

**#01\_GSM850\_GPRS (4 Tx slots)\_Right Cheek\_Ch189;Ant 1**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_190625 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 42.66$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 836.4 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.938 W/kg

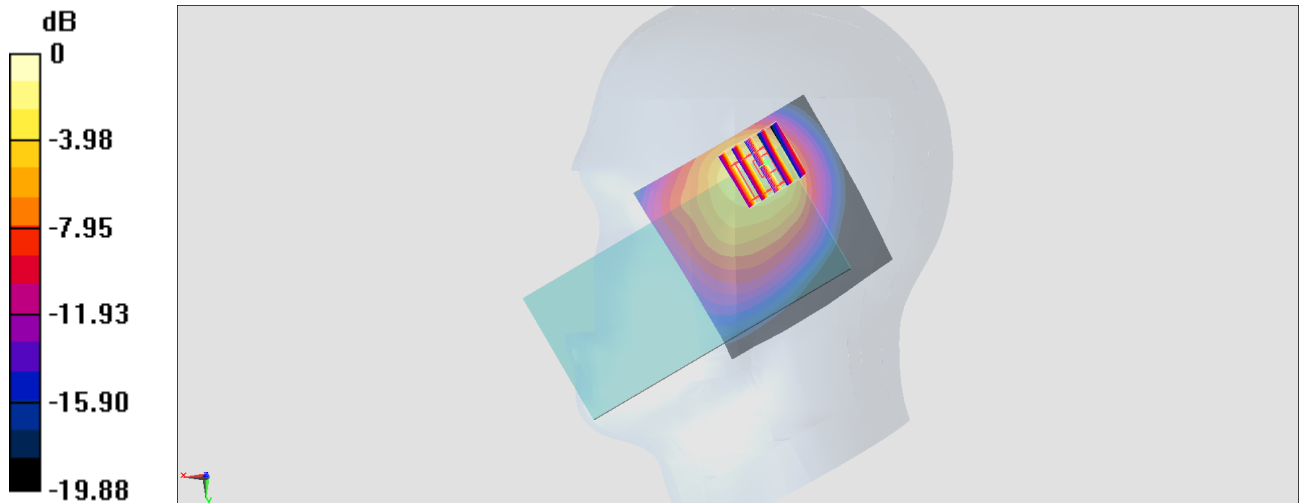
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.92 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.401 W/kg**

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

**#02\_GSM1900\_GPRS (4 Tx slot)\_Right Cheek\_Ch810;Ant 1**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_190622 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.433$  S/m;  $\epsilon_r = 39.112$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14) @ 1909.8 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

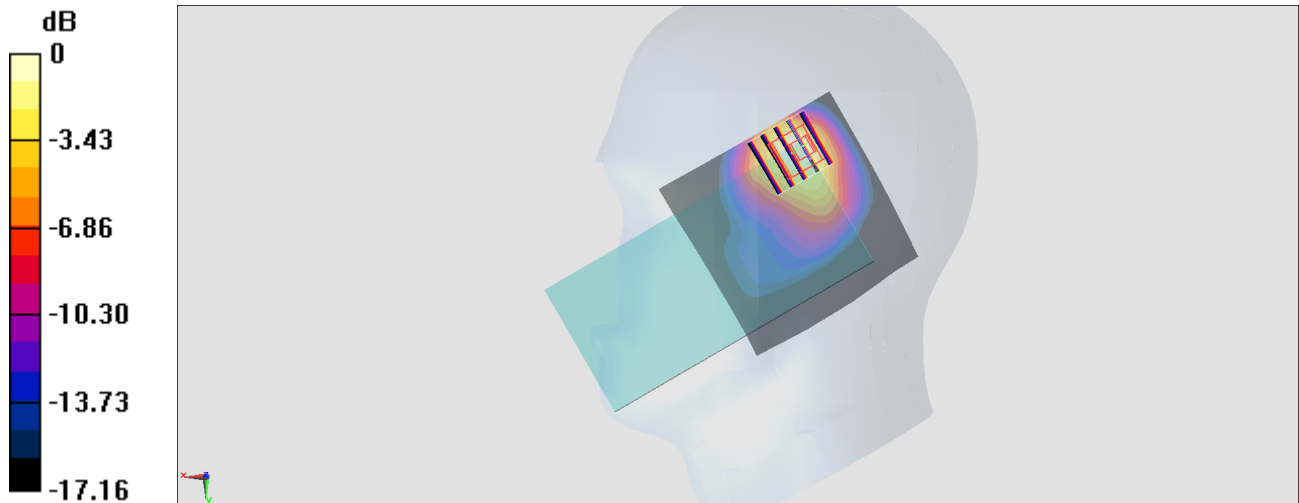
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.79 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.358 W/kg**

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



0 dB = 0.948 W/kg = -0.23 dBW/kg

**#03\_WCDMA II\_RMC 12.2Kbps\_Right Cheek\_Ch9400;Ant 1**

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

Medium: HSL\_1900\_190621 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 39.624$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14) @ 1880 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

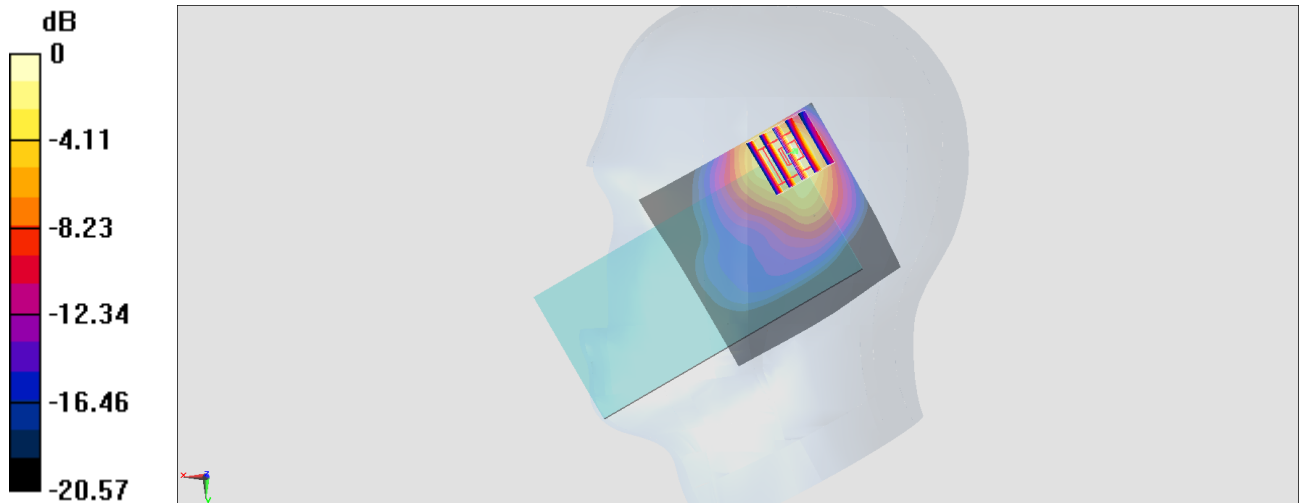
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.46 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.442 W/kg**

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

**#04\_WCDMA IV\_RMC 12.2Kbps\_Right Cheek\_Ch1413;Ant 1**

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

Medium: HSL\_1750\_190621 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.348$  S/m;  $\epsilon_r = 40.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.34, 5.34, 5.34) @ 1732.6 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

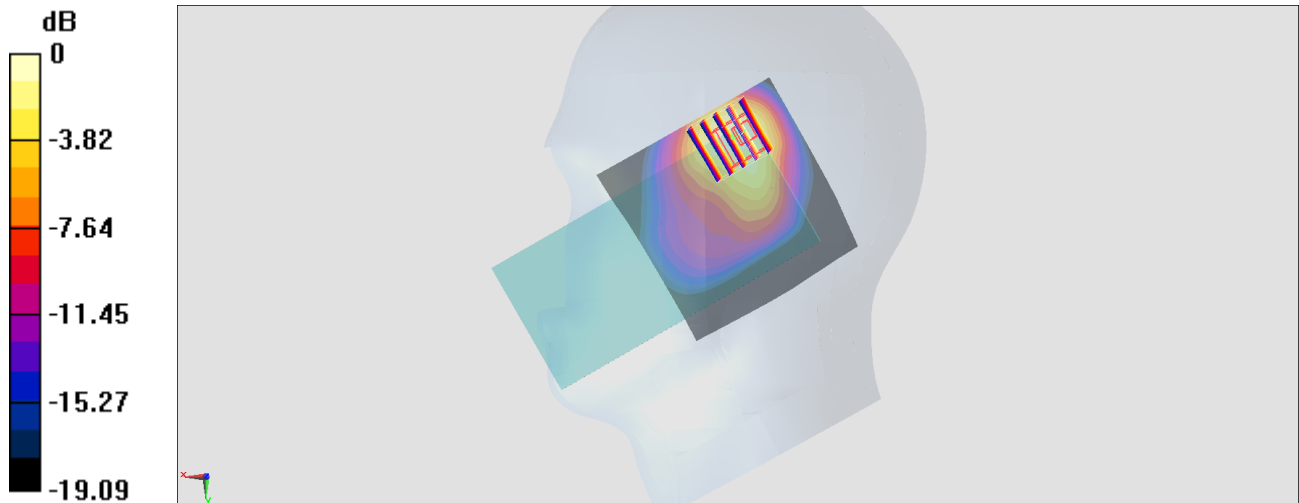
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.25 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.434 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

**#05\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_Ch4182;Ant 1**

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

Medium: HSL\_850\_190625 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 42.66$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 836.4 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

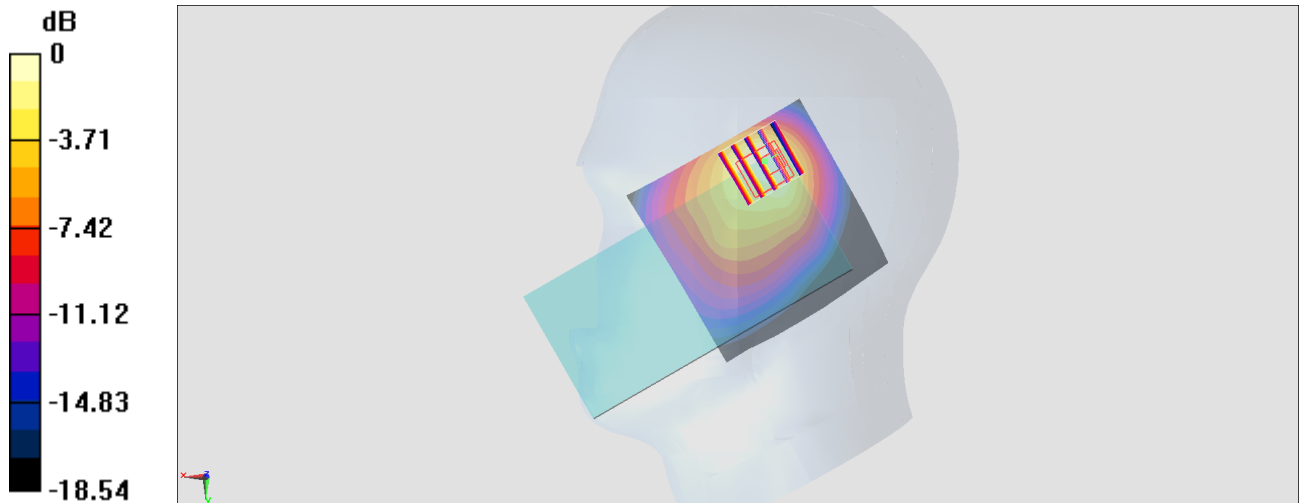
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.76 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.427 W/kg**

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



0 dB = 1.03 W/kg = 0.13 dBW/kg

**#06\_LTE Band 4\_20M\_QPSK\_1\_0\_Left Cheek\_Ch20175;Ant 0C**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_190624 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.355$  S/m;  $\epsilon_r = 41.841$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.34, 5.34, 5.34) @ 1732.5 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

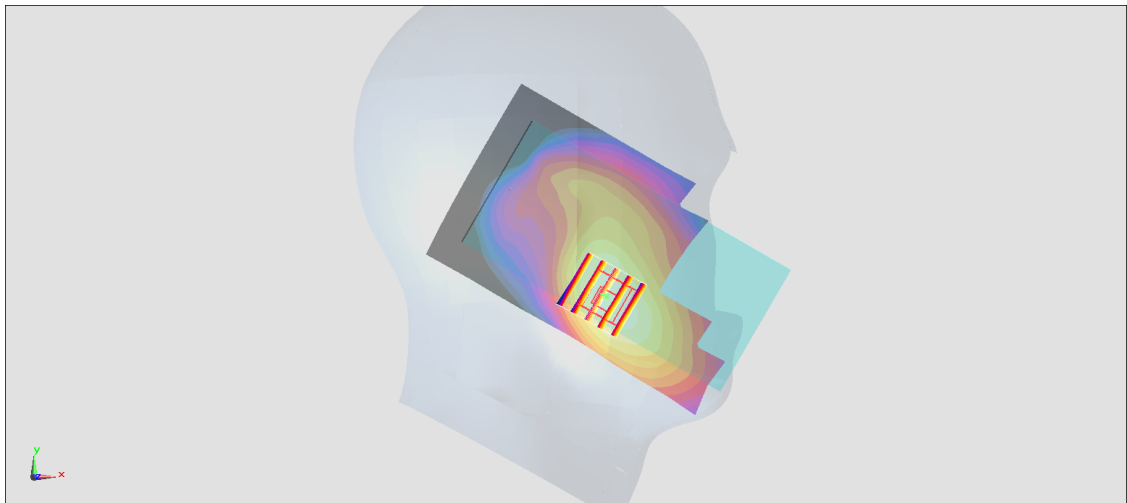
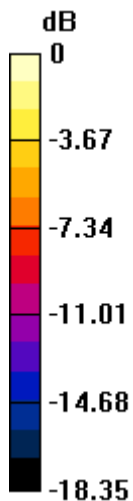
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.66 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.450 W/kg



0 dB = 0.450 W/kg = -3.47 dBW/kg

## #07\_LTE Band 7\_20M\_QPSK\_1\_99\_Right Tilted\_Ch21350;Ant 1

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

Medium: HSL\_2600\_190616 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.93$  S/m;  $\epsilon_r = 38.225$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.14, 7.14, 7.14) @ 2560 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (81x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.80 W/kg

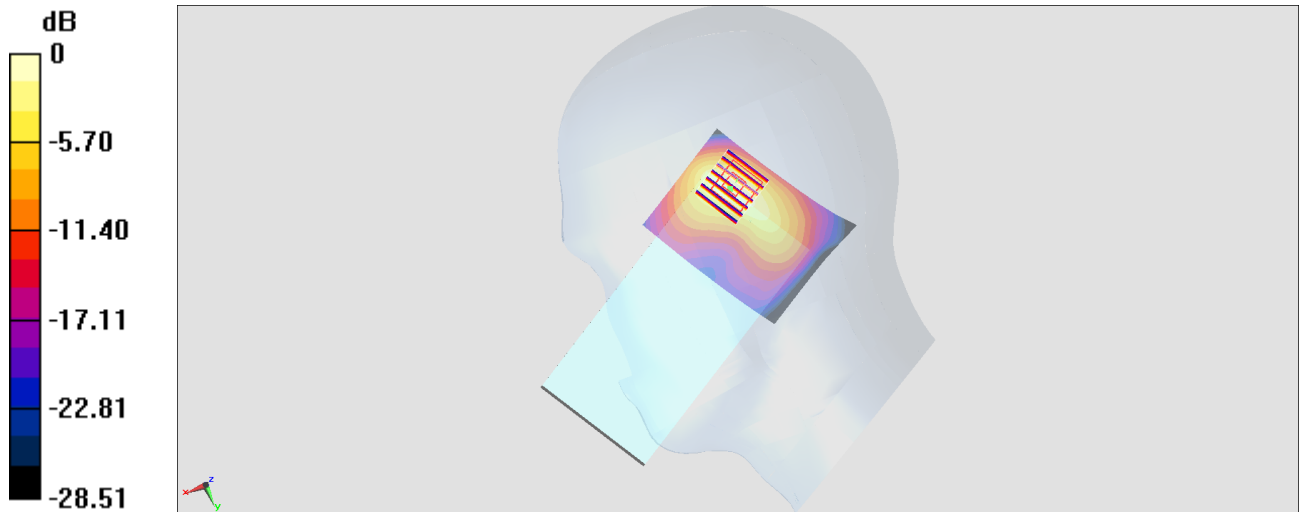
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.46 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.58 W/kg

**SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.460 W/kg**

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

**#08\_LTE Band 12\_10M\_QPSK\_1\_0\_Right Cheek\_Ch23095;Ant 1**

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

Medium: HSL\_750\_190626 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 41.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.68, 6.68, 6.68) @ 707.5 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

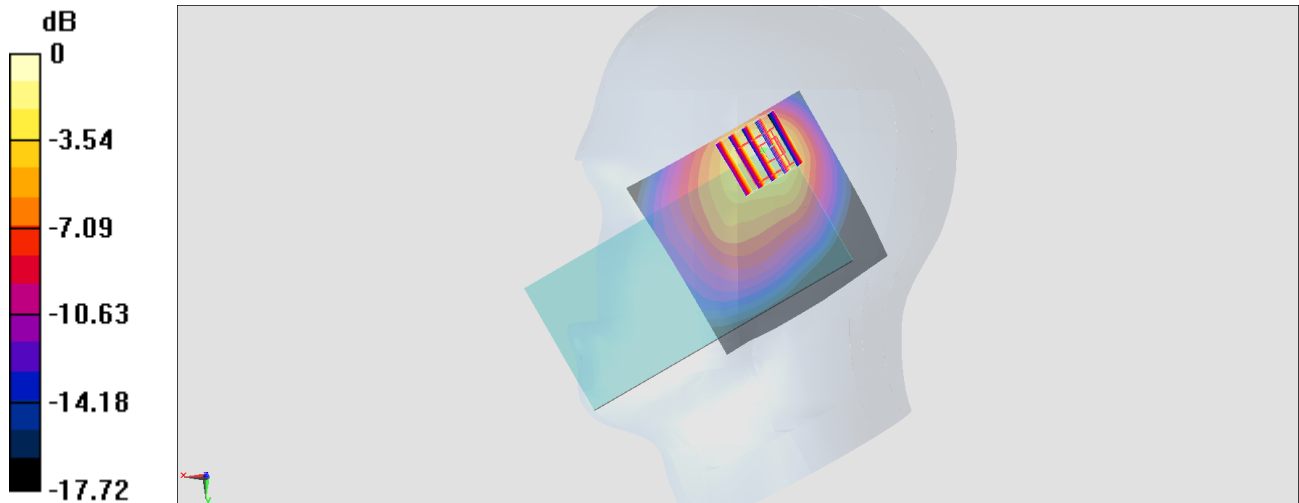
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.20 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.454 W/kg**

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



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



**#09\_LTE Band 13\_10M\_QPSK\_1\_0\_Right Cheek\_Ch23230;Ant 1**

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

Medium: HSL\_750\_190626 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 40.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.68, 6.68, 6.68) @ 782 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

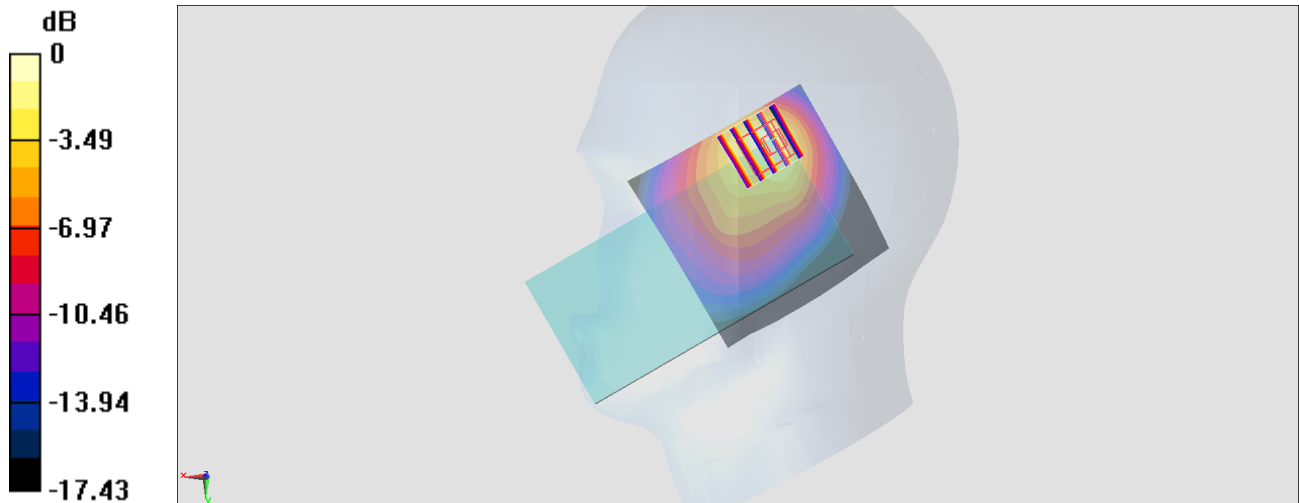
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.78 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.43 W/kg

**SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.467 W/kg**

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



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

**#10\_LTE Band 25\_20M\_QPSK\_1\_0\_Right Cheek\_Ch26590;Ant 1**

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

Medium: HSL\_1900\_190622 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.428$  S/m;  $\epsilon_r = 39.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14) @ 1905 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.970 W/kg

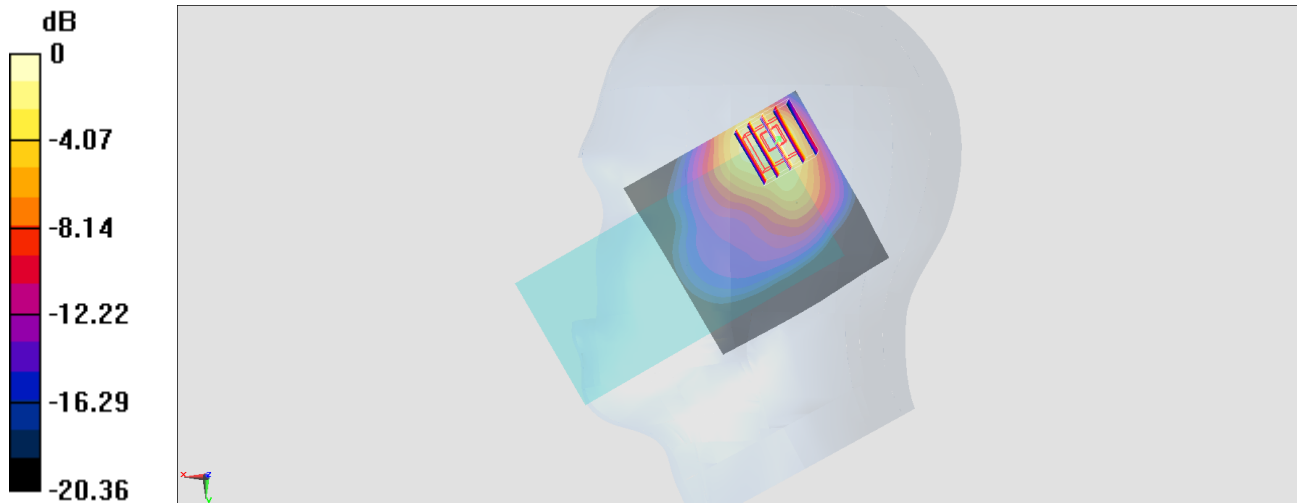
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.74 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.431 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

**#11\_LTE Band 26\_15M\_QPSK\_1\_0\_Right Cheek\_Ch26865;Ant 1**

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

Medium: HSL\_850\_190625 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 42.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 831.5 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

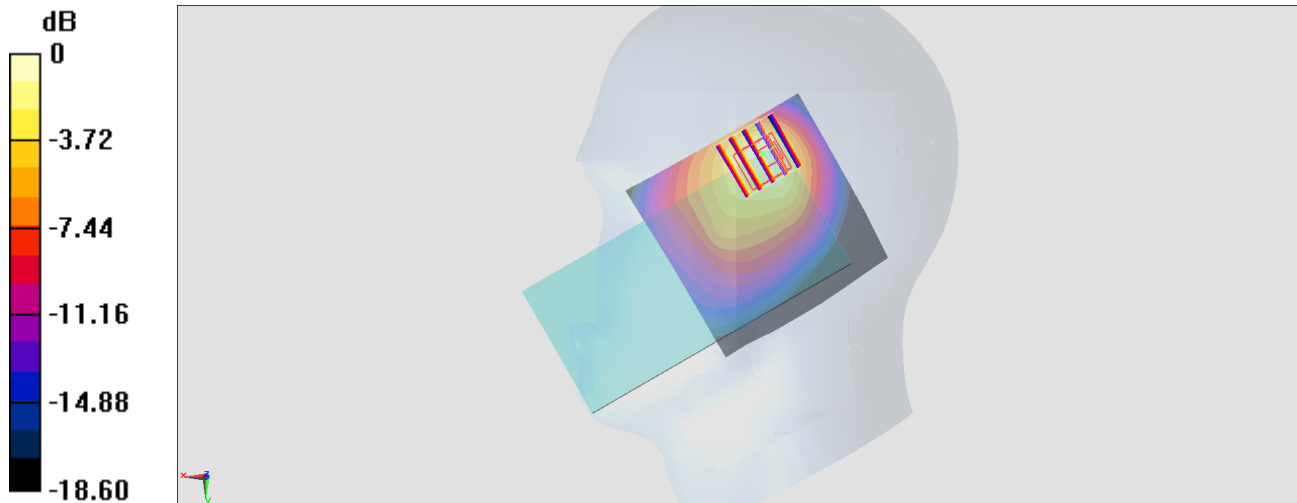
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.31 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.426 W/kg**

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



0 dB = 1.05 W/kg = 0.21 dBW/kg

**#12\_LTE Band 66\_20M\_QPSK\_1\_0\_Right Cheek\_Ch132072;Ant 1**

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

Medium: HSL\_1750\_190622 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.325$  S/m;  $\epsilon_r = 39.437$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.34, 5.34, 5.34) @ 1720 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

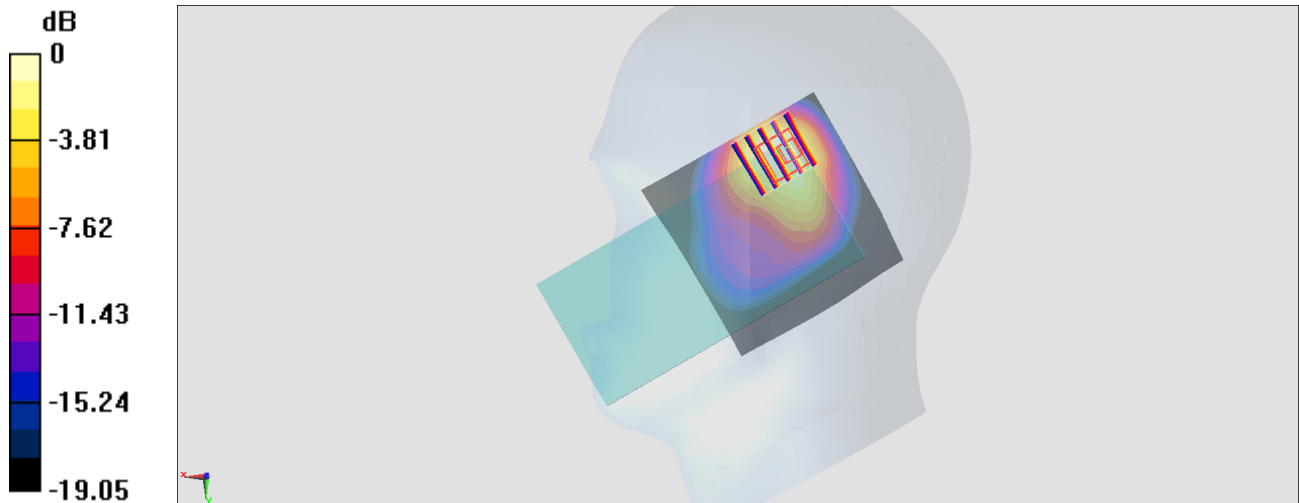
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.12 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.414 W/kg**

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



0 dB = 1.03 W/kg = 0.13 dBW/kg

**#13\_LTE Band 71\_20M\_QPSK\_1\_0\_Right Cheek\_Ch133297;Ant 1**

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

Medium: HSL\_750\_190627 Medium parameters used:  $f = 680.5$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 44.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3925; ConvF(10.39, 10.39, 10.39) @ 680.5 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 1.08 W/kg

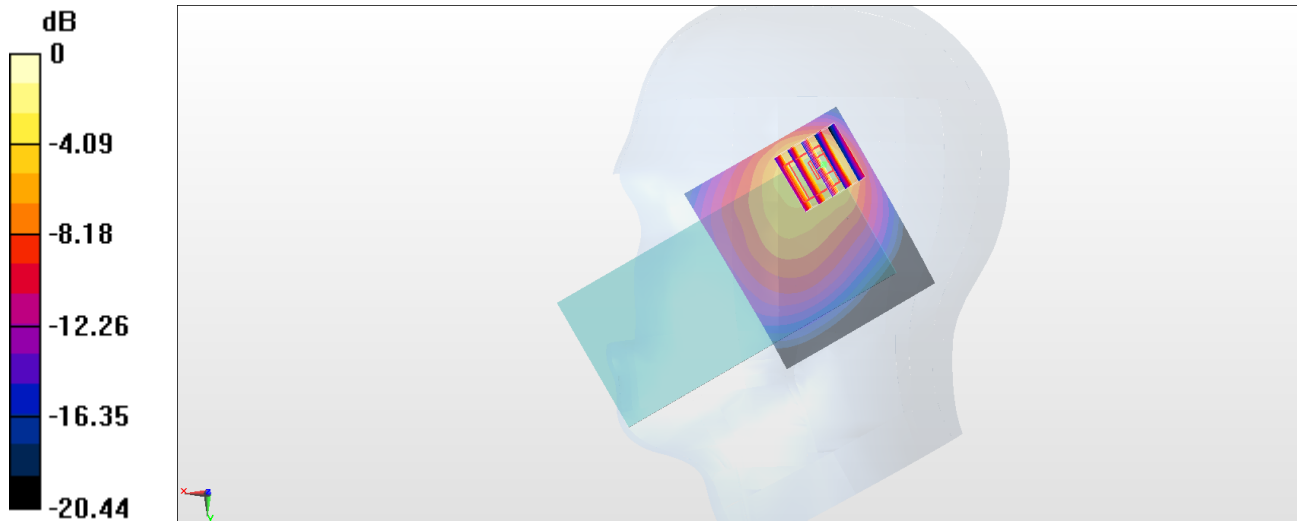
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.74 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.27 W/kg

**SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.393 W/kg**

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



0 dB = 1.70 W/kg = 2.30 dBW/kg

**#14\_LTE Band 41\_20M\_QPSK\_1\_0\_Right Tilted\_Ch39750;Ant 1**

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

Medium: HSL\_2600\_190617 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 1.847$  S/m;  $\epsilon_r = 38.498$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.14, 7.14, 7.14) @ 2506 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (81x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.55 W/kg

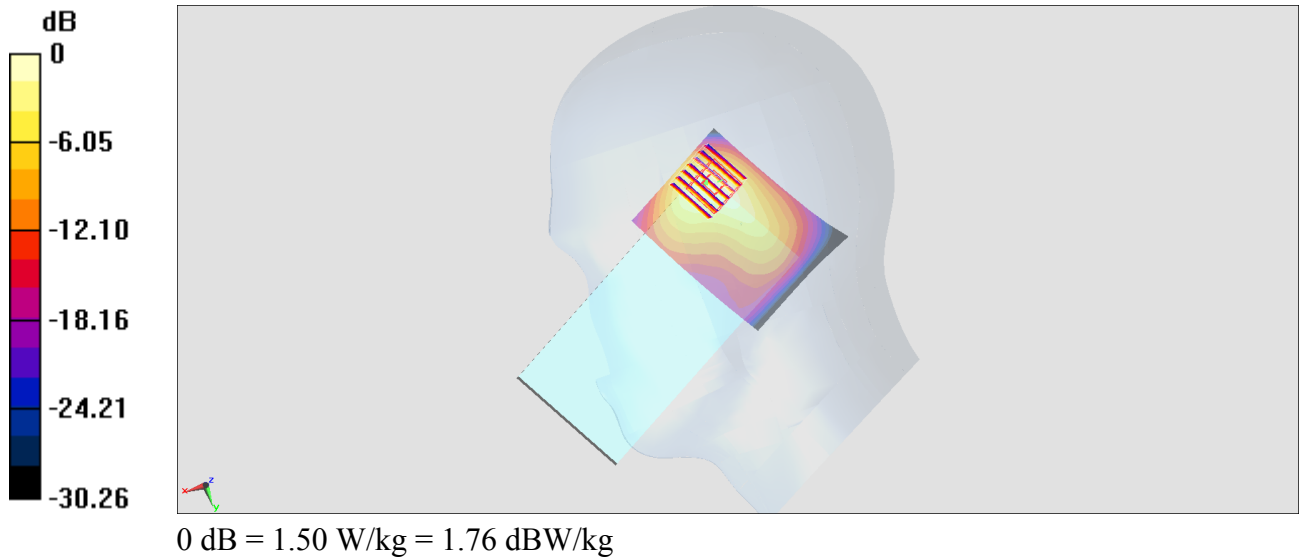
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.27 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.384 W/kg**

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



### #15\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch6;Ant 2+4

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.007  
Medium: HSL\_2450\_190615 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.784$  S/m;  $\epsilon_r = 40.938$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

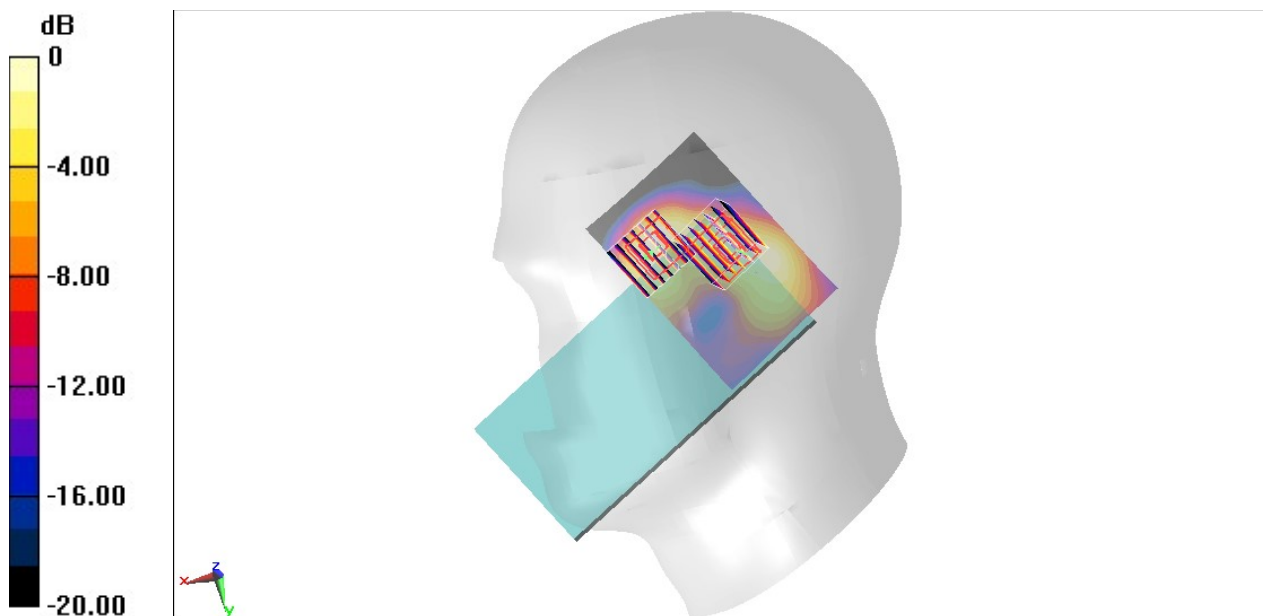
#### DASY5 Configuration

- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2437 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.802 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 16.73 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.292 W/kg  
**SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.218 W/kg**  
Maximum value of SAR (measured) = 1.023 W/kg

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 16.73 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.891 W/kg  
**SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.206 W/kg**  
Maximum value of SAR (measured) = 0.715 W/kg



0 dB = 0.715 W/kg = -1.46 dBW/kg

**#16\_WLAN5GHz\_802.11n-HT40 MCS0\_Right Cheek\_Ch54;Ant 4+5**

Communication System: 802.11n ; Frequency: 5270 MHz;Duty Cycle: 1:1.048

Medium: HSL\_5G\_190617 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.566$  S/m;  $\epsilon_r = 36.962$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931;ConvF(5.12, 5.12, 5.12) @ 5270 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

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

Reference Value = 7.022 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.115 W/kg**

Maximum value of SAR (measured) = 0.95 W/kg

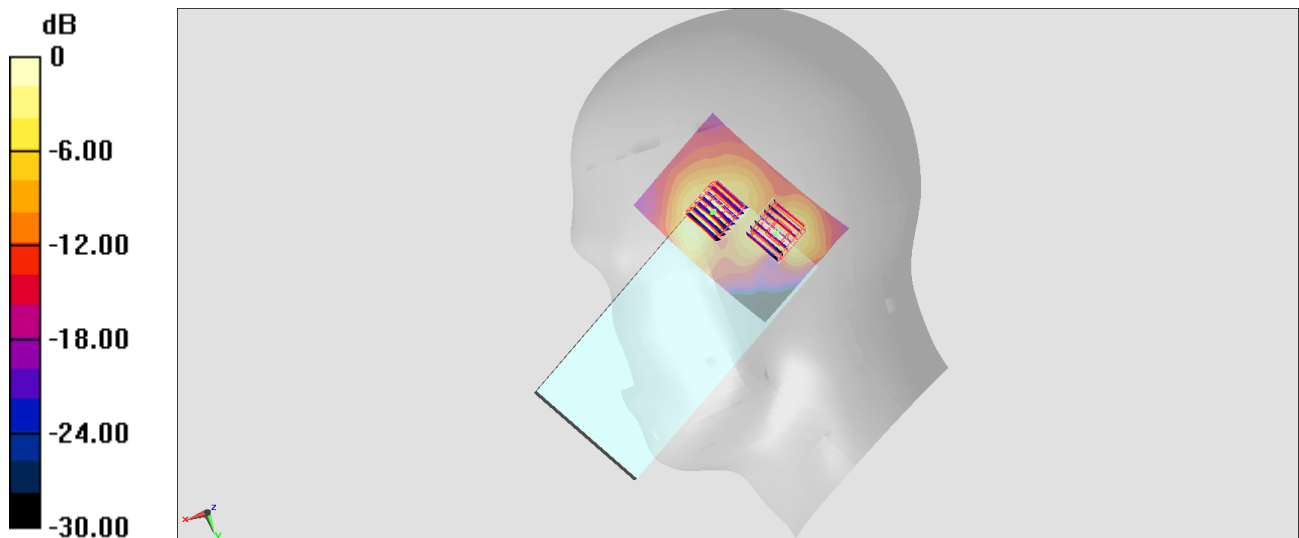
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.022 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.77 W/kg



0 dB = 0.77 W/kg = -1.14 dBW/kg



**#17\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch138;Ant 4+5**

Communication System: 802.11ac ; Frequency: 5690 MHz;Duty Cycle: 1:1.082

Medium: HSL\_5G\_190617 Medium parameters used :  $f = 5690$  MHz;  $\sigma = 4.996$  S/m;  $\epsilon_r = 36.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931;ConvF(4.72, 4.72, 4.72) @ 5690 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 10.52 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.06 W/kg

**SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.123 W/kg**

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

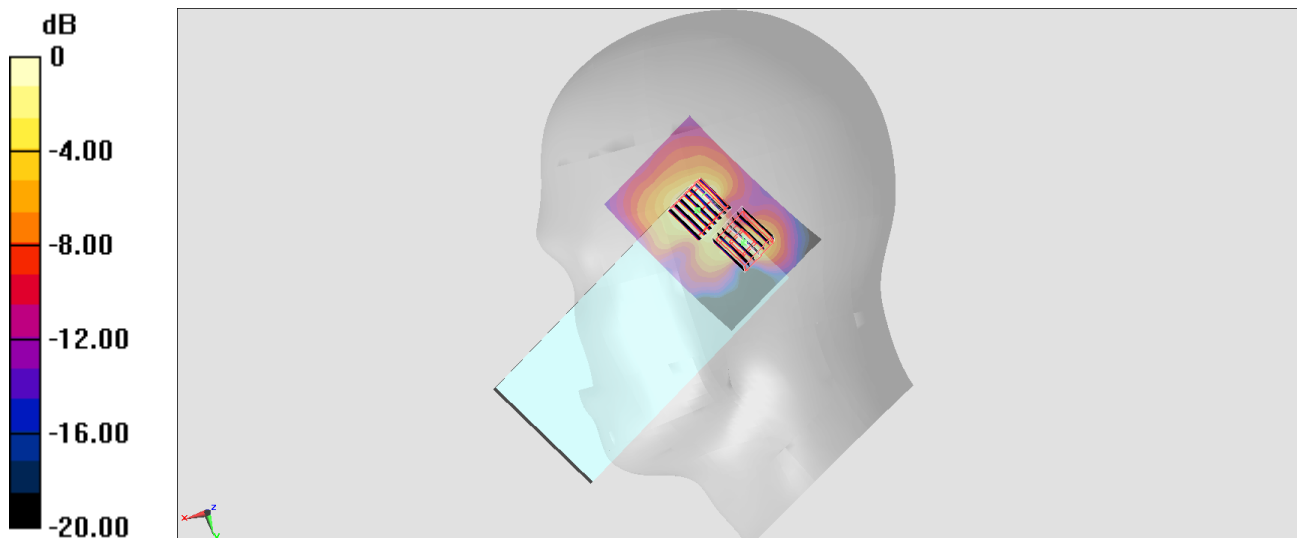
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.52 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.11 W/kg

**SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.090 W/kg**

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



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

**#18\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch155;Ant 4+5**

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.082

Medium: HSL\_5G\_190617 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.087$  S/m;  $\epsilon_r = 36.286$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931;ConvF(4.72, 4.72, 4.72) @ 5775 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 8.970 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.953 W/kg

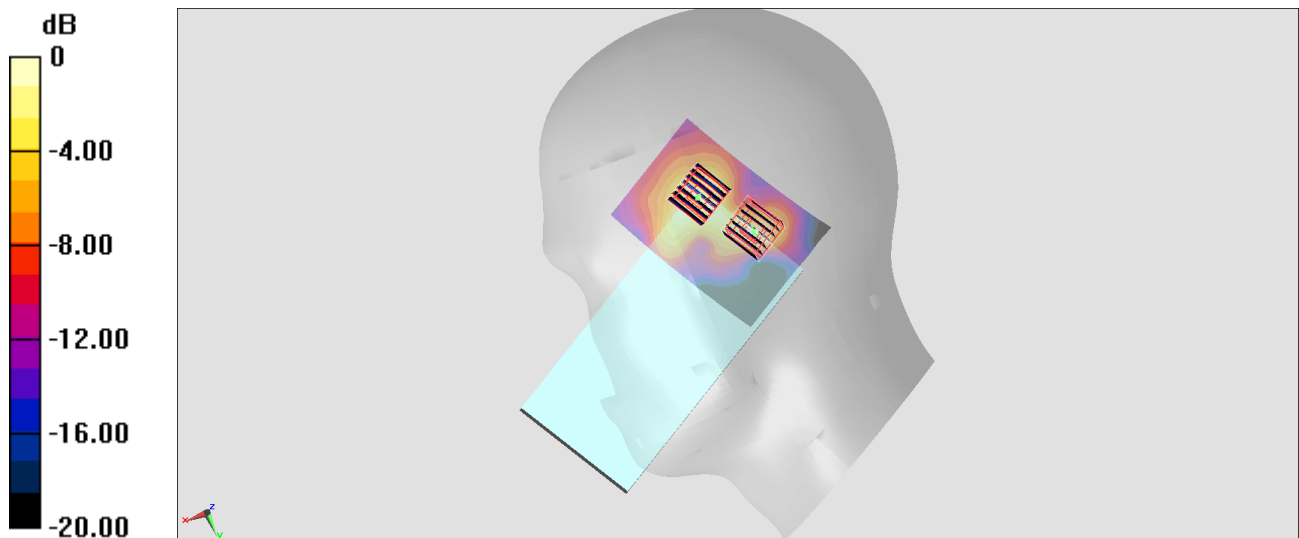
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.970 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942 W/kg = -0.26 dBW/kg

### #19\_Bluetooth\_1Mbps\_Right Cheek\_Ch39

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.297  
Medium: HSL\_2450\_190615 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.789$  S/m;  $\epsilon_r = 40.928$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2441 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (81x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0951 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.865 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 0.111 W/kg  
**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.019 W/kg**  
Maximum value of SAR (measured) = 0.0898 W/kg

