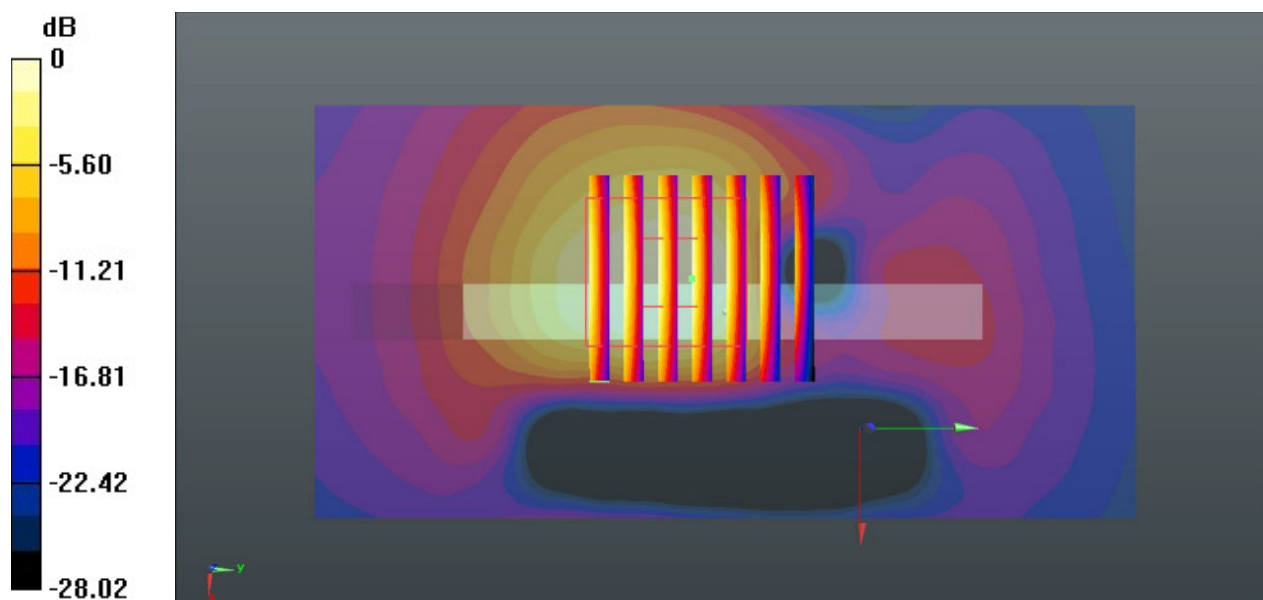
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.98 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.66 W/kg

**SAR(1 g) = 3.69 W/kg; SAR(10 g) = 1.7 W/kg**

Maximum value of SAR (measured) = 6.04 W/kg



0 dB = 6.04 W/kg = 7.81 dBW/kg

**80\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Back\_0mm\_Ch41055**

Communication System: UID 0, LTE-TDD (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2637$  MHz;  $\sigma = 2.07$  S/m;  $\epsilon_r = 37.698$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 8.93 W/kg

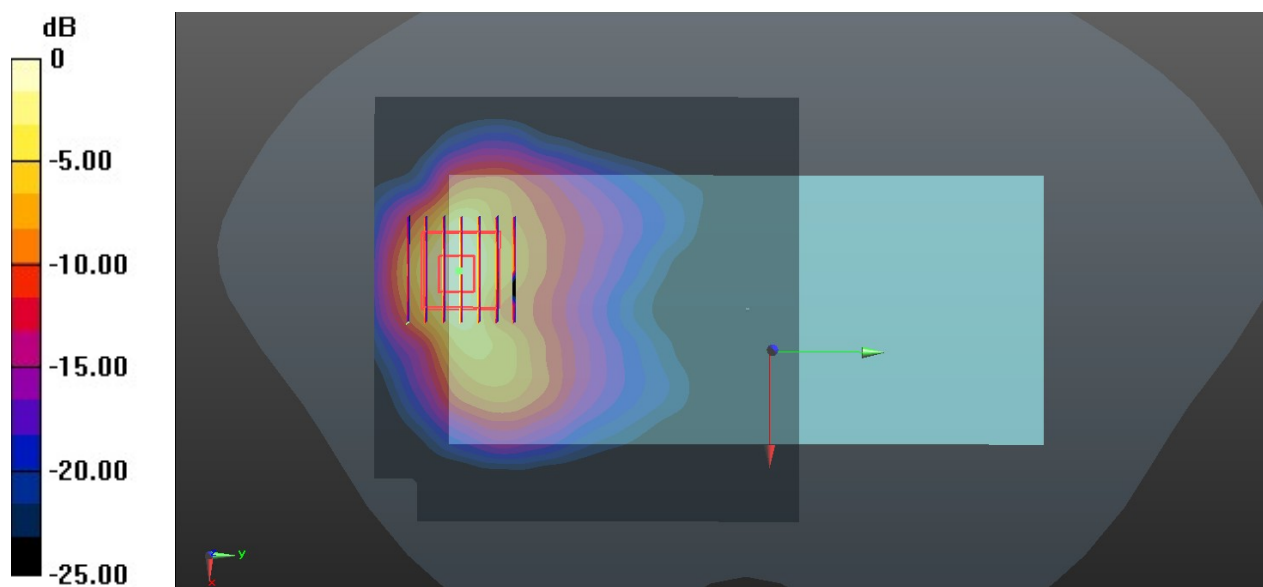
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.608 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 13.0 W/kg

**SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 9.28 W/kg



0 dB = 9.28 W/kg = 9.68 dBW/kg

**81\_FR1 N7\_20M\_QPSK\_1RB\_53Offset\_Back\_4mm\_Ch507000**

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.951$  S/m;  $\epsilon_r = 38.117$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.26 W/kg

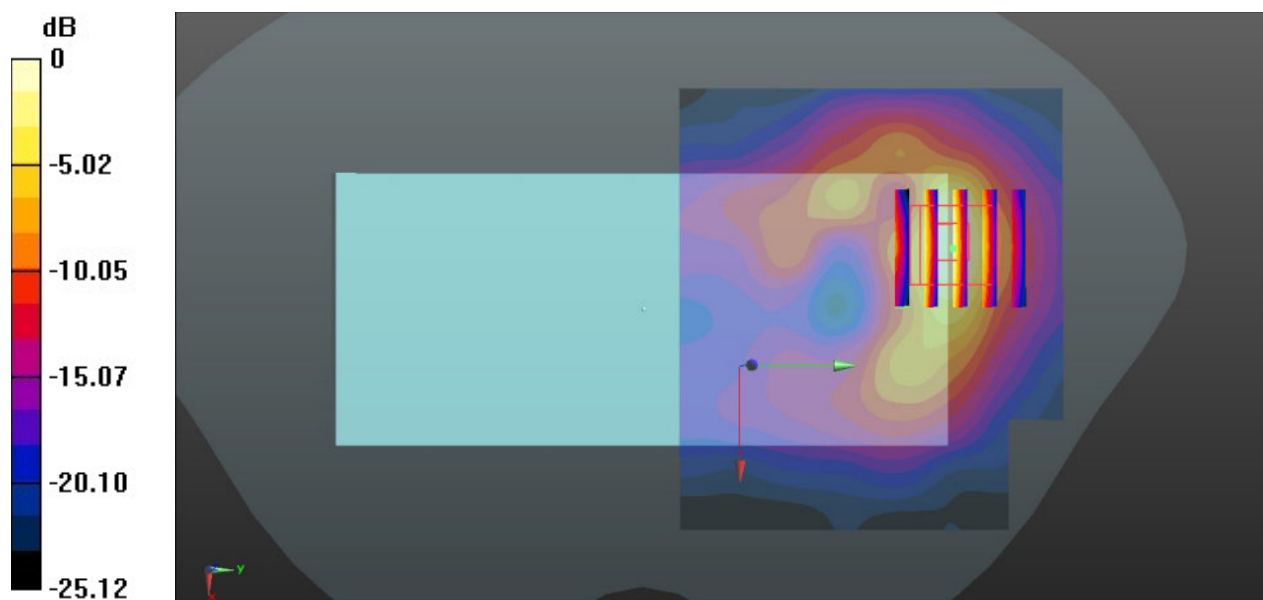
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.407 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.60 W/kg

**SAR(1 g) = 2.74 W/kg; SAR(10 g) = 1.16 W/kg**

Maximum value of SAR (measured) = 4.31 W/kg



0 dB = 4.31 W/kg = 6.34 dBW/kg

**82\_FR1 N66\_20M\_QPSK\_1RB\_53Offset\_Back\_4mm\_Ch349000**

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 39.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2020.4.28
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.54 W/kg

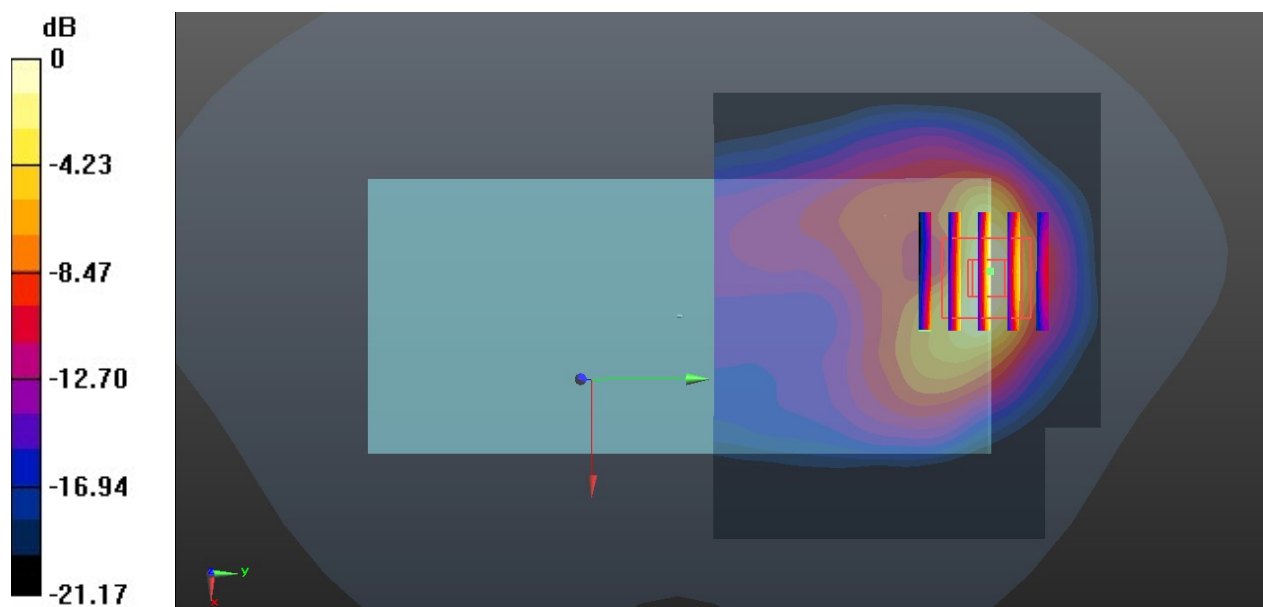
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.07 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.56 W/kg

**SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.19 W/kg**

Maximum value of SAR (measured) = 5.36 W/kg



0 dB = 5.36 W/kg = 7.29 dBW/kg

**83\_FR1 N77\_100M\_QPSK\_135RB\_69Offset\_Back\_0mm\_Ch656000**

Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL\_3900 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.132$  S/m;  $\epsilon_r = 38.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(6.43, 6.43, 6.43); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.4 W/kg

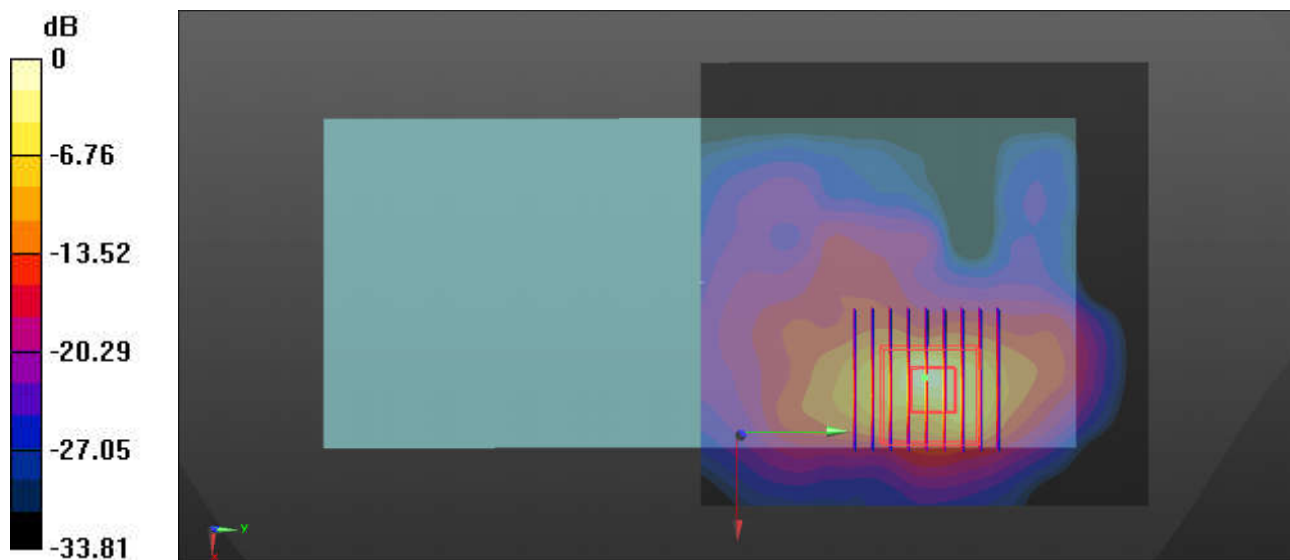
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.819 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 26.6 W/kg

**SAR(1 g) = 5.57 W/kg; SAR(10 g) = 1.39 W/kg**

Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg = 11.24 dBW/kg