

**#01\_GSM850\_GPRS (4 Tx slots)\_Left Cheek\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_200810 Medium parameters used :  $f = 848.8$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.371$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.28, 6.28, 6.28) @ 848.8 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY4, Version 4.7 (80); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.661 W/kg

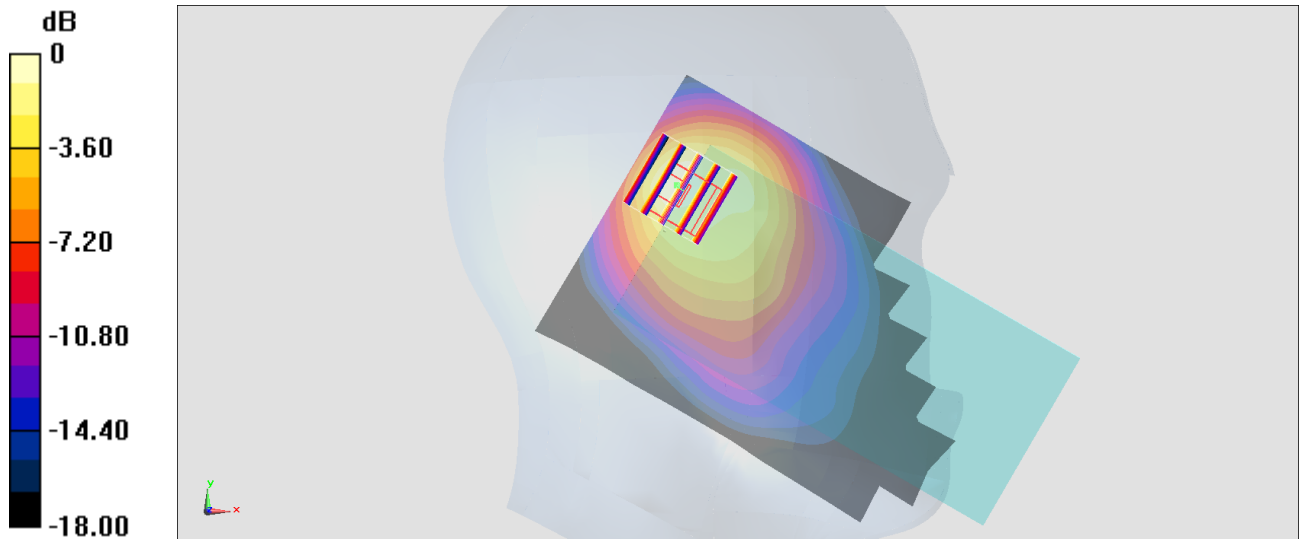
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.03 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.250 W/kg**

Maximum value of SAR (measured) = 0.602 W/kg



0 dB = 0.661 W/kg = -1.80 dBW/kg

**#02\_GSM1900\_GPRS (2 Tx slots)\_Right Cheek\_Ch661**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL\_1900\_200811 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 39.515$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.31, 5.31, 5.31) @ 1880 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY4, Version 4.7 (80); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.454 W/kg

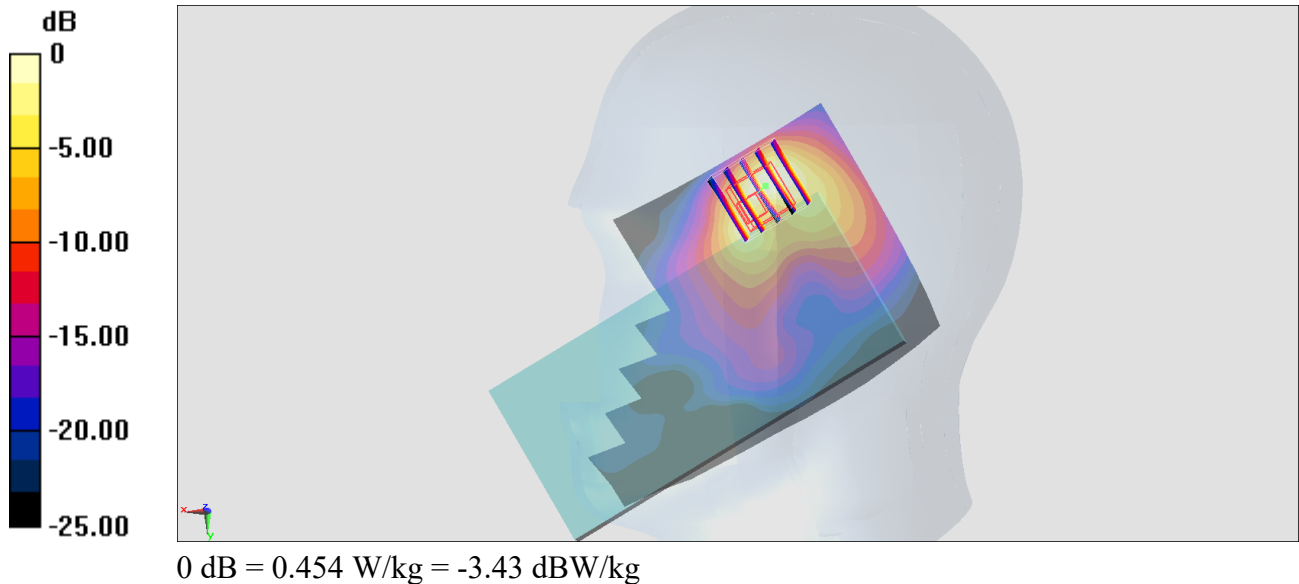
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.038 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.869 W/kg

**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.585 W/kg



**#03\_WCDMA II\_RMC 12.2kbps\_Right Cheek\_Ch9400**

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

Medium: HSL\_1900\_200825 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 38.446$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.35, 8.35, 8.35) @ 1880 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

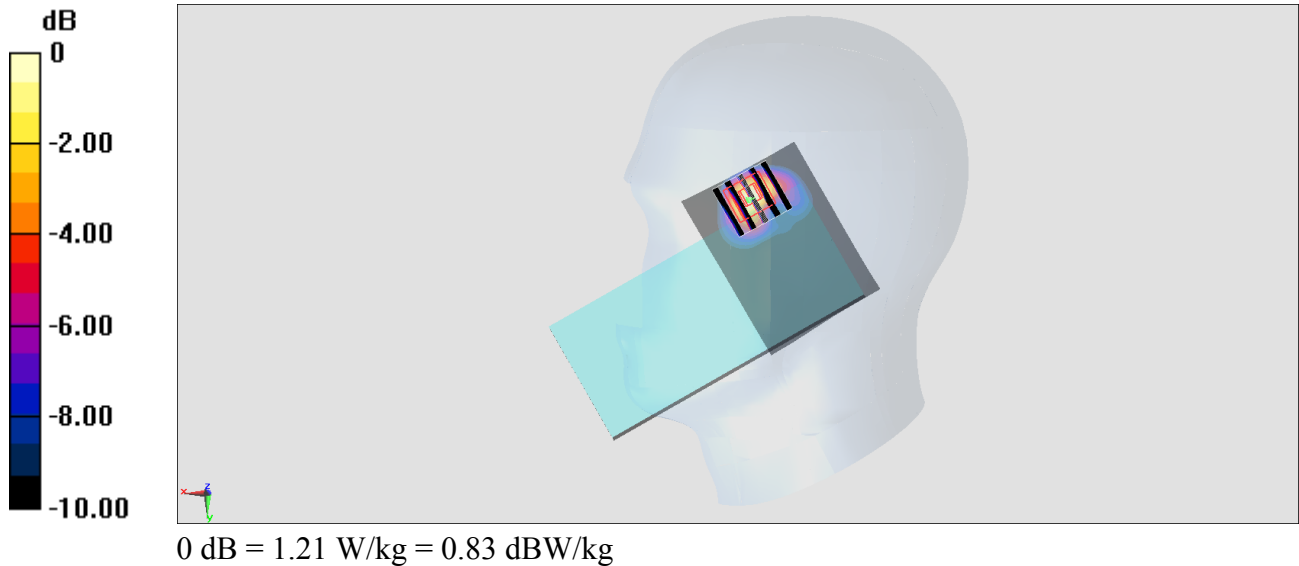
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.22 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.304 W/kg**

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



**#04\_WCDMA IV\_RMC 12.2kbps\_Right Cheek\_Ch1513**

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

Medium: HSL\_1750\_200825 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.375$  S/m;  $\epsilon_r = 40.937$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.7, 8.7, 8.7) @ 1752.6 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

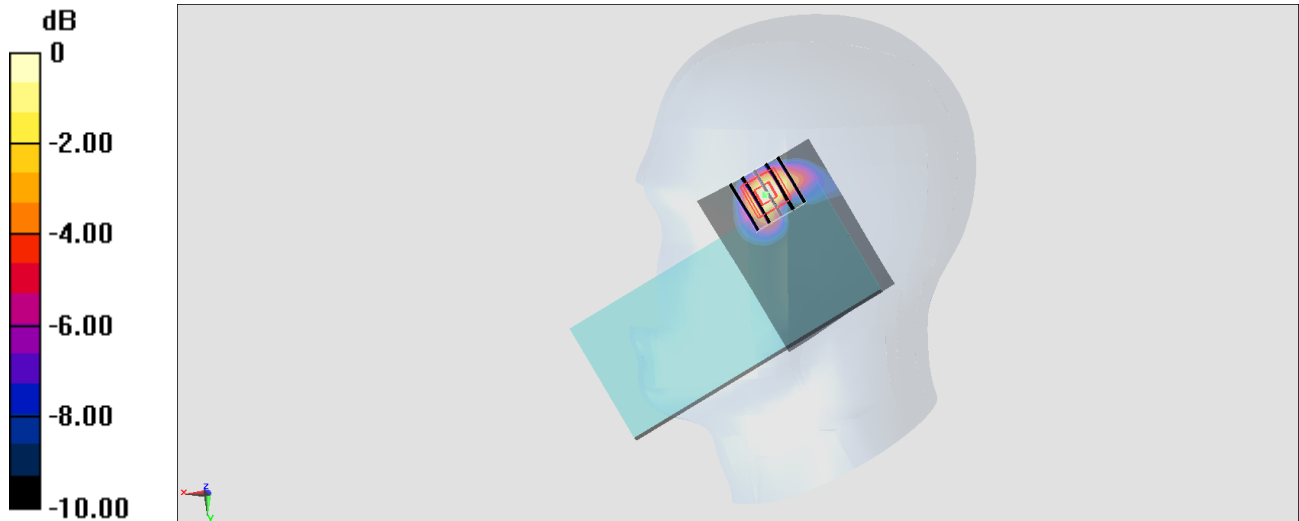
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.08 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.327 W/kg**

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



0 dB = 1.26 W/kg = 1.00 dBW/kg

**#05\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4182**

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

Medium: HSL\_850\_200826 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.871$  S/m;  $\epsilon_r = 42.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.12, 10.12, 10.12) @ 836.4 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.142 W/kg

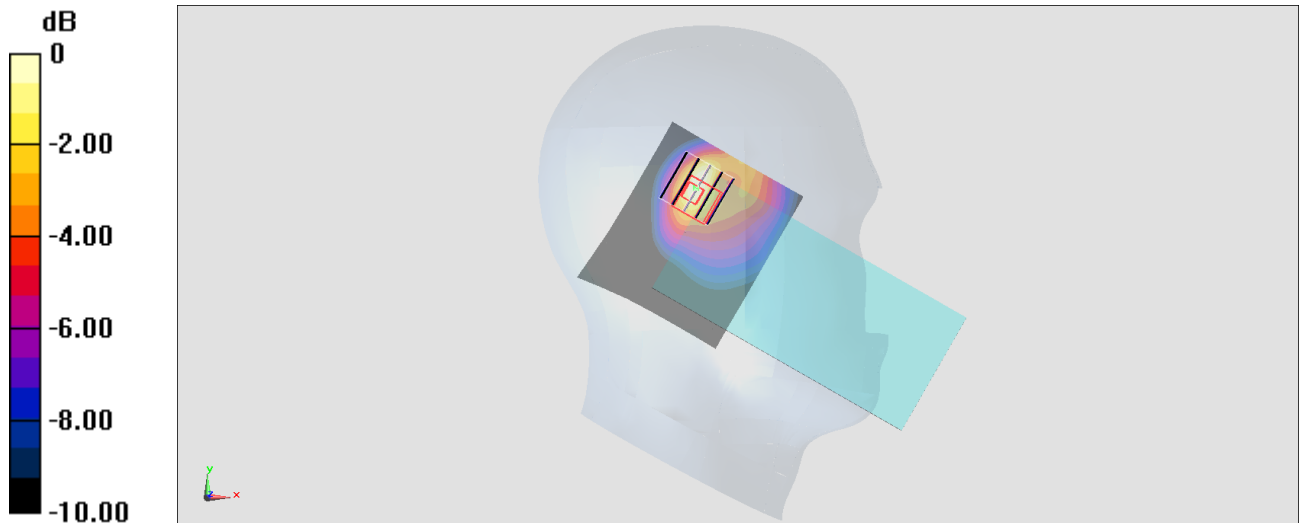
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.86 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.371 W/kg

**SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 1.077 W/kg



0 dB = 1.077 W/kg = 0.32 dBW/kg

**#06\_LTE Band 2\_20M\_QPSK\_1\_0\_Right Cheek\_Ch19100**

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

Medium: HSL\_1900\_200825 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 38.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925;ConvF(8.35, 8.35, 8.35) @ 1900 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.751 W/kg

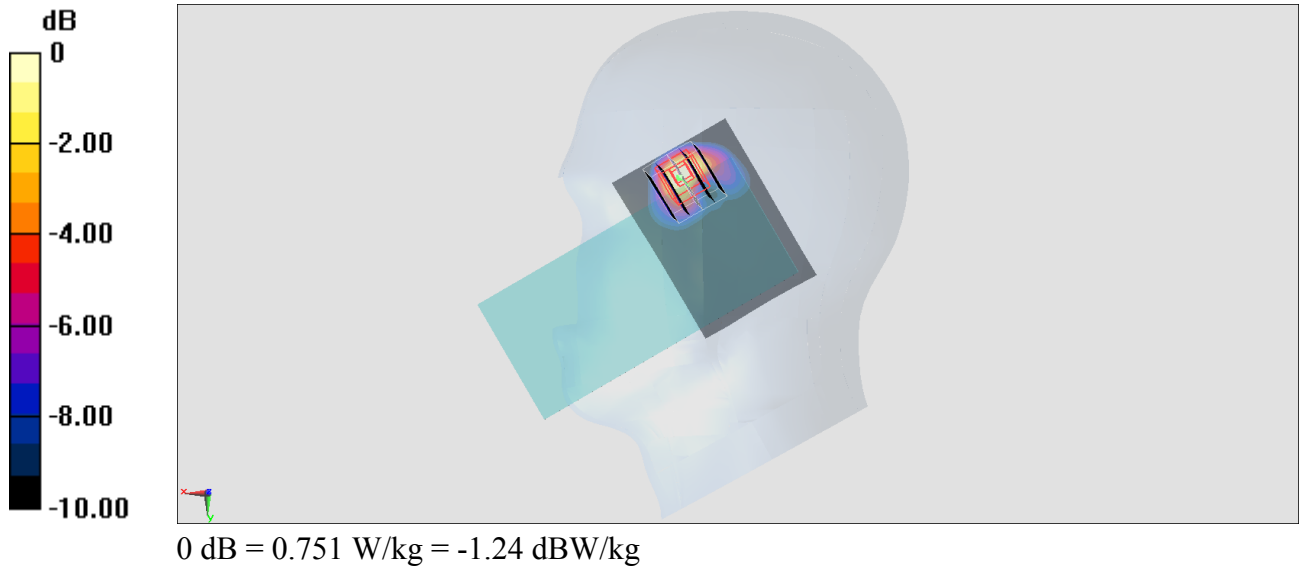
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.19 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.989 W/kg

**SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.786 W/kg



**#07\_LTE Band 5\_10M\_QPSK\_1\_0\_Left Cheek\_Ch20525**

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

Medium: HSL\_850\_200810 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.891$  S/m;  $\epsilon_r = 42.591$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.28, 6.28, 6.28) @ 836.5 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.667 W/kg

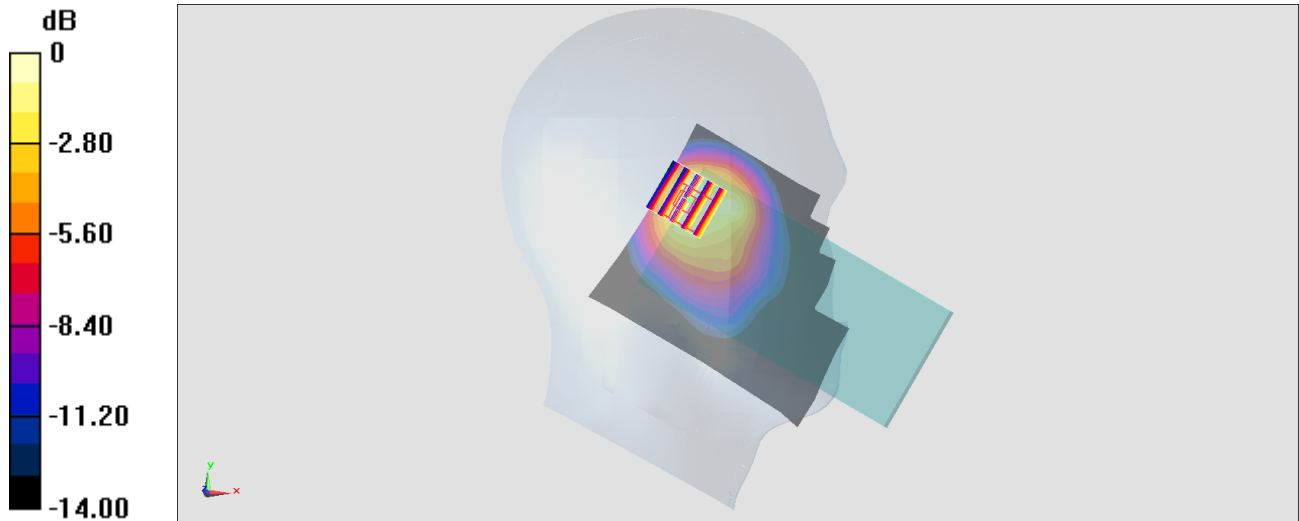
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.05 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.946 W/kg

**SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.271 W/kg**

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.667 W/kg = -1.76 dBW/kg

**#08\_LTE Band 7\_20M\_QPSK\_1\_0\_Right Cheek\_Ch21100**

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

Medium: HSL\_2600\_200825 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 1.884$  S/m;  $\epsilon_r = 38.134$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925;ConvF(7.5, 7.5, 7.5) @ 2535 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

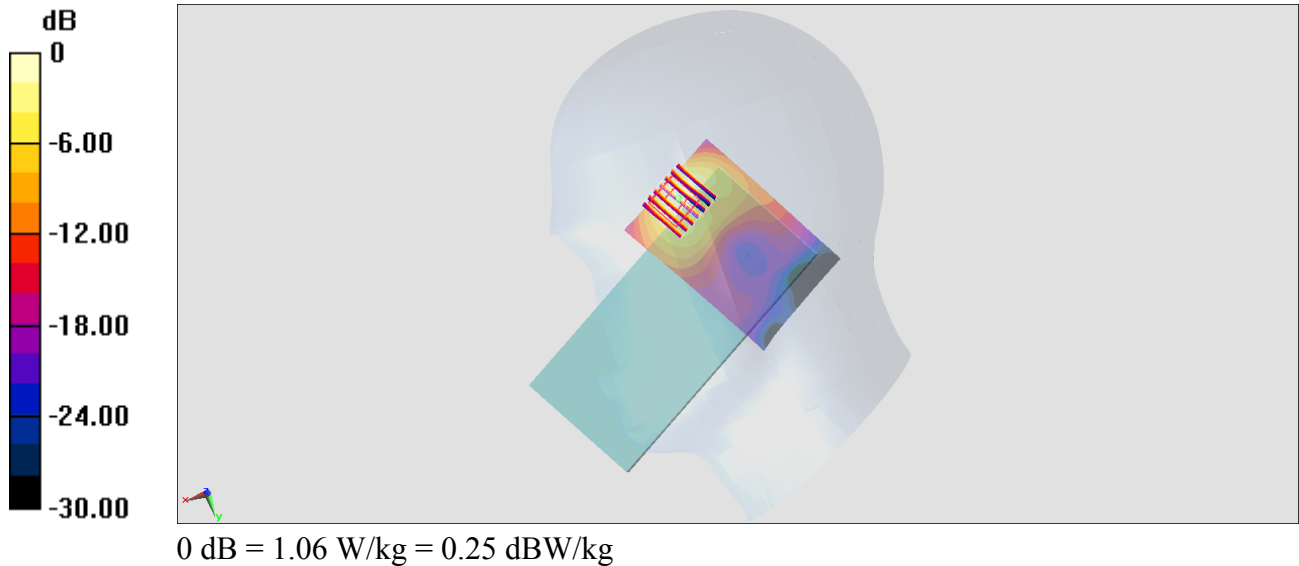
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.11 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.287 W/kg**

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





**#09\_LTE Band 12\_10M\_QPSK\_1\_0\_Left Cheek\_Ch23095**

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

Medium: HSL\_750\_200810 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.866$  S/m;  $\epsilon_r = 43.563$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.47, 6.47, 6.47) @ 707.5 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.467 W/kg

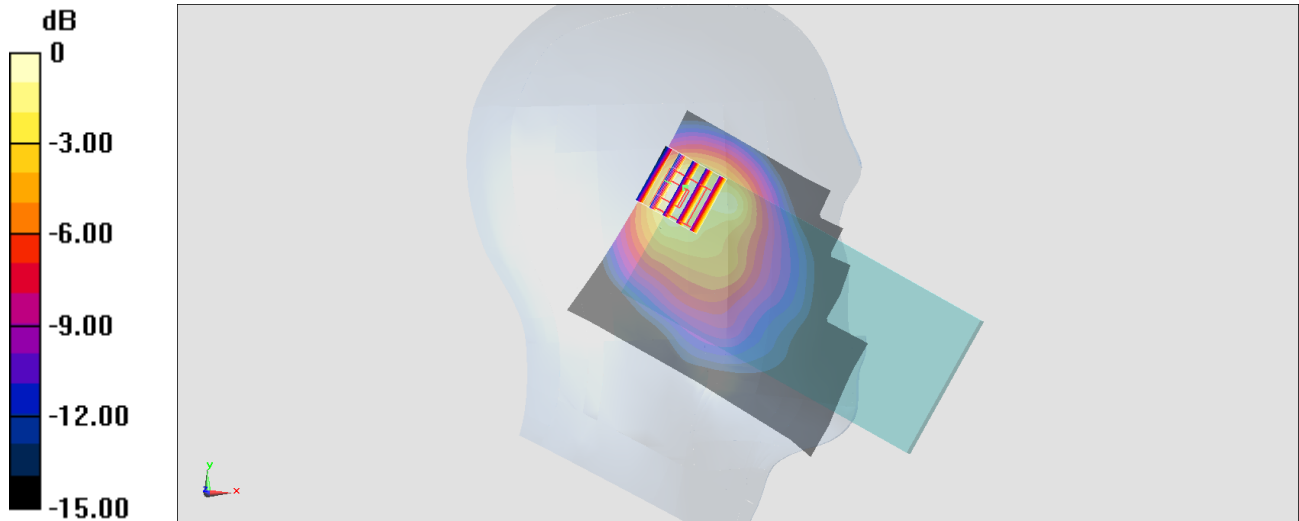
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.02 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.714 W/kg

**SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.467 W/kg = -3.31 dBW/kg

**#10\_LTE Band 13\_10M\_QPSK\_1\_0\_Left Cheek\_Ch23230**

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

Medium: HSL\_750\_200810 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.934 \text{ S/m}$ ;  $\epsilon_r = 42.548$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $22.4^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.47, 6.47, 6.47) @ 782 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.534 \text{ W/kg}$

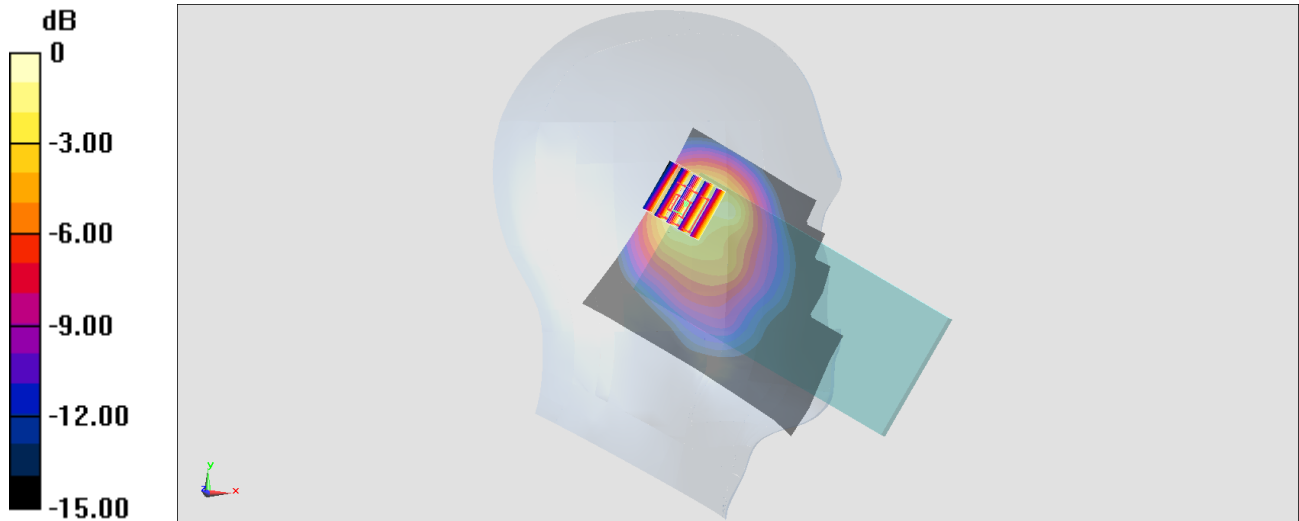
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.66 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.770 \text{ W/kg}$

**SAR(1 g) =  $0.374 \text{ W/kg}$ ; SAR(10 g) =  $0.210 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.466 \text{ W/kg}$



$0 \text{ dB} = 0.534 \text{ W/kg} = -2.73 \text{ dBW/kg}$

**#11\_LTE Band 66\_20M\_QPSK\_1\_0\_Right Cheek\_Ch132572**

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

Medium: HSL\_1750\_200825 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.392$  S/m;  $\epsilon_r = 40.865$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925;ConvF(8.7, 8.7, 8.7) @ 1770 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x51x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.746 W/kg

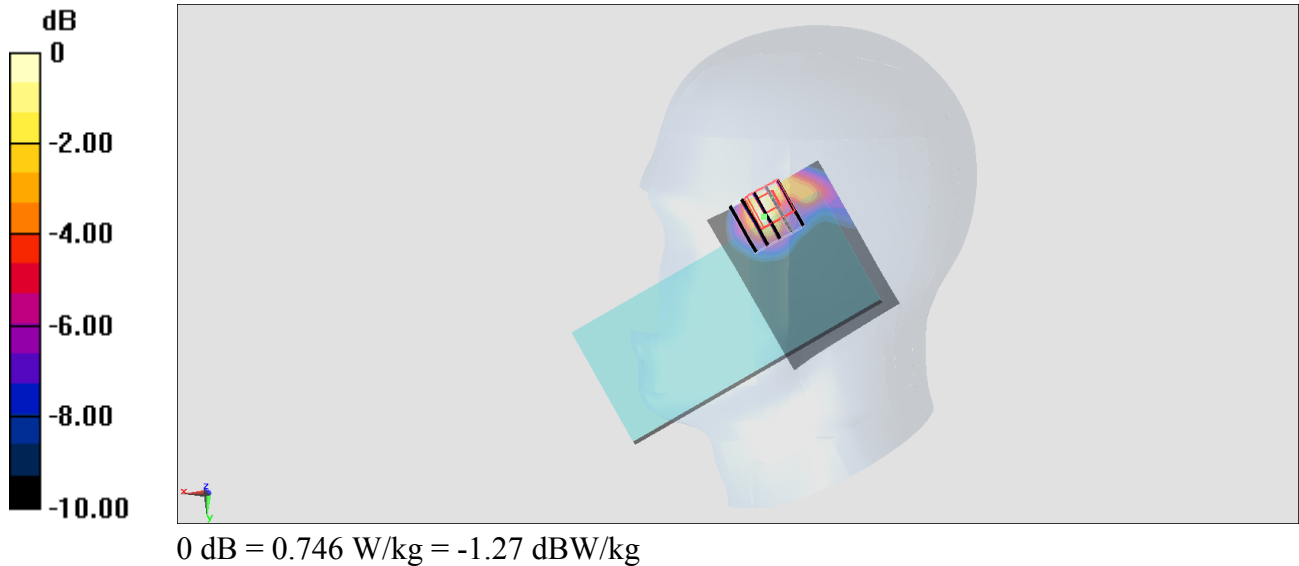
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 24.81 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.305 W/kg**

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



**#12\_LTE Band 48\_20M\_QPSK\_1\_0\_Left Tilted\_Ch56640**

Communication System: LTE ; Frequency: 3690 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3700\_200824 Medium parameters used :  $f = 3690$  MHz;  $\sigma = 3.092$  S/m;  $\epsilon_r = 37.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(6.97, 6.97, 6.97) @ 3690 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

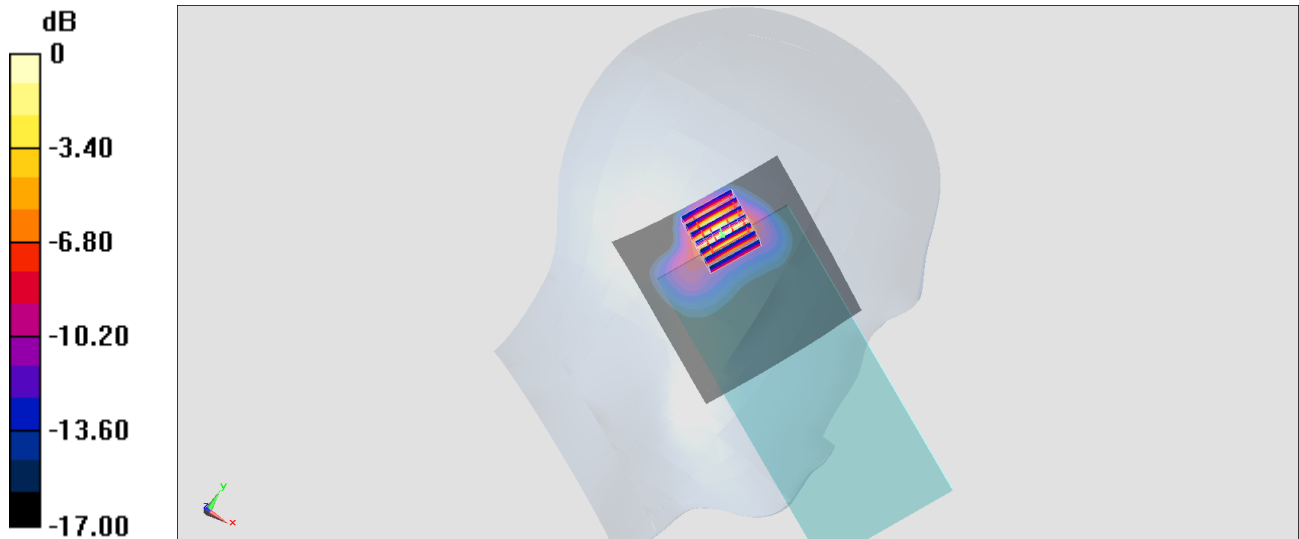
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 16.06 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.232 W/kg**

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



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

**#13\_FR1 n2\_20M\_BPSK\_1\_1\_Right Cheek\_Ch372000**

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

Medium: HSL\_1900\_200728 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 39.708$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1860 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

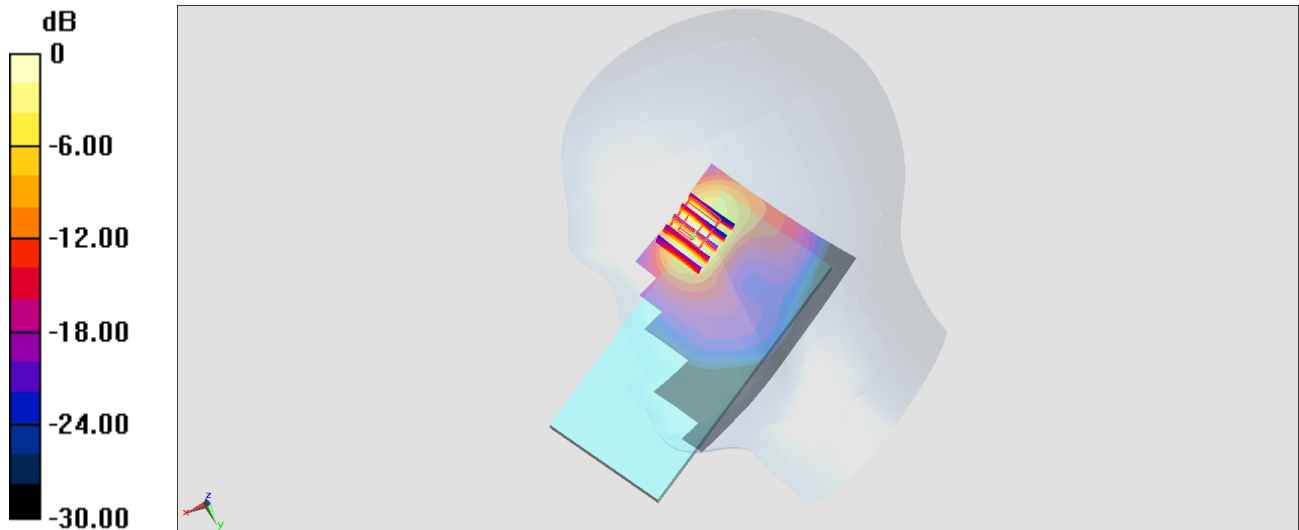
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.17 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.323 W/kg**

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



0 dB = 1.41 W/kg = 1.49 dBW/kg

**#14\_FR1 n5\_20M\_BPSK\_1\_1\_Left Cheek\_Ch167300**

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

Medium: HSL\_850\_200727 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 43.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.378 W/kg

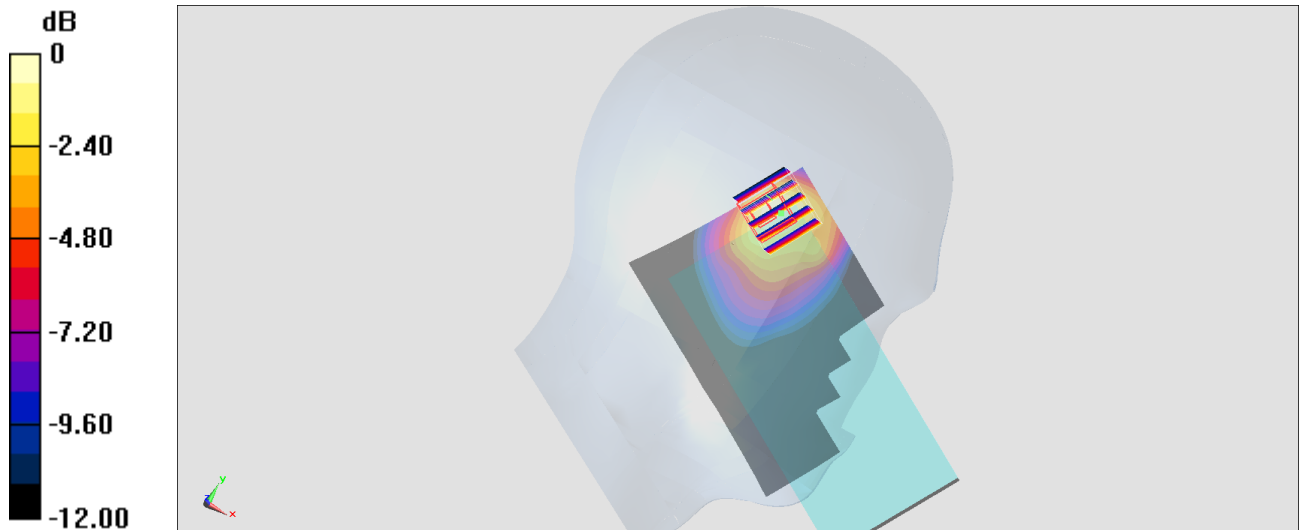
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.50 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.627 W/kg

**SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.378 W/kg = -4.23 dBW/kg

**#15\_FR1 n66\_40M\_BPSK\_1\_1\_Right Cheek\_Ch349000**

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

Medium: HSL\_1750\_200727 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 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 1.39 W/kg

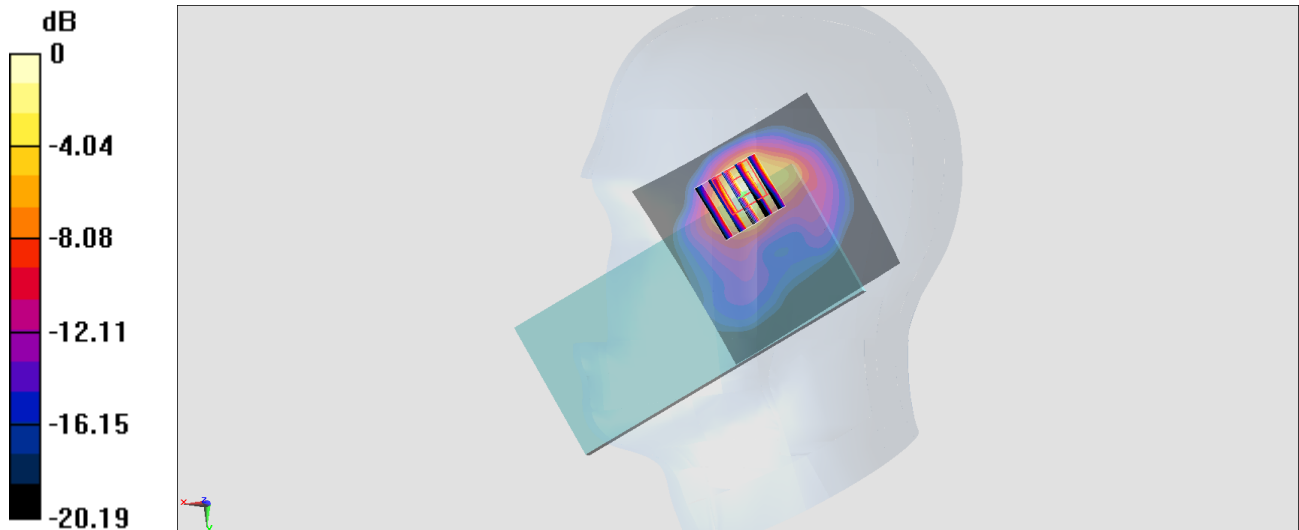
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.01 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.37 W/kg

**SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

**#16\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch1:Ant 8**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_200726 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.754$  S/m;  $\epsilon_r = 39.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2412 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

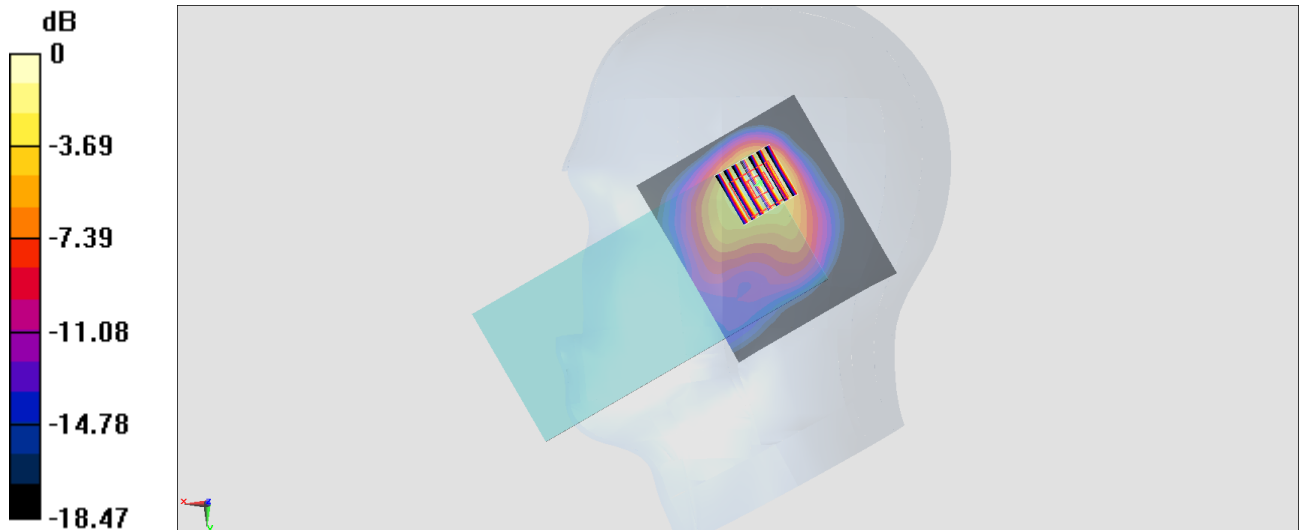
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.37 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.391 W/kg**

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



0 dB = 1.21 W/kg = 0.83 dBW/kg



**#17\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch42;Ant 9**

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.074

Medium: HSL\_5G\_200822 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.572$  S/m;  $\epsilon_r = 35.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5210 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.372 W/kg

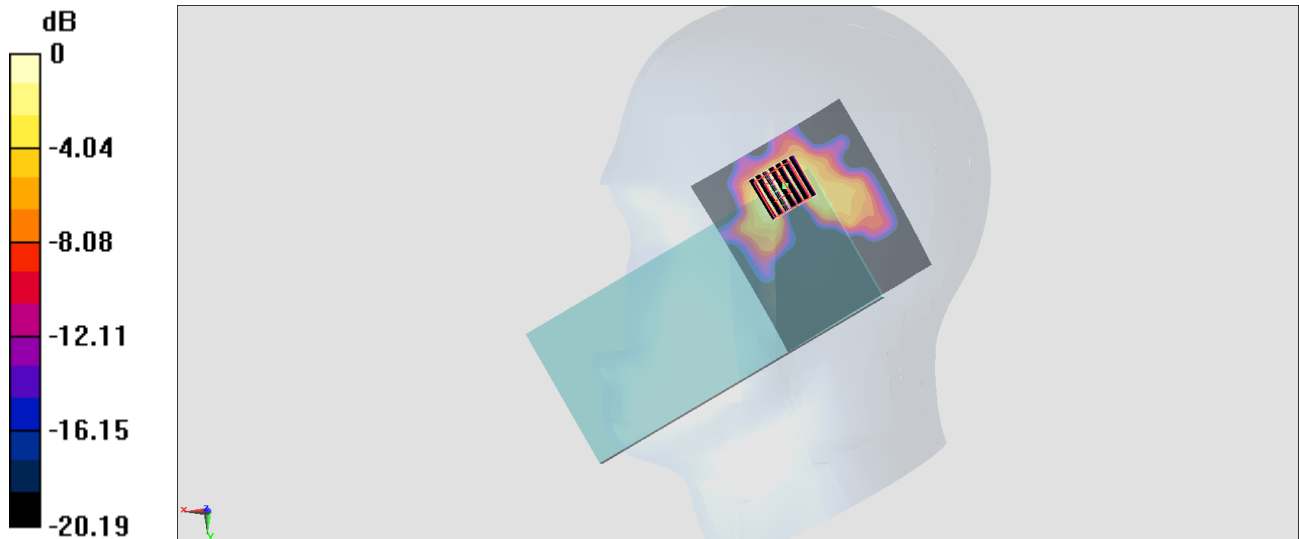
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 7.767 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.728 W/kg

**SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.047 W/kg**

Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

**#18\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch52;Ant 9**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_200726 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.572$  S/m;  $\epsilon_r = 36.089$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5260 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.828 W/kg

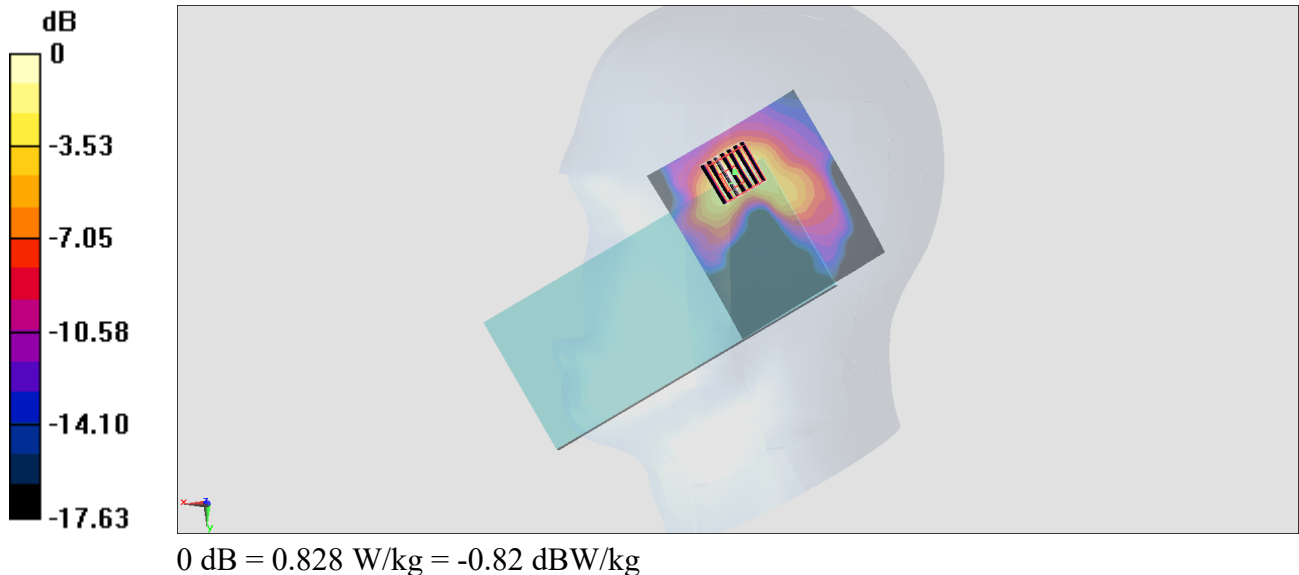
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.59 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.948 W/kg



**#19\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch100;Ant 9+10**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_200728 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.864$  S/m;  $\epsilon_r = 37.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5500 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.630 W/kg

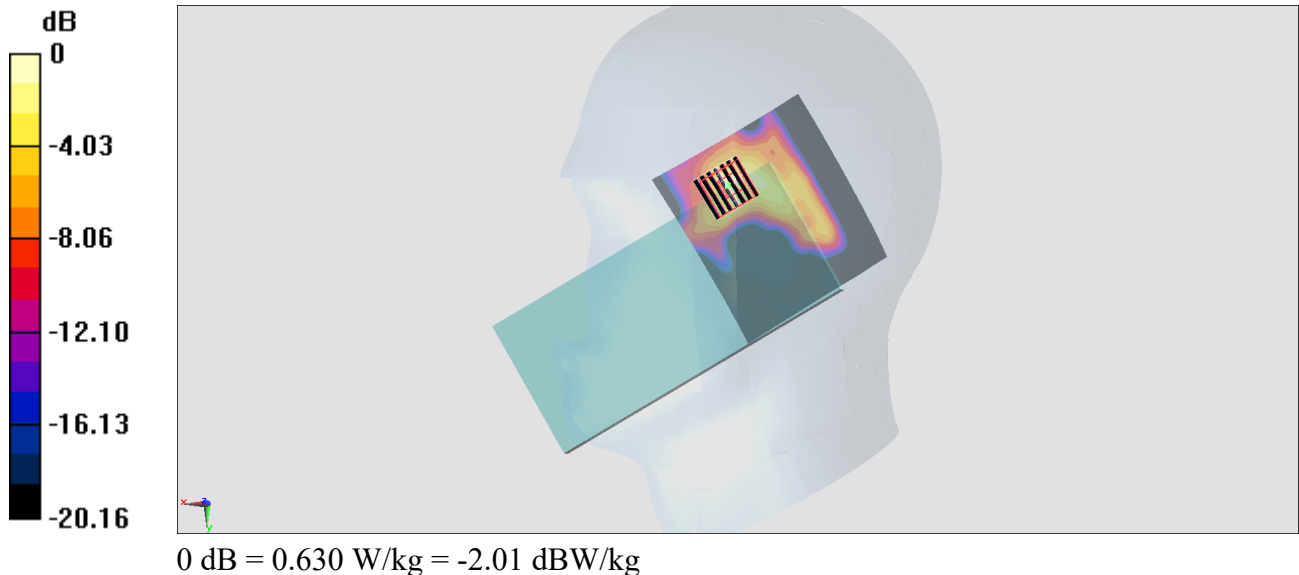
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.60 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.076 W/kg**

Maximum value of SAR (measured) = 0.729 W/kg



**#20\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch165;Ant 9+10**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_200728 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.226$  S/m;  $\epsilon_r = 36.639$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5825 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.576 W/kg

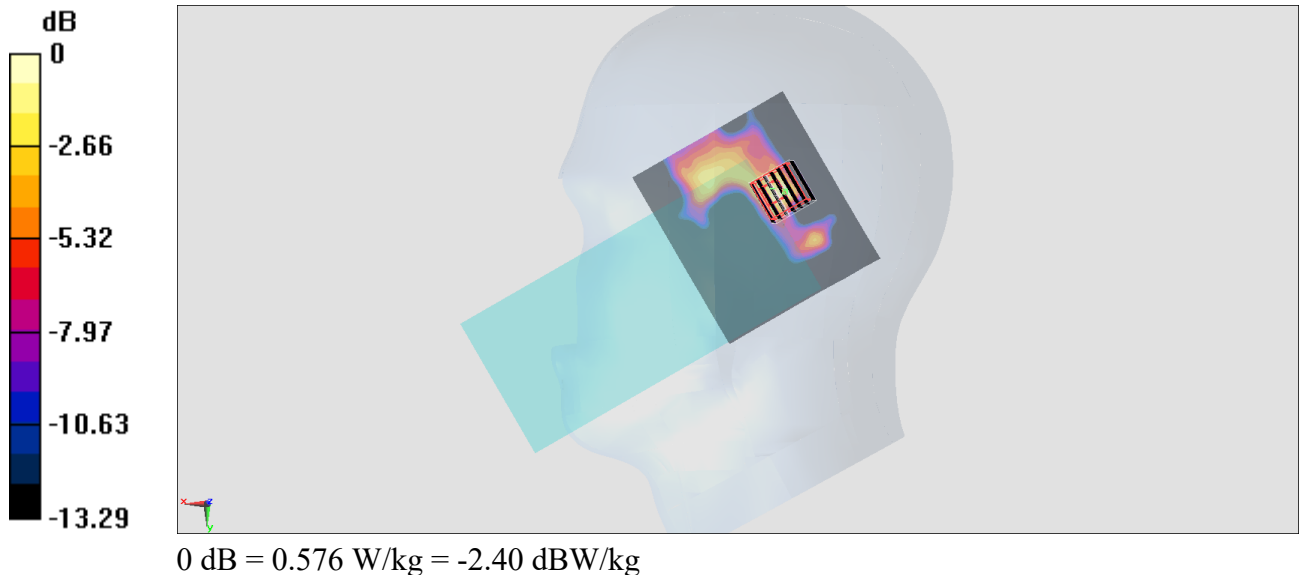
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.118 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.566 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.333 W/kg



**#21\_Bluetooth\_1Mbps\_Right Cheek\_Ch39;Ant 8**

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.303

Medium: HSL\_2450\_200726 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.799$  S/m;  $\epsilon_r = 38.899$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2441 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.286 W/kg

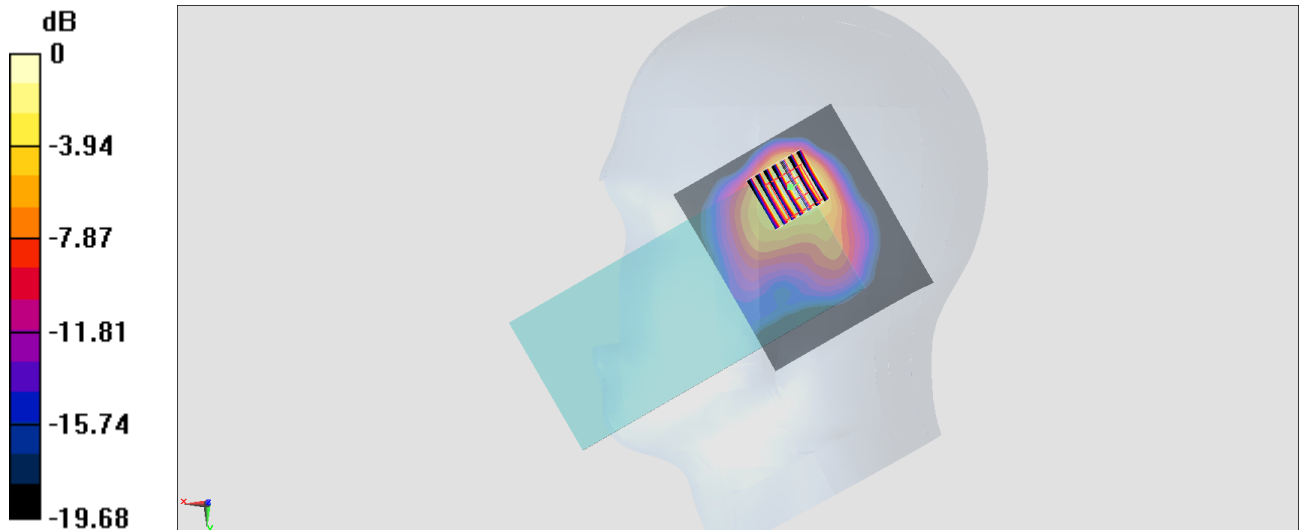
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.91 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.365 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.081 W/kg**

Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

**#22\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_200801 Medium parameters used :  $f = 848.8$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 42.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 848.8 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.397 W/kg

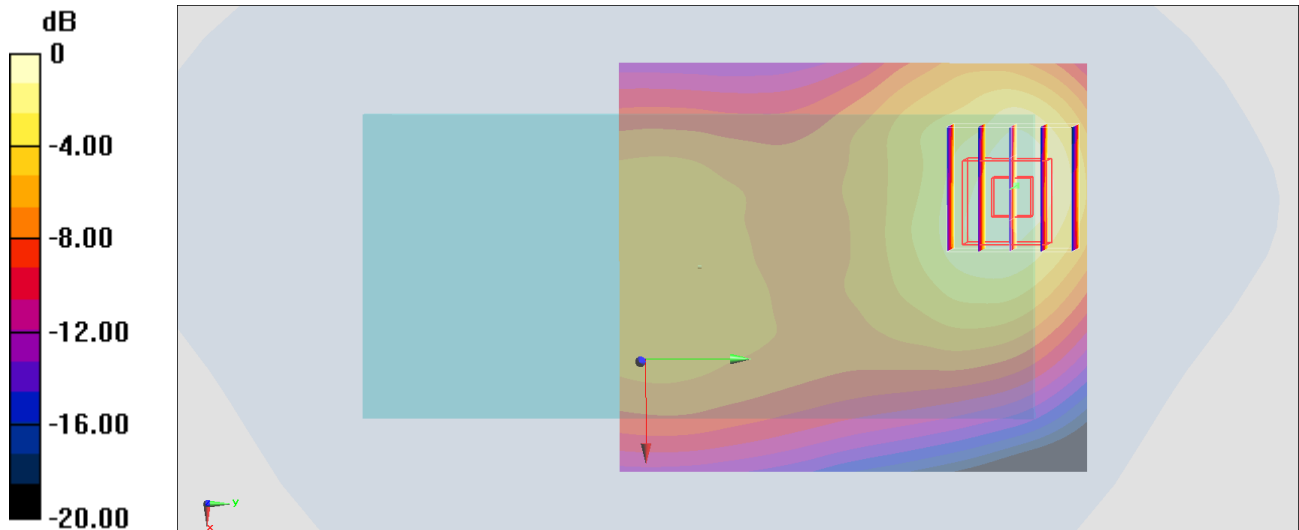
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.55 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.450 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.166 W/kg**

Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

**#23\_GSM1900\_GPRS (2 Tx slots)\_Bottom Side\_10mm\_Ch661**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL\_1900\_200802 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 39.246$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.669 W/kg

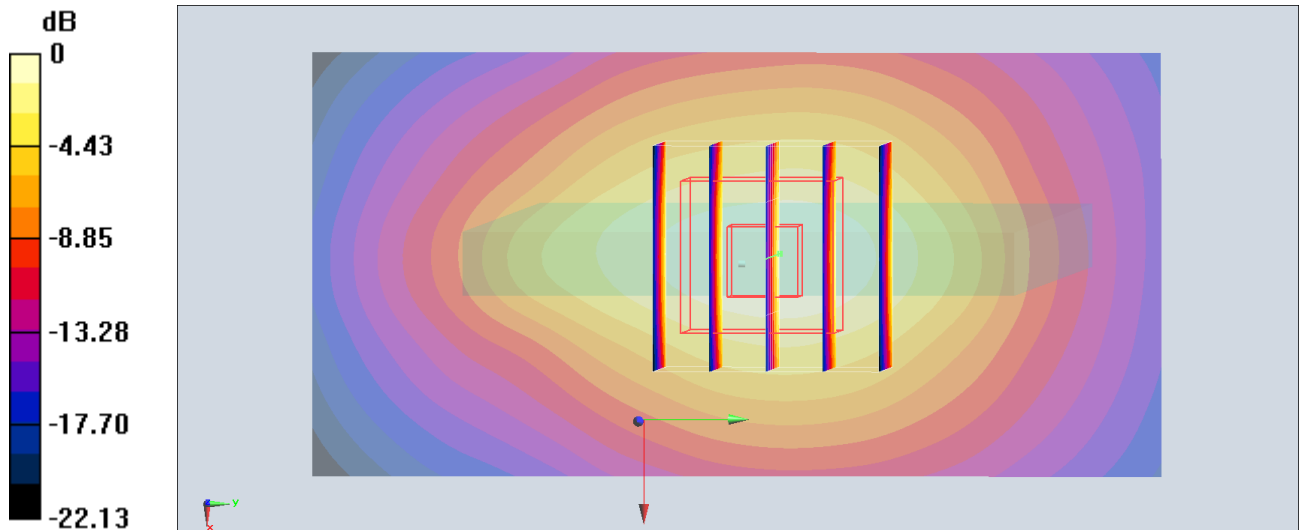
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.38 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.783 W/kg

**SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.251 W/kg**

Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.669 W/kg = -1.75 dBW/kg

**#24\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch9538**

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

Medium: HSL\_1900\_200802 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 39.129$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1907.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 1.23 W/kg

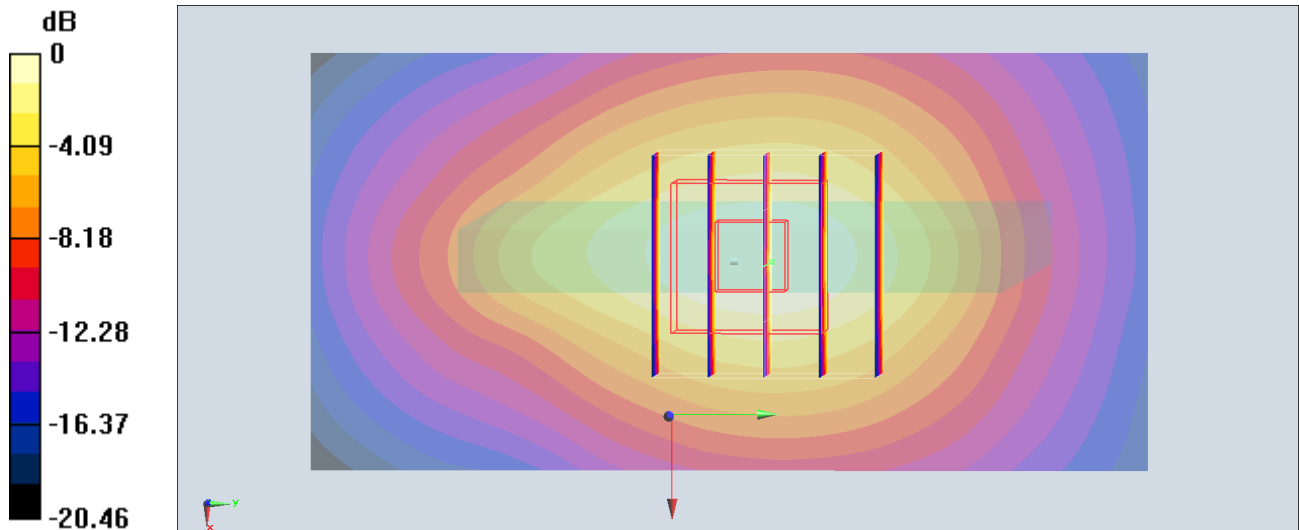
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.50 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.468 W/kg**

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



0 dB = 1.23 W/kg = 0.90 dBW/kg



**#25\_WCDMA IV\_RMC 12.2Kbps\_Left Side\_10mm\_Ch1413**

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

Medium: HSL\_1750\_200803 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.356$  S/m;  $\epsilon_r = 40.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1732.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.950 W/kg

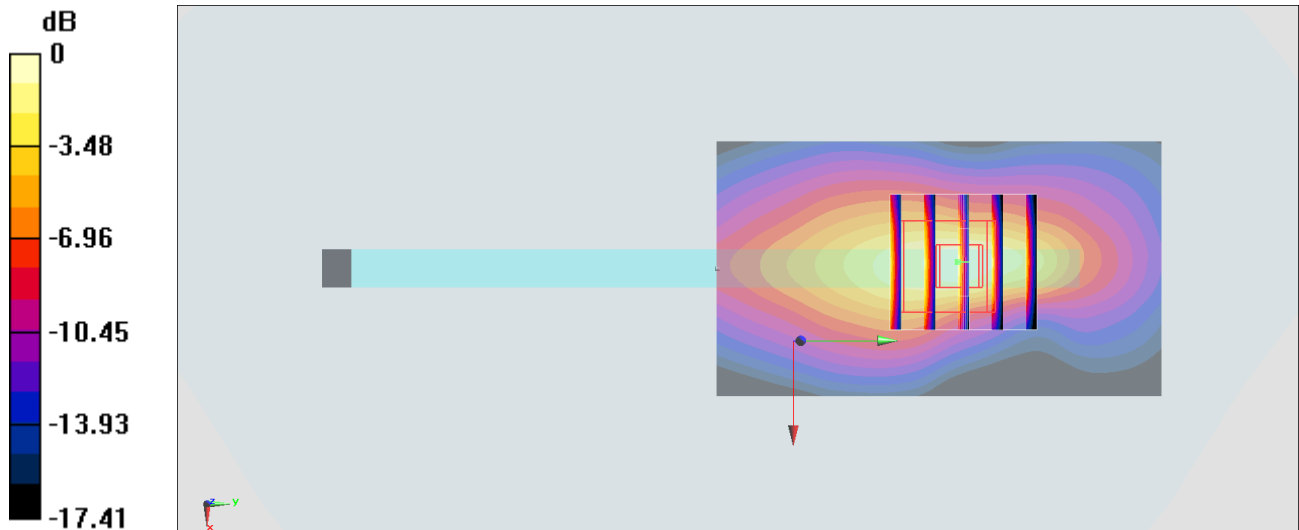
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.89 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.282 W/kg**

Maximum value of SAR (measured) = 0.927 W/kg



0 dB = 0.950 W/kg = -0.22 dBW/kg

**#26\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4182**

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

Medium: HSL\_850\_200801 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 42.457$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.4 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.555 W/kg

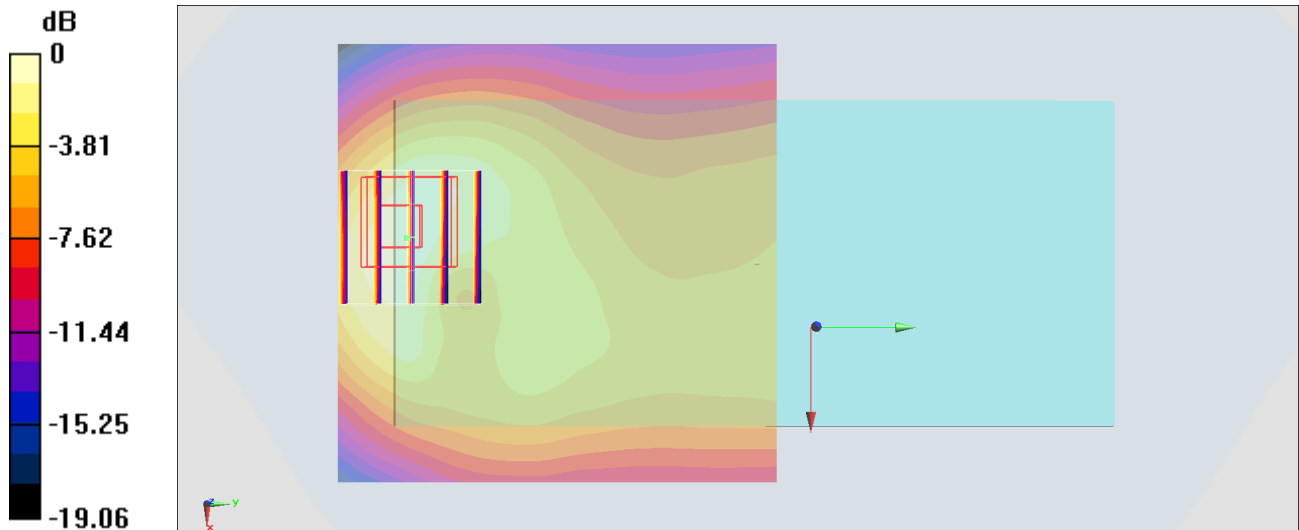
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.46 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.658 W/kg

**SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg

**#27\_LTE Band 2\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch19100**

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

Medium: HSL\_1900\_200802 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 39.159$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1900 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.874 W/kg

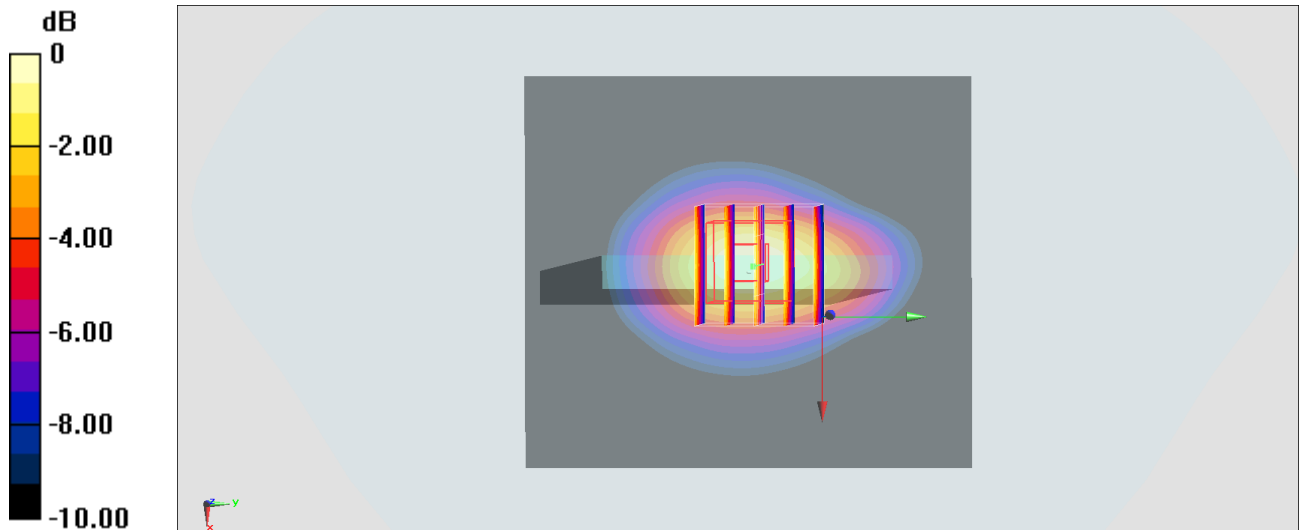
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.77 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.327 W/kg**

Maximum value of SAR (measured) = 0.876 W/kg



0 dB = 0.874 W/kg = -0.58 dBW/kg

**#28\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch20525**

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

Medium: HSL\_850\_200801 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 42.456$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.374 W/kg

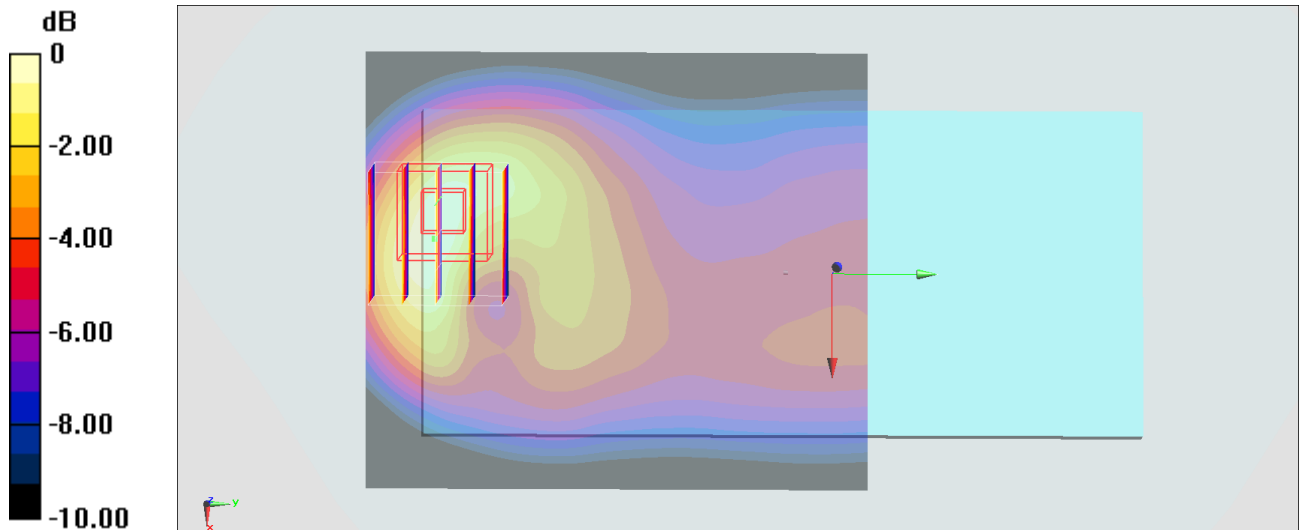
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.34 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.455 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

**#29\_LTE Band 7\_20M\_QPSK\_1\_0\_Left Side\_10mm\_Ch21350**

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

Medium: HSL\_2600\_200804 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 38.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2560 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.941 W/kg

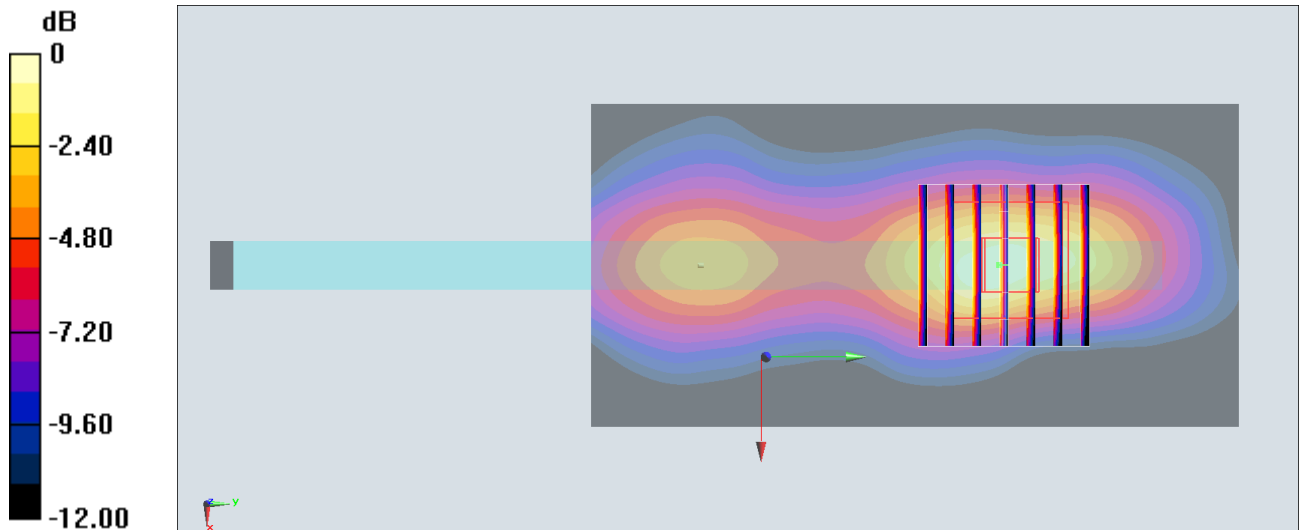
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.55 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.235 W/kg**

Maximum value of SAR (measured) = 0.984 W/kg



**#30\_LTE Band 12\_10M\_QPSK\_1\_0\_Right Side\_10mm\_Ch23095**

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

Medium: HSL\_750\_200804 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 43.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 707.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.195 W/kg

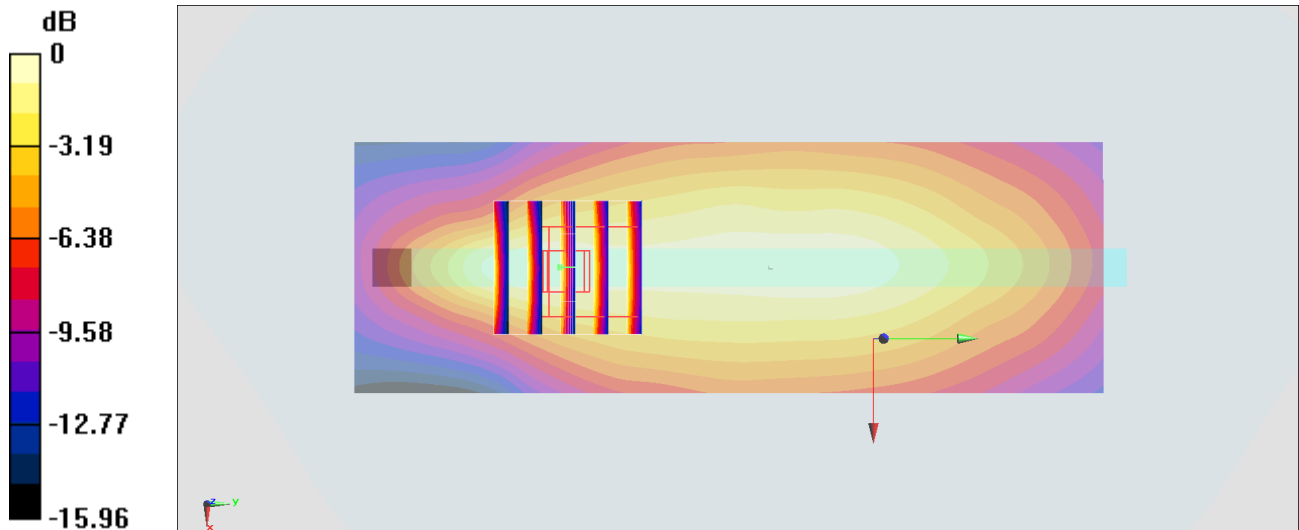
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.89 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

**#31\_LTE Band 13\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23230**

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

Medium: HSL\_750\_200804 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 42.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 782 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.232 W/kg

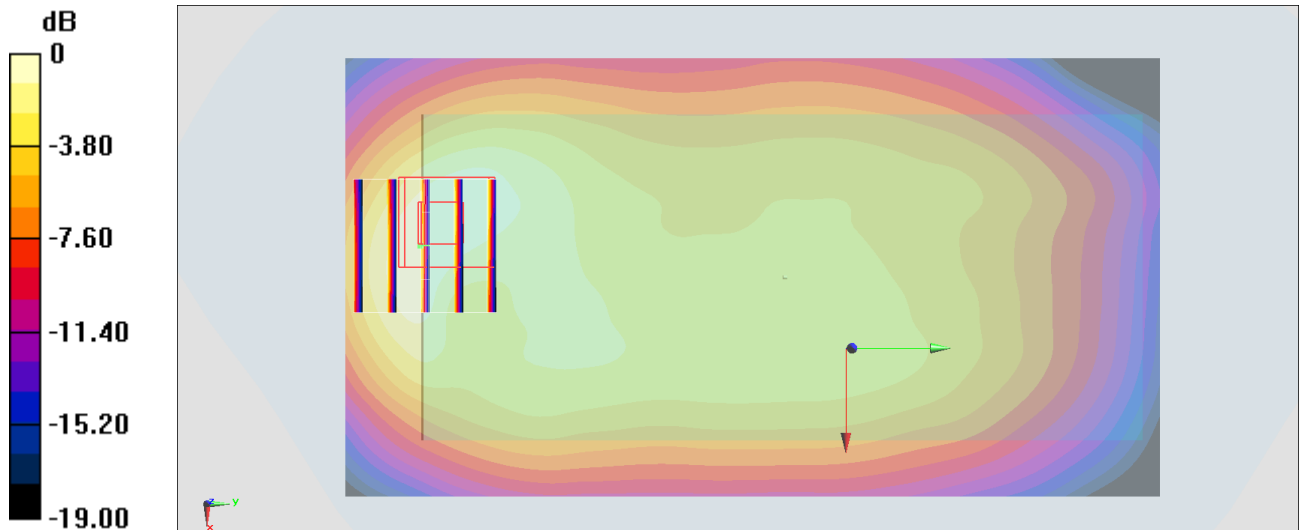
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.96 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.299 W/kg

**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.232 W/kg = -6.35 dBW/kg

**#32\_LTE Band 66\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch132572**

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

Medium: HSL\_1750\_200803 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.37$  S/m;  $\epsilon_r = 40.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.765 W/kg

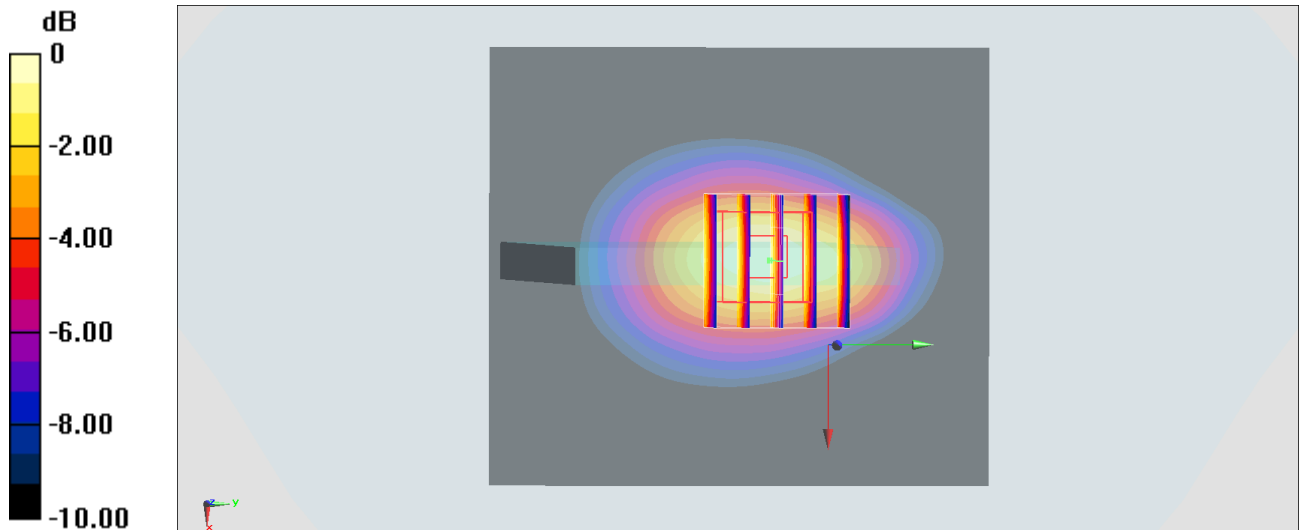
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.00 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.901 W/kg

**SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 0.741 W/kg



0 dB = 0.765 W/kg = -1.16 dBW/kg



**#33\_LTE Band 48\_20M\_QPSK\_1\_0\_Top Side\_10mm\_Ch56640**

Communication System: LTE ; Frequency: 3690 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3700\_200825 Medium parameters used :  $f = 3690$  MHz;  $\sigma = 3.108$  S/m;  $\epsilon_r = 37.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.91, 6.91, 6.91) @ 3690 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Mid; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

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

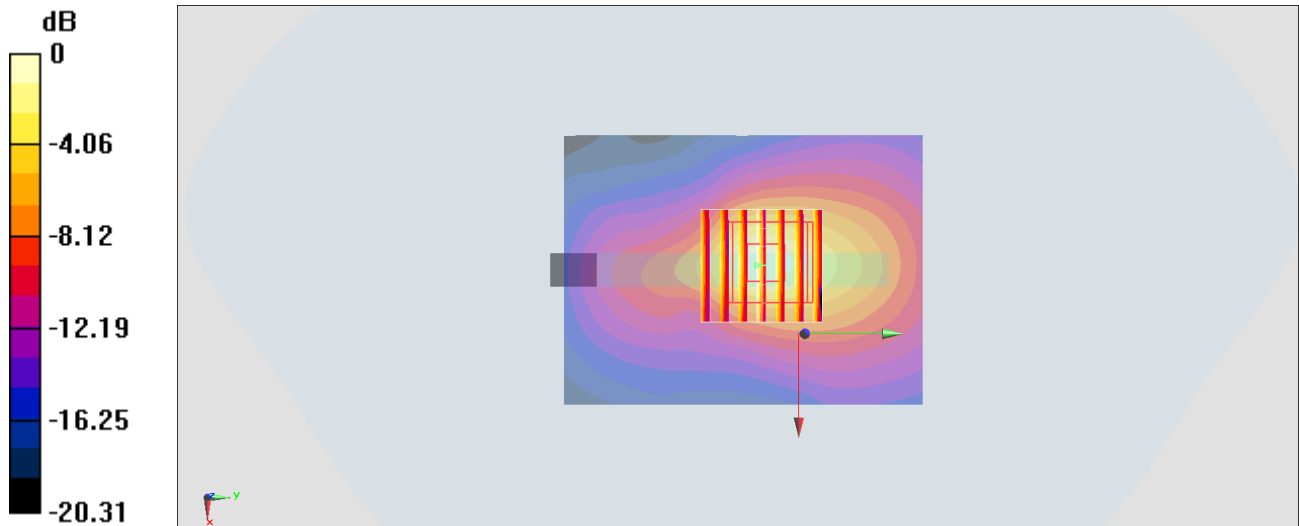
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=1.4$ mm

Reference Value = 19.28 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.290 W/kg**

Maximum value of SAR (measured) = 1.49 W/kg



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

**#34\_FR1 n2\_20M\_BPSK\_1\_1\_Bottom Side\_10mm\_Ch372000**

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

Medium: HSL\_1900\_200728 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 39.708$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1860 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.915 W/kg

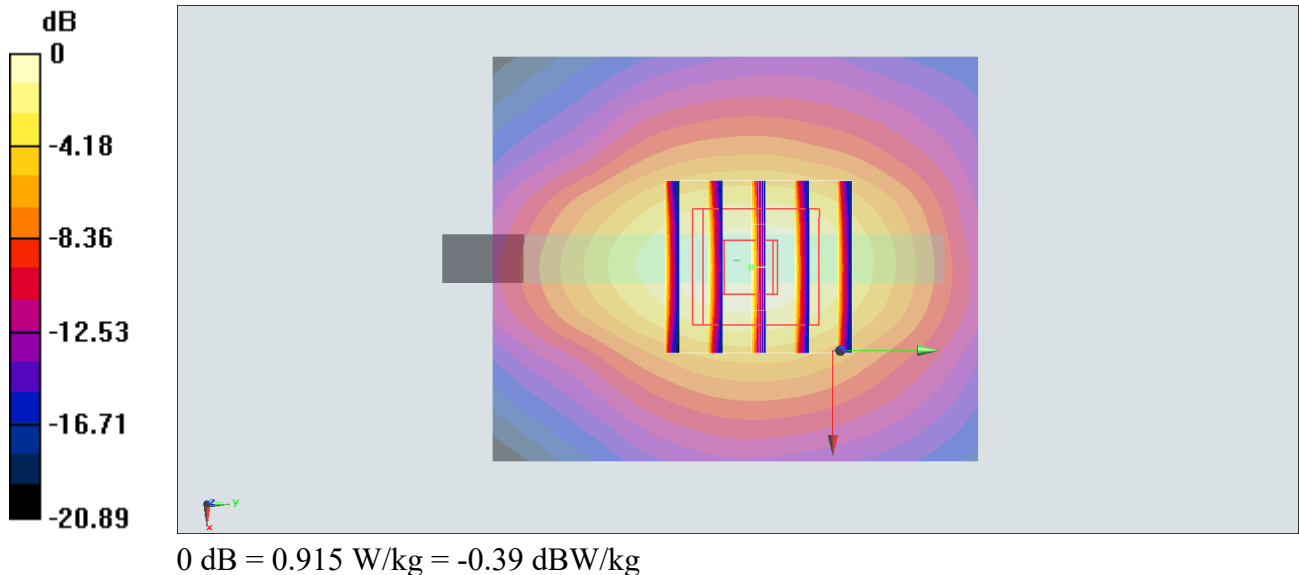
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.36 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.309 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg



**#35\_FR1 n5\_20M\_BPSK\_1\_1\_Back\_10mm\_Ch167300**

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

Medium: HSL\_850\_200731 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.877$  S/m;  $\epsilon_r = 41.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.268 W/kg

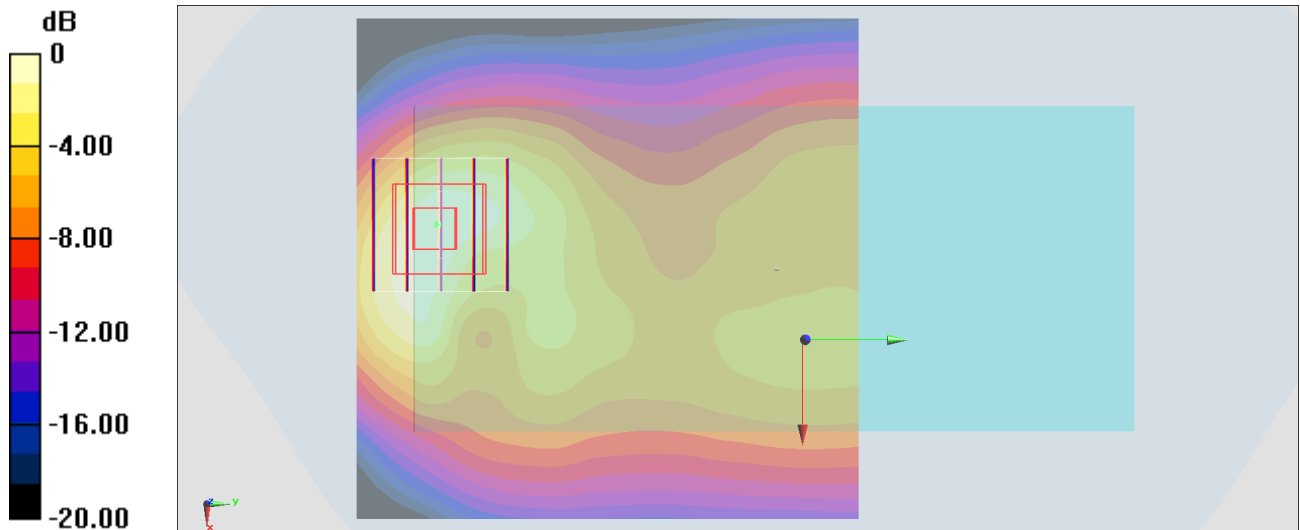
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.35 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

**#36\_FR1 n66\_20M\_BPSK\_1\_1\_Bottom Side\_10mm\_Ch349000**

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

Medium: HSL\_1750\_200731 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.343$  S/m;  $\epsilon_r = 40.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.623 W/kg

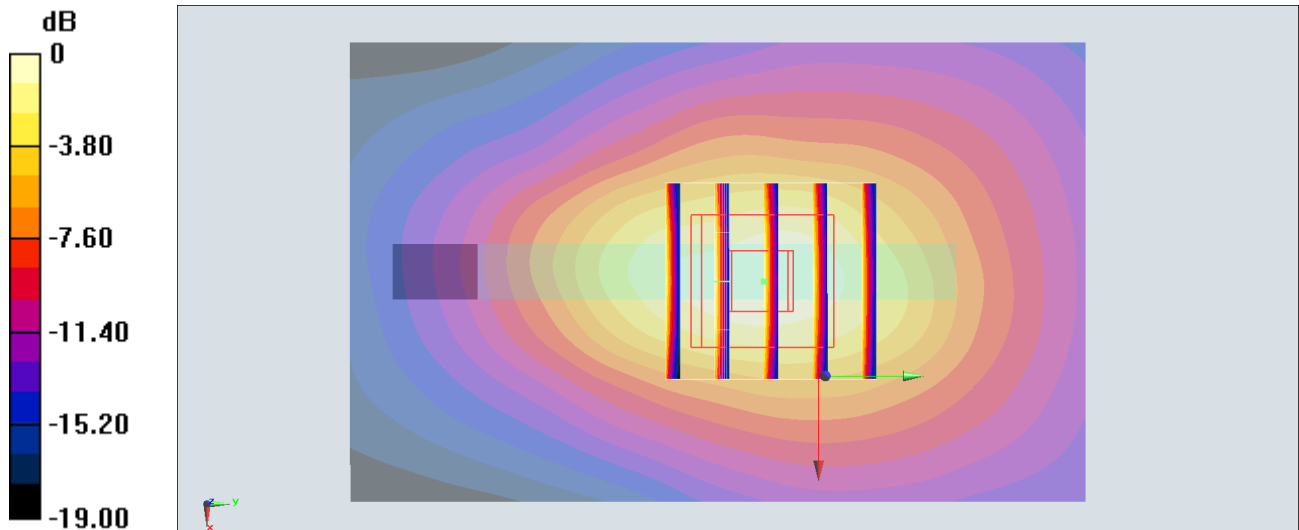
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.51 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.876 W/kg

**SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 0.646 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

**##37\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_10mm\_Ch11;Ant 8 40**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_200826 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 38.675$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.6, 7.6, 7.6) @ 2462 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- 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) = 0.124 W/kg

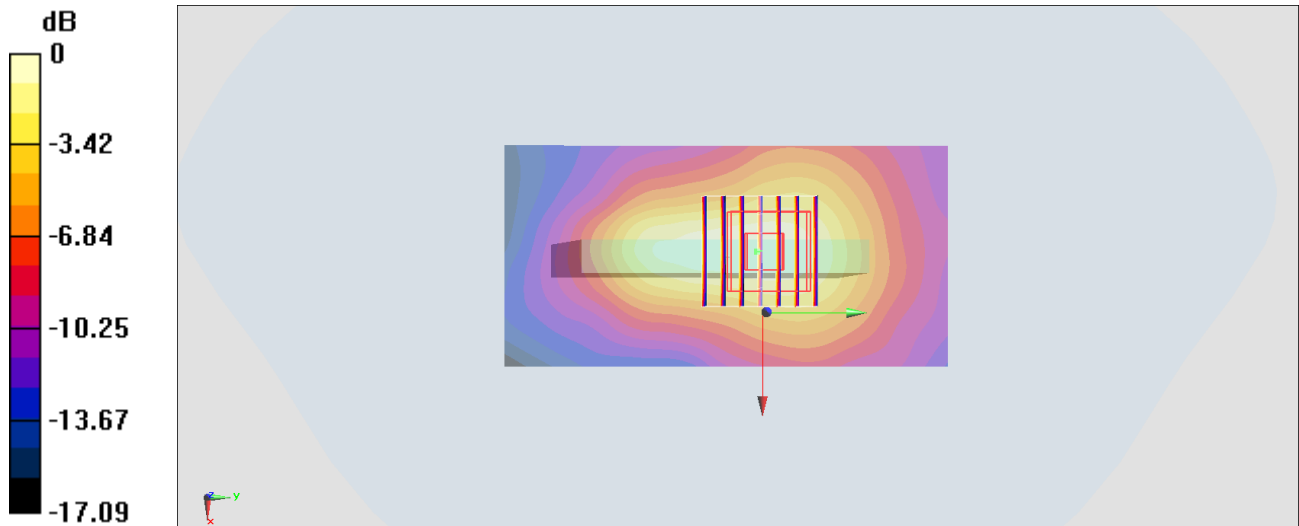
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.417 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg

**#38\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch42;Ant 10**

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.074

Medium: HSL\_5G\_200823 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.49$  S/m;  $\epsilon_r = 36.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5210 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.577 W/kg

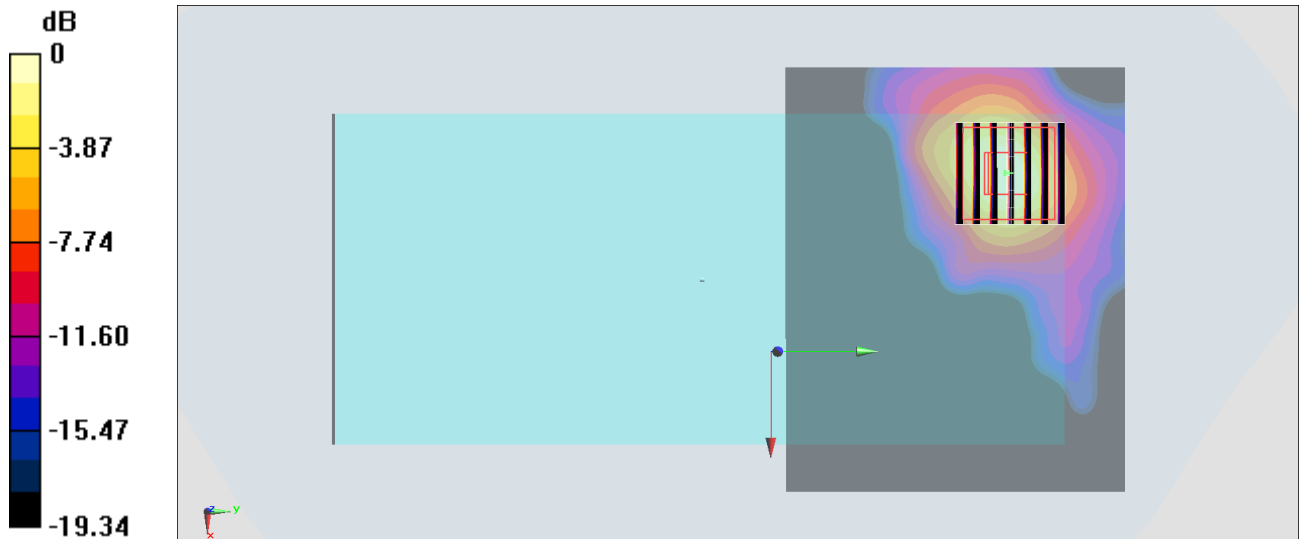
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 7.904 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.078 W/kg**

Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

**#39\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch155;Ant 9+10**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.074

Medium: HSL\_5G\_200823 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.055$  S/m;  $\epsilon_r = 36.116$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5775 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.768 W/kg

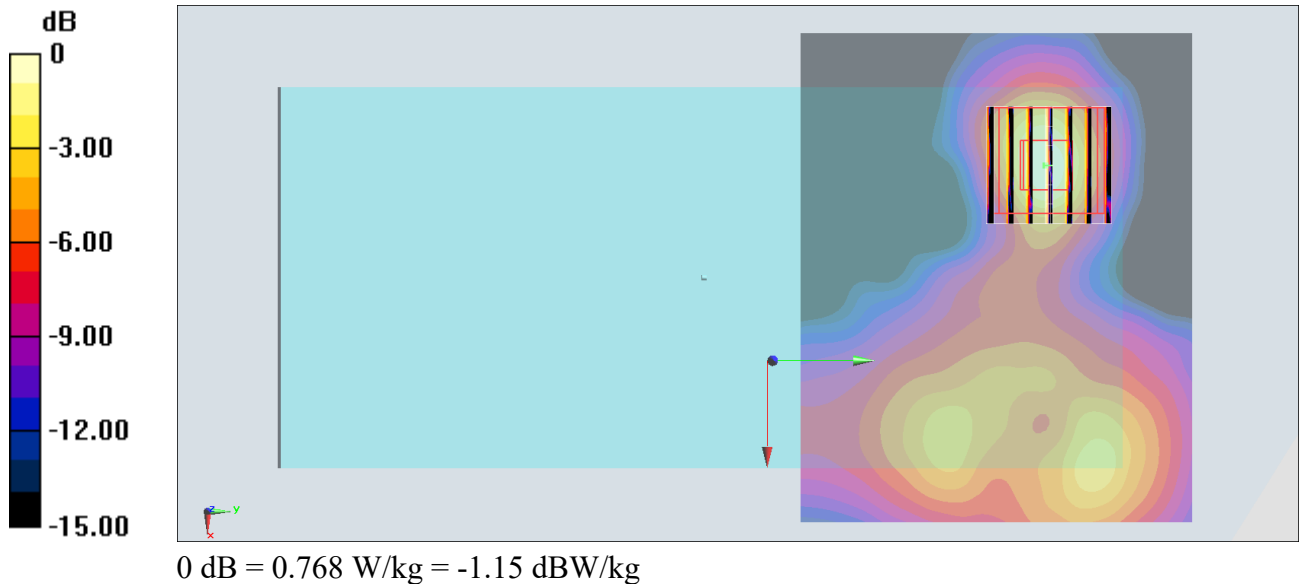
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.20 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.084 W/kg**

Maximum value of SAR (measured) = 0.770 W/kg



**#40\_Bluetooth\_1Mbps\_Top Side\_10mm\_Ch39;Ant 8**

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.303

Medium: HSL\_2450\_200726 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.799$  S/m;  $\epsilon_r = 38.899$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2441 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

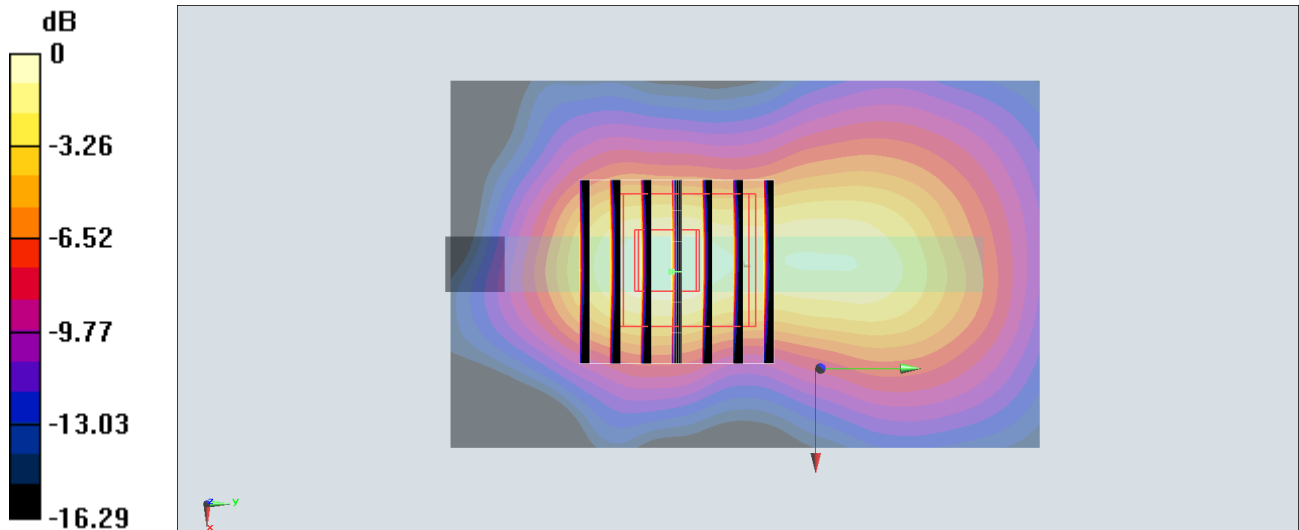
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.996 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.115 W/kg = -9.39 dBW/kg



**#41\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_200801 Medium parameters used :  $f = 848.8$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 42.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 848.8 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.397 W/kg

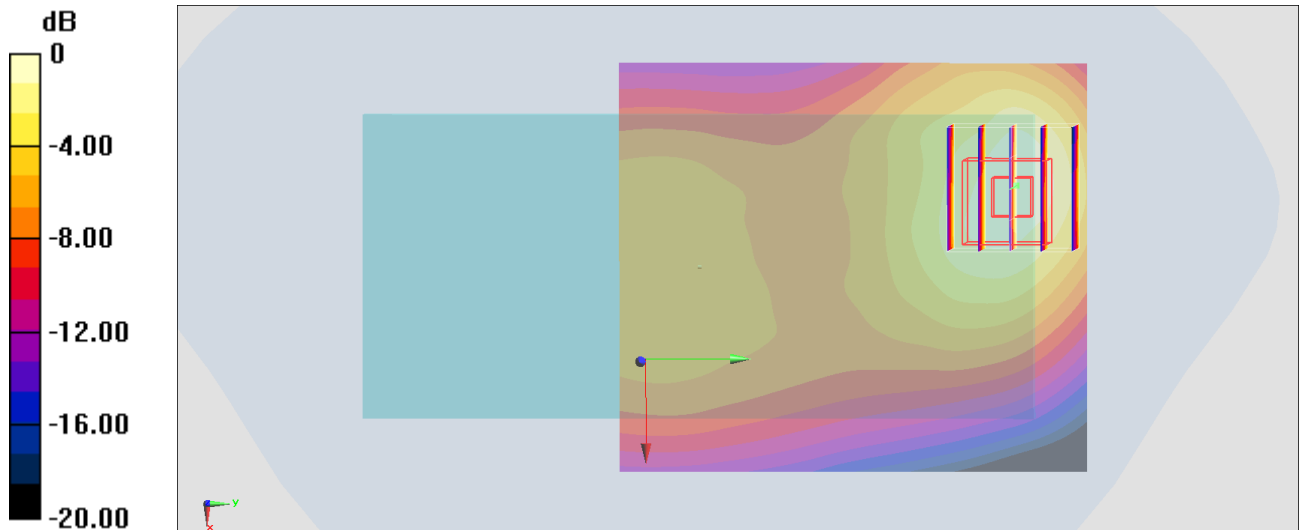
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.55 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.450 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.166 W/kg**

Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

**#42\_GSM1900\_GPRS (2 Tx slots)\_Back\_10mm\_Ch661**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL\_1900\_200802 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 39.246$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.408 W/kg

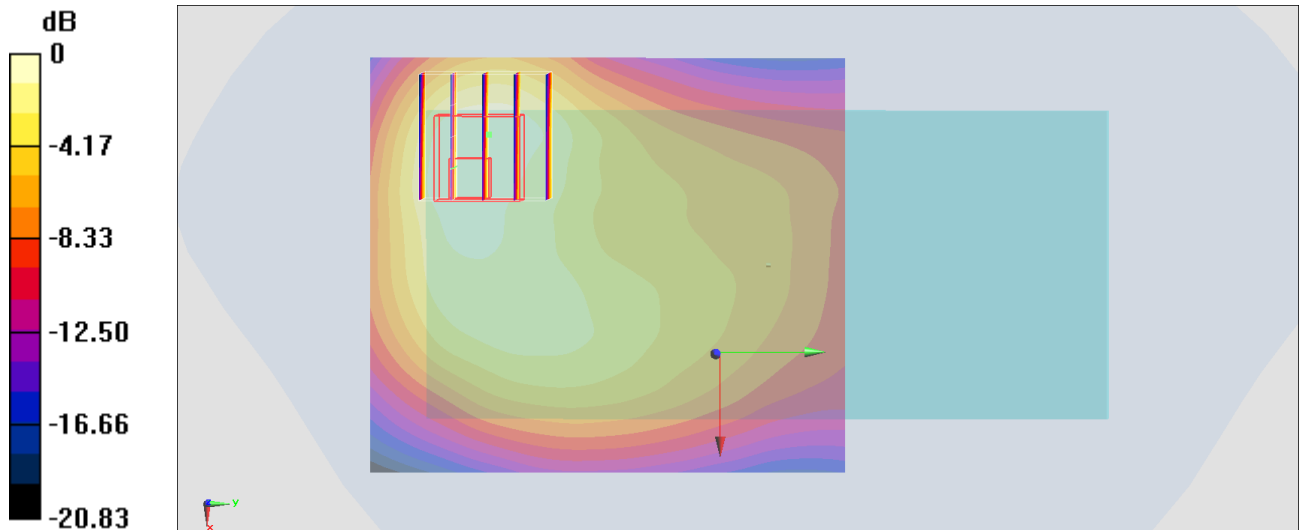
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.36 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.449 W/kg

**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

**#43\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538**

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

Medium: HSL\_1900\_200802 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 39.129$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1907.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.733 W/kg

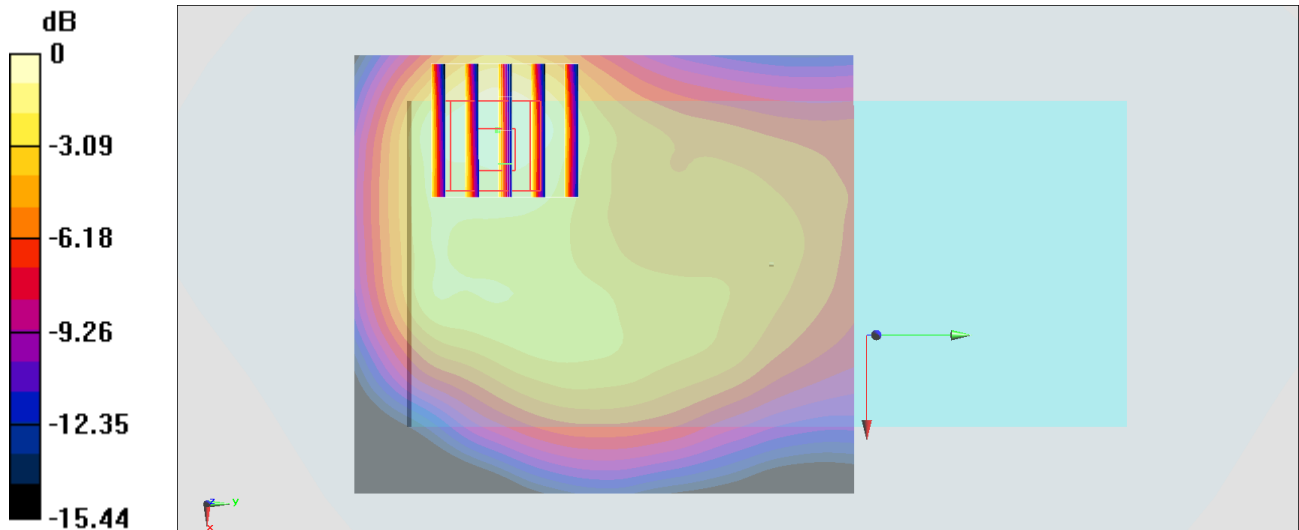
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.92 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.950 W/kg

**SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.242 W/kg**

Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.733 W/kg = -1.35 dBW/kg

**#44\_WCDMA IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1312**

Communication System: WCDMA ; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200803 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.318$  S/m;  $\epsilon_r = 40.615$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1712.4 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.592 W/kg

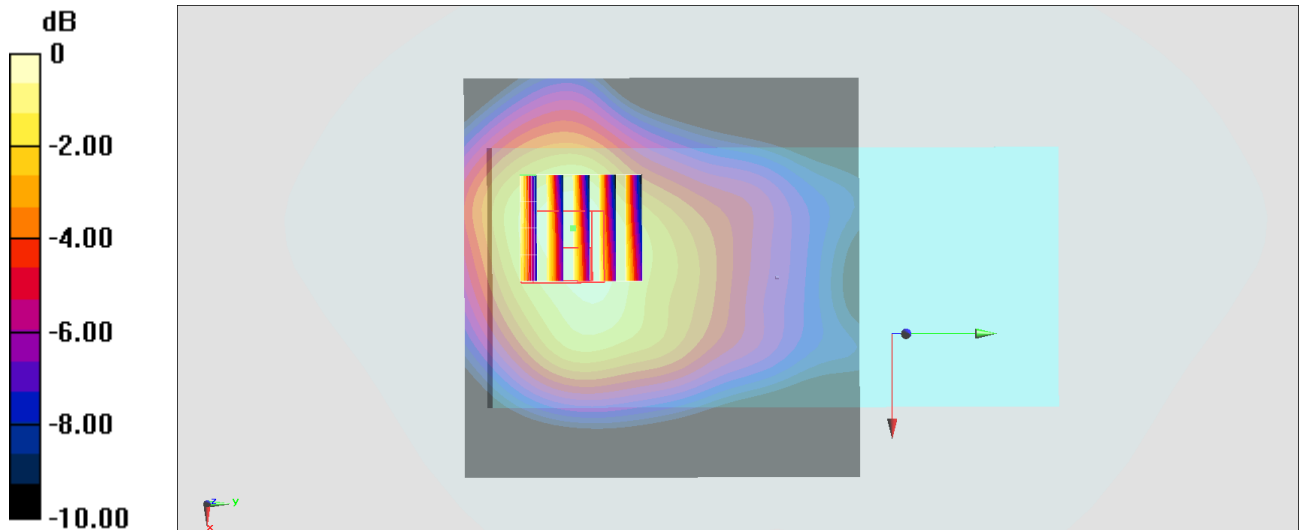
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.55 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.700 W/kg

**SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.265 W/kg**

Maximum value of SAR (measured) = 0.595 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

**#45\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4182**

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

Medium: HSL\_850\_200801 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 42.457$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.4 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.555 W/kg

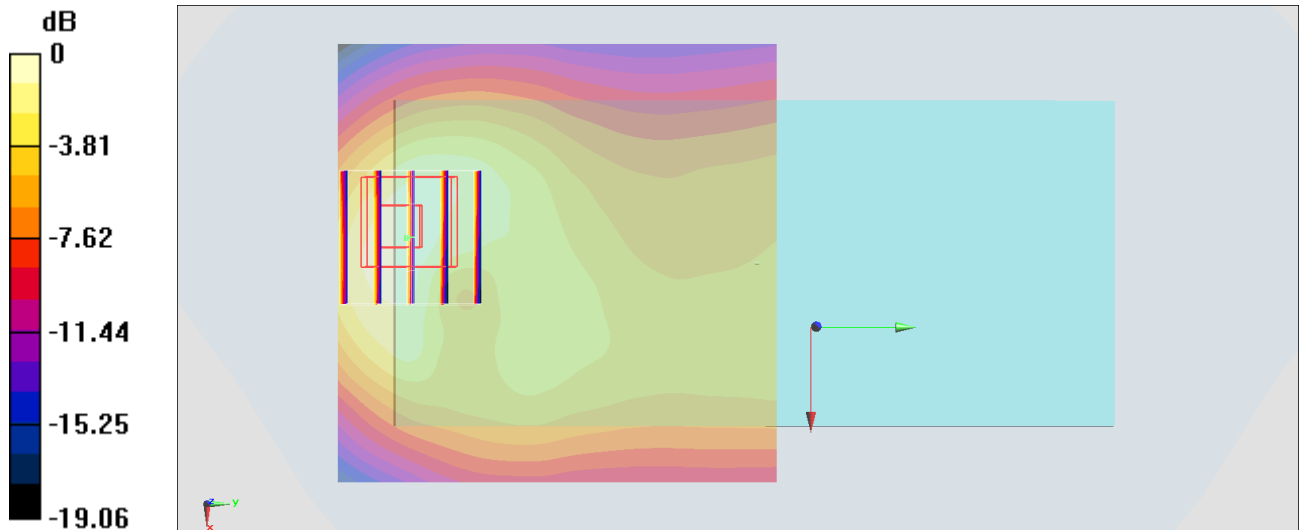
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.46 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.658 W/kg

**SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg

**#46\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch19100**

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

Medium: HSL\_1900\_200802 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 39.159$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1900 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.549 W/kg

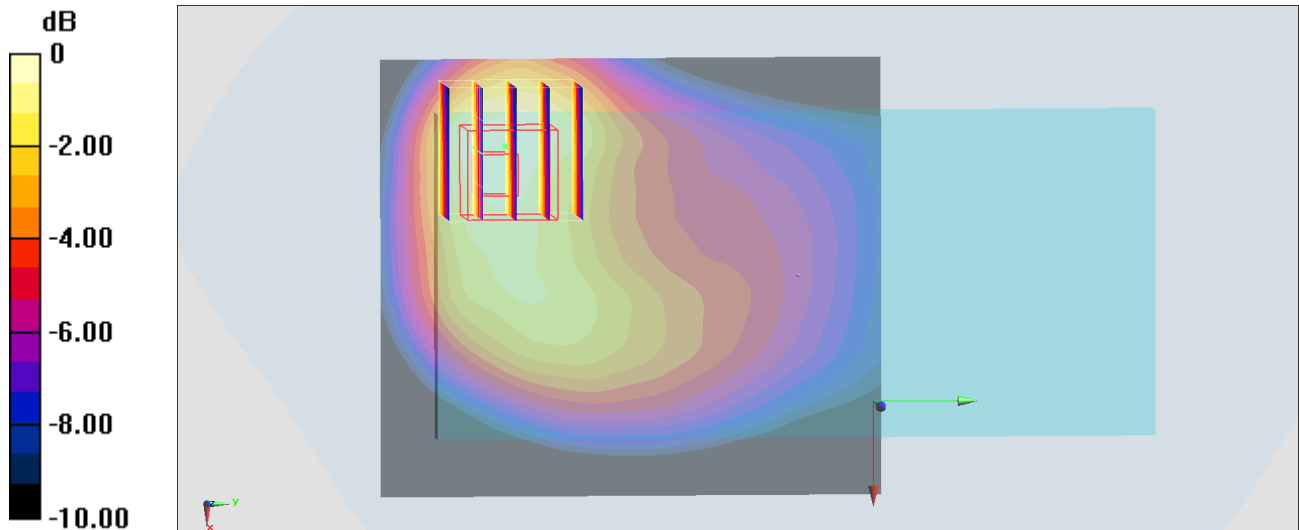
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.61 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.632 W/kg

**SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

**#47\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch20525**

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

Medium: HSL\_850\_200801 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 42.456$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.374 W/kg

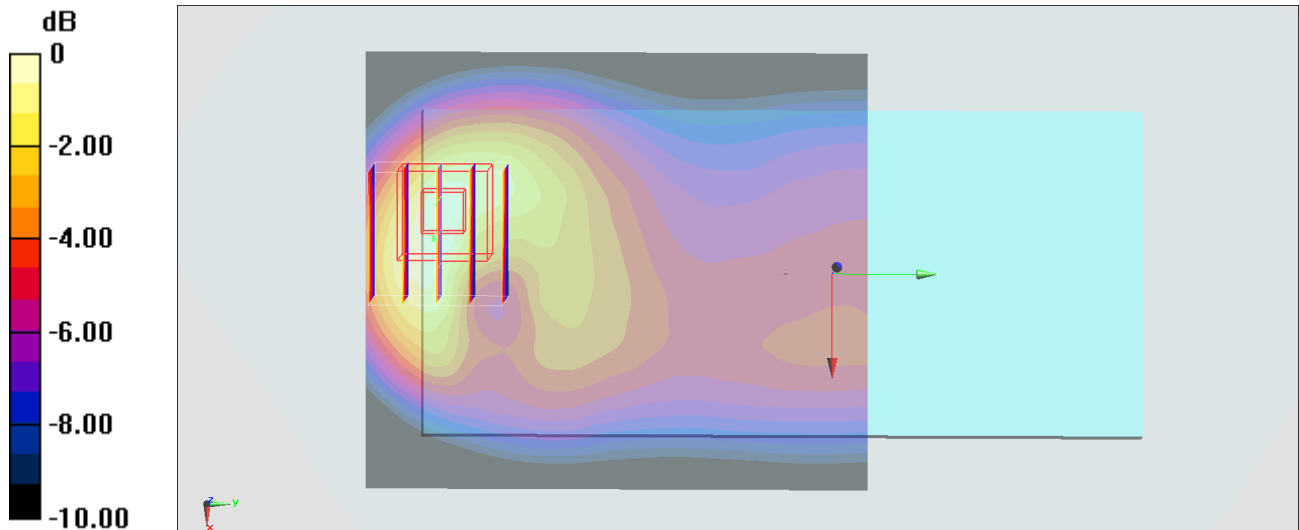
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.34 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.455 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

**#48\_LTE Band 7\_20M\_QPSK\_1\_0\_\_Back\_10mm\_Ch21350**

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

Medium: HSL\_2600\_200804 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 38.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2560 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.559 W/kg

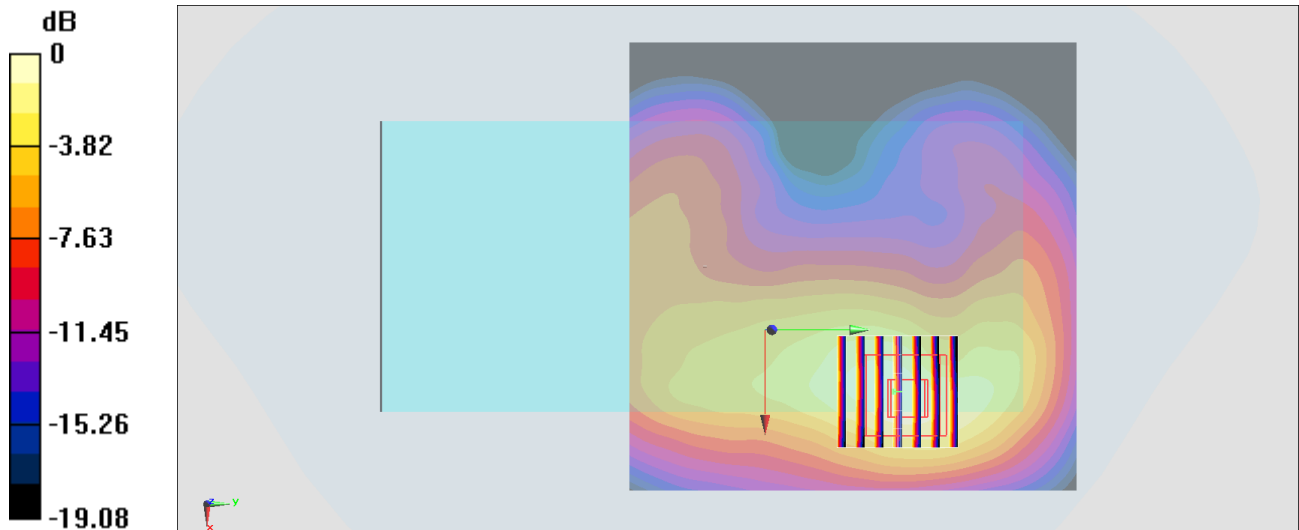
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 16.62 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.559 W/kg = -2.53 dBW/kg



**#49\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23095**

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

Medium: HSL\_750\_200805 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 44.017$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 707.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.176 W/kg

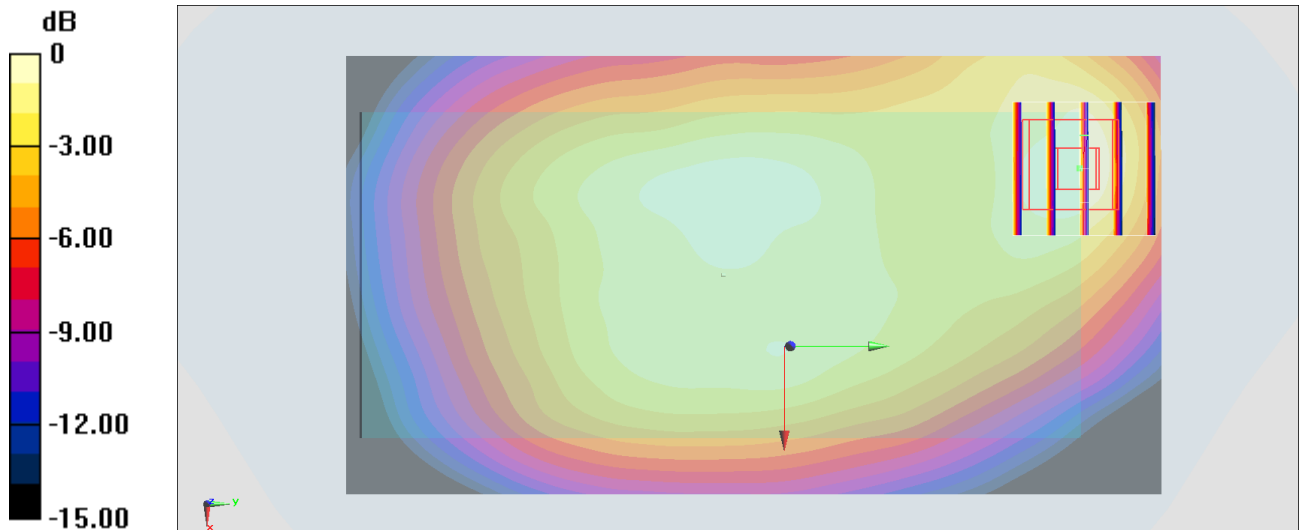
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.03 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.226 W/kg

**SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

**#50\_LTE Band 13\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23230**

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

Medium: HSL\_750\_200804 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 42.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 782 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.232 W/kg

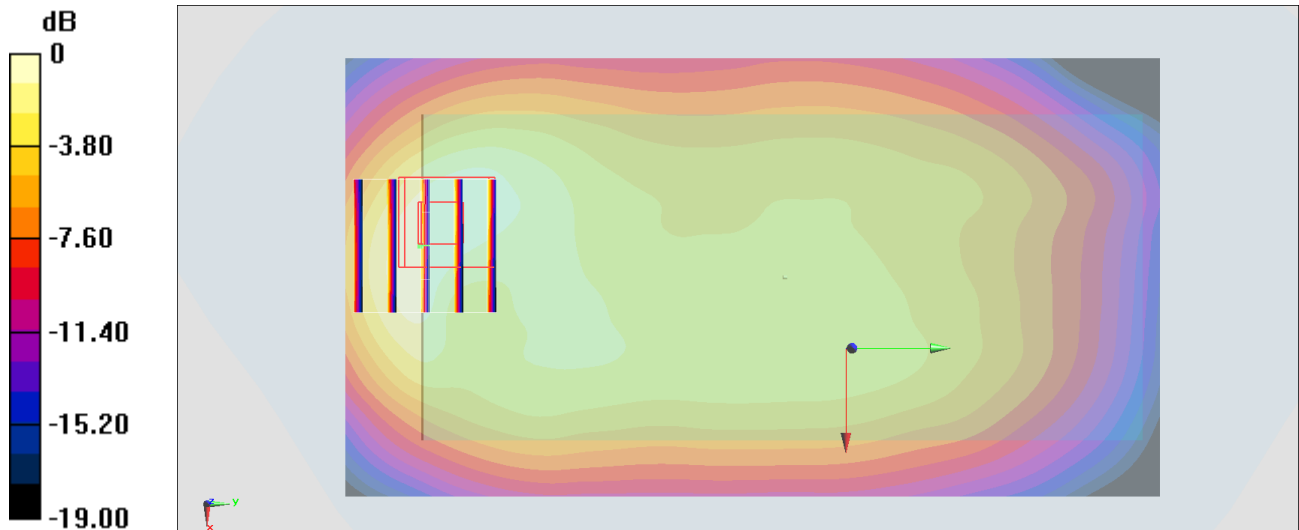
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.96 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.299 W/kg

**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.232 W/kg = -6.35 dBW/kg

**#51\_LTE Band 66\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch132572**

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

Medium: HSL\_1750\_200803 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.37$  S/m;  $\epsilon_r = 40.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.529 W/kg

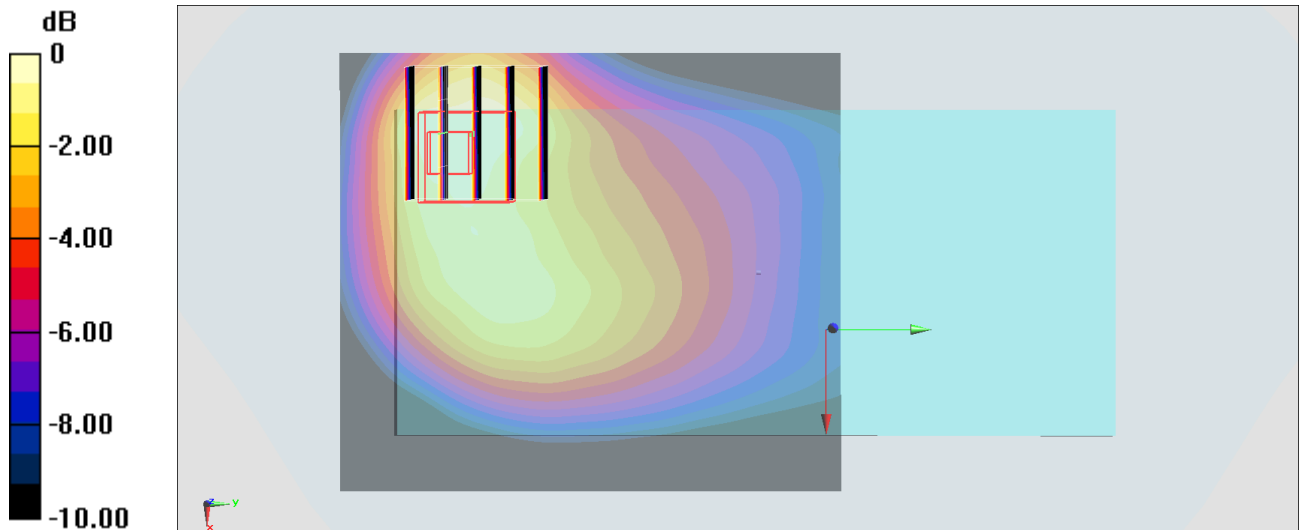
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.42 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.629 W/kg

**SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.514 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

**#52\_LTE Band 48\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch55830**

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

Medium: HSL\_3700\_200825 Medium parameters used :  $f = 3609$  MHz;  $\sigma = 3.023$  S/m;  $\epsilon_r = 37.784$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.91, 6.91, 6.91) @ 3609 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM\_Mid; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.907 W/kg

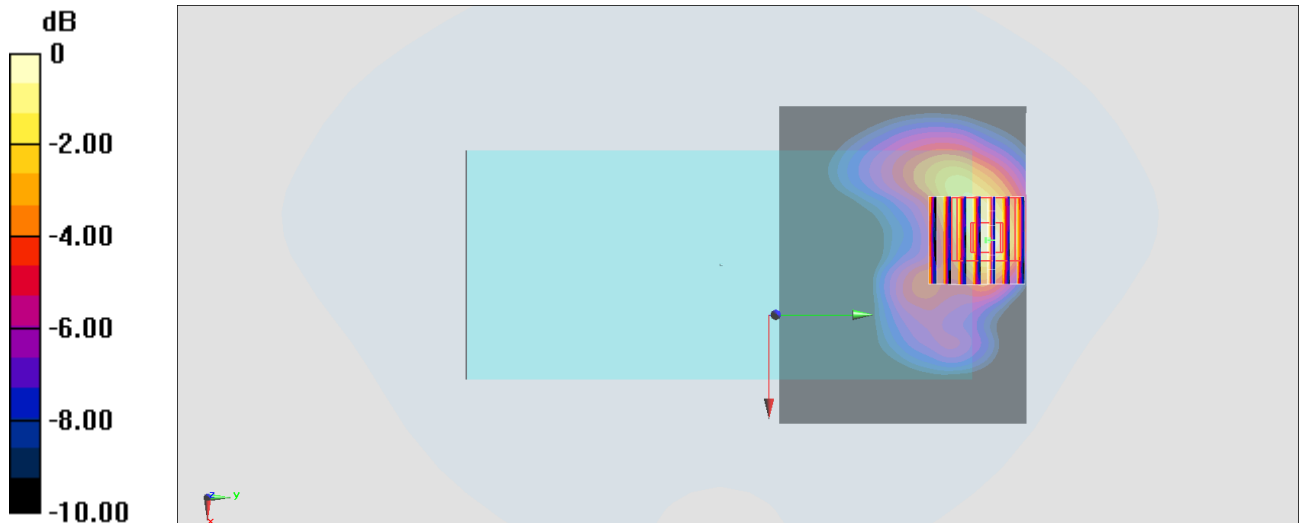
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 13.12 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.201 W/kg

**SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.208 W/kg**

Maximum value of SAR (measured) = 0.903 W/kg



0 dB = 0.907 W/kg = -0.42 dBW/kg

**#53\_FR1 n2\_20M\_BPSK\_1\_1\_Back\_10mm\_Ch372000**

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

Medium: HSL\_1900\_200728 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 39.708$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1860 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.703 W/kg

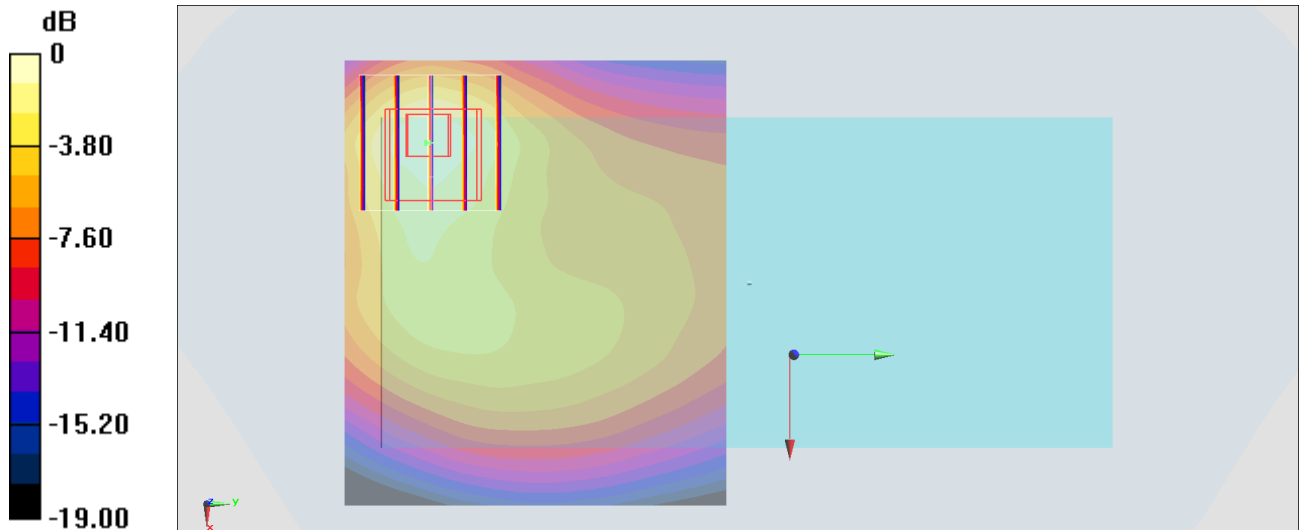
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.57 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.929 W/kg

**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.207 W/kg**

Maximum value of SAR (measured) = 0.648 W/kg



0 dB = 0.703 W/kg = -1.53 dBW/kg

**#54\_FR1 n5\_20M\_BPSK\_1\_1\_Back\_10mm\_Ch167300**

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

Medium: HSL\_850\_200731 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.877$  S/m;  $\epsilon_r = 41.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.268 W/kg

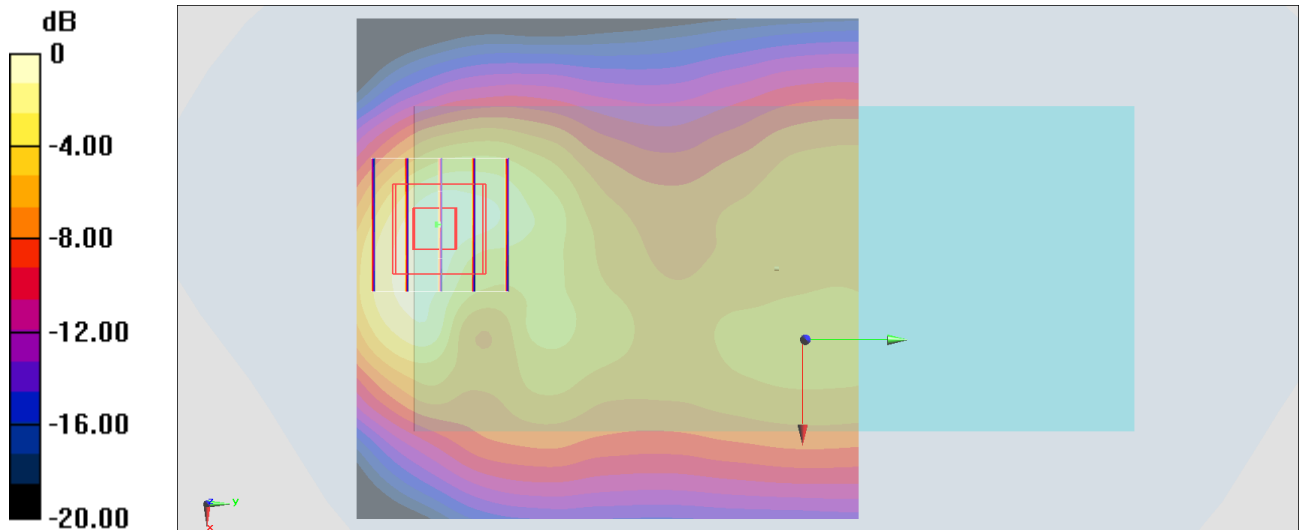
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.35 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

**#55\_FR1 n66\_40M\_BPSK\_1\_1\_Back\_10mm\_Ch349000**

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

Medium: HSL\_1750\_200731 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.343$  S/m;  $\epsilon_r = 40.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.479 W/kg

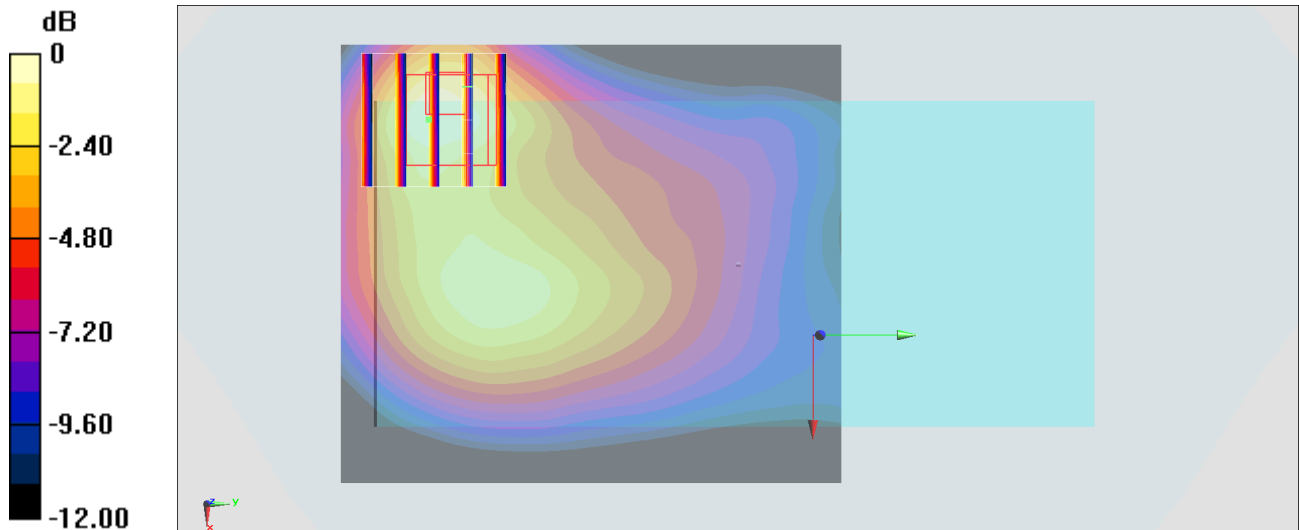
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.39 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.634 W/kg

**SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.139 W/kg**

Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

**#56\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch1;Ant 8+10**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_200726 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.754$  S/m;  $\epsilon_r = 39.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2412 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.382 W/kg

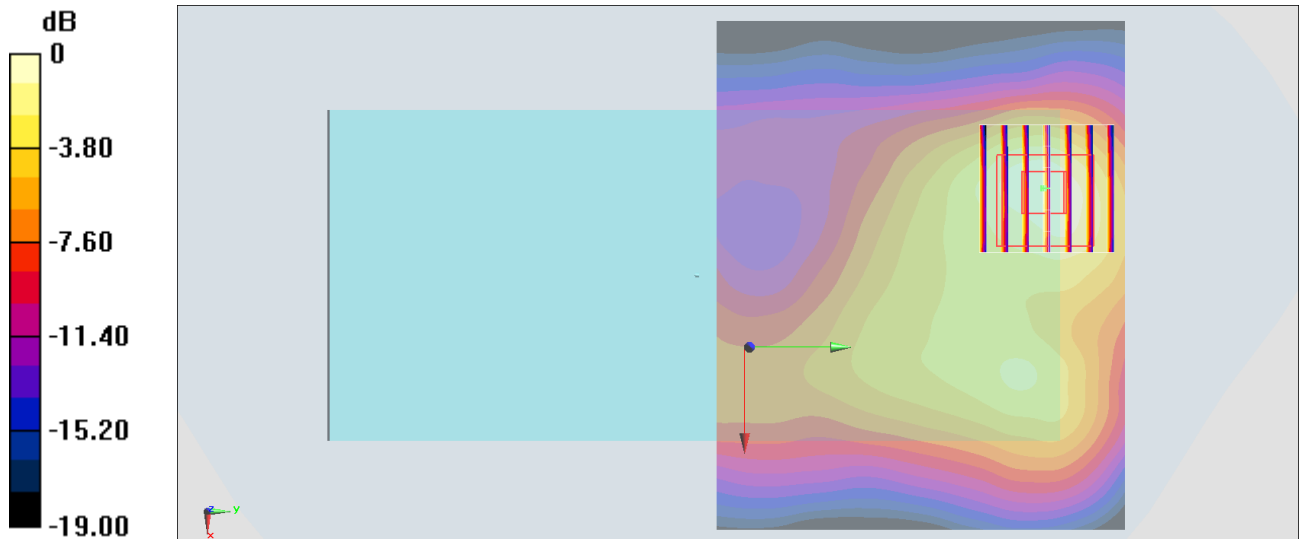
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 17.04 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.489 W/kg

**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.382 W/kg





**#57\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch42;Ant 10**

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.074

Medium: HSL\_5G\_200823 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.49$  S/m;  $\epsilon_r = 36.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5210 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.577 W/kg

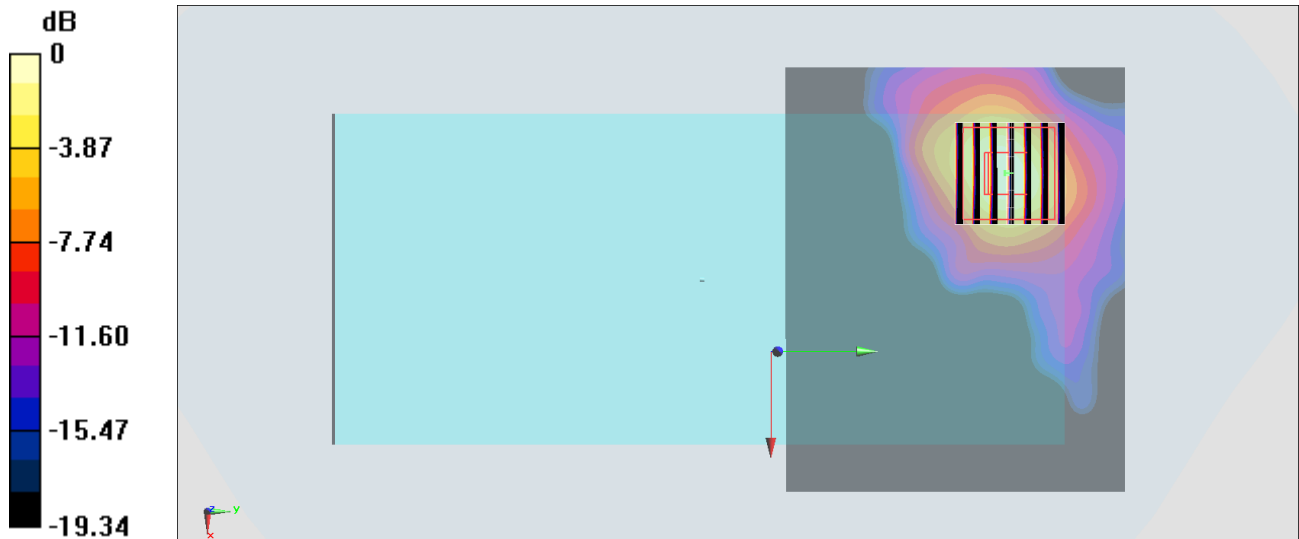
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.904 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.078 W/kg**

Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

**#58\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch56;Ant 10**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_200725 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.525$  S/m;  $\epsilon_r = 35.596$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5280 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 2.39 W/kg

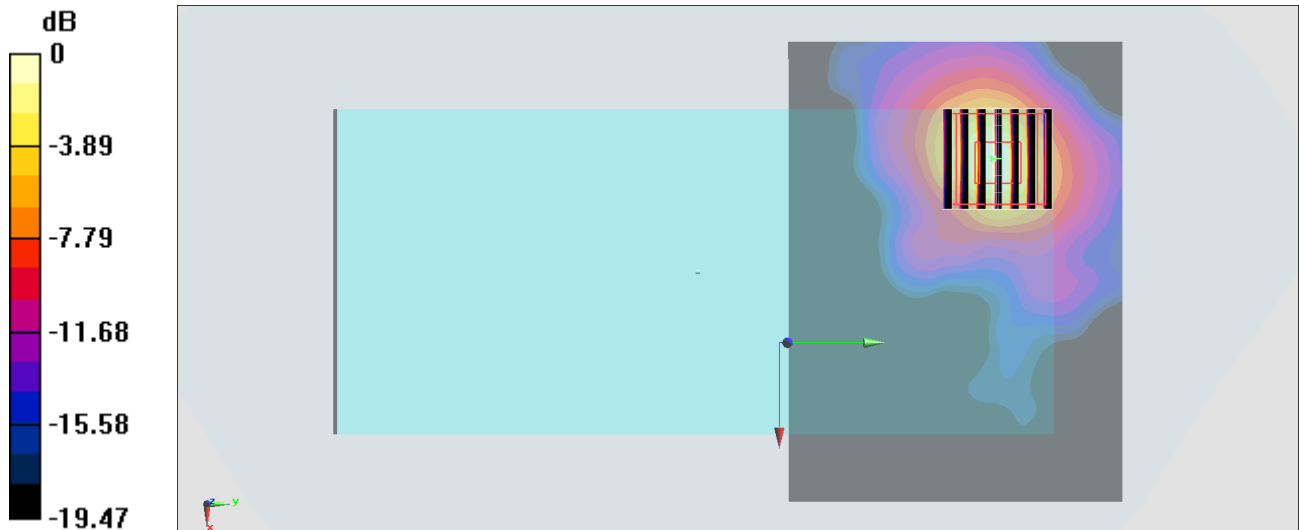
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 21.69 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.88 W/kg

**SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.296 W/kg**

Maximum value of SAR (measured) = 2.40 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

**#59\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch100;Ant 9+10**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_200728 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.864$  S/m;  $\epsilon_r = 37.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5500 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.36 W/kg

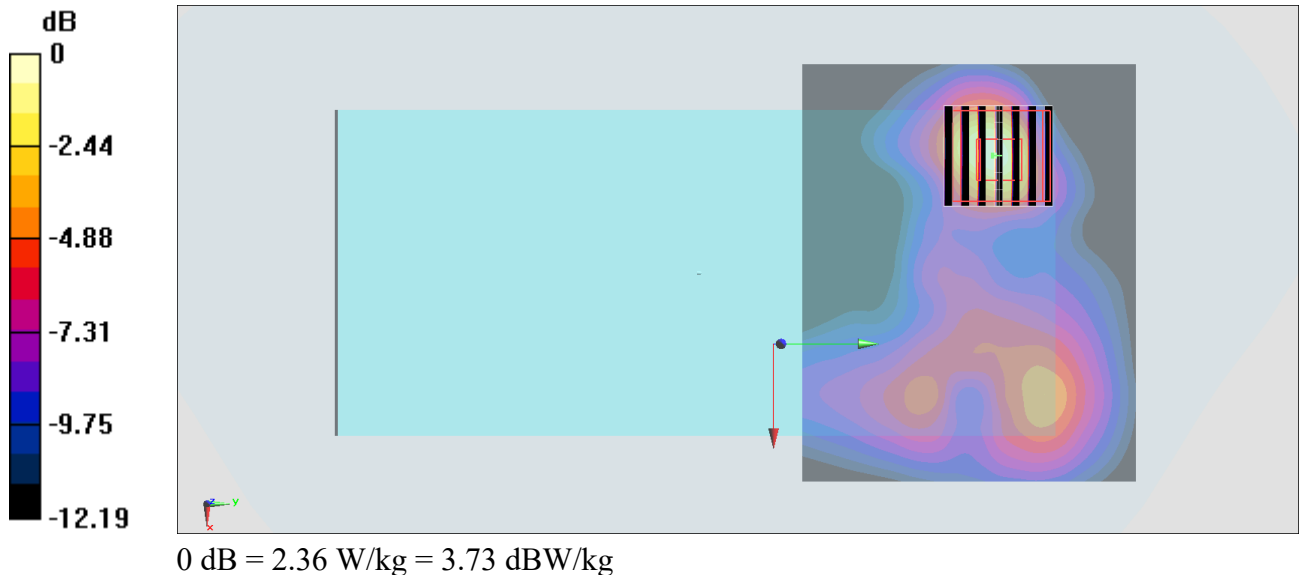
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.88 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.61 W/kg

**SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 1.61 W/kg



**#60\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch165;Ant 9+10**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_200728 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.226$  S/m;  $\epsilon_r = 36.639$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5825 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 1.99 W/kg

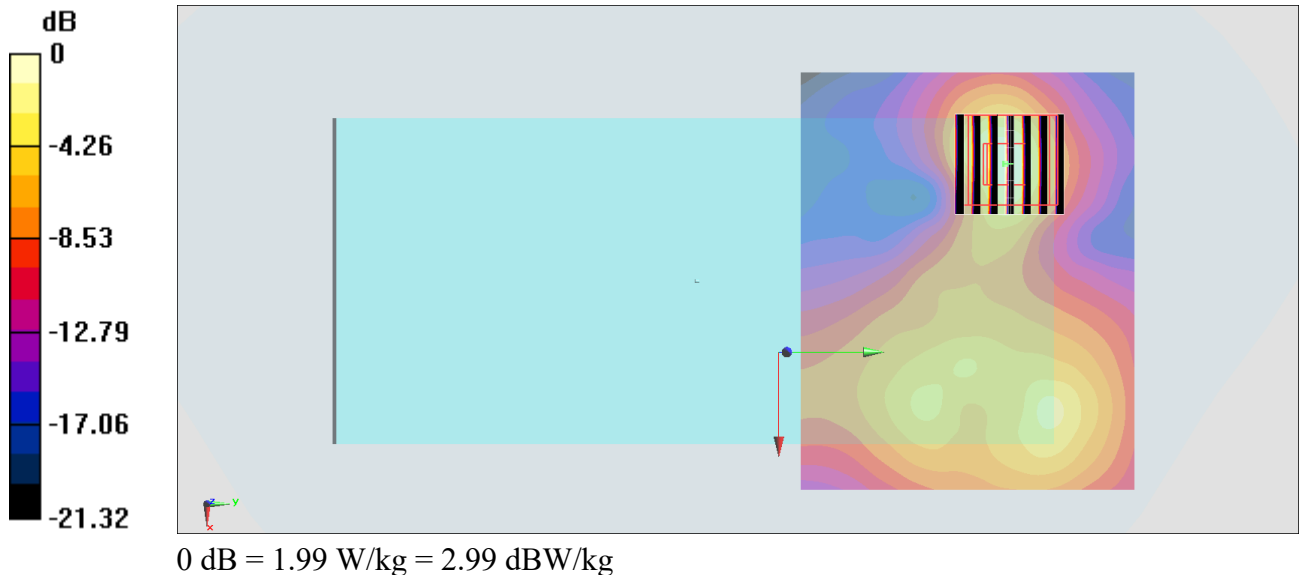
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 16.01 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.44 W/kg

**SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 2.03 W/kg



**#61\_Bluetooth\_1Mbps\_Front\_10mm\_Ch39;Ant 8**

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.303

Medium: HSL\_2450\_200726 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.799$  S/m;  $\epsilon_r = 38.899$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2441 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0839 W/kg

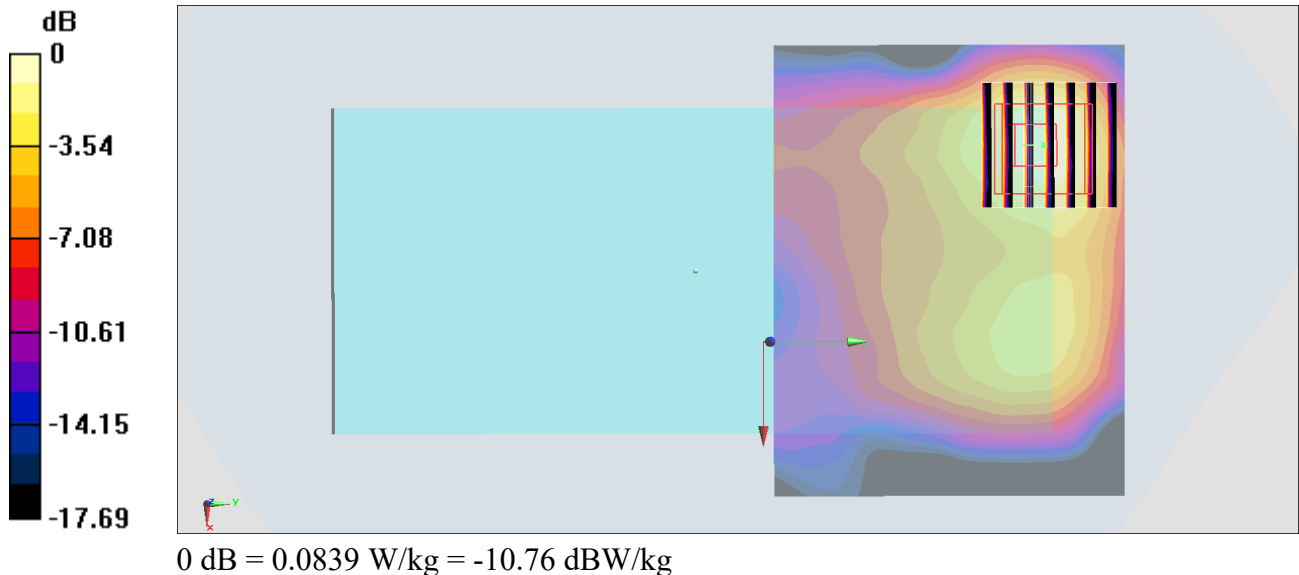
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.298 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.129 W/kg

**SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.0957 W/kg



**#62\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch52;Ant 9+10**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_200728 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.627$  S/m;  $\epsilon_r = 37.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5260 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 24.3 W/kg

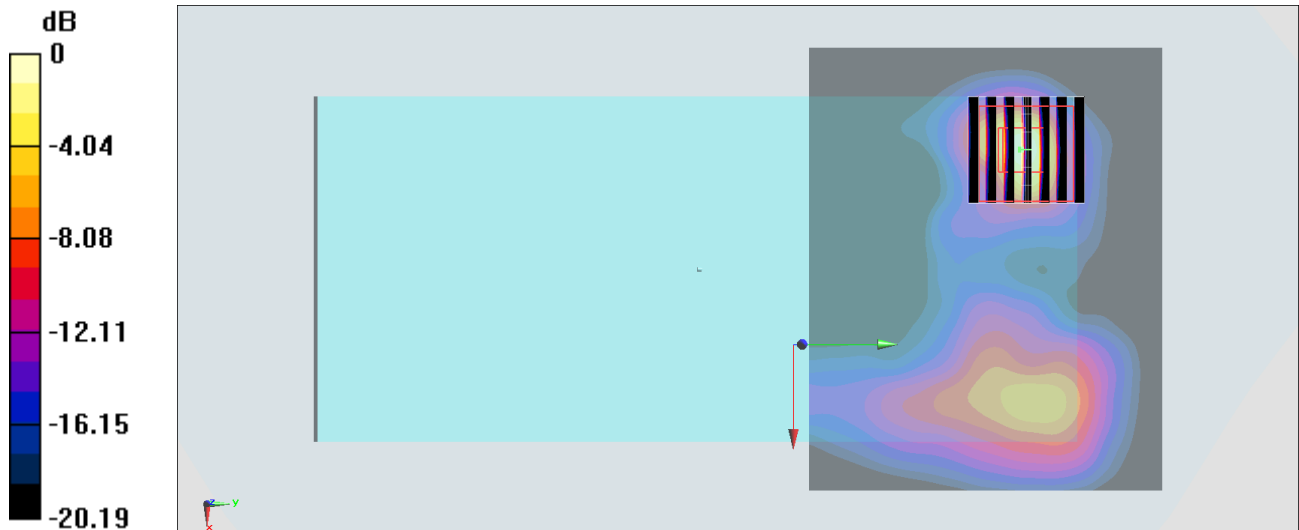
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 48.76 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 58.8 W/kg

**SAR(1 g) = 9.85 W/kg; SAR(10 g) = 1.97 W/kg**

Maximum value of SAR (measured) = 32.1 W/kg



0 dB = 24.3 W/kg = 13.86 dBW/kg

**#63\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch100;Ant 9+10**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_200728 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.864$  S/m;  $\epsilon_r = 37.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5500 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.0 W/kg

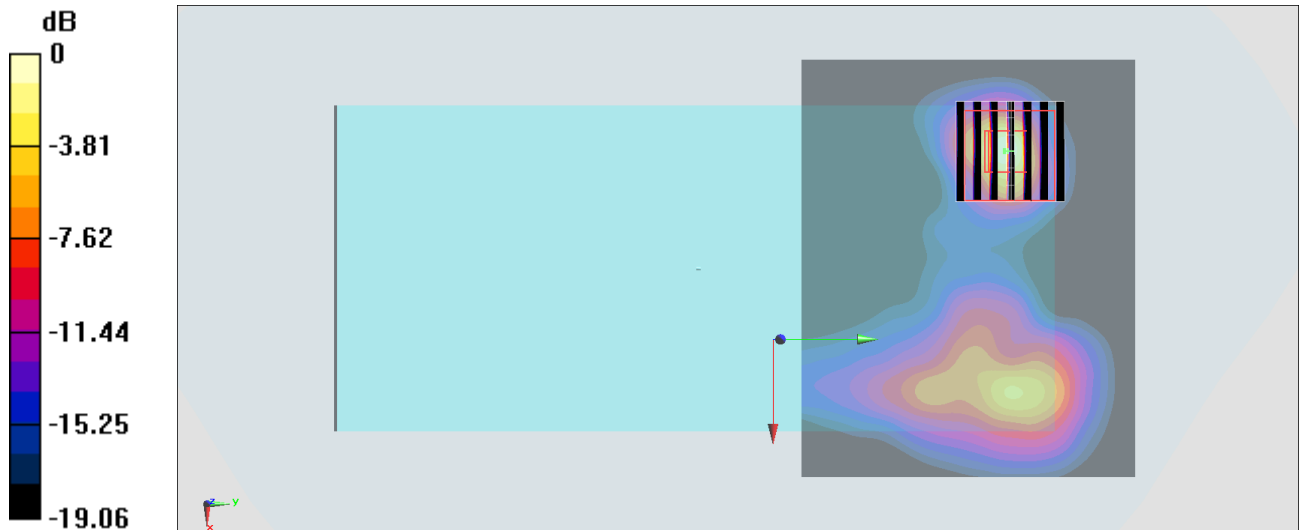
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 41.07 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 42.2 W/kg

**SAR(1 g) = 6.93 W/kg; SAR(10 g) = 1.37 W/kg**

Maximum value of SAR (measured) = 22.8 W/kg



0 dB = 20.0 W/kg = 13.01 dBW/kg