



REPORT No.: SZ20060377S01

## Annex D Plots of Maximum SAR Test Results

**GSM850\_GPRS(3 TX slots)\_Right Cheek\_Ch189**

Communication System: UID 0, GSM850(class 11) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_835 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch189/Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.308 W/kg

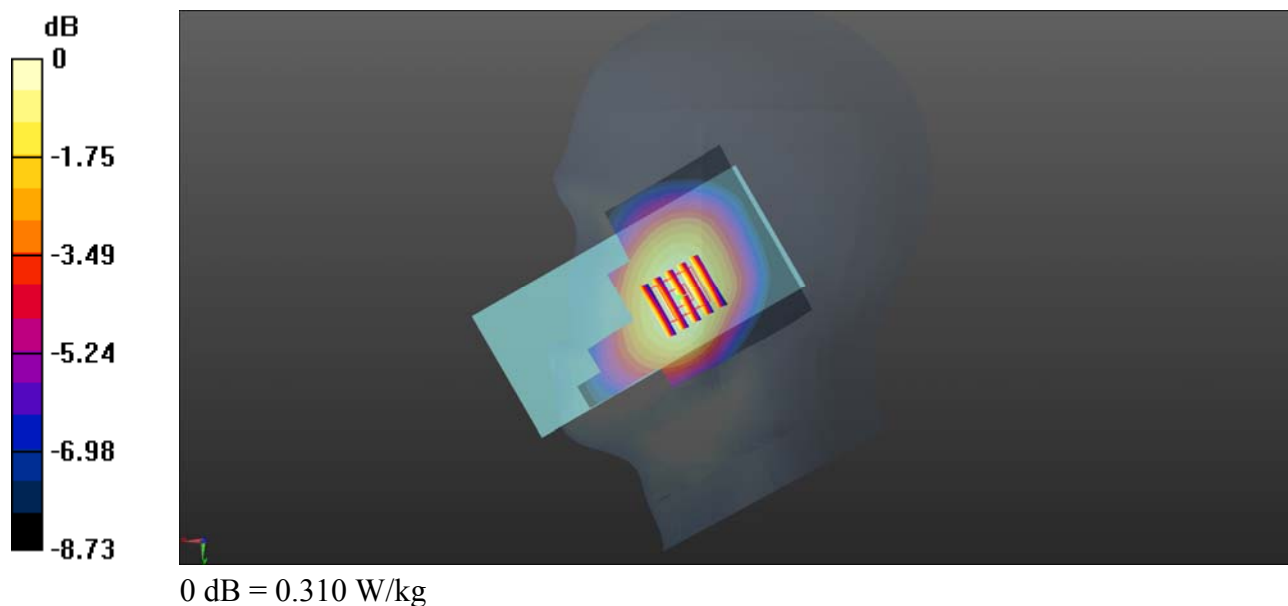
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.912 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.361 W/kg

**SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.292 W/kg**

Maximum value of SAR (measured) = 0.310 W/kg



**GSM1900\_GPRS(2 TX slots)\_Left Cheek\_Ch810**

Communication System: UID 0, PCS1900(Class 10) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.343$  S/m;  $\epsilon_r = 41.267$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.120 W/kg

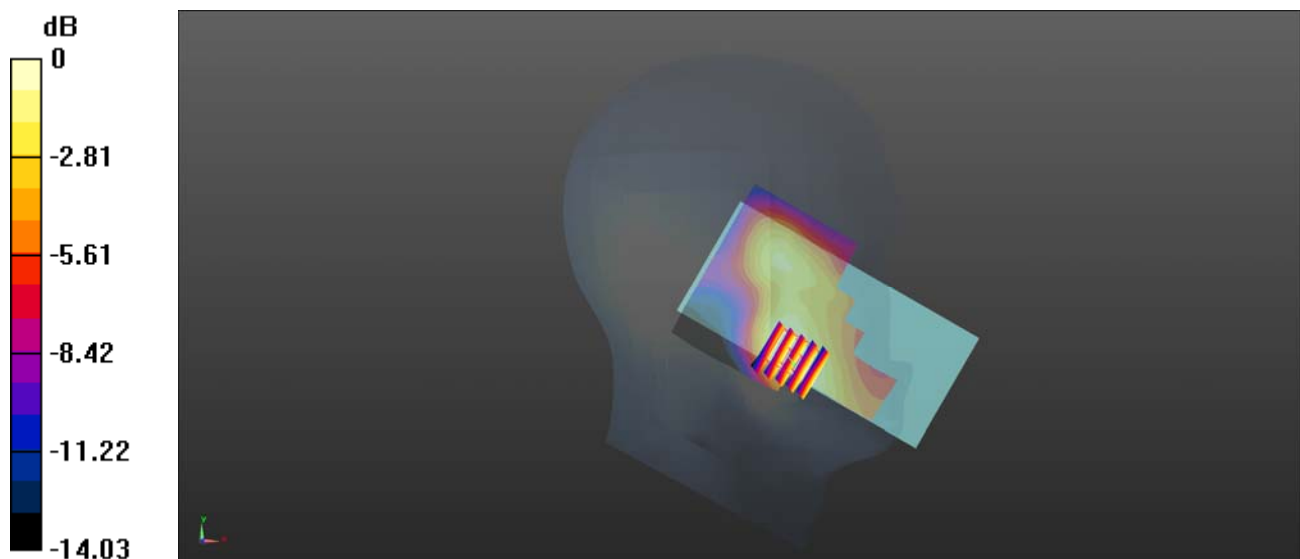
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.536 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg

**LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch20525**

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_835 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20525/Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.160 W/kg

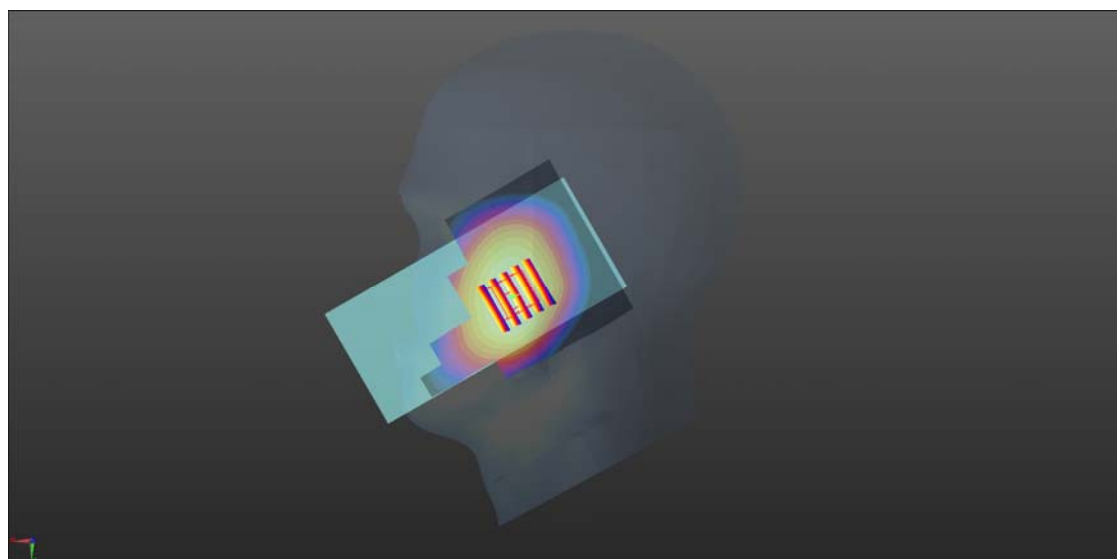
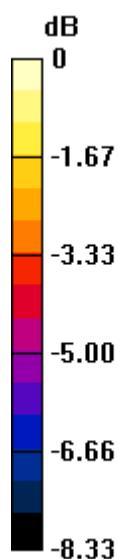
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.129 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.185 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.185 W/kg**

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg

**LTE Band 38\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch38000**

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.047$  S/m;  $\epsilon_r = 38.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38000/Area Scan (91x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0299 W/kg

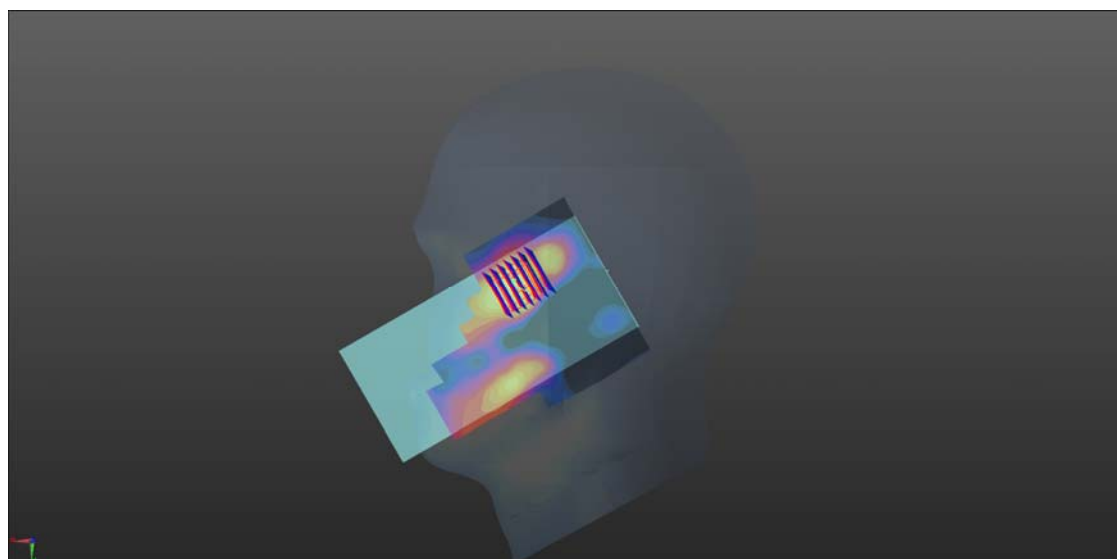
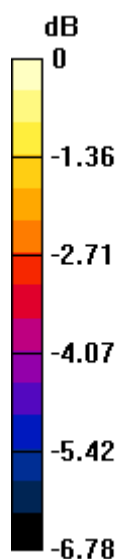
**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.9370 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0600 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0293 W/kg



0 dB = 0.0293 W/kg

**LTE Band 40A\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch38750**

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.698$  S/m;  $\epsilon_r = 38.758$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38750/Area Scan (91x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0718 W/kg

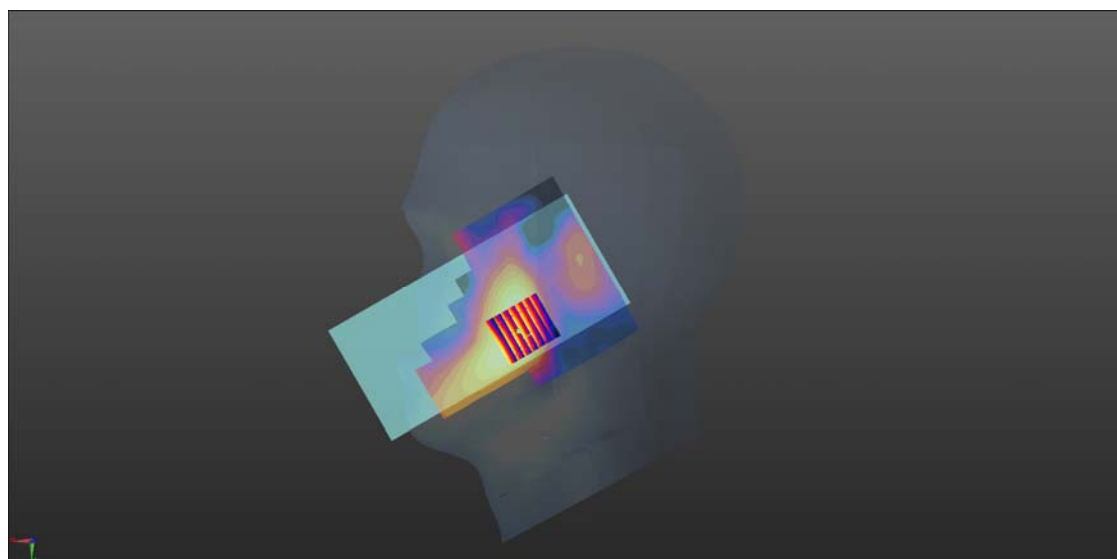
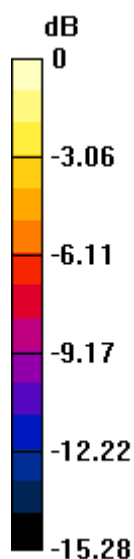
**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.587 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.038 W/kg**

Maximum value of SAR (measured) = 0.0698 W/kg



0 dB = 0.0698 W/kg

**LTE Band 40B\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch39200**

Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2355$  MHz;  $\sigma = 1.722$  S/m;  $\epsilon_r = 38.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39200/Area Scan (91x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0460 W/kg

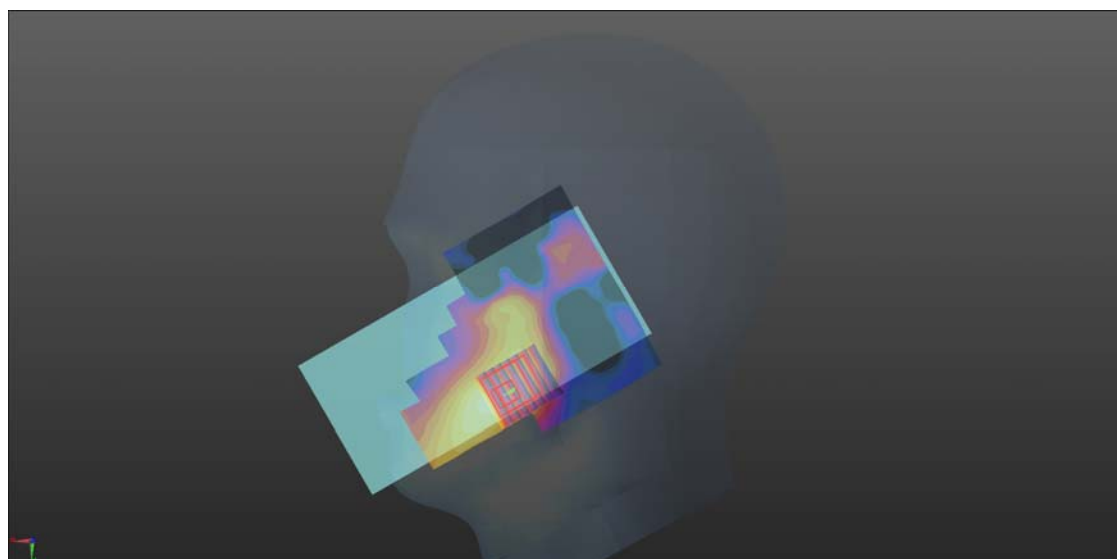
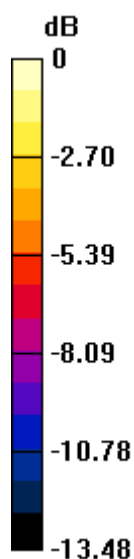
**Ch39200/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.137 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0730 W/kg

**SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0453 W/kg



0 dB = 0.0453 W/kg

**LTE Band 41\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch40400**

Communication System: UID 0, LTE (0); Frequency: 2571 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2571$  MHz;  $\sigma = 2.019$  S/m;  $\epsilon_r = 38.145$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40400/Area Scan (91x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0292 W/kg

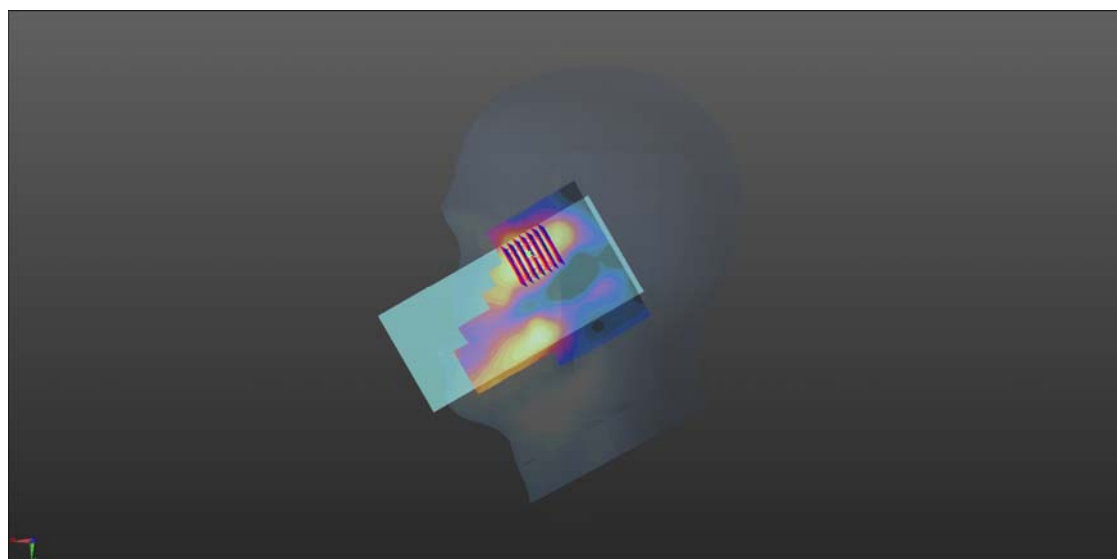
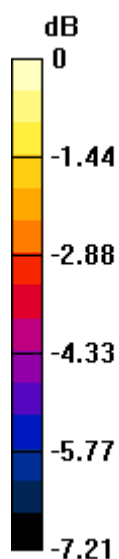
**Ch40400/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.245 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0570 W/kg

**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0290 W/kg



0 dB = 0.0290 W/kg

**WLAN 2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch13**

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2472$  MHz;  $\sigma = 1.904$  S/m;  $\epsilon_r = 38.455$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch13/Area Scan (91x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

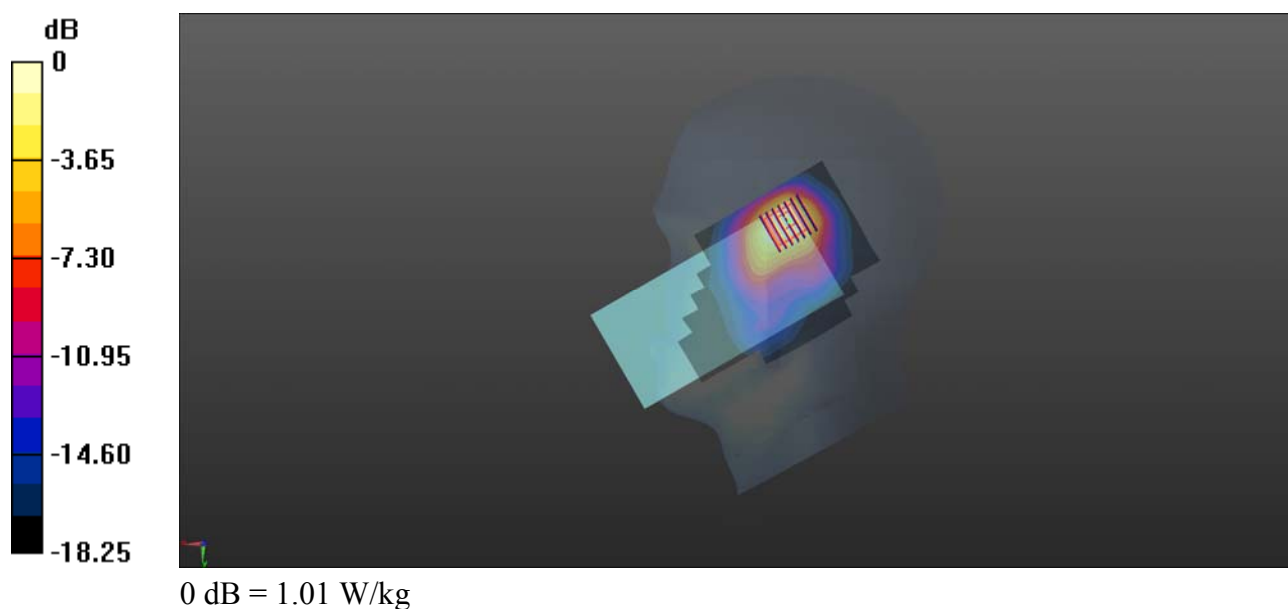
**Ch13/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.345 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.481 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



**GSM850\_GPRS(3 TX slots)\_Back Side\_10mm\_Ch189**

Communication System: UID 0, GSM850(class 11) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_835 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch189/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

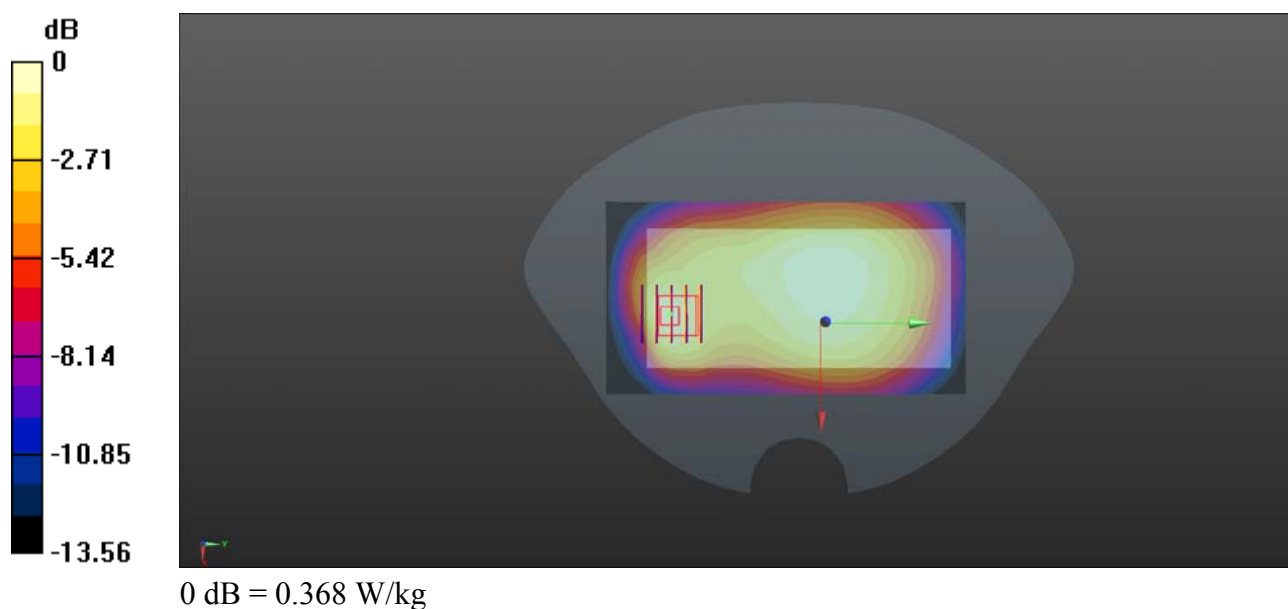
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.90 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.315 W/kg**

Maximum value of SAR (measured) = 0.368 W/kg



**GSM1900\_GPRS(2 TX slots)\_Back Side\_10mm\_Ch810**

Communication System: UID 0, PCS1900(Class 10) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: HSL\_1900 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.343$  S/m;  $\epsilon_r = 41.267$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.81 W/kg

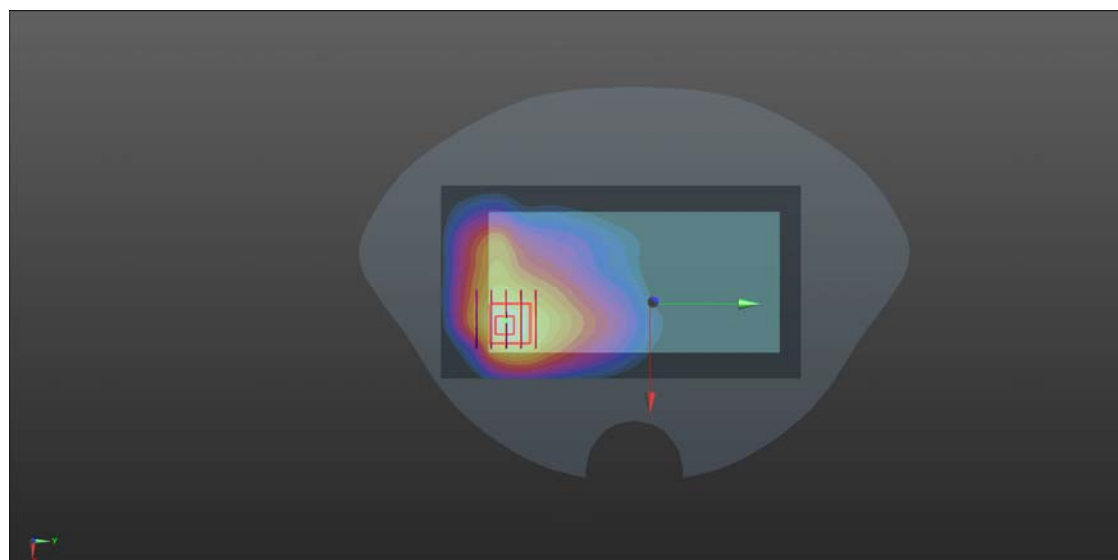
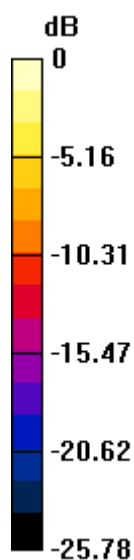
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.126 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 8.11 W/kg

**SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.361 W/kg**

Maximum value of SAR (measured) = 0.81 W/kg



0 dB = 0.81 W/kg

**LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch20525**

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_835 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20525/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

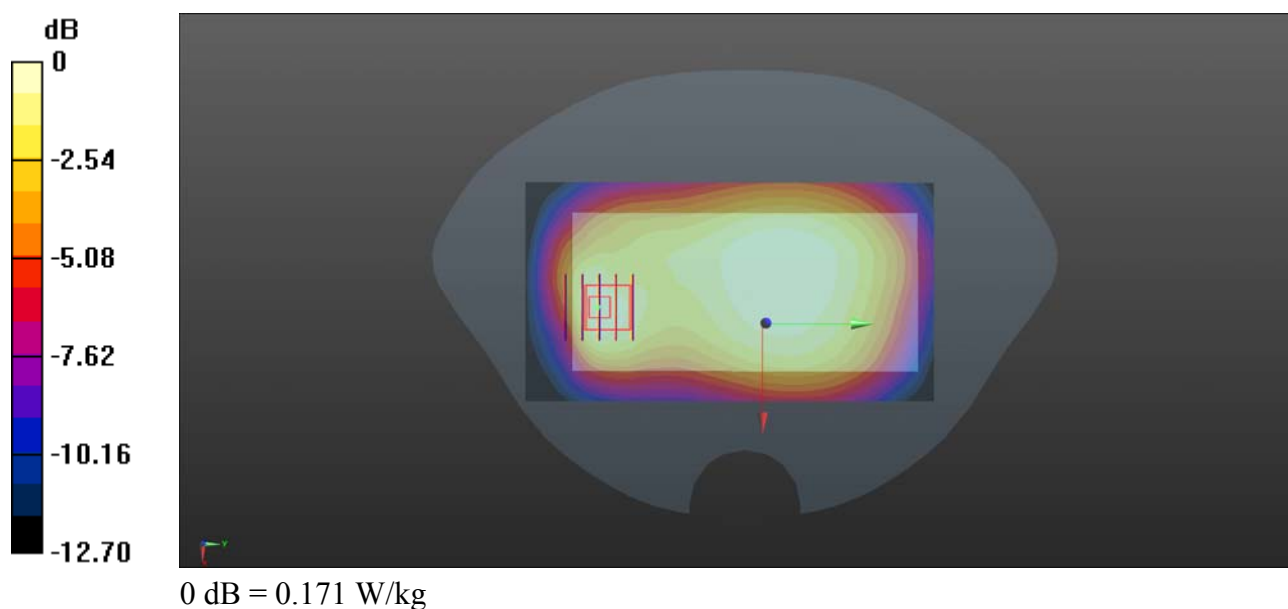
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.87 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 0.171 W/kg



**LTE Band 38\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch38000**

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.047$  S/m;  $\epsilon_r = 38.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38000/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.341 W/kg

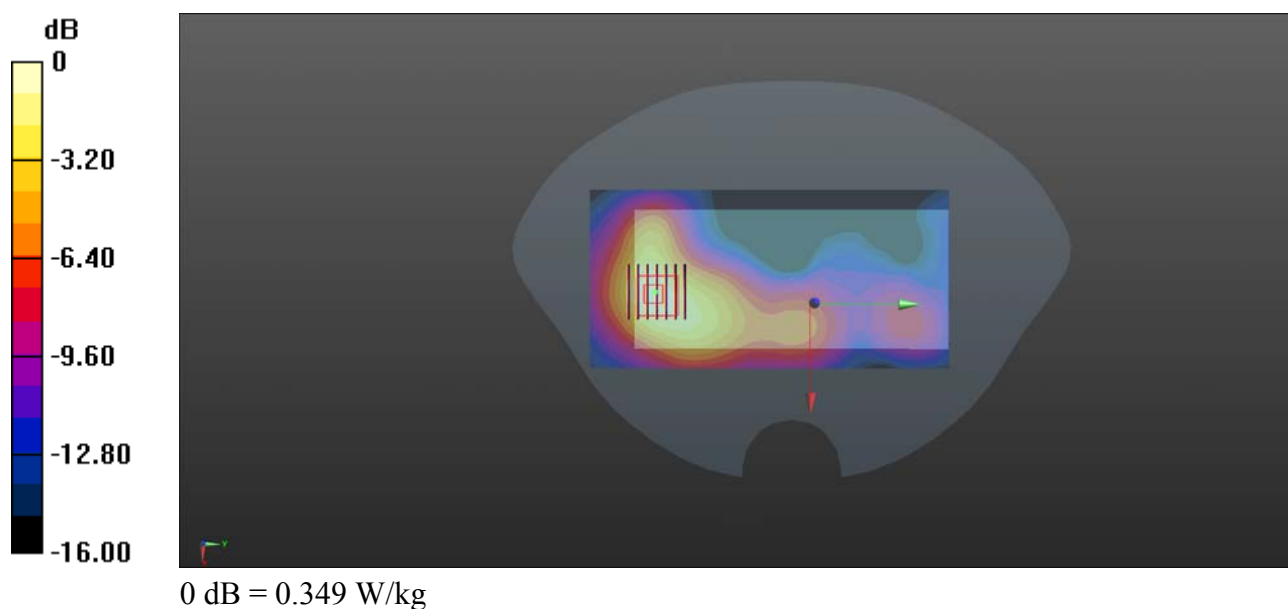
**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.439 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.657 W/kg

**SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.145 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



**LTE Band 40A\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch38750**

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.698$  S/m;  $\epsilon_r = 38.758$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38750/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.415 W/kg

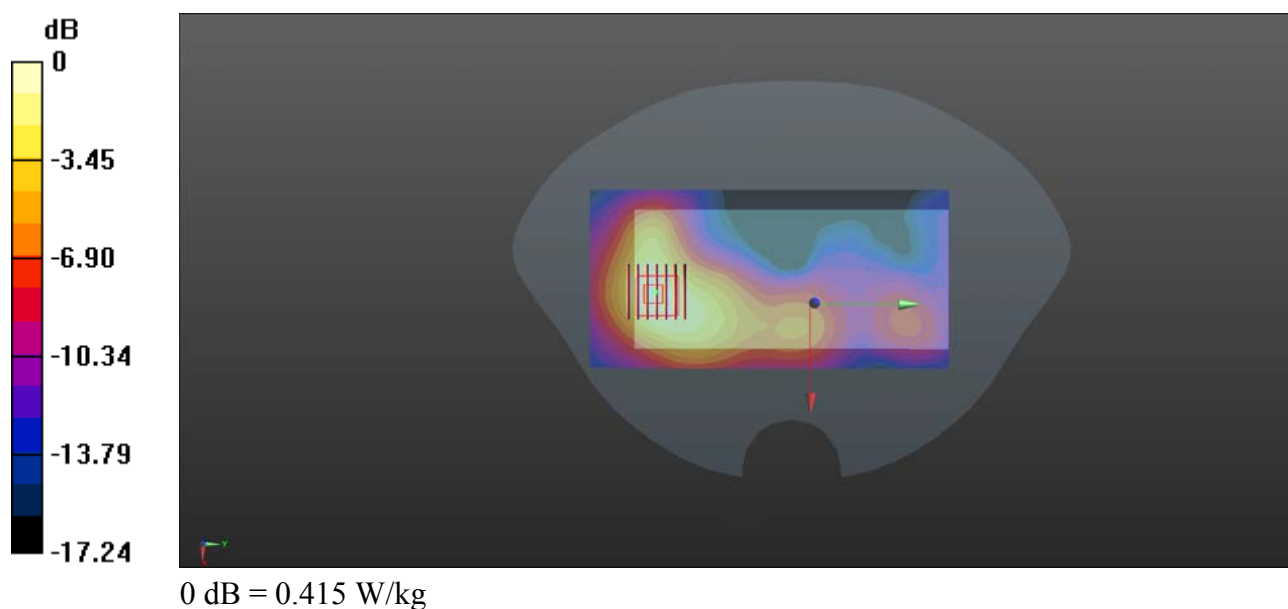
**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.673 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.714 W/kg

**SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.146 W/kg**

Maximum value of SAR (measured) = 0.377 W/kg



**LTE Band 40B\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch39200**

Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2355$  MHz;  $\sigma = 1.722$  S/m;  $\epsilon_r = 38.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39200/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.471 W/kg

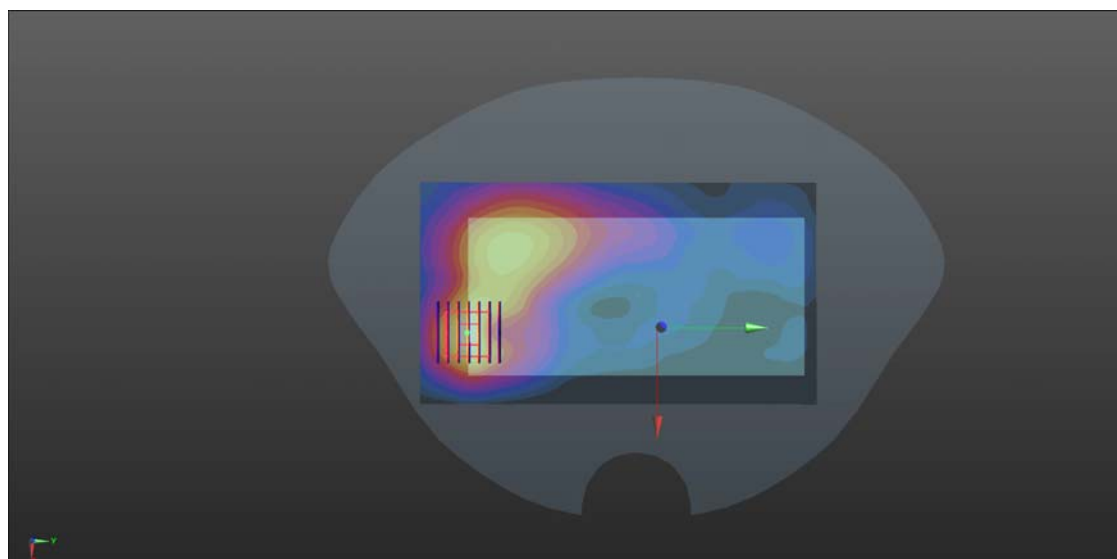
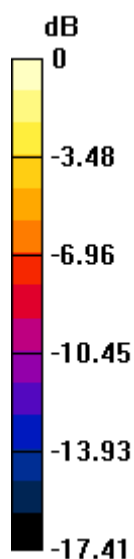
**Ch39200/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.542 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.858 W/kg

**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 0.464 W/kg



0 dB = 0.464 W/kg

**LTE Band 41\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch40400**

Communication System: UID 0, LTE (0); Frequency: 2571 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2571$  MHz;  $\sigma = 2.019$  S/m;  $\epsilon_r = 38.145$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40400/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.331 W/kg

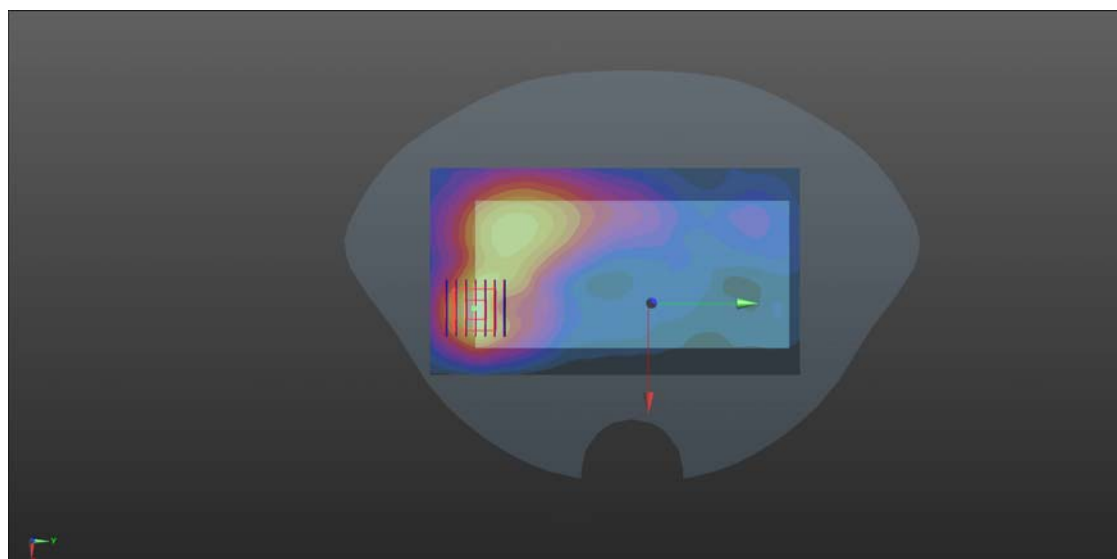
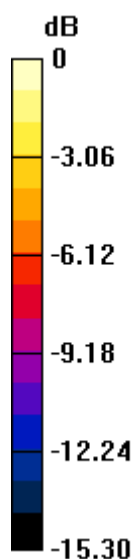
**Ch40400/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.916 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.612 W/kg

**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.143 W/kg**

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



0 dB = 0.333 W/kg

**WLAN 2.4GHz\_802.11b 1Mbps\_Back Side\_10mm\_Ch7**

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2442 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used :  $f = 2442$  MHz;  $\sigma = 1.869$  S/m;  $\epsilon_r = 38.546$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch7/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

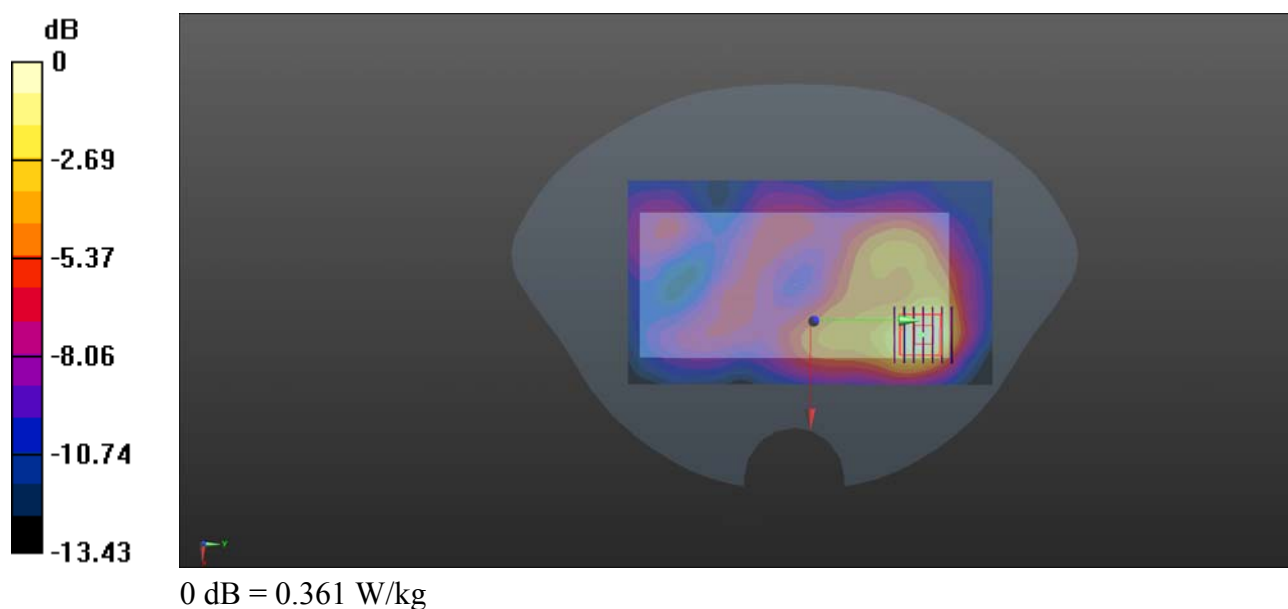
**Ch7/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.752 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.634 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.361 W/kg



**GSM850\_GPRS(3 TX slots)\_Back Side\_10mm\_Ch189**

Communication System: UID 0, GSM850(class 11) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_835 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch189/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

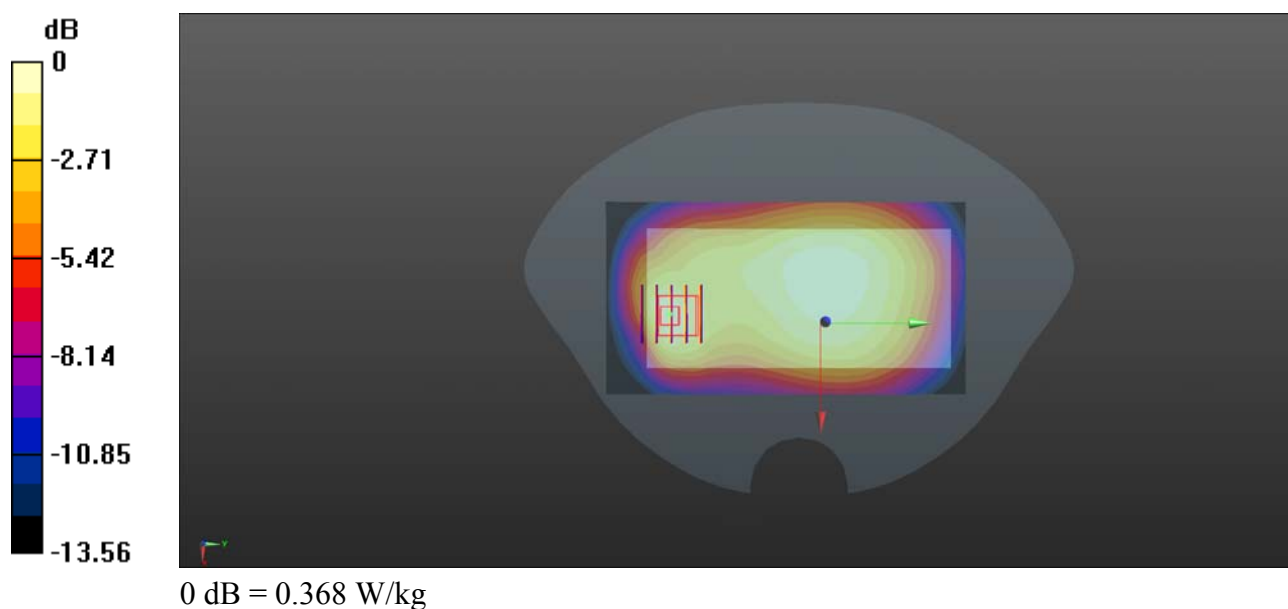
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.90 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.315 W/kg**

Maximum value of SAR (measured) = 0.368 W/kg



**GSM1900\_GPRS(2 TX slots)\_Bottom Side\_10mm\_Ch512**

Communication System: UID 0, PCS1900(class 10) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.282$  S/m;  $\epsilon_r = 41.338$ ;  $\rho =$

$1000 \text{ kg/m}^3$

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch512/Area Scan (41x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) =  $1.18 \text{ W/kg}$

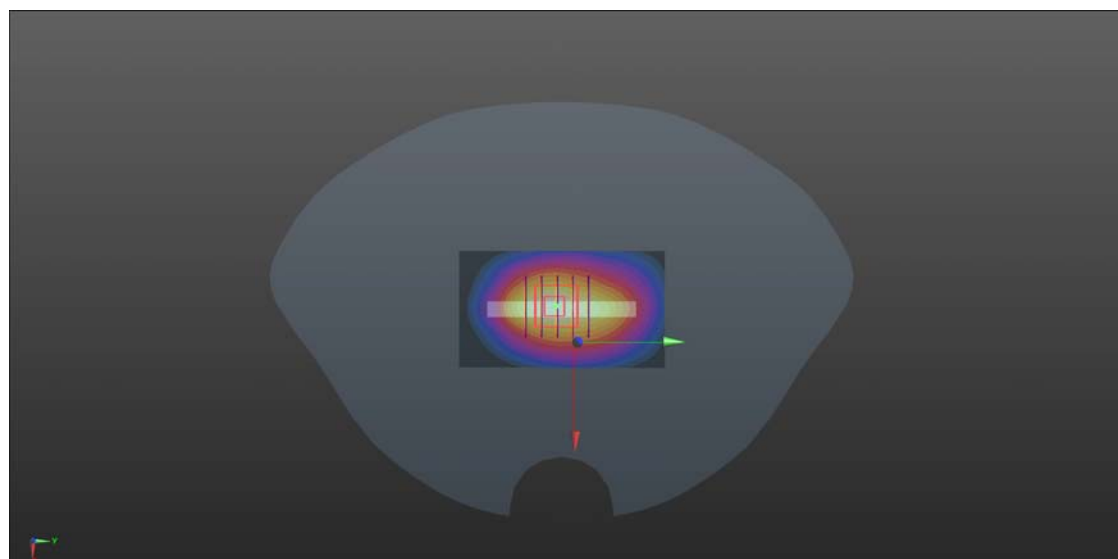
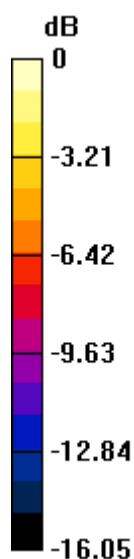
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.69 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $1.73 \text{ W/kg}$

**SAR(1 g) =  $1 \text{ W/kg}$ ; SAR(10 g) =  $0.540 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.12 \text{ W/kg}$



0 dB =  $1.12 \text{ W/kg}$

**LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch20525**

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_835 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20525/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

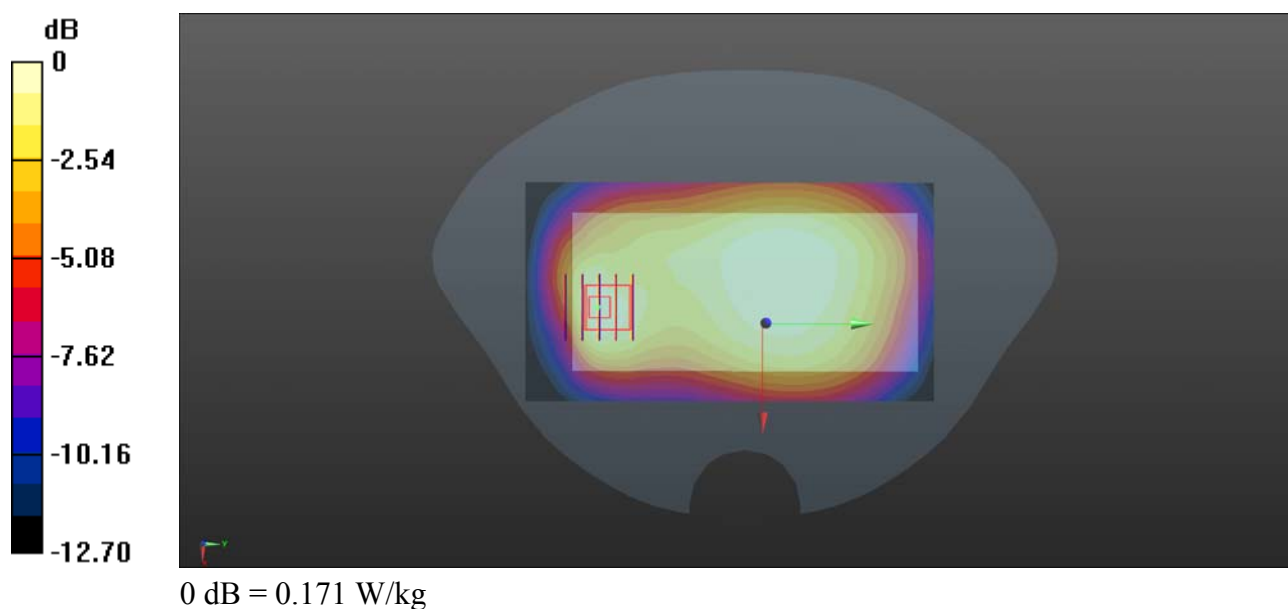
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.87 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 0.171 W/kg



**LTE Band 38\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch38000**

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.047$  S/m;  $\epsilon_r = 38.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38000/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.341 W/kg

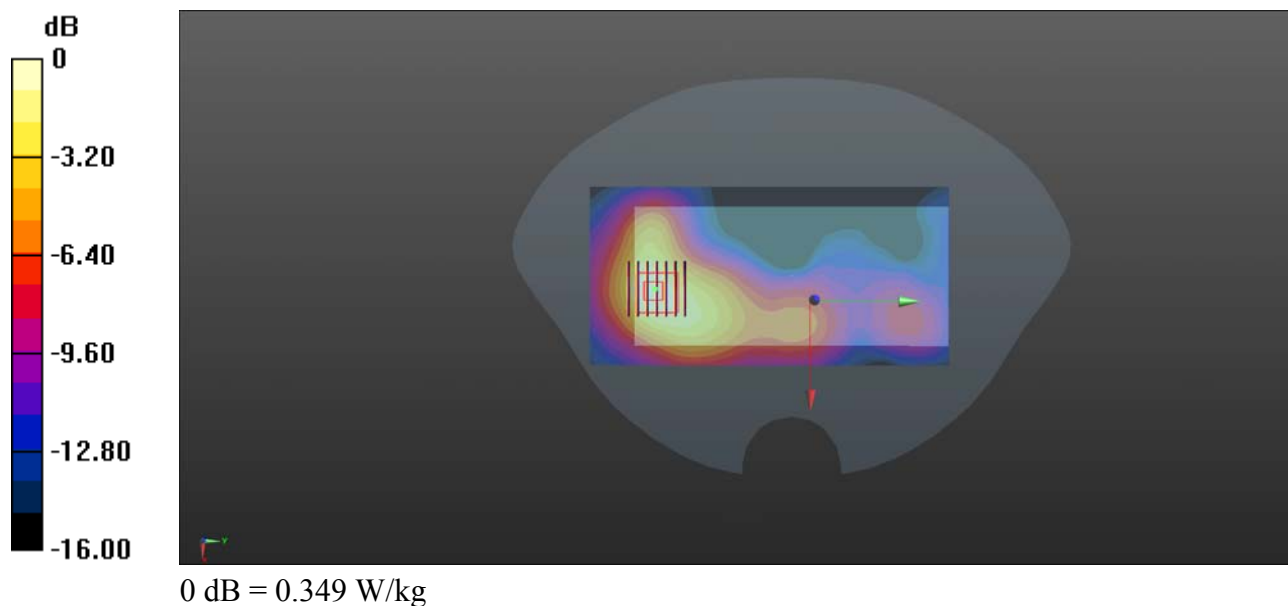
**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.439 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.657 W/kg

**SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.145 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



**LTE Band 40A\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch38750**

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.698$  S/m;  $\epsilon_r = 38.758$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38750/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.415 W/kg

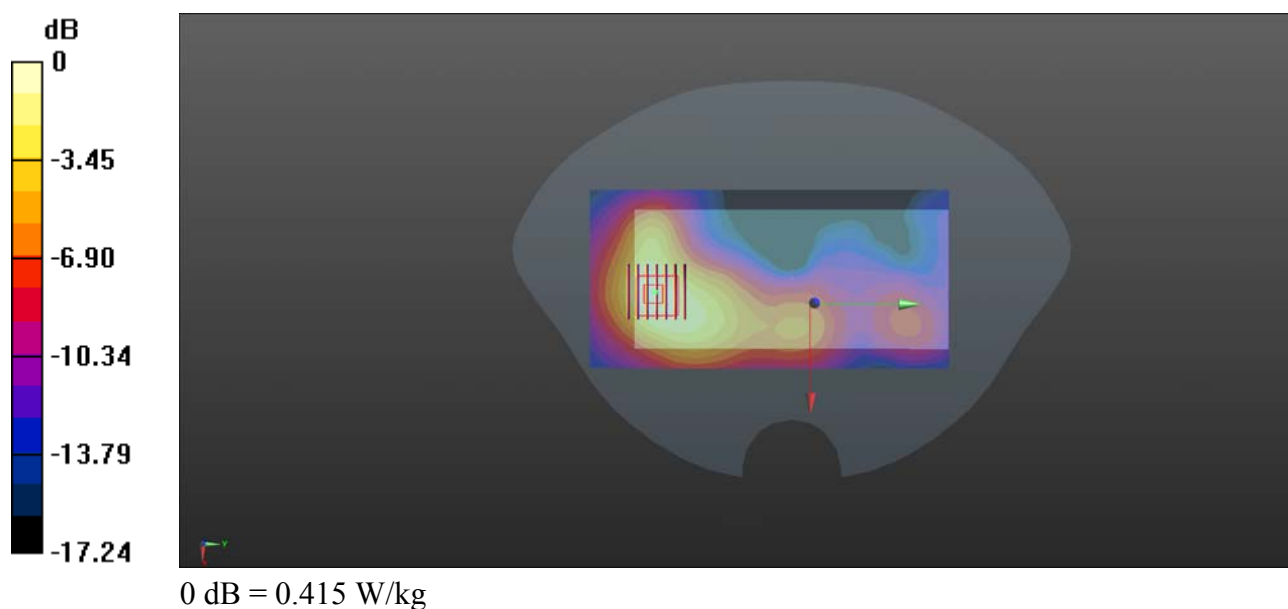
**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.673 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.714 W/kg

**SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.146 W/kg**

Maximum value of SAR (measured) = 0.377 W/kg



**LTE Band 40B\_10MHz\_QPSK\_1RB\_0Offset\_Bottom Side\_10mm\_Ch39200**

Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2355$  MHz;  $\sigma = 1.722$  S/m;  $\epsilon_r = 38.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39200/Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

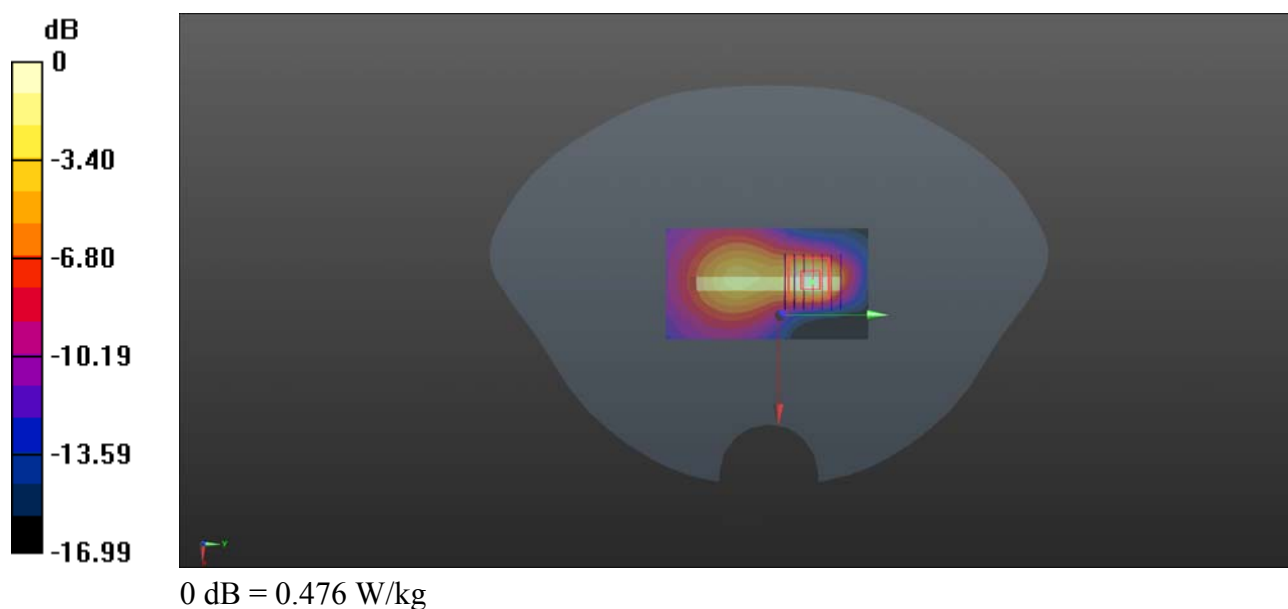
**Ch39200/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.41 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.874 W/kg

**SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.476 W/kg



**LTE Band 41\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch40400**

Communication System: UID 0, LTE (0); Frequency: 2571 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2571$  MHz;  $\sigma = 2.019$  S/m;  $\epsilon_r = 38.145$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40400/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.331 W/kg

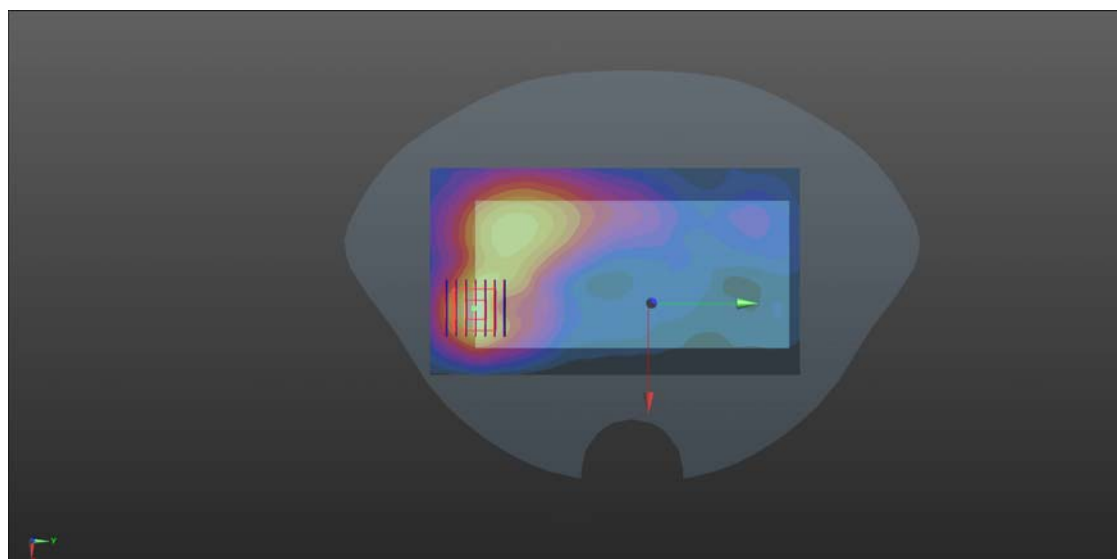
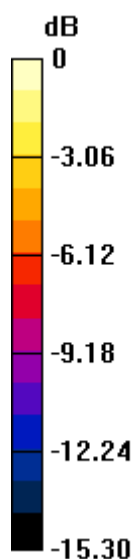
**Ch40400/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.916 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.612 W/kg

**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.143 W/kg**

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



0 dB = 0.333 W/kg

**WLAN 2.4GHz\_802.11b 1Mbps\_Back Side\_10mm\_Ch7**

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2442 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used :  $f = 2442$  MHz;  $\sigma = 1.869$  S/m;  $\epsilon_r = 38.546$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch7/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

**Ch7/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.752 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.634 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.361 W/kg

