

**#01\_GSM850\_GPRS (4 Tx slots)\_Right Cheek\_Ch251;Ant 1**

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

Medium: HSL\_850\_210716 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 43.189$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(8.92, 8.92, 8.92) @ 848.8 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

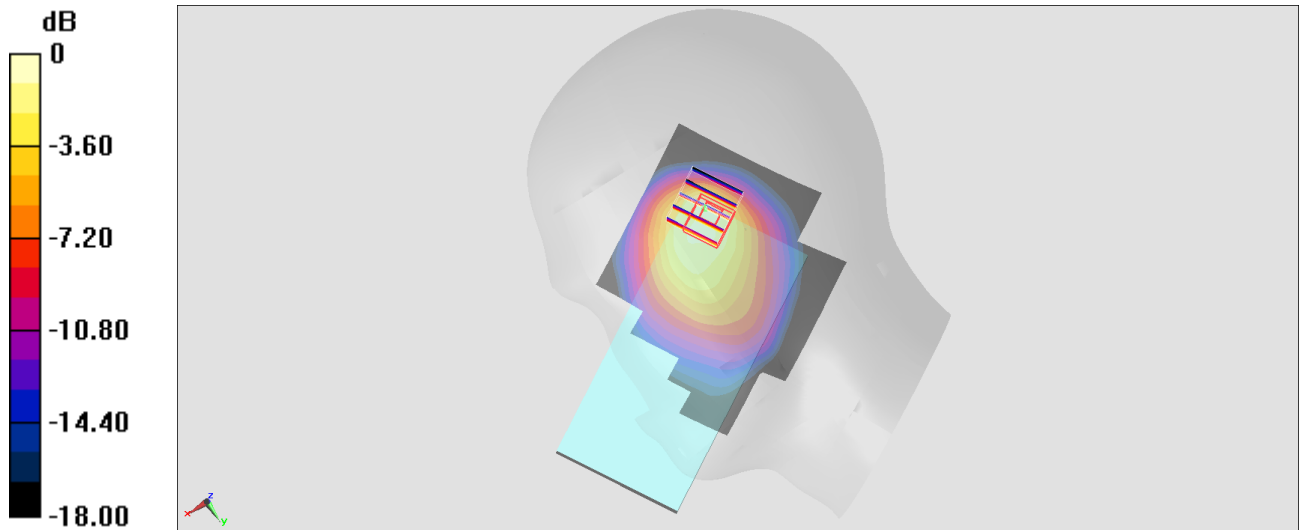
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.50 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.418 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

**#02\_GSM1900\_GPRS (3 Tx slots)\_Left Cheek\_Ch512;Ant 0**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900\_210716 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.393$  S/m;  $\epsilon_r = 38.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(7.97, 7.97, 7.97) @ 1850.2 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.211 W/kg

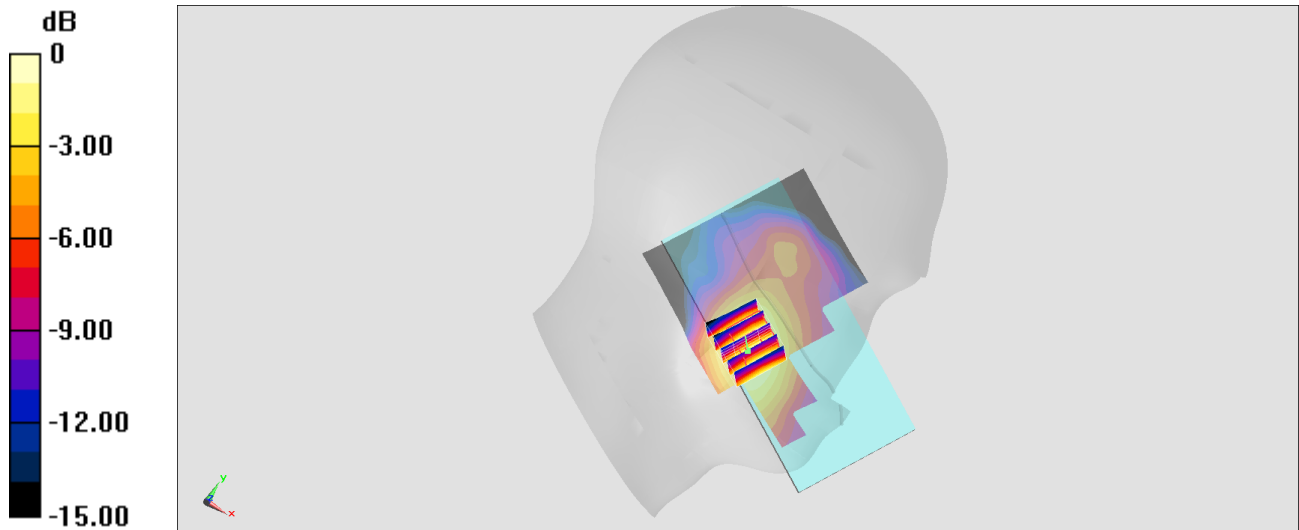
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.14 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.216 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg

**#03\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_0mm\_Ch9538;Ant 0**

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

Medium: HSL\_1900\_210709 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 38.836$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(7.97, 7.97, 7.97) @ 1907.6 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.338 W/kg

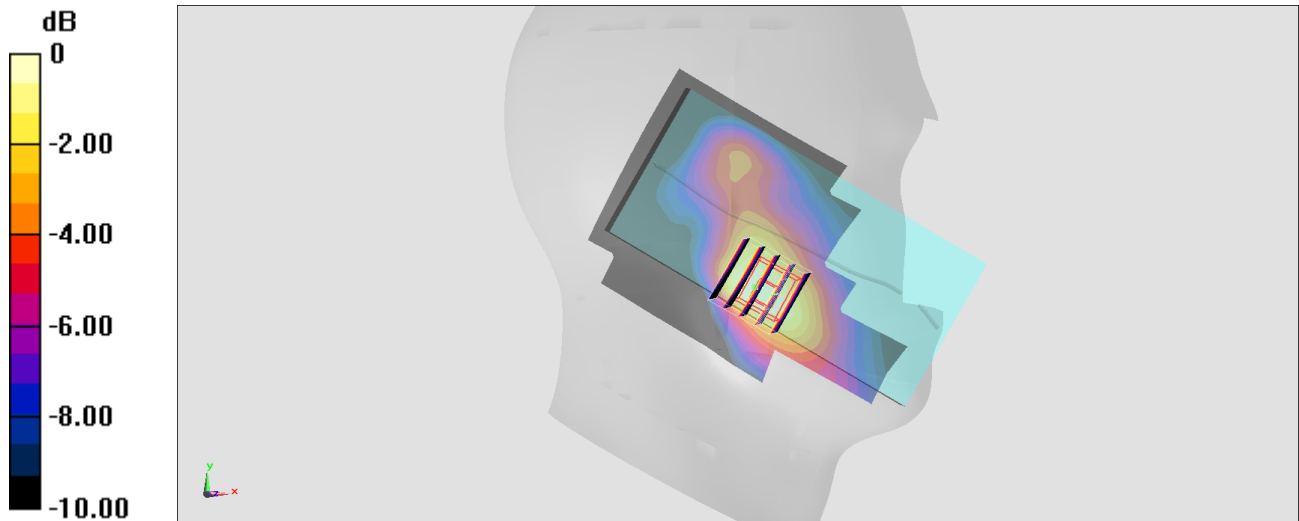
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.14 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.372 W/kg

**SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

**#04\_WCDMA IV\_RMC 12.2Kbps\_Left Cheek\_0mm\_Ch1513;Ant 0**

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

Medium: HSL\_1750\_210709 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 40.404$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(8.21, 8.21, 8.21) @ 1752.6 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.264 W/kg

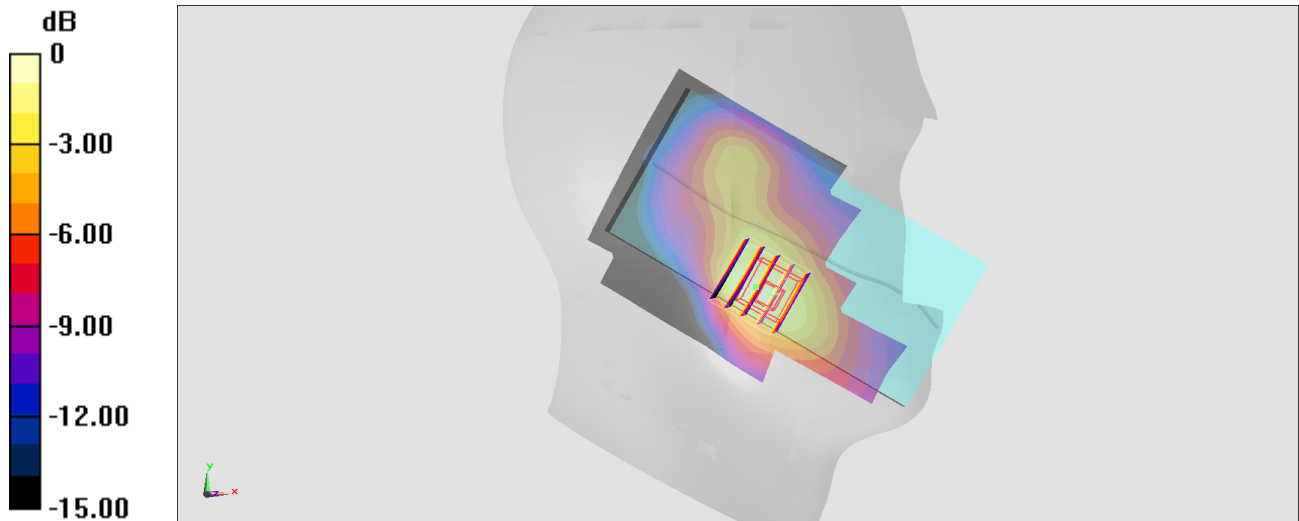
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.56 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.347 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 dBW/kg

**#05\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_Ch4132;Ant 1**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_210716 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7625; ConvF(9.83, 9.83, 9.83) @ 826.4 MHz; Calibrated: 2021/1/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM\_Middle; Type: QD000P40CB; Serial: 1446
- 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

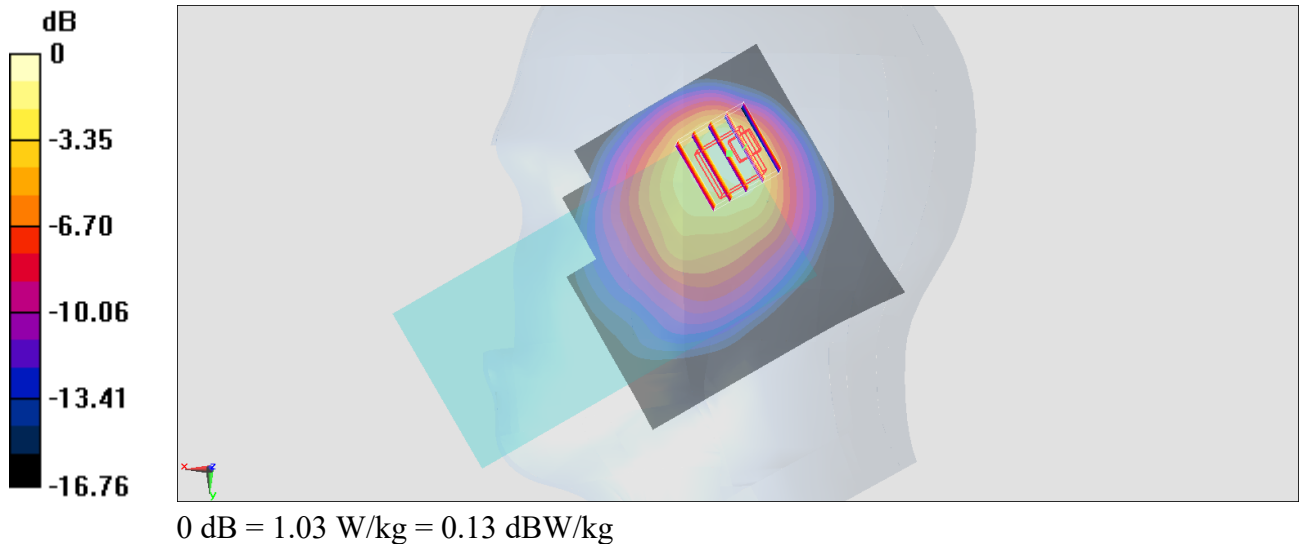
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.91 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.447 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



**#06\_LTE Band 7\_20M\_QPSK\_1\_49\_Left Cheek\_Ch21100;Ant 0**

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

Medium: HSL\_2600\_210715 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 1.88$  S/m;  $\epsilon_r = 38.981$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(7.13, 7.13, 7.13) @ 2535 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.426 W/kg

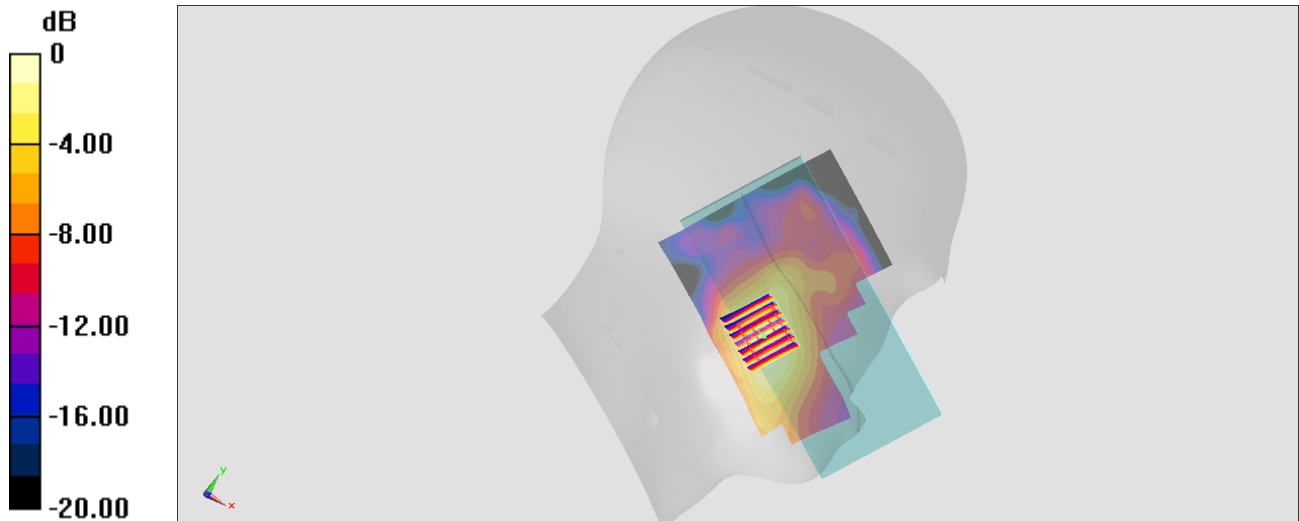
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.35 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.472 W/kg

**SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.136 W/kg**

Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

**#07\_LTE Band 12\_10M\_QPSK\_1\_25\_Right Cheek\_0mm\_Ch23095;Ant 1**

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

Medium: HSL\_750\_210712 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 42.861$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3976; ConvF(10.6, 10.6, 10.6) @ 707.5 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.376 W/kg

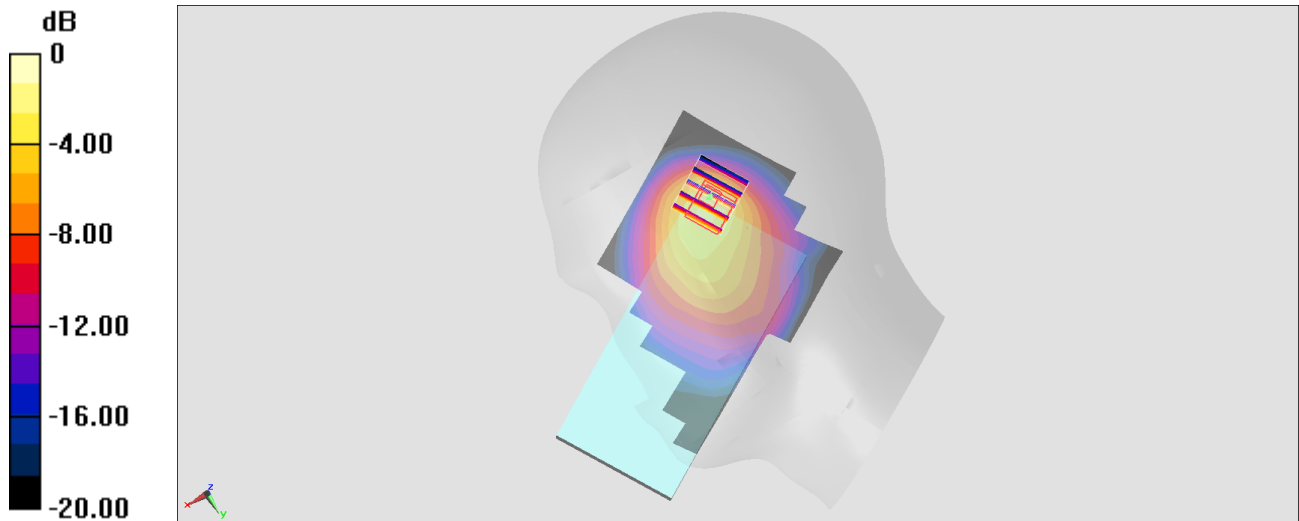
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.14 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.680 W/kg

**SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.136 W/kg**

Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.496 W/kg = -3.05 dBW/kg

**#08\_LTE Band 13\_10M\_QPSK\_1\_25\_Right Cheek\_0mm\_Ch23230;Ant 1**

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

Medium: HSL\_750\_210712 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.903 \text{ S/m}$ ;  $\epsilon_r = 42.386$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6^\circ\text{C}$ ; Liquid Temperature :  $22.6^\circ\text{C}$

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(9.09, 9.09, 9.09) @ 782 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.679 \text{ W/kg}$

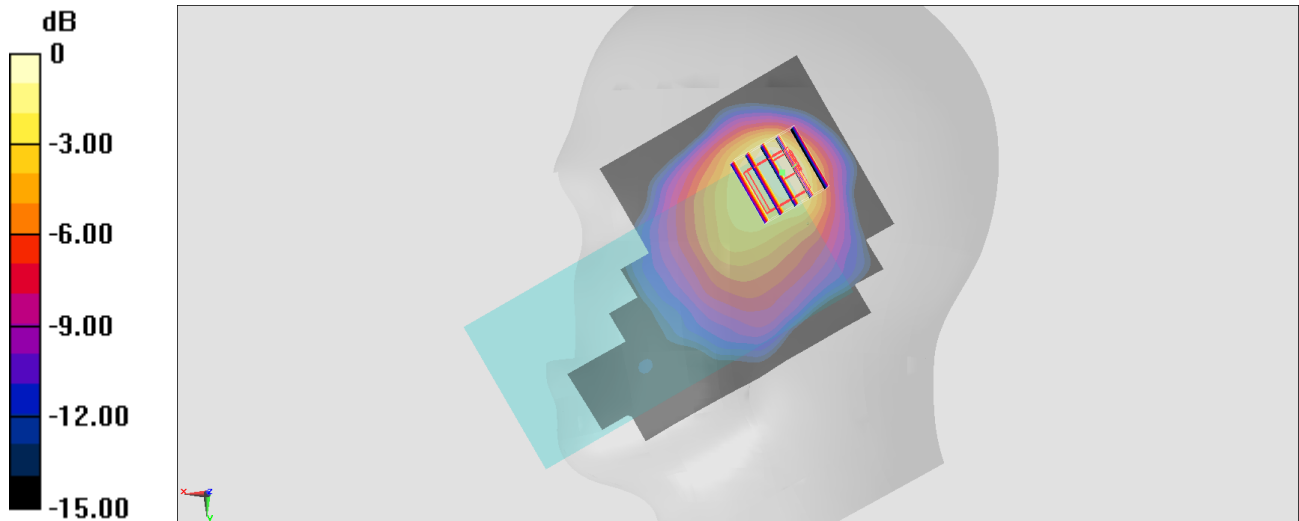
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.87 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.804 \text{ W/kg}$

**SAR(1 g) =  $0.322 \text{ W/kg}$ ; SAR(10 g) =  $0.178 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.532 \text{ W/kg}$



0 dB =  $0.532 \text{ W/kg}$  =  $-2.74 \text{ dBW/kg}$

**#09\_LTE Band 14\_10M\_QPSK\_1\_25\_Right Cheek\_0mm\_Ch23330;Ant 1**

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_210712 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 42.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(9.09, 9.09, 9.09) @ 793 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

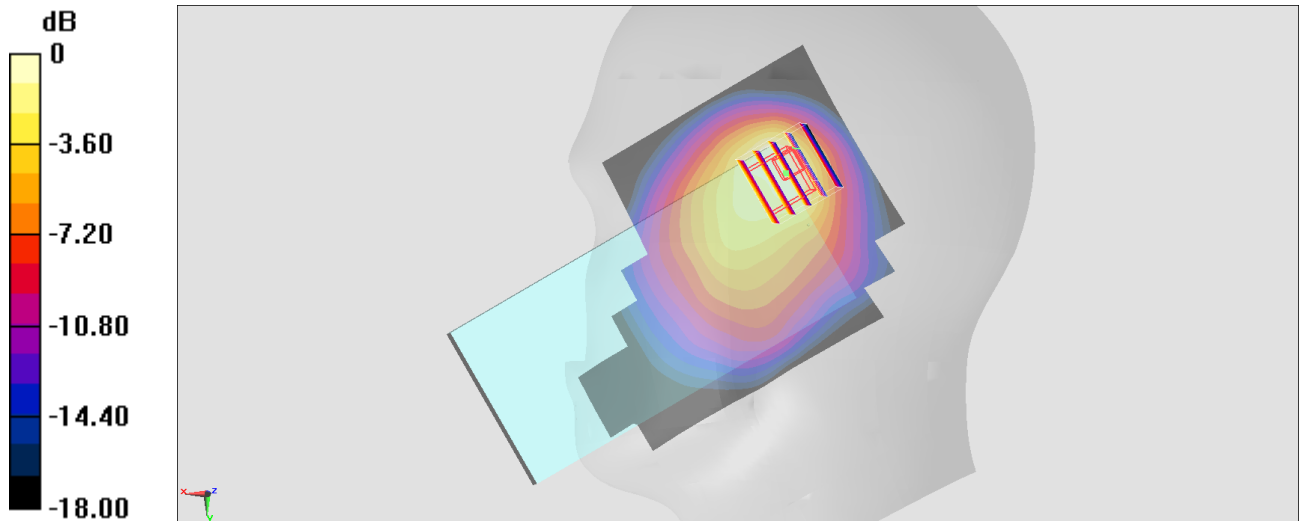
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.45 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.279 W/kg**

Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

**#10\_LTE Band 25\_20M\_QPSK\_1\_49\_Left Cheek\_Ch26590;Ant 0**

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

Medium: HSL\_1900\_210714 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 39.007$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3976; ConvF(8.4, 8.4, 8.4) @ 1905 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.381 W/kg

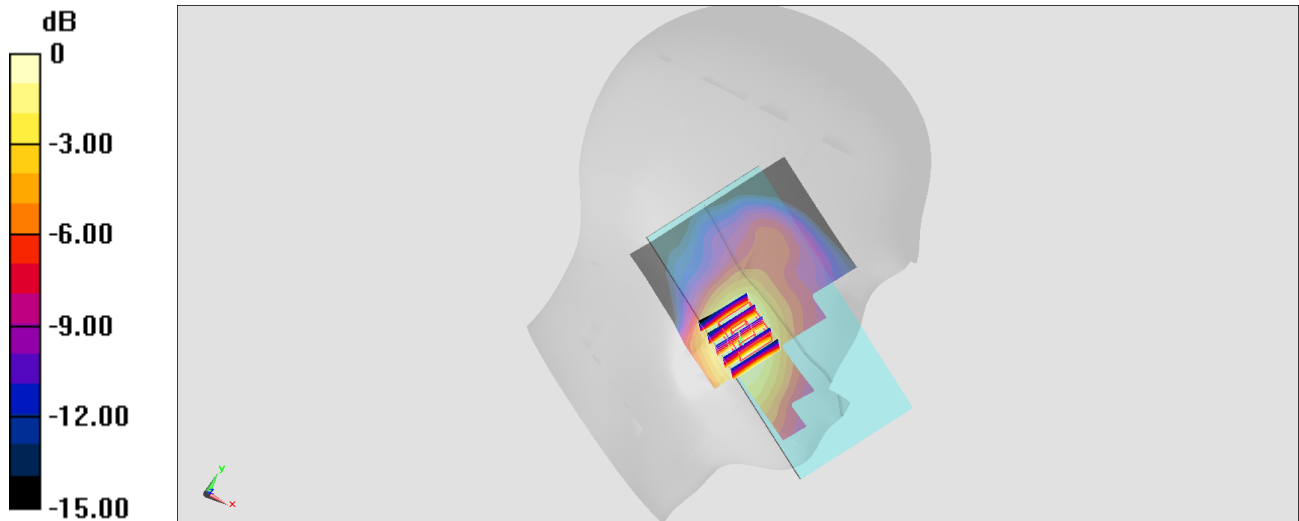
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.71 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.449 W/kg

**SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.162 W/kg**

Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379 W/kg = -4.21 dBW/kg

**#11\_LTE Band 26\_15M\_QPSK\_1\_37\_Right Tilted\_Ch26865;Ant 1**

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_210711 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 42.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(8.92, 8.92, 8.92) @ 831.5 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.490 W/kg

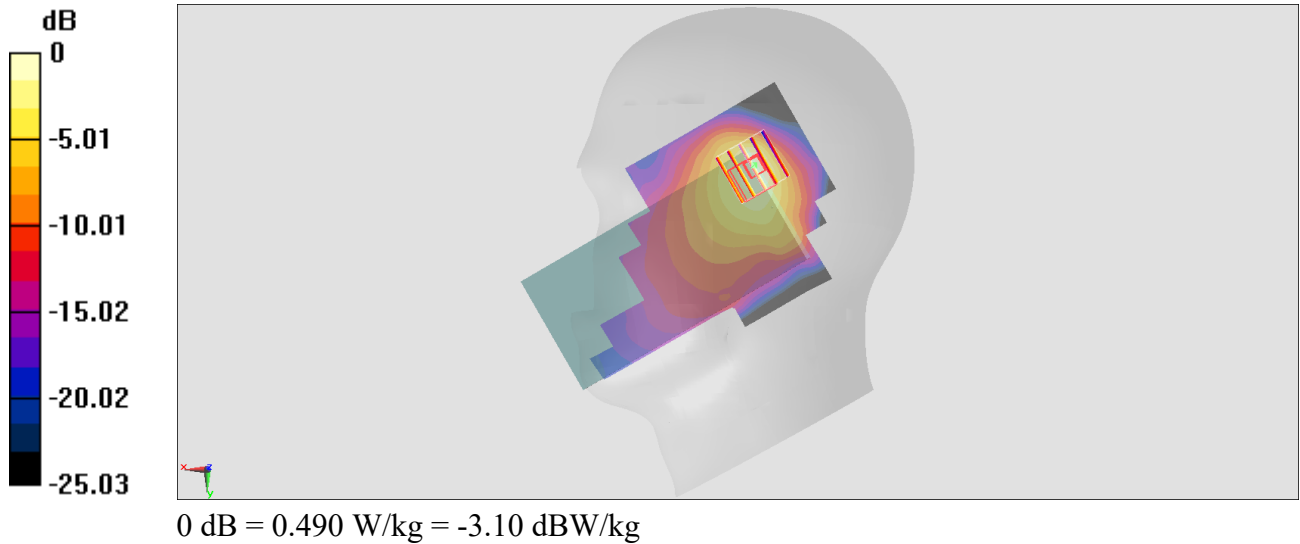
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.68 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.197 W/kg**

Maximum value of SAR (measured) = 0.809 W/kg



**#12\_LTE Band 30\_10M\_QPSK\_1\_25\_Left Cheek\_Ch27710;Ant 0**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL\_2300\_210713 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.677$  S/m;  $\epsilon_r = 39.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(7.51, 7.51, 7.51) @ 2310 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.251 W/kg

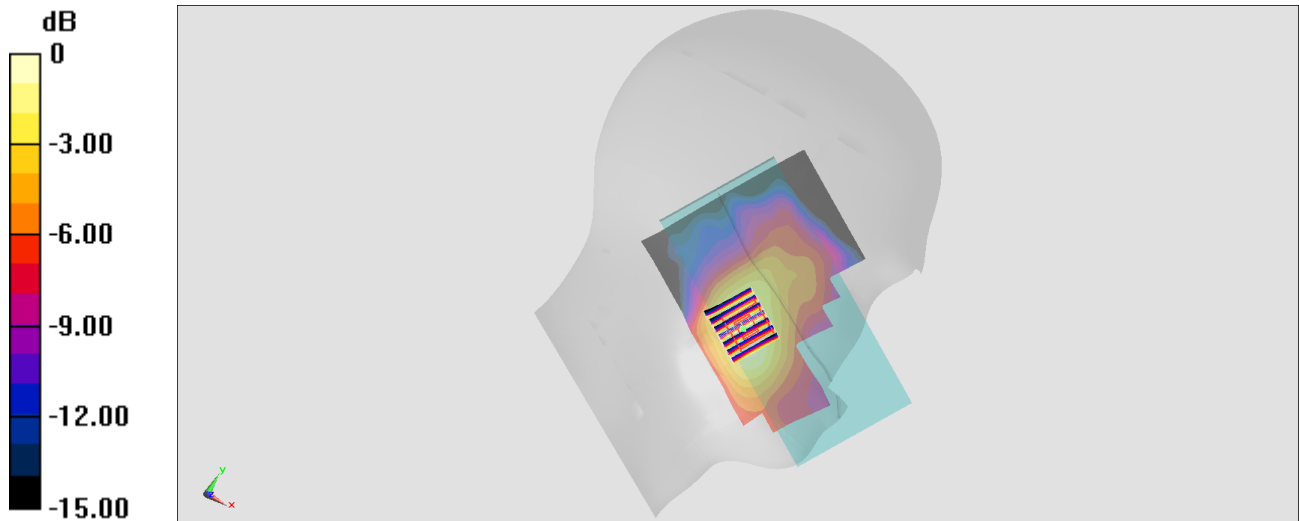
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.48 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.089 W/kg**

Maximum value of SAR (measured) = 0.236 W/kg



0 dB = 0.236 W/kg = -6.27 dBW/kg

**#13\_LTE Band 66\_20M\_QPSK\_1\_49\_Left Cheek\_0mm\_Ch132572;Ant 0**

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

Medium: HSL\_1750\_210714 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 40.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3976; ConvF(8.68, 8.68, 8.68) @ 1770 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.293 W/kg

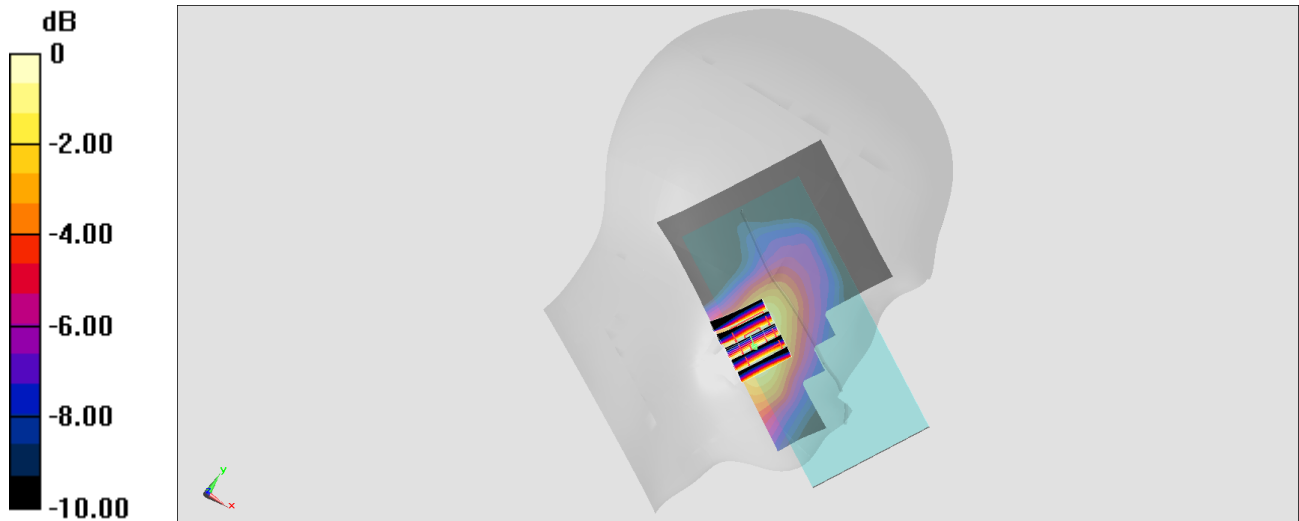
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.28 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.300 W/kg



0 dB = 0.300 W/kg = -5.23 dBW/kg

**#14\_LTE Band 71\_20M\_QPSK\_1\_49\_Right Cheek\_Ch133322;Ant 1**

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_210716 Medium parameters used:  $f = 683 \text{ MHz}$ ;  $\sigma = 0.874 \text{ S/m}$ ;  $\epsilon_r = 43.852$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3^\circ \text{C}$ ; Liquid Temperature :  $22.3^\circ \text{C}$

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(9.09, 9.09, 9.09) @ 683 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.434 \text{ W/kg}$

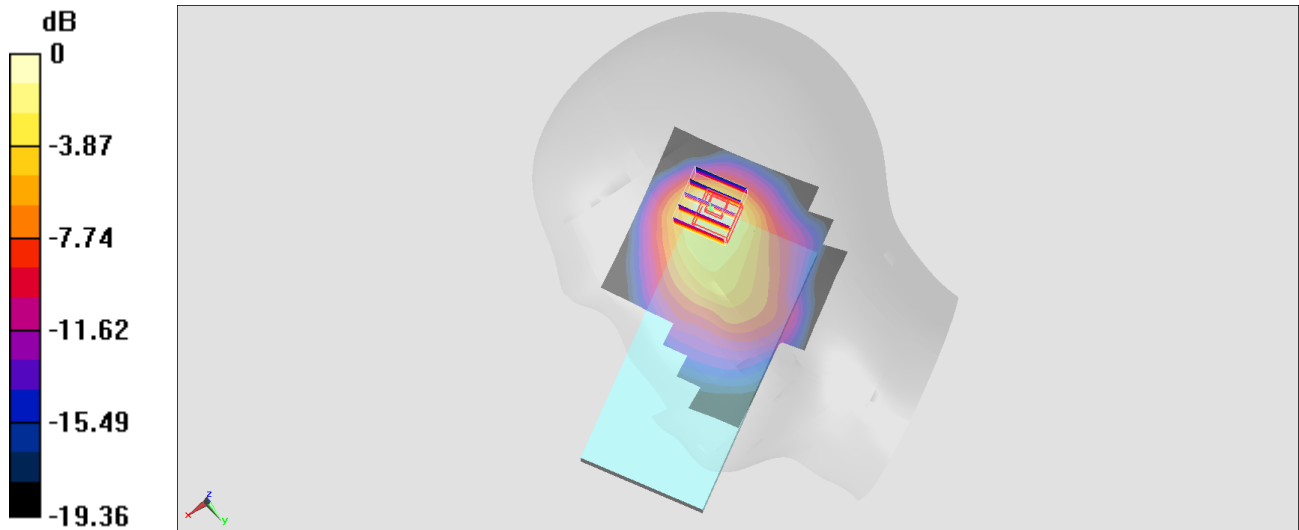
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.74 \text{ V/m}$ ; Power Drift =  $0.18 \text{ dB}$

Peak SAR (extrapolated) =  $0.594 \text{ W/kg}$

**SAR(1 g) =  $0.228 \text{ W/kg}$ ; SAR(10 g) =  $0.121 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.376 \text{ W/kg}$



0 dB =  $0.376 \text{ W/kg}$  =  $-4.25 \text{ dBW/kg}$

**#15\_LTE Band 41 HPUE\_20M\_QPSK\_1\_99\_Right Cheek\_Ch39750;Ant 2**

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_210715 Medium parameters used :  $f = 2506$  MHz;  $\sigma = 1.85$  S/m;  $\epsilon_r = 39.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(7.13, 7.13, 7.13) @ 2506 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x161x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.212 W/kg

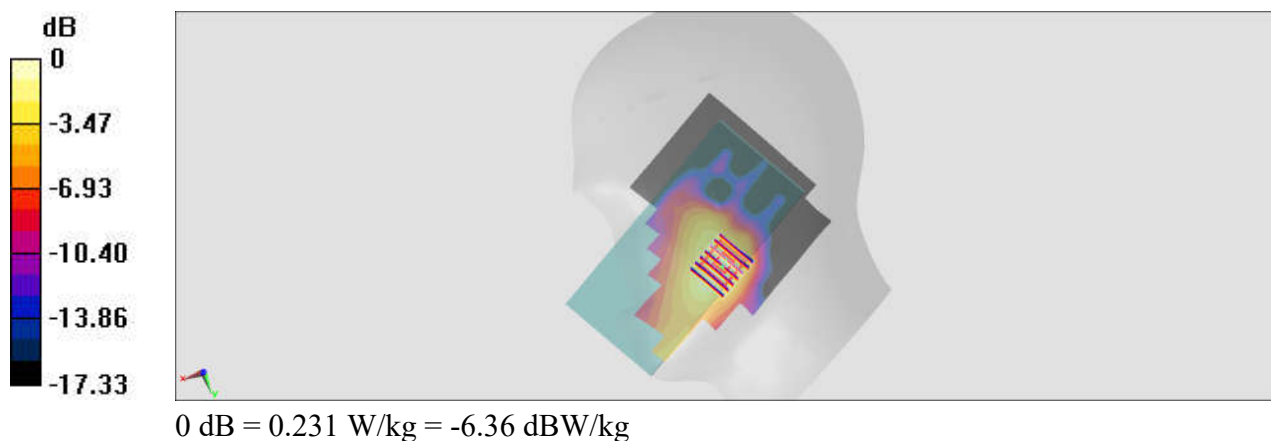
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.608 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.089 W/kg**

Maximum value of SAR (measured) = 0.231 W/kg



**#16\_LTE Band 48\_20M\_QPSK\_1\_0\_Left Cheek\_Ch55340;Ant 6**

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

Medium: HSL\_3300-4200\_210713 Medium parameters used:  $f = 3560$  MHz;  $\sigma = 2.98$  S/m;  $\epsilon_r = 37.396$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(6.8, 6.8, 6.8) @ 3560 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: Twin-SAM V5.0\_LEFT; Type: QD 000 P40 CD; Serial: 1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.387 W/kg

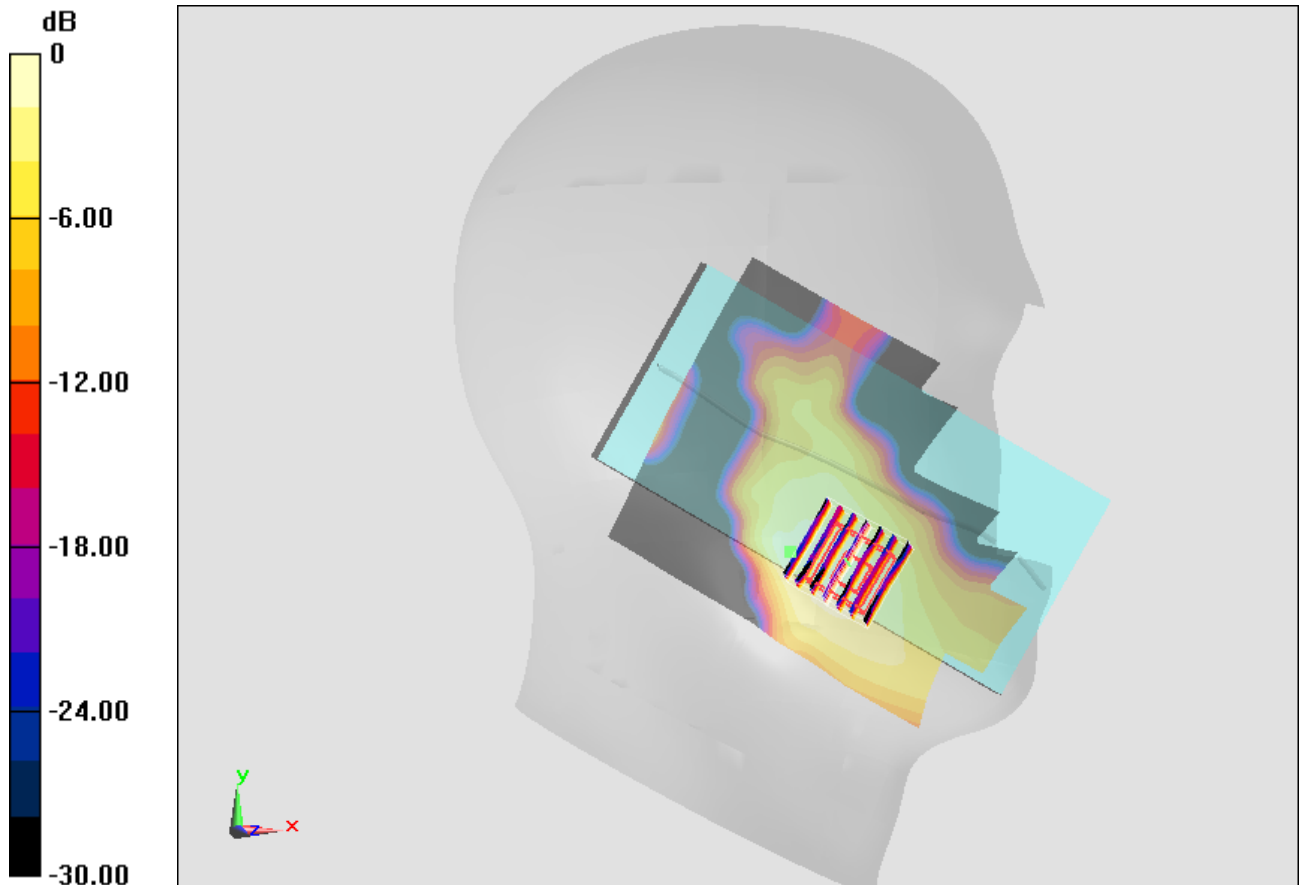
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 6.920 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.435 W/kg



0 dB = 0.435 W/kg = -3.62 dBW/kg

**#17\_FR1 n5\_20M\_BPSK\_50\_28\_Right Cheek\_Ch167300;Ant 1**

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

Medium: HSL\_850\_210709 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 42.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09) @ 836.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2021/4/9
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 0.797 W/kg

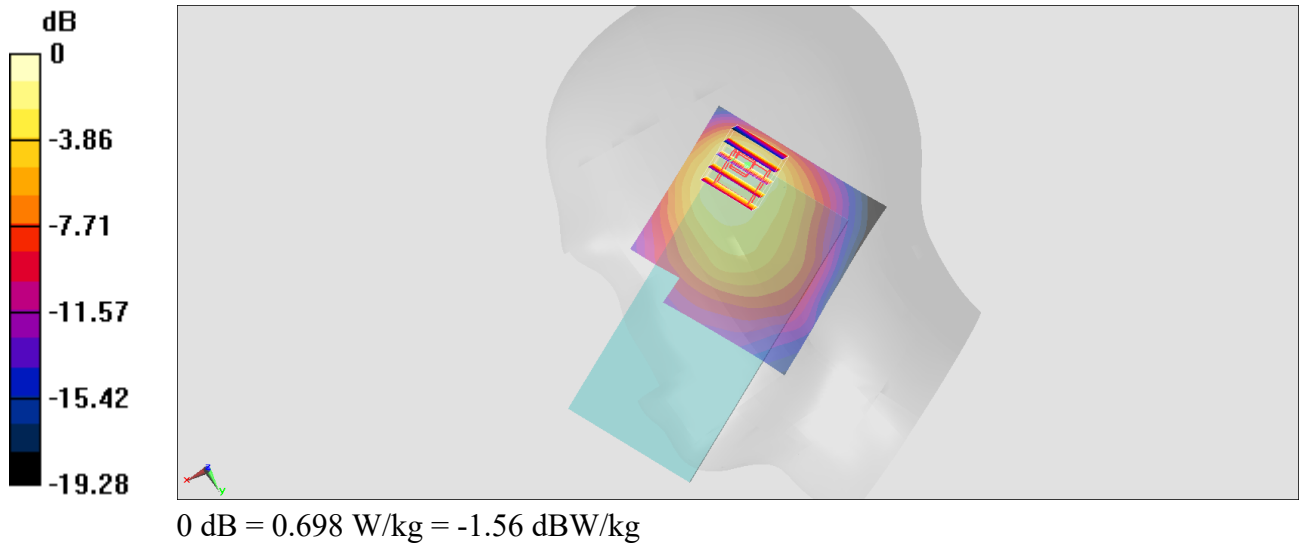
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.11 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.317 W/kg**

Maximum value of SAR (measured) = 0.698 W/kg



**#18\_FR1 n7\_20M\_BPSK\_50\_28\_Left Cheek\_Ch512000;Ant 0**

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

Medium: HSL\_2600\_210710 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.959$  S/m;  $\epsilon_r = 39.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.47, 4.47, 4.47) @ 2560 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2021/4/9
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.423 W/kg

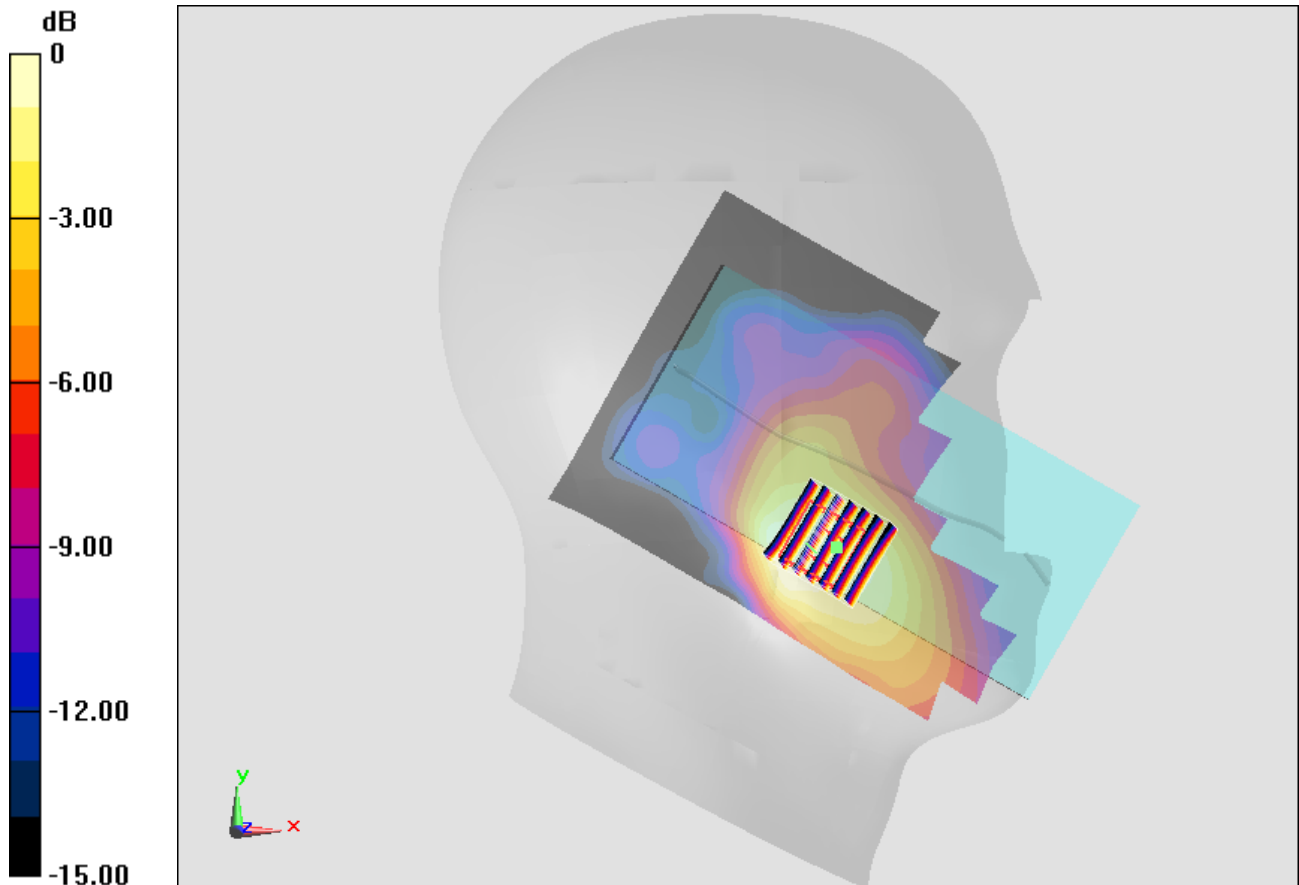
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.18 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.606 W/kg

**SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 W/kg = -3.69 dBW/kg

**#19\_FR1 n12\_15M\_BPSK\_36\_22\_Right Cheek\_Ch141500;Ant 1**

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

Medium: HSL\_750\_210709 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 43.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36) @ 707.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 0.593 W/kg

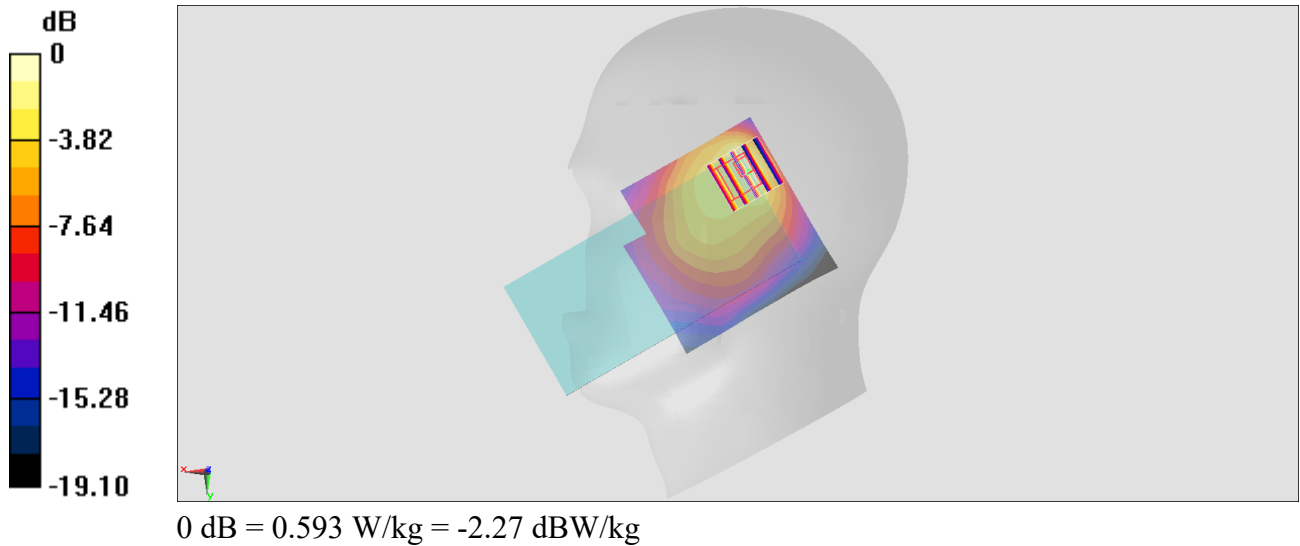
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.32 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.214 W/kg**

Maximum value of SAR (measured) = 0.565 W/kg



**#20\_FR1 n25\_20M\_BPSK\_50\_28\_Left Cheek\_Ch376500;Ant 0**

Communication System: NR; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_210708 Medium parameters used :  $f = 1882.5$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 39.193$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(5.1, 5.1, 5.1) @ 1882.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 0.353 W/kg

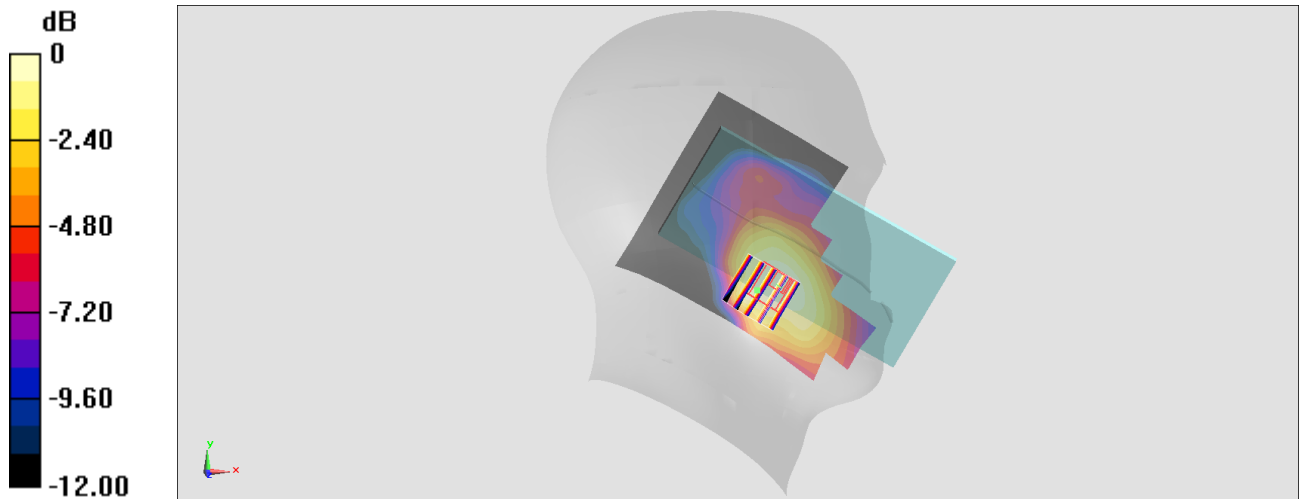
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.67 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.458 W/kg

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.201 W/kg**

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



0 dB = 0.353 W/kg = -4.52 dBW/kg

**#21\_FR1 n30\_10M\_BPSK\_1\_26\_Left Cheek\_Ch462000;Ant 0**

Communication System: NR; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL\_2300\_210710 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.663$  S/m;  $\epsilon_r = 40.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.82, 4.82, 4.82) @ 2310 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2021/4/9
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.292 W/kg

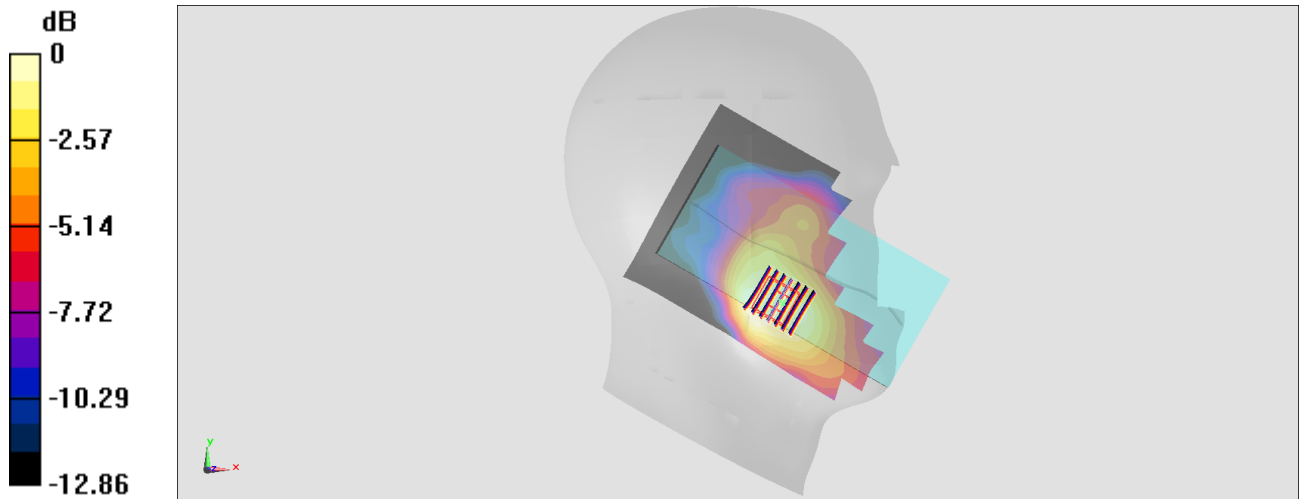
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.36 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.417 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.292 W/kg = -5.35 dBW/kg

**#22\_FR1 n41\_100M\_BPSK\_135\_69\_Right Tilted\_Ch518598;Ant 1**

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

Medium: HSL\_2600\_210810 Medium parameters used:  $f = 2592.99$  MHz;  $\sigma = 1.968$  S/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3976; ConvF(7.6, 7.6, 7.6) @ 2592.99 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM\_Right; Type: QD000P40CB; Serial: 1885
- 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) = 1.66 W/kg

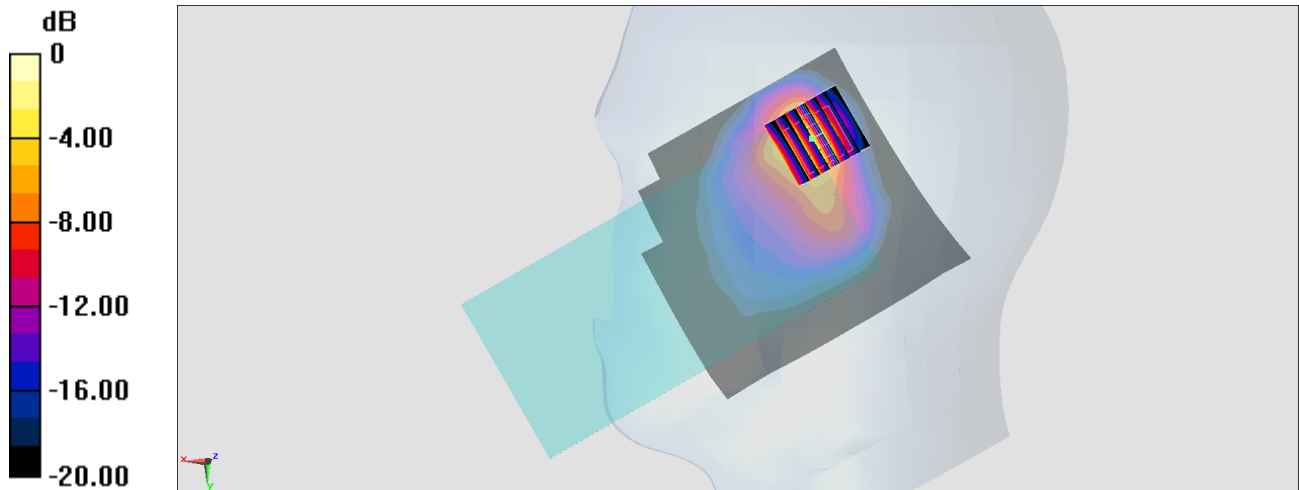
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.57 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.354 W/kg**

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

**#23\_FR1 n66\_40M\_BPSK\_1\_108\_Left Cheek\_Ch352000;Ant 0**

Communication System: NR; Frequency: 1760 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_210708 Medium parameters used:  $f = 1760$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 40.287$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(5.46, 5.46, 5.46) @ 1760 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2021/4/9
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 0.269 W/kg

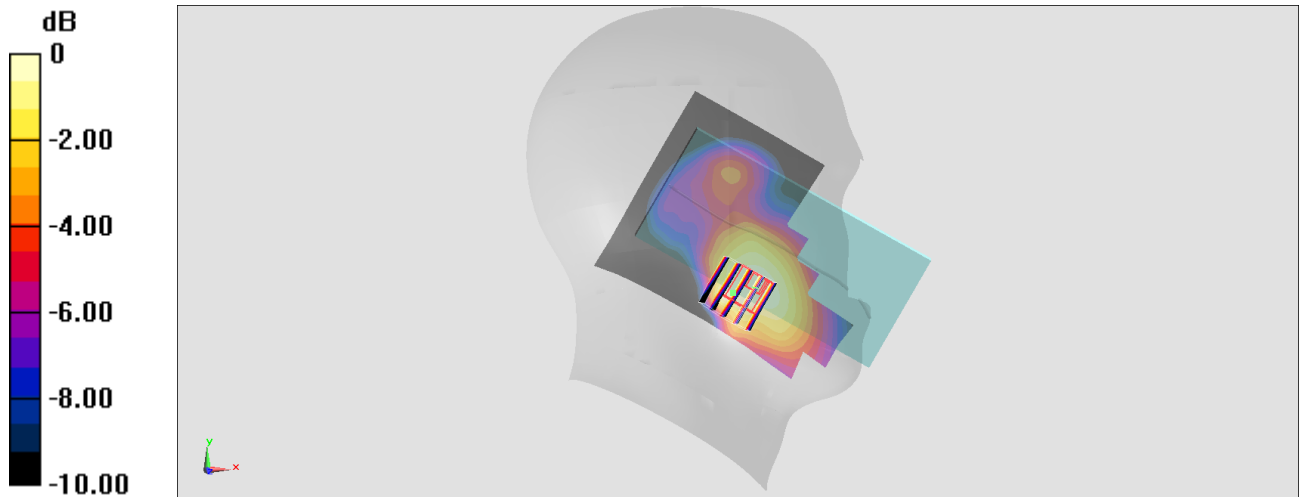
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.13 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.342 W/kg

**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.145 W/kg**

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -5.82 dBW/kg

**#24\_FR1 n71\_20M\_BPSK\_1\_53\_Right Tilted\_Ch136100;Ant 1**

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

Medium: HSL\_750\_210704 Medium parameters used :  $f = 680.5$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 43.096$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36) @ 680.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 0.315 W/kg

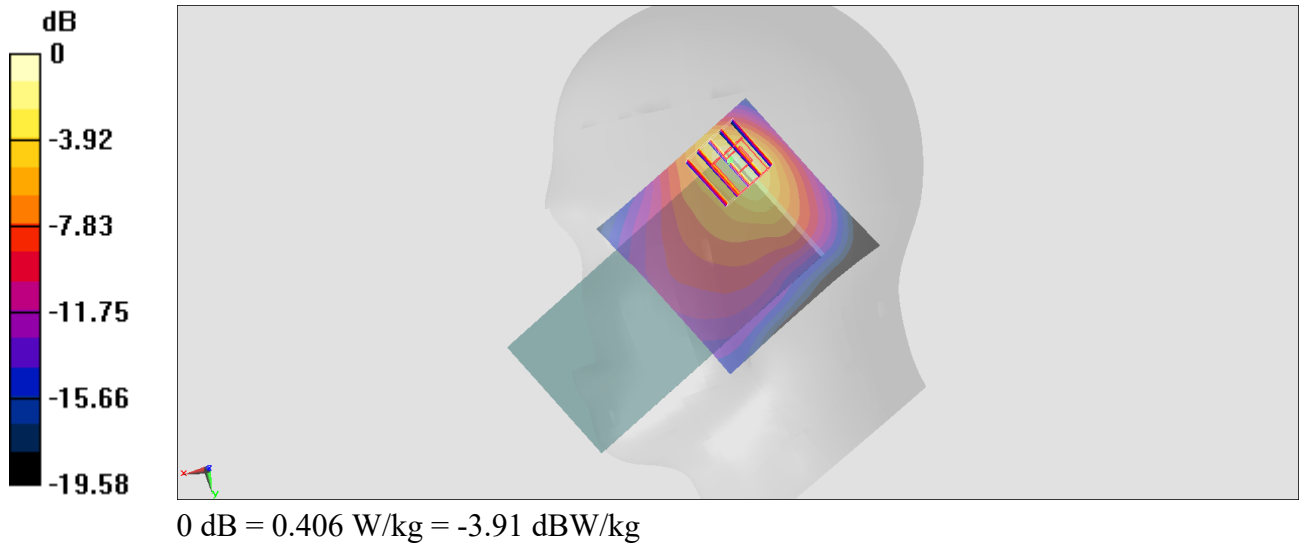
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.87 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.966 W/kg

**SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.406 W/kg



**#25\_FR1 n77\_100M\_BPSK\_1\_37\_Left Cheek\_Ch656000;Ant 6**

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

Medium: HSL\_3300-4200\_210717 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.266$  S/m;  $\epsilon_r = 38.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(6.33, 6.33, 6.33) @ 3840 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.738 W/kg

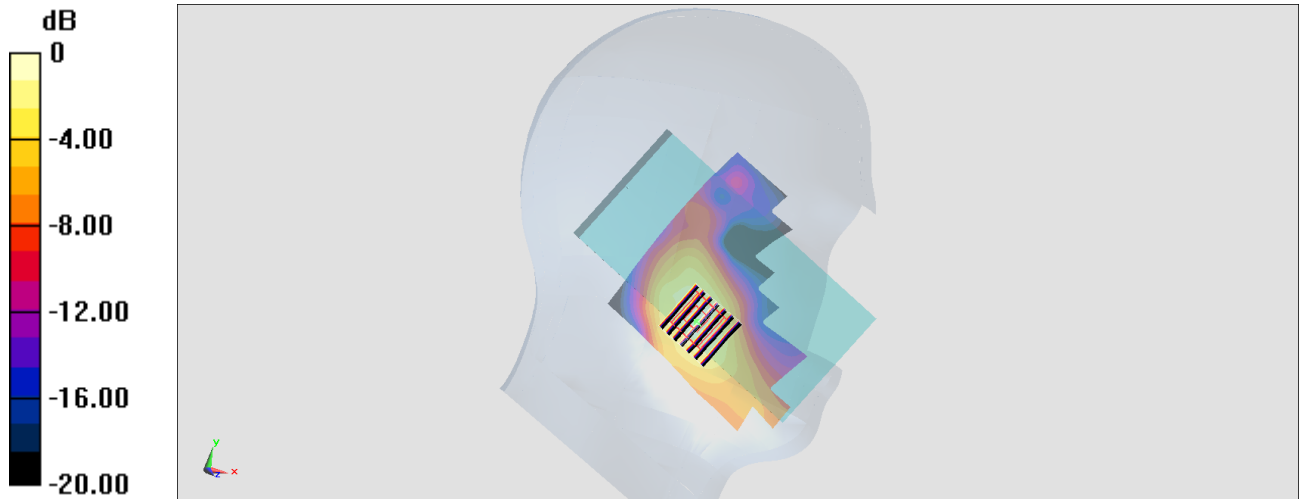
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 9.351 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.181 W/kg**

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



0 dB = 0.751 W/kg = -1.24 dBW/kg

**#26\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch12;Ant 3+4**

Communication System: 802.11b; Frequency: 2467 MHz; Duty Cycle: 1:1.056

Medium: HSL\_2450\_210714 Medium parameters used:  $f = 2467$  MHz;  $\sigma = 1.871$  S/m;  $\epsilon_r = 39.195$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3124; ConvF(4.62, 4.62, 4.62) @ 2467 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2021/4/9
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: 1719
- 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) = 1.35 W/kg

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

Reference Value = 17.48 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.471 W/kg**

Maximum value of SAR (measured) = 1.13 W/kg

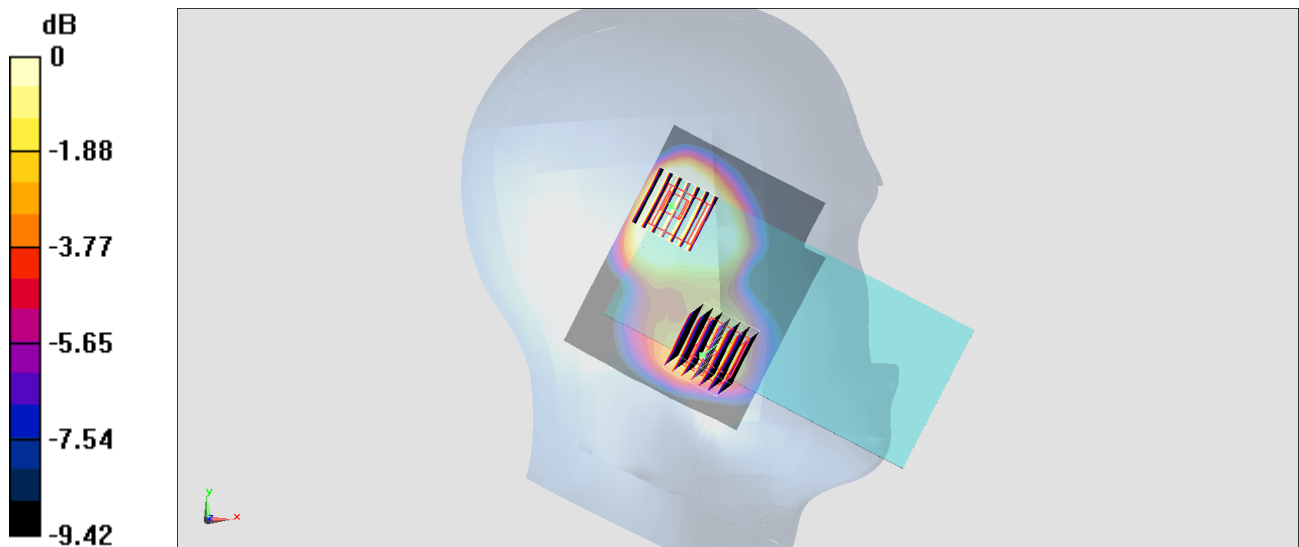
**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.48 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.405 W/kg

**SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

**#27\_WLAN5GHz\_802.11n-HT40 MCS0\_Right Cheek\_Ch54;Ant 3+7**

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.033

Medium: HSL\_5G\_210706 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.635$  S/m;  $\epsilon_r = 35.582$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(5.36, 5.36, 5.36) @ 5270 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

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

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

Reference Value = 12.41 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.255 W/kg**

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

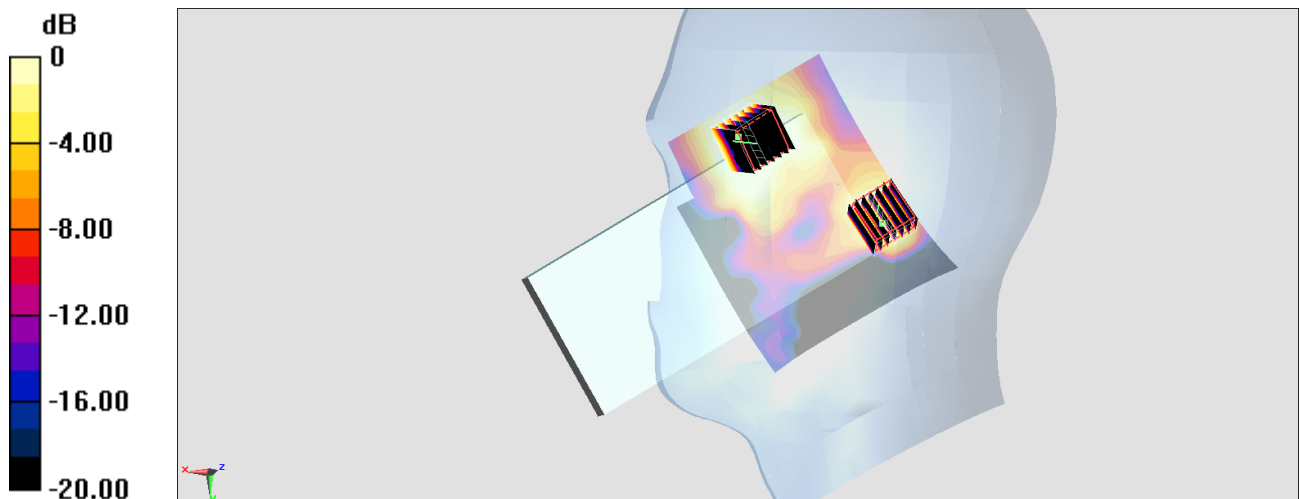
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 12.41 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.957 W/kg

**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.628 W/kg



0 dB = 0.628 W/kg = -2.02 dBW/kg

**#28\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch138;Ant 3+7**

Communication System:802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.135

Medium: HSL\_5G\_210706 Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.107$  S/m;  $\epsilon_r = 34.958$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(4.91, 4.91, 4.91) @ 5690 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 12.53 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.220 W/kg**

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

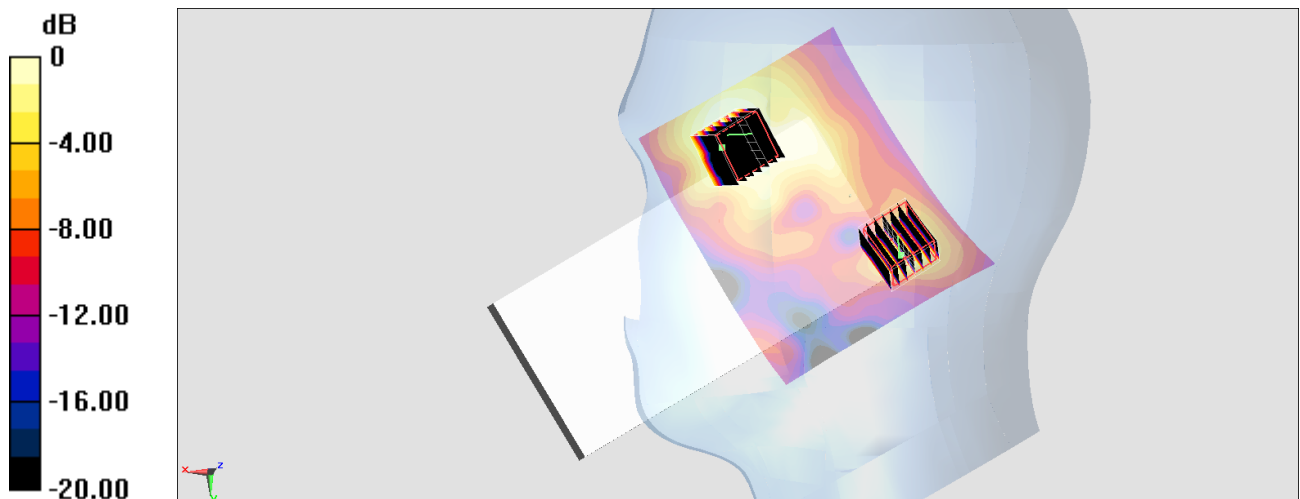
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.53 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.726 W/kg



0 dB = 0.726 W/kg = -1.39 dBW/kg

**#29\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch155;Ant 3+7**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.135

Medium: HSL\_5G\_210706 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.214$  S/m;  $\epsilon_r = 34.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(4.91, 4.91, 4.91) @ 5775 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

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

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

Reference Value = 10.10 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.31 W/kg

**SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg

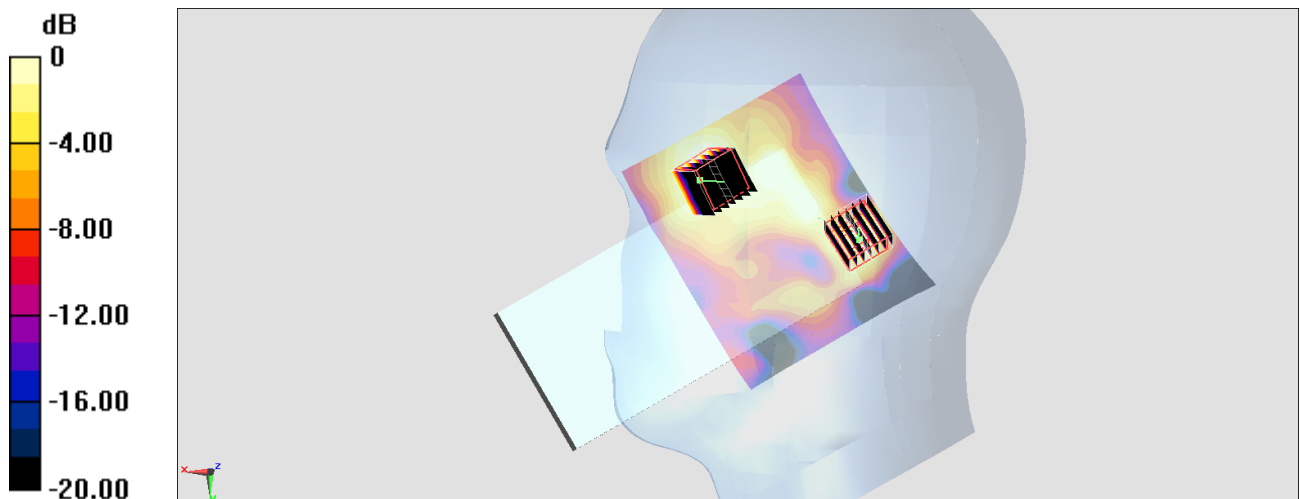
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 10.10 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.744 W/kg



0 dB = 0.744 W/kg = -1.28 dBW/kg

**#30\_WLAN6GHz\_802.11ax-HE160 MCS0\_Left Tilted\_Ch175;Ant 3+7**

Communication System: U-NII-7; Frequency: 6825.0

Medium: HSL\_6G\_210721 Medium parameters used:  $f = 6825.0$  MHz;  $\sigma = 6.51$  S/m;  $\epsilon_r = 35.09$

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

**DASY6 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(5.4, 5.4, 5.4); Calibrated: 2021-01-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn656; Calibrated: 2021-01-22
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1801; Section: LeftHead
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAB
- MAIA: Area Scan: N/A; Zoom Scan: N/A

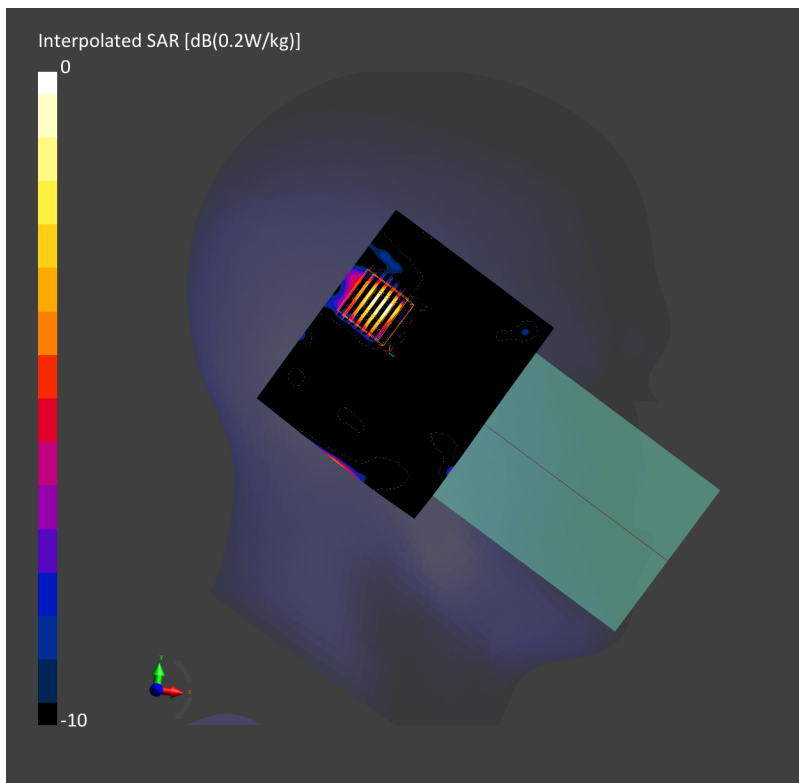
**Area Scan (102.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.130 W/kg; SAR (10g) = 0.039 W/kg;

**Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.07 dB

SAR (1g) = 0.135 W/kg; SAR (10g) = 0.045 W/kg;



**#31\_Bluetooth\_1Mbps\_Left Cheek\_Ch00;Ant 4**

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450\_210723 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.754$  S/m;  $\epsilon_r = 39.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.62, 4.62, 4.62) @ 2402 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM\_Right; Type: QD000P40CB; Serial: 1150
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

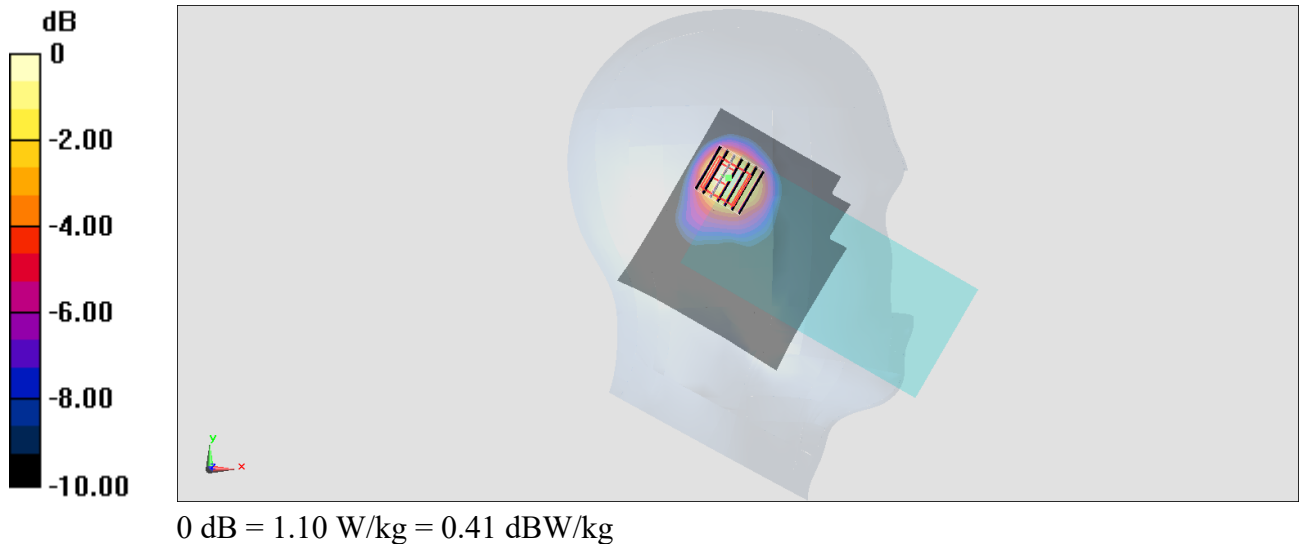
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.464 W/kg**

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



**#32\_GSM850\_GPRS(4 Tx slots)\_Back\_10mm\_Ch128;Ant 1**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_210703 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 42.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(8.92, 8.92, 8.92) @ 824.2 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 0.516 W/kg

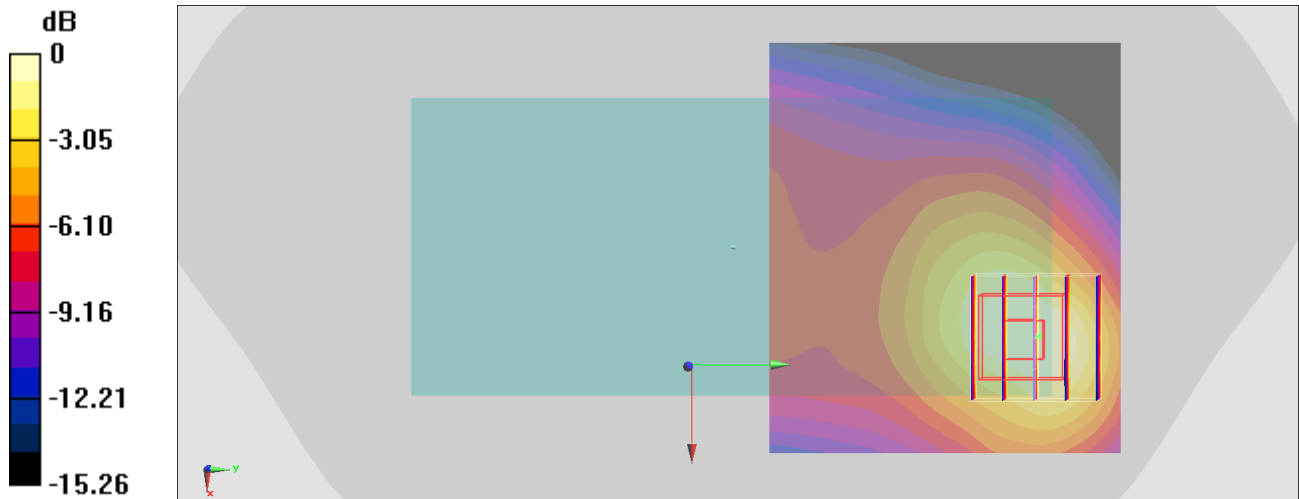
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.70 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.552 W/kg

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.194 W/kg**

Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.456 W/kg = -3.41 dBW/kg

**#33\_GSM1900\_GPRS(4 Tx slots)\_Bottom Side\_10mm\_Ch512;Ant 2**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_210715 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 38.846$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(7.97, 7.97, 7.97) @ 1850.2 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 1.40 W/kg

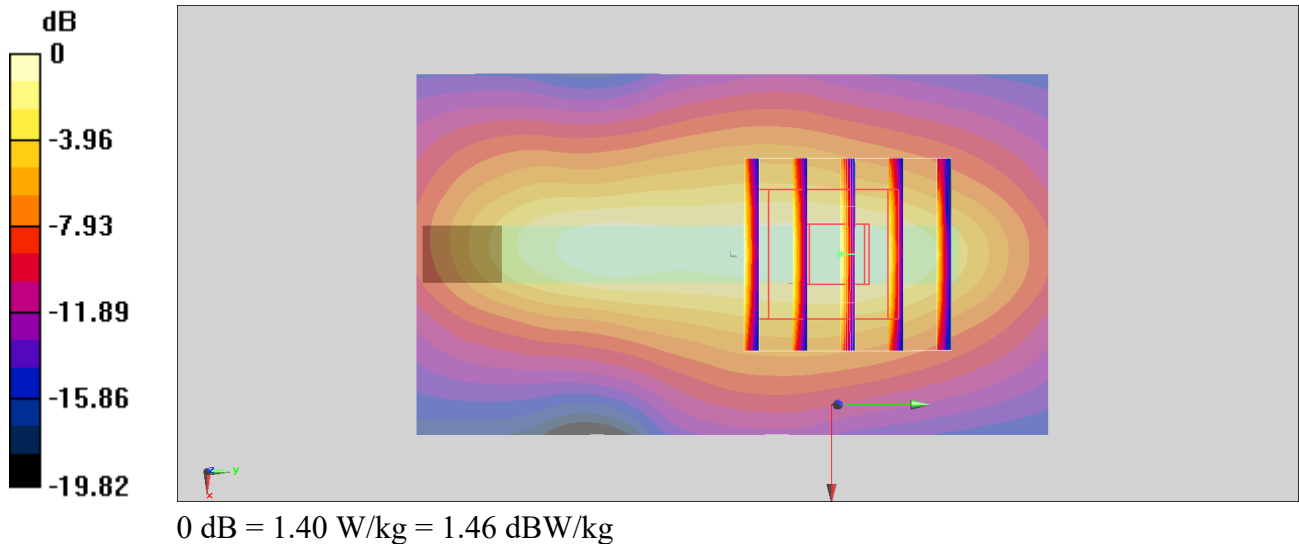
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.04 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.478 W/kg**

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



**#34\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538;Ant 0**

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

Medium: HSL\_1900\_210712 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 40.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7625; ConvF(8.11, 8.11, 8.11) @ 1907.6 MHz; Calibrated: 2021/1/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM\_Middle; Type: QD000P40CB; Serial: 1446
- 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) = 1.12 W/kg

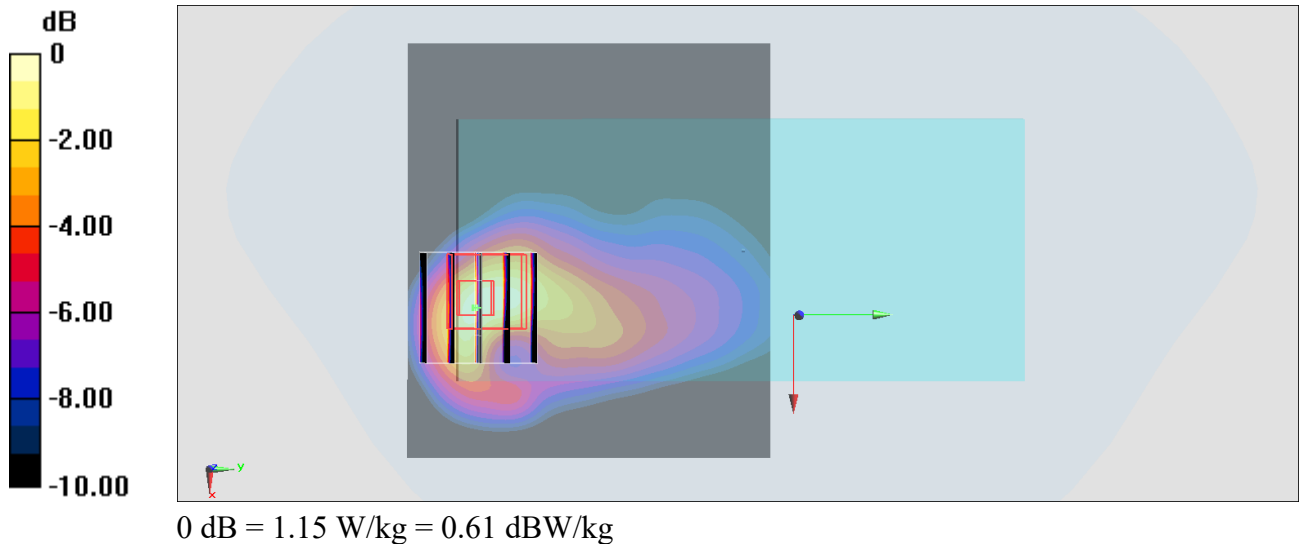
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.30 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.416 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg



**#35\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch1513;Ant 2**

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

Medium: HSL\_1750\_210714 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.393$  S/m;  $\epsilon_r = 40.329$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7625; ConvF(8.47, 8.47, 8.47) @ 1752.6 MHz; Calibrated: 2021/1/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM\_Middle; Type: QD000P40CB; Serial: 1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

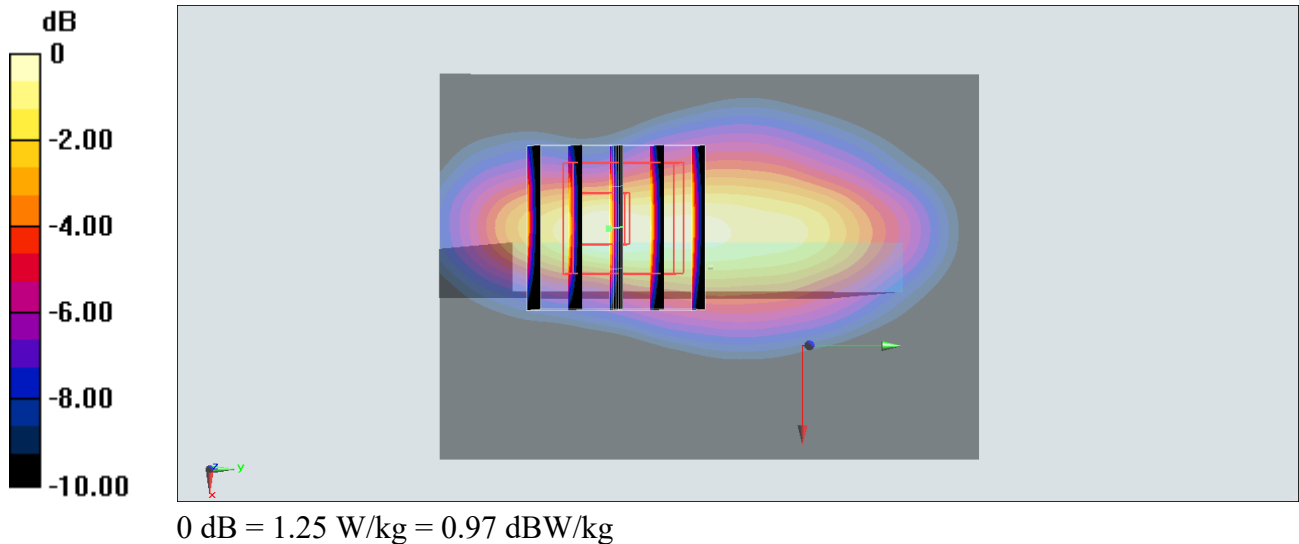
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.46 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.472 W/kg**

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



**#36\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4233;Ant 1**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_210703 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.948$  S/m;  $\epsilon_r = 42.609$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09) @ 846.6 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 0.311 W/kg

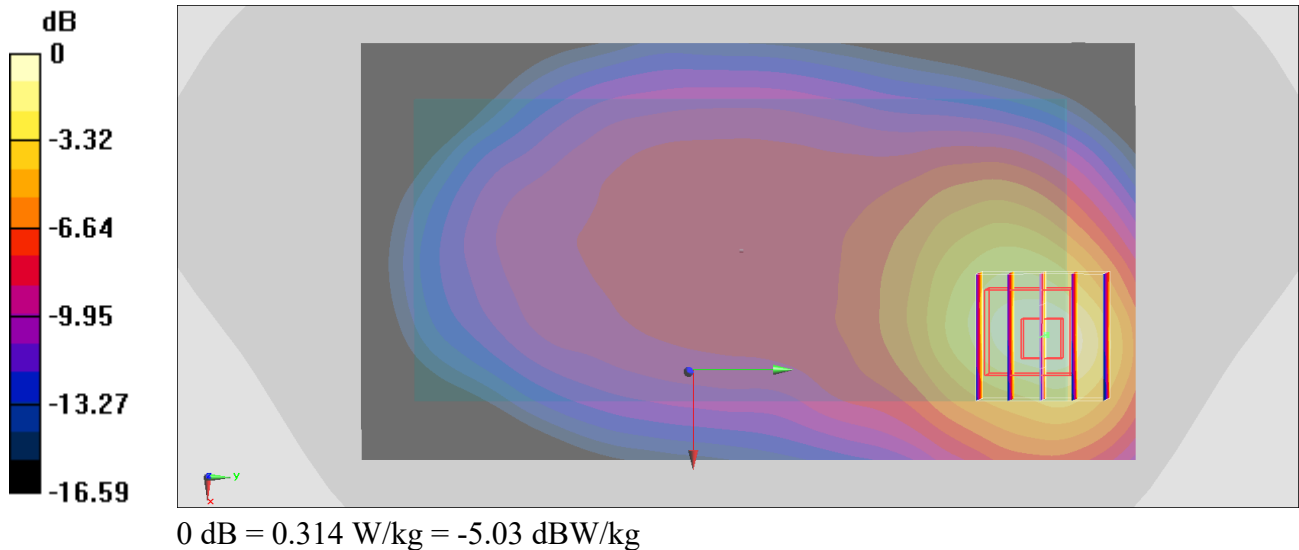
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.56 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.453 W/kg

**SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.314 W/kg



**#37\_LTE Band 7\_20M\_QPSK\_50\_0\_Left Side\_10mm\_Ch21350;Ant 0**

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

Medium: HSL\_2600\_210714 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.912$  S/m;  $\epsilon_r = 37.915$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3642; ConvF(7.13, 7.13, 7.13) @ 2560 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- 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) = 1.39 W/kg

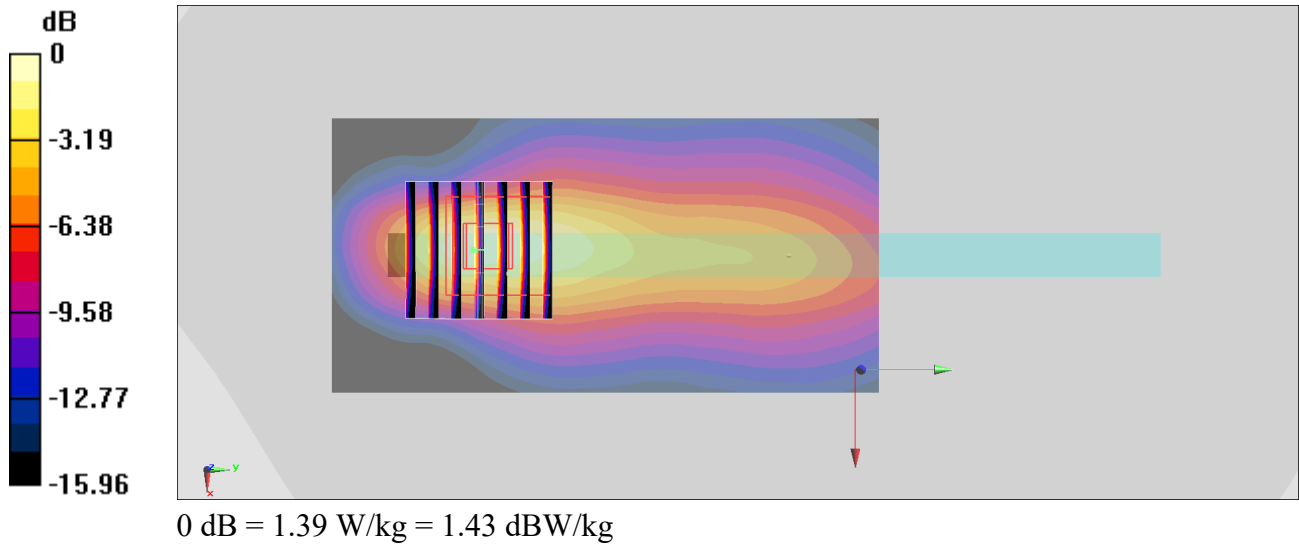
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 27.02 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.373 W/kg**

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



**#38\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23095;Ant 0**

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

Medium: HSL\_750\_210711 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.895$  S/m;  $\epsilon_r = 43.294$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36) @ 707.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2021/4/9
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

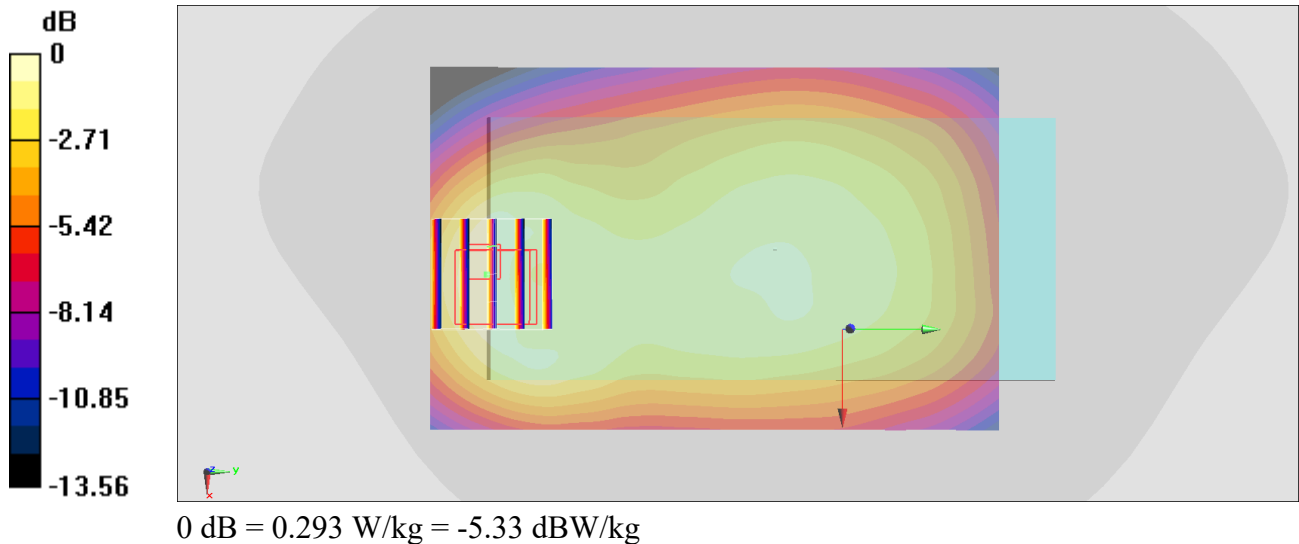
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.54 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.422 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.141 W/kg**

Maximum value of SAR (measured) = 0.293 W/kg



**#39\_LTE Band 13\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23230;Ant 0**

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

Medium: HSL\_750\_210711 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 42.819$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36) @ 782 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2021/4/9
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.296 W/kg

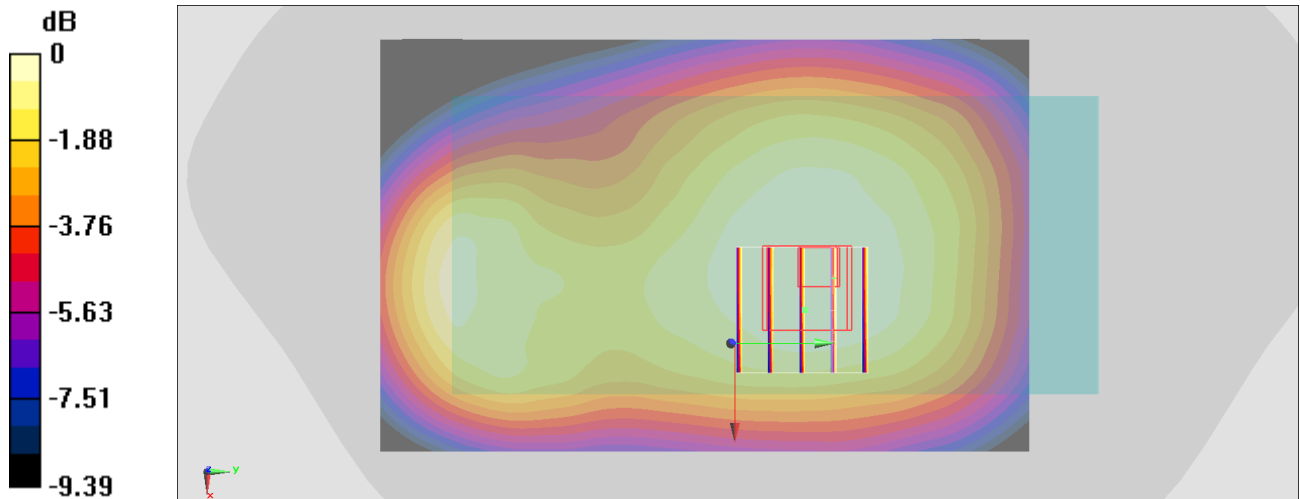
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.01 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.335 W/kg

**SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.292 W/kg = -5.35 dBW/kg

**#40\_LTE Band 14\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23330;Ant 0**

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_210712 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 42.441$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36) @ 793 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2021/4/9
- Phantom: SAM\_Left; Type: QD 000 P40 CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.273 W/kg

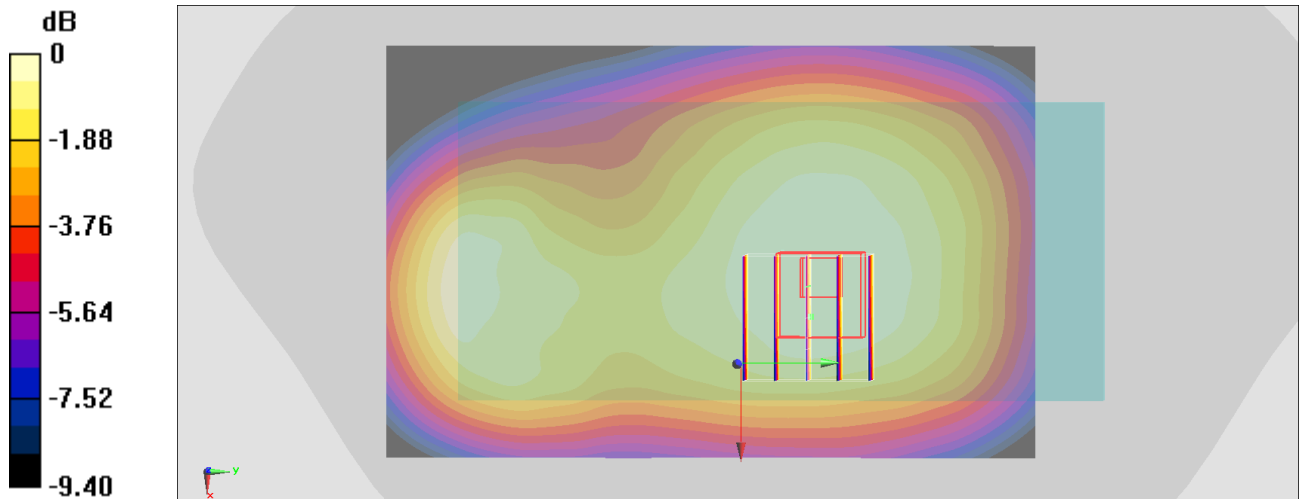
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.28 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.65 dBW/kg