

# Appendix B. MEASUREMENT SCANS

Date: 2019.07.01.

## 1.1.1 GSM850 Head Right Cheek Mid

### Medium: HSL850

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.4, 9.4, 9.4); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**GSM 850\_Right Cheek/Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 5.896 V/m; Power Drift = 0.15 dB

**Fast SAR: SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (interpolated) = 0.312 W/kg

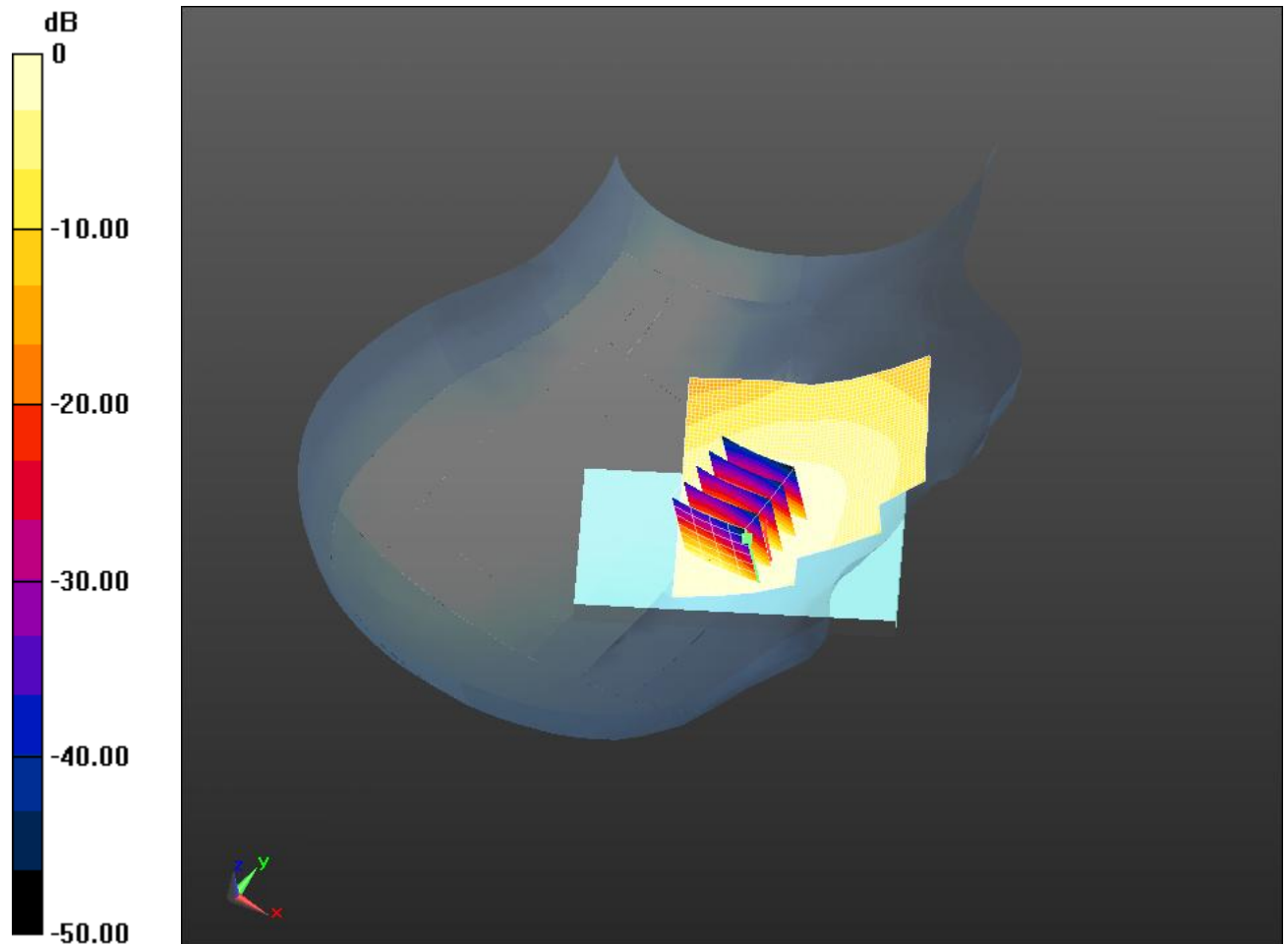
**GSM 850\_Right Cheek/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.896 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.351 mW/g

**SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.230 mW/g**

Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.312 W/kg = -10.12 dB W/kg

Date: 2019.07.01.

## 1.1.2 GSM850 Body Back Side High 10mm

### Medium: MSL850

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 1.019$  mho/m;  $\epsilon_r = 55.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.55, 9.55, 9.55); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**GSM 850\_Back/BackHigh -10mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 30.400 V/m; Power Drift = 0.00 dB

**Fast SAR: SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.731 mW/g**

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

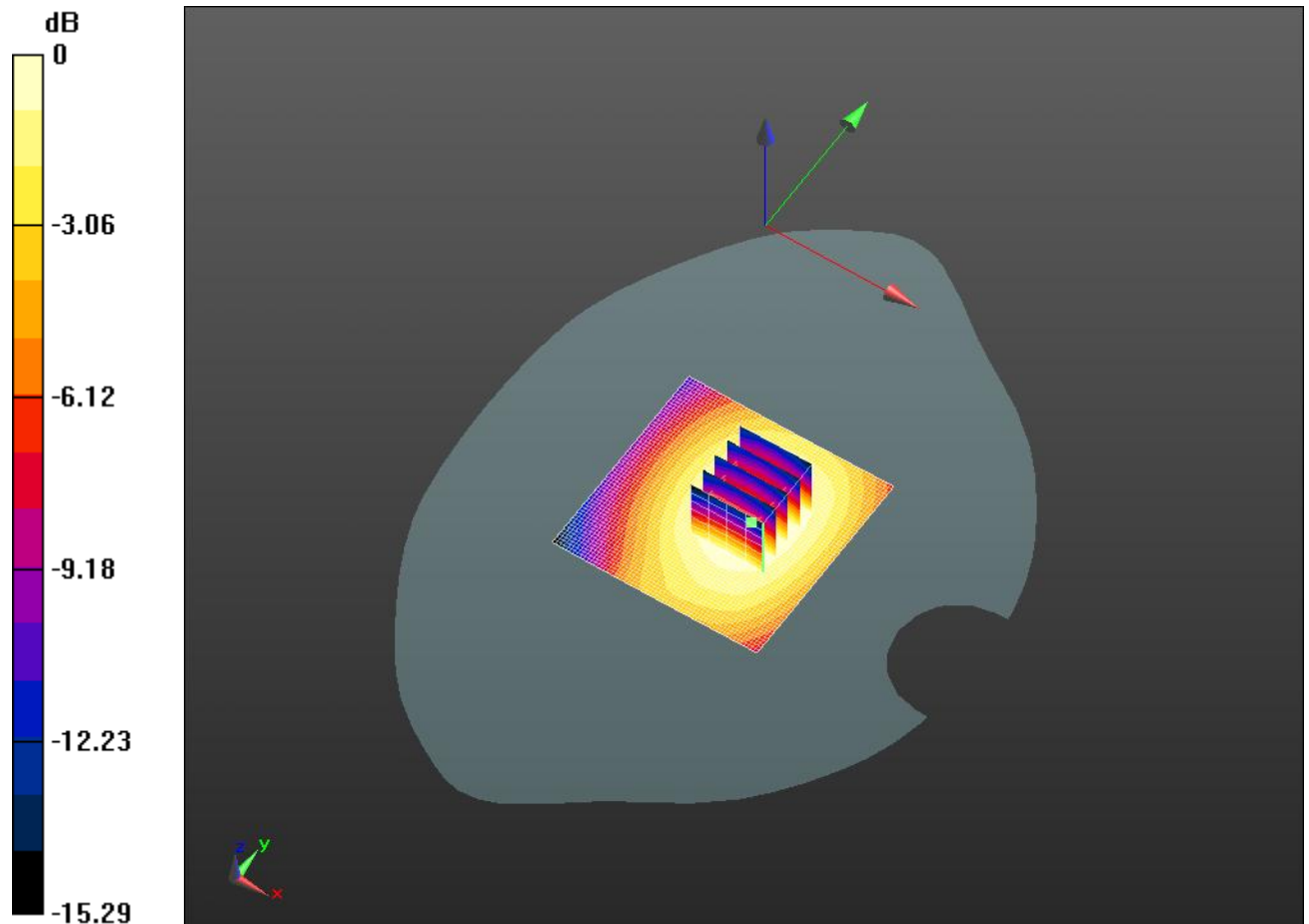
**GSM 850\_Back/BackHigh -10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.400 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.123 mW/g

**SAR(1 g) = 0.81 mW/g; SAR(10 g) = 0.683 mW/g**

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



0 dB = 1.16 W/kg = 2.01 dB W/kg

Date: 2019.07.01.

### 1.1.3 GSM850 Body Back Side High 15mm

#### Medium: MSL900

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);  
Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 1.019$  mho/m;  $\epsilon_r = 55.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.55, 9.55, 9.55); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**GSM 850\_Back/High/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 19.063 V/m; Power Drift = -0.02 dB

**Fast SAR: SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.644 mW/g**

Maximum value of SAR (interpolated) = 0.974 W/kg

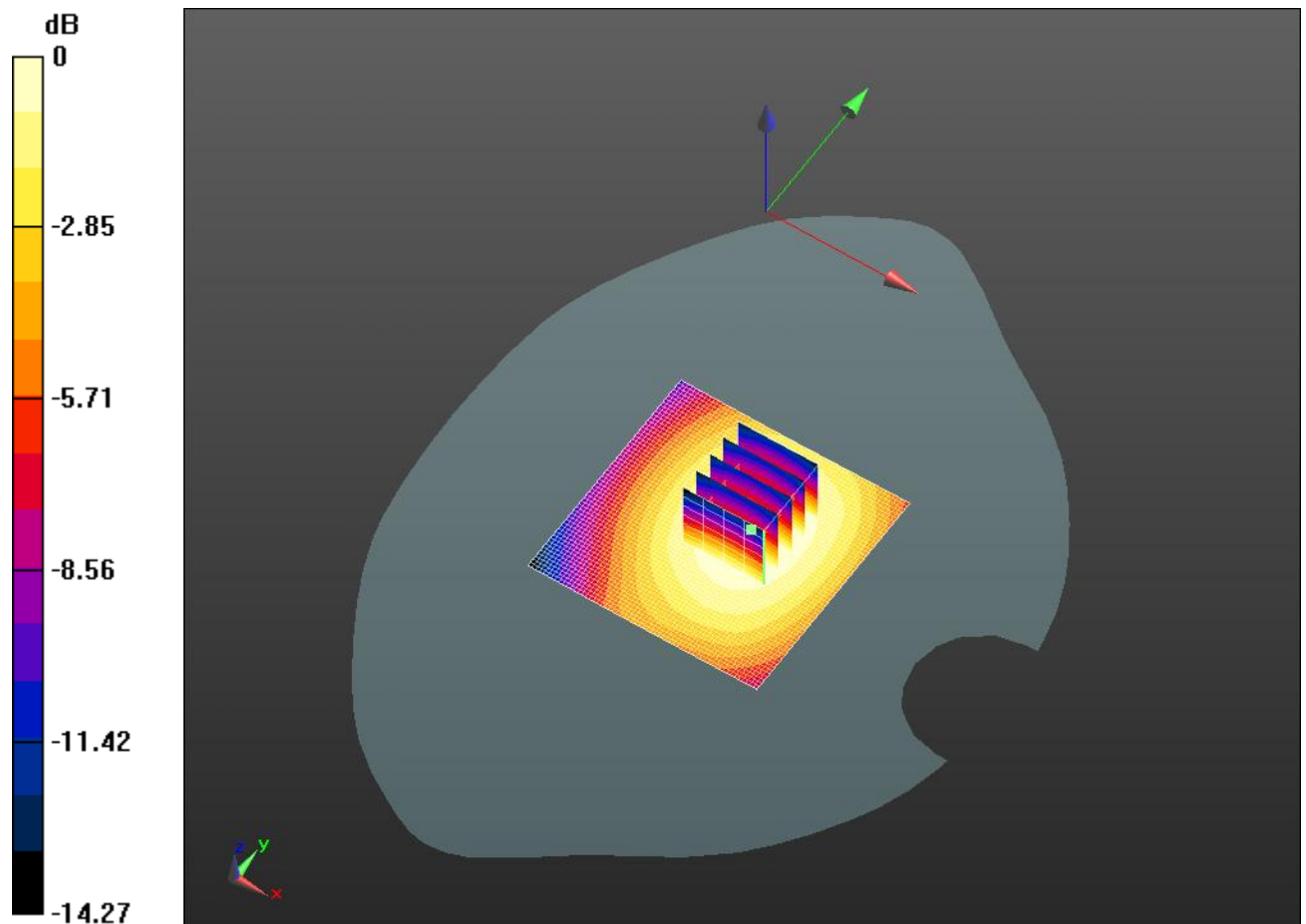
**GSM 850\_Back/High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.063 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.015 mW/g

**SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.589 mW/g**

Maximum value of SAR (measured) = 0.976 W/kg



0 dB = 0.974 W/kg = -0.23 dB W/kg

Date: 2019.07.04.

## 1.1.4 GSM1900 Head Right Cheek Mid

### Medium: HSL1900

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASYS Configuration: Probe: EX3DV4 - SN3881; ConvF(7.91, 7.91, 7.91); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**1900\_Right GSM Head/1900 GSM Cheek-Mid 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 4.671 V/m; Power Drift = 0.16 dB

**Fast SAR: SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.139 mW/g**

Maximum value of SAR (interpolated) = 0.266 W/kg

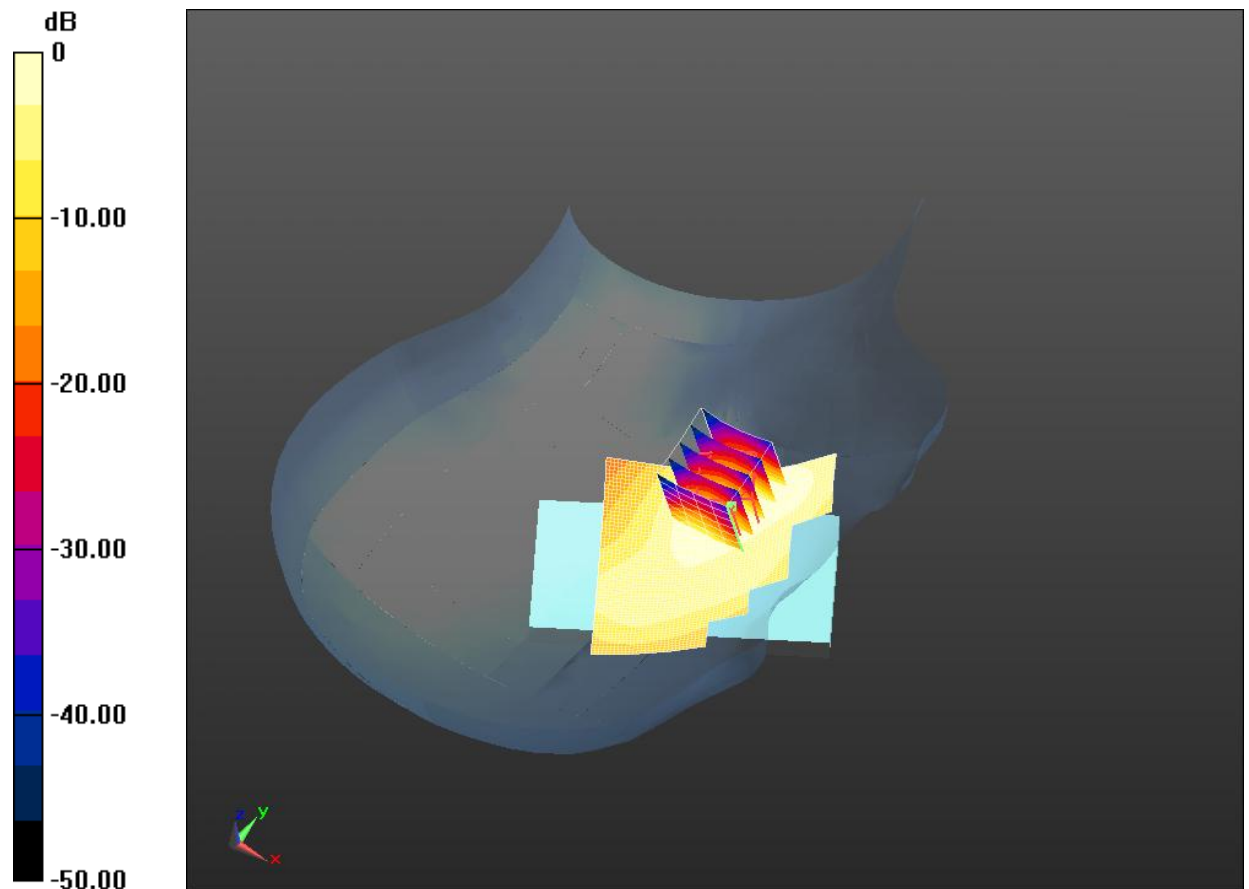
**1900\_Right GSM Head/1900 GSM Cheek-Mid 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.671 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.362 mW/g

**SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.161 mW/g**

Maximum value of SAR (measured) = 0.260 W/kg



0 dB = 0.266 W/kg = -11.51 dB W/kg

Date: 2019.07.04.

## 1.1.5 GSM1900 Body Back Side Mid 10mm

### Medium: MSL1900

Communication System: GPRS FDD(TDMA,GSMK); Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Duty Cycle: 1:4.1

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASYS Configuration:Probe: EX3DV4 - SN3881; ConvF(7.73, 7.73, 7.73); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**1900\_GPRS/GPRS1900 Facedown-Mid-10mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 17.736 V/m; Power Drift = 0.06 dB

**Fast SAR: SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.348 mW/g**

Maximum value of SAR (interpolated) = 0.626 W/kg

**1900\_GPRS/GPRS1900 Facedown-Mid-10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

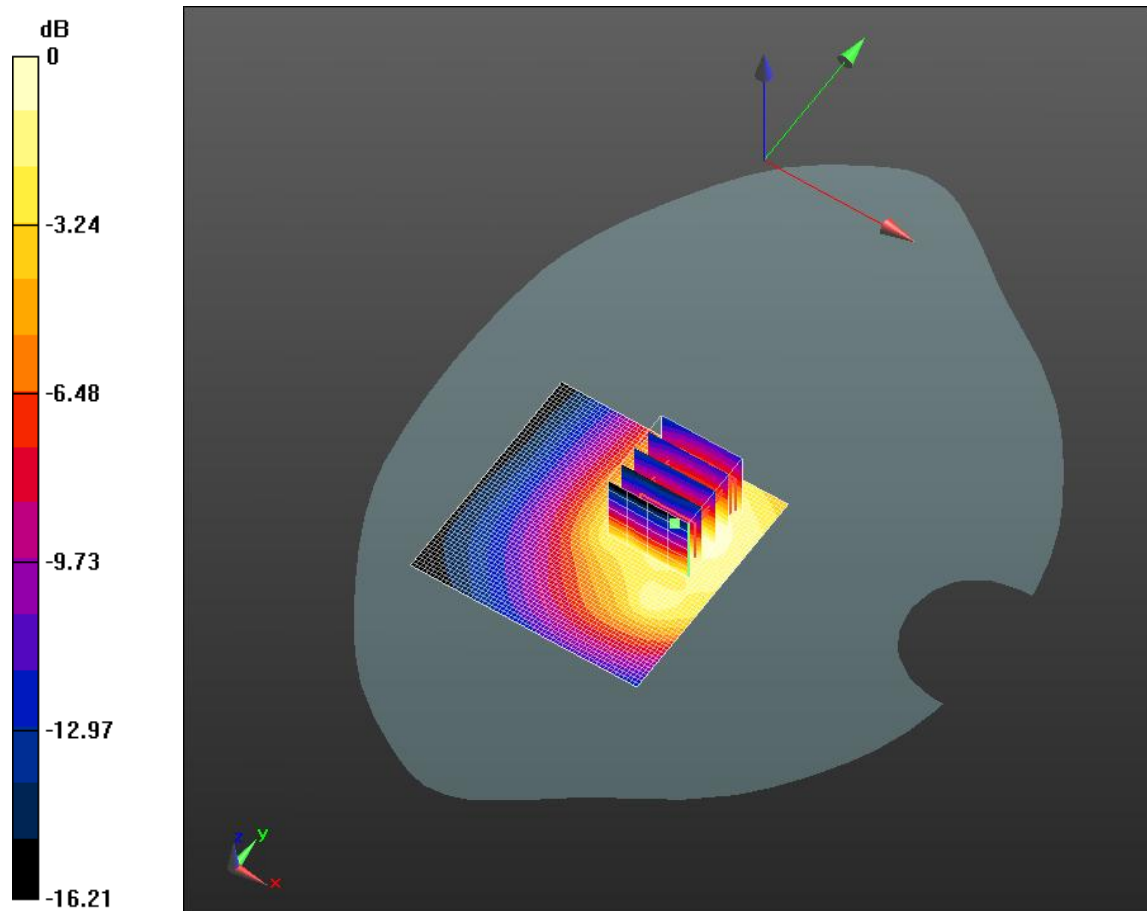
dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.736 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.868 mW/g

**SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.364 mW/g**

Maximum value of SAR (measured) = 0.614 W/kg



0 dB = 0.626 W/kg = -4.07 dB W/kg

Date: 2019.07.04.

## 1.1.6 GSM1900 Body Back Side Mid 15mm

### Medium: MSL1900

Communication System: GPRS FDD(TDMA,GSMK); Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Duty Cycle: 1:4.1

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.73, 7.73, 7.73); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**1900\_GPRS/GPRS1900 Facedown-Mid-15mm 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.164 V/m; Power Drift = 0.04 dB

**Fast SAR: SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (interpolated) = 0.365 W/kg

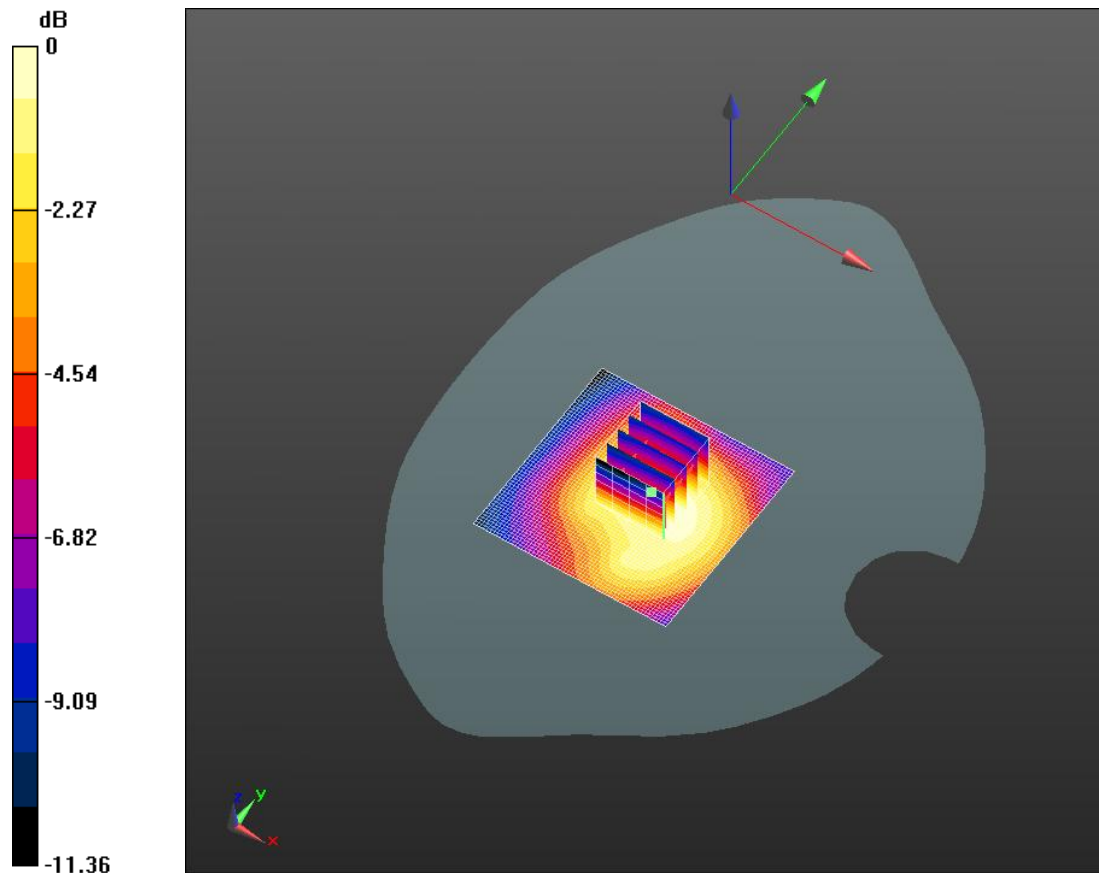
**1900\_GPRS/GPRS1900 Facedown-Mid-15mm 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.164 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.504 mW/g

**SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.222 mW/g**

Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.365 W/kg = -8.76 dB W/kg

Date: 2019.07.04.

## 1.1.7 WCDMA Body BAND2 Head Right Cheek Mid

### Medium: HSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.91, 7.91, 7.91); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**UMTS Band 2\_ right head cheek/Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 6.061 V/m; Power Drift = 0.06 dB

**Fast SAR: SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.242 mW/g**

Maximum value of SAR (interpolated) = 0.468 W/kg

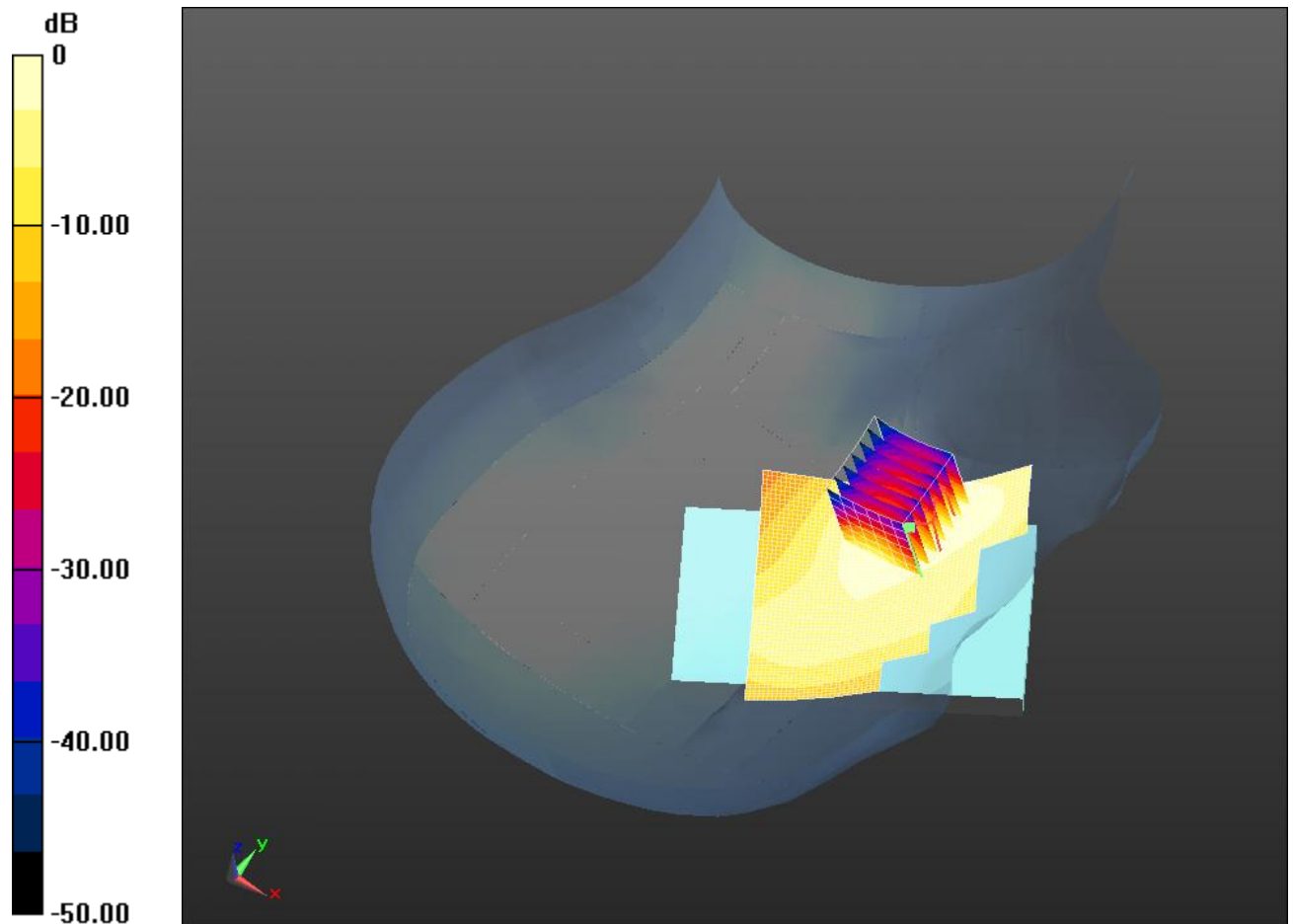
**UMTS Band 2\_ right head cheek/Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.061 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.605 mW/g

**SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.274 mW/g**

Maximum value of SAR (measured) = 0.449 W/kg



0 dB = 0.468 W/kg = -6.60 dB W/kg

Date: 2019.07.04.



## 1.1.8 WCDMA Body BAND2 Body Bottom Side Mid 10mm

### Medium: MSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.73, 7.73, 7.73); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**UMTS Band 2\_ body Back/Mid 2 2 2 3 2 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 17.924 V/m; Power Drift = -0.01 dB

**Fast SAR: SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.439 mW/g**

Maximum value of SAR (interpolated) = 0.891 W/kg

**UMTS Band 2\_ body Back/Mid 2 2 2 3 2 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

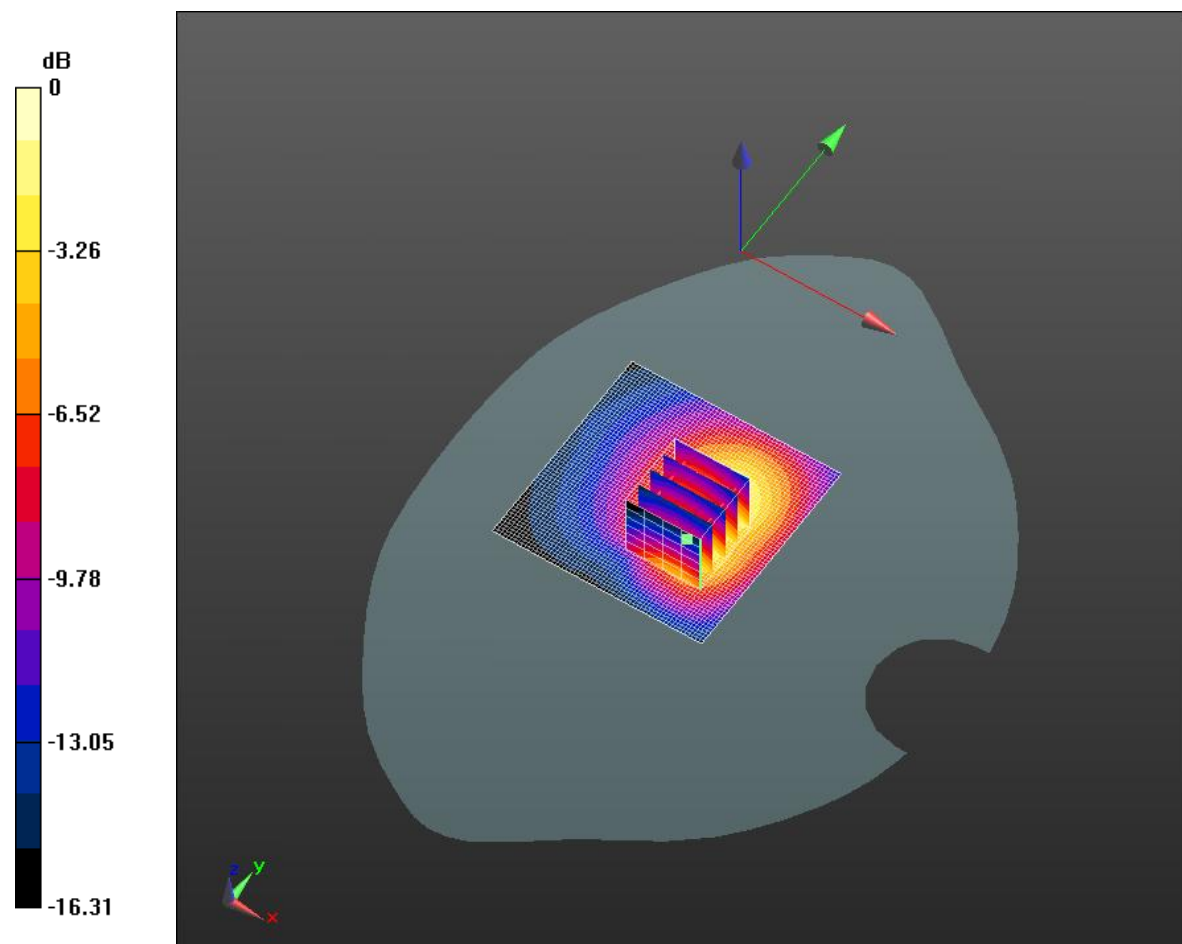
dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.924 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.265 mW/g

**SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.428 mW/g**

Maximum value of SAR (measured) = 0.783 W/kg



0 dB = 0.891 W/kg = -1.00 dB W/kg

Date: 2019.07.04.

## 1.1.9 WCDMA Body BAND2 Body Back Side Mid 15mm

### Medium: MSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.73, 7.73, 7.73); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**UMTS Band 2\_ body Back/Back Mid 15mm 2 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.622 V/m; Power Drift = 0.04 dB

**Fast SAR: SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.237 mW/g**

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

**UMTS Band 2\_ body Back/Back Mid 15mm 2 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

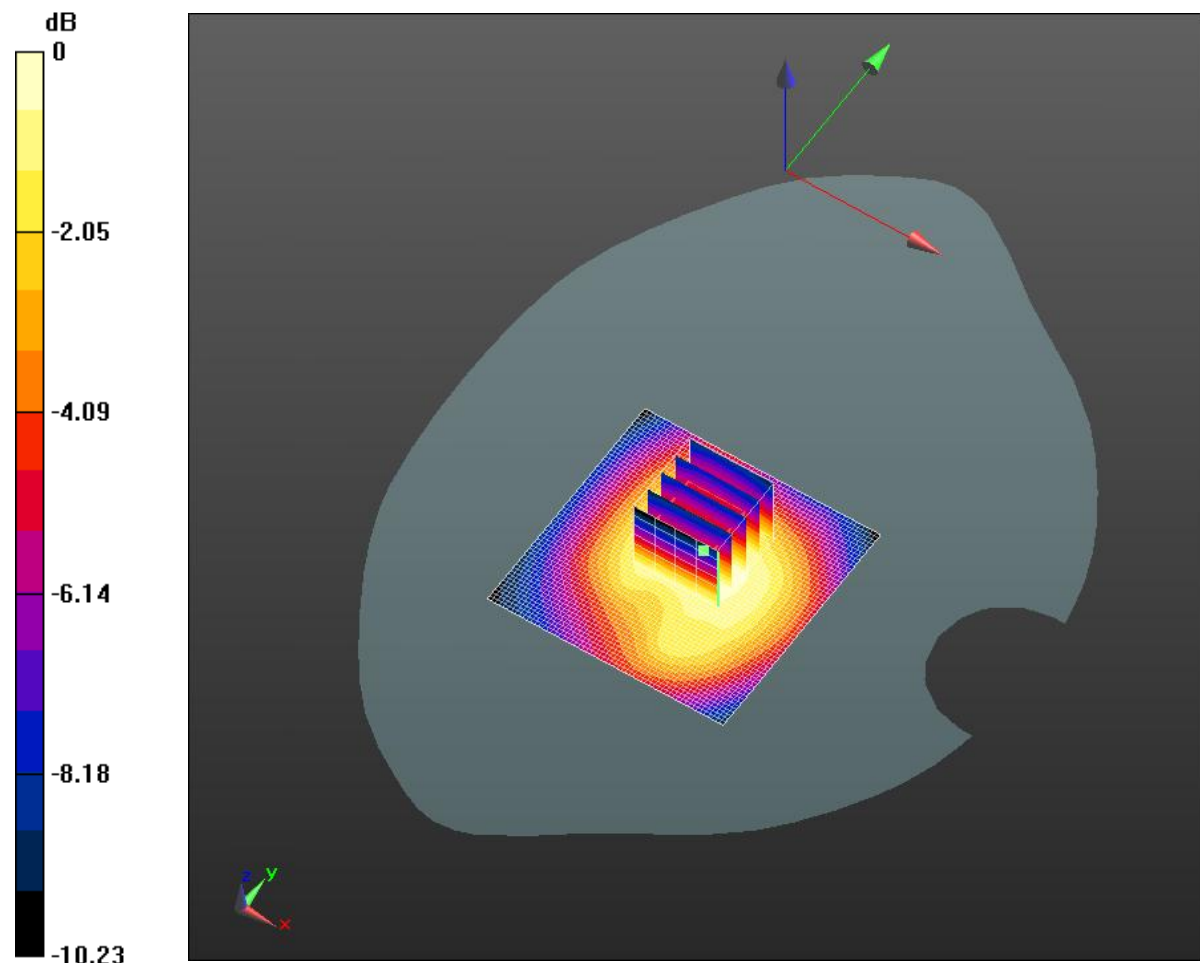
dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.622 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.565 mW/g

**SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.252 mW/g**

Maximum value of SAR (measured) = 0.407 W/kg



0 dB = 0.406 W/kg = -7.82 dB W/kg

Date: 2019.07.02.

## 1.1.10 WCDMA Body BAND5 Head Right Cheek Mid

### Medium: HSL835

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.4, 9.4, 9.4); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**UMTS Band 5\_right head cheek/Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.178 V/m; Power Drift = 0.04 dB

**Fast SAR: SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.357 mW/g**

Maximum value of SAR (interpolated) = 0.545 W/kg

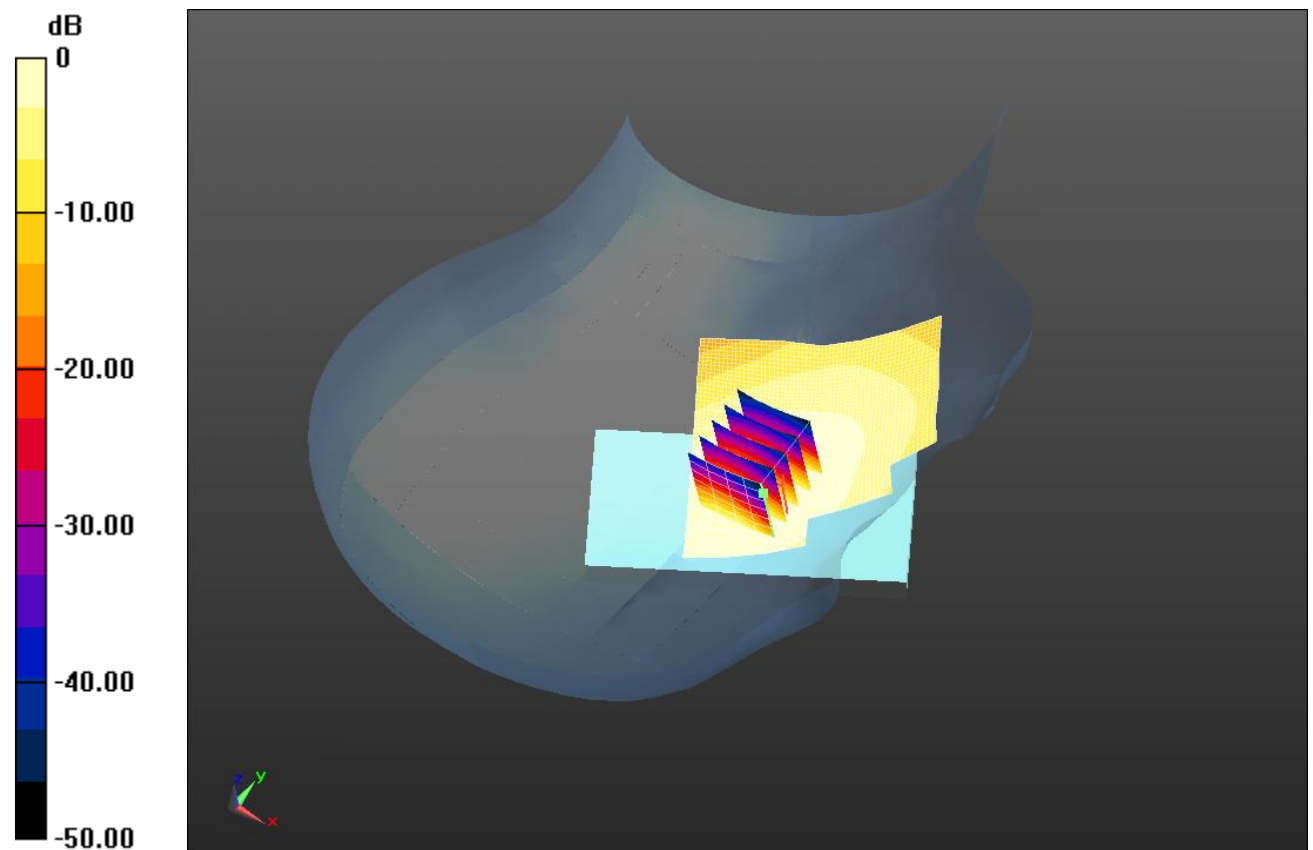
**UMTS Band 5\_right head cheek/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.178 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.638 mW/g

**SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.406 mW/g**

Maximum value of SAR (measured) = 0.556 W/kg



0 dB = 0.545 W/kg = -5.27 dB W/kg

Date: 2019.07.02.

## 1.1.11 WCDMA Body BAND5 Body Back Side Mid 10mm

### Medium: MSL835

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.858$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.55, 9.55, 9.55); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**UMTS Band 5\_body Back/BackMid -10/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 30.548 V/m; Power Drift = 0.03 dB

**Fast SAR: SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.596 mW/g**

Maximum value of SAR (interpolated) = 0.897 W/kg

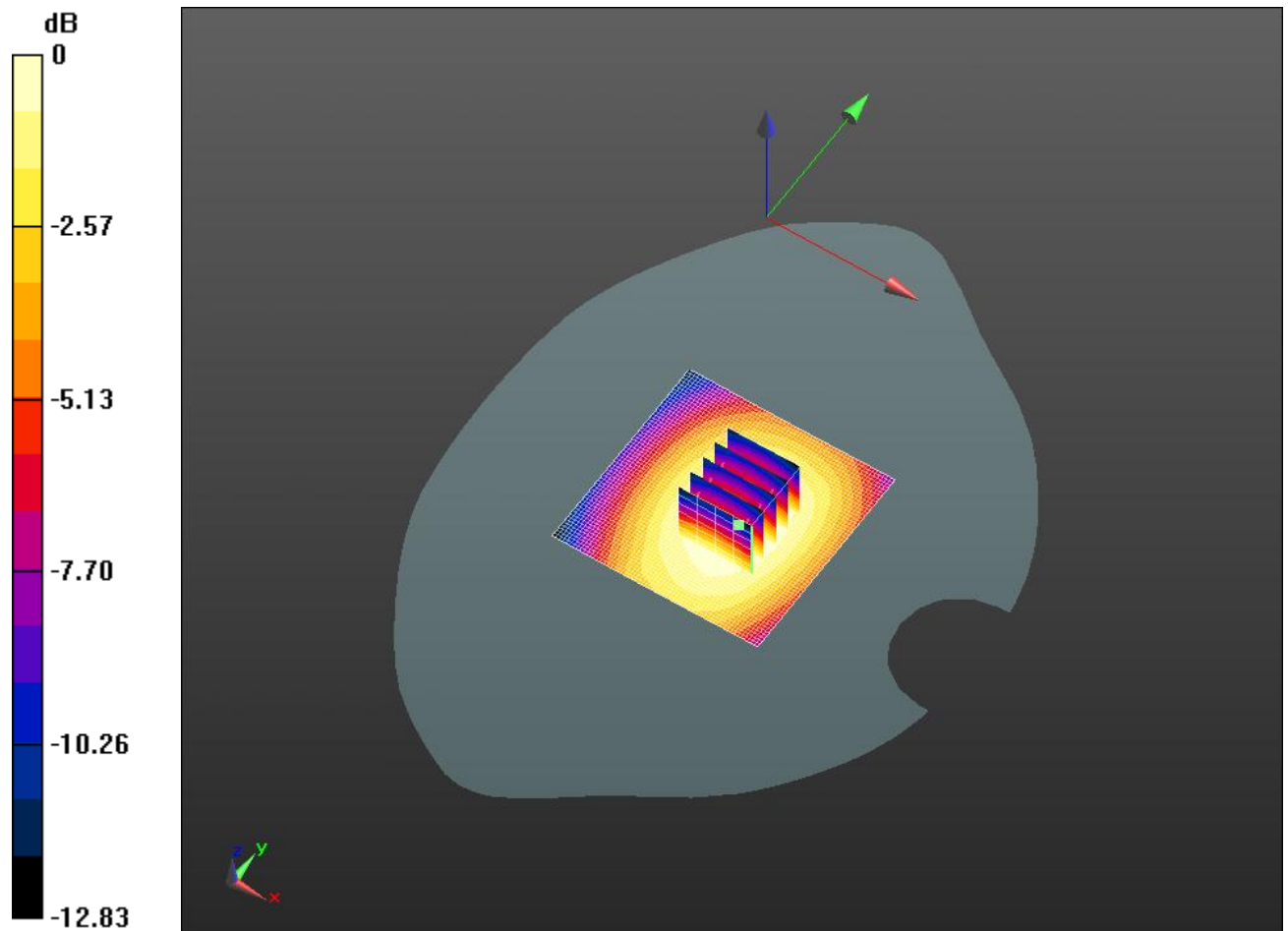
**UMTS Band 5\_body Back/BackMid -10/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.548 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.059 mW/g

**SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.637 mW/g**

Maximum value of SAR (measured) = 0.888 W/kg



0 dB = 0.897 W/kg = -0.94 dB W/kg

Date: 2019.07.02.

## 1.1.12 WCDMA Body BAND5 Body Back Side Mid 15mm

### Medium: MSL835

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.858$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.55, 9.55, 9.55); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**UMTS Band 5\_body Back/Back Mid-15mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 28.711 V/m; Power Drift = -0.01 dB

**Fast SAR: SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.521 mW/g**

Maximum value of SAR (interpolated) = 0.784 W/kg

**UMTS Band 5\_body Back/Back Mid-15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

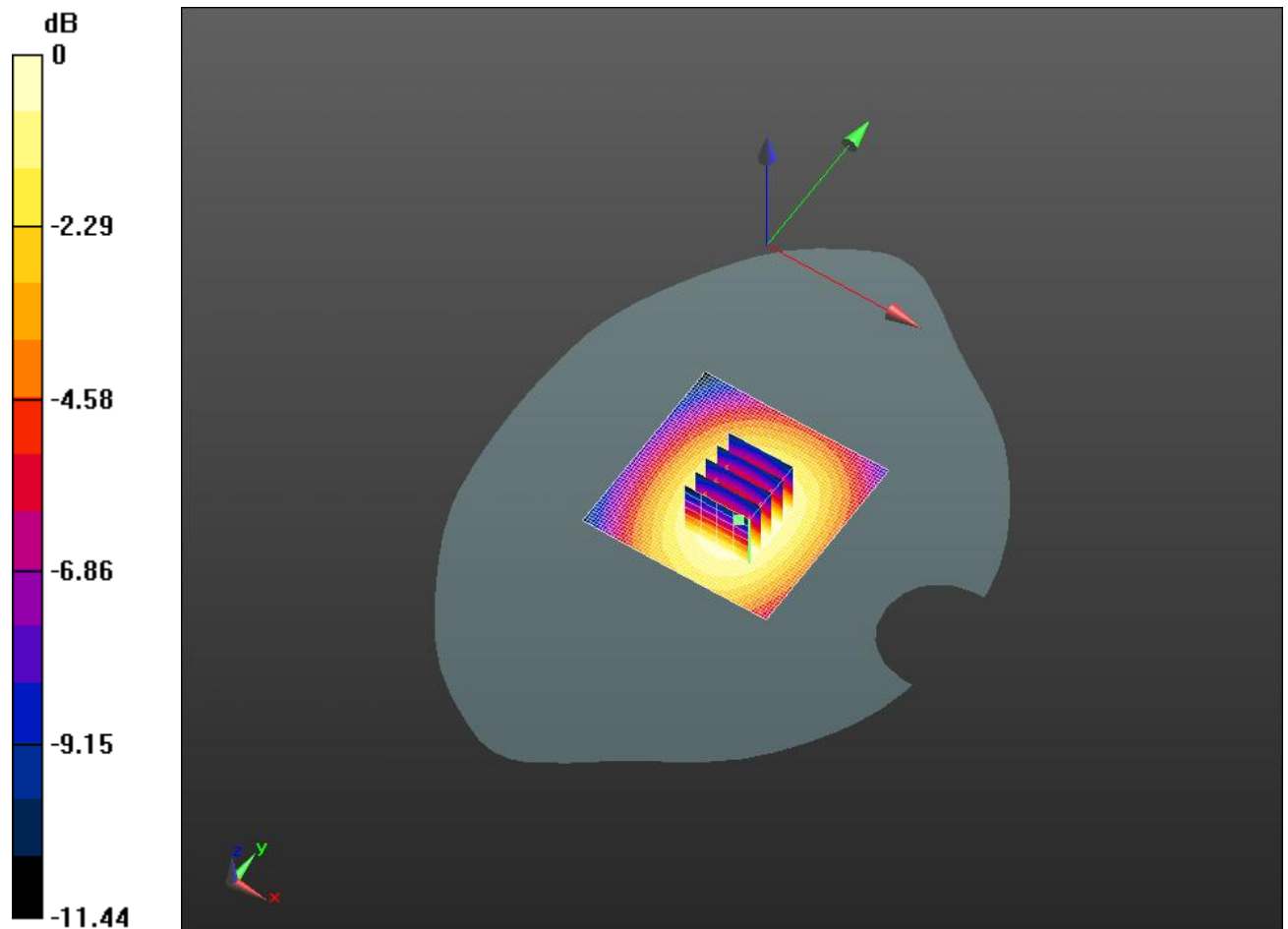
dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.711 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.946 mW/g

**SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.560 mW/g**

Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -2.11 dB W/kg

Date: 2019.07.04.

### 1.1.13 LTE Band2 Head Right Cheek Mid

**Medium: HSL1900**

Communication System: LTE-FDD(CE); Communication System Band: Band2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.78$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.91, 7.91, 7.91); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Head Right/Cheek Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 5.508 V/m; Power Drift = 0.12 dB

**Fast SAR: SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (interpolated) = 0.329 W/kg

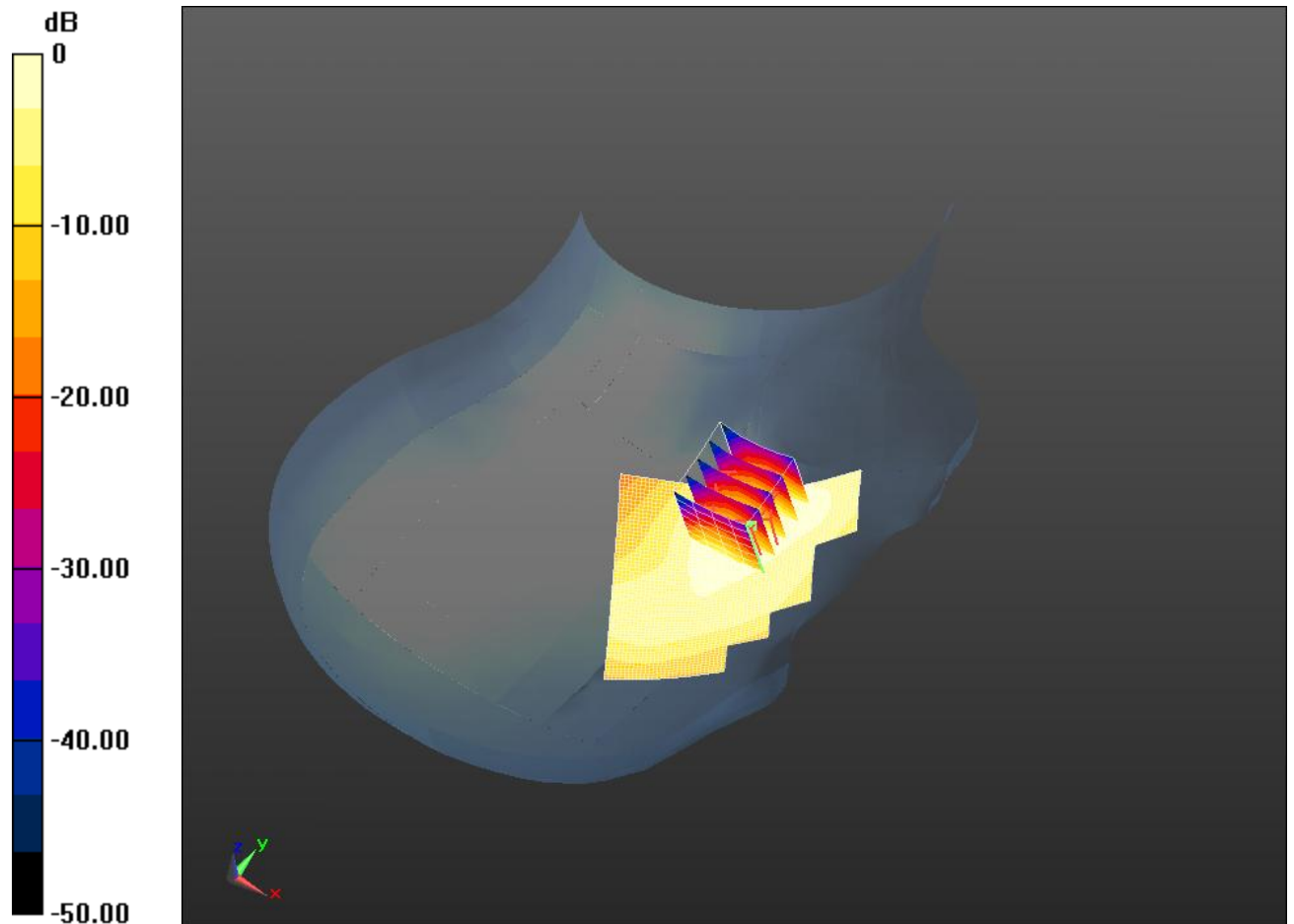
**Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.508 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.434 mW/g

**SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.329 W/kg = -9.64 dB W/kg

Date: 2019.07.04.

## 1.1.14 LTE Band2 Body Back Side Mid 10mm

### Medium: MSL1900

Communication System: LTE-FDD(CE); Communication System Band: Band2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.73, 7.73, 7.73); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid 15mm/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 16.392 V/m; Power Drift = -0.00 dB

**Fast SAR: SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.397 mW/g**

Maximum value of SAR (interpolated) = 0.694 W/kg

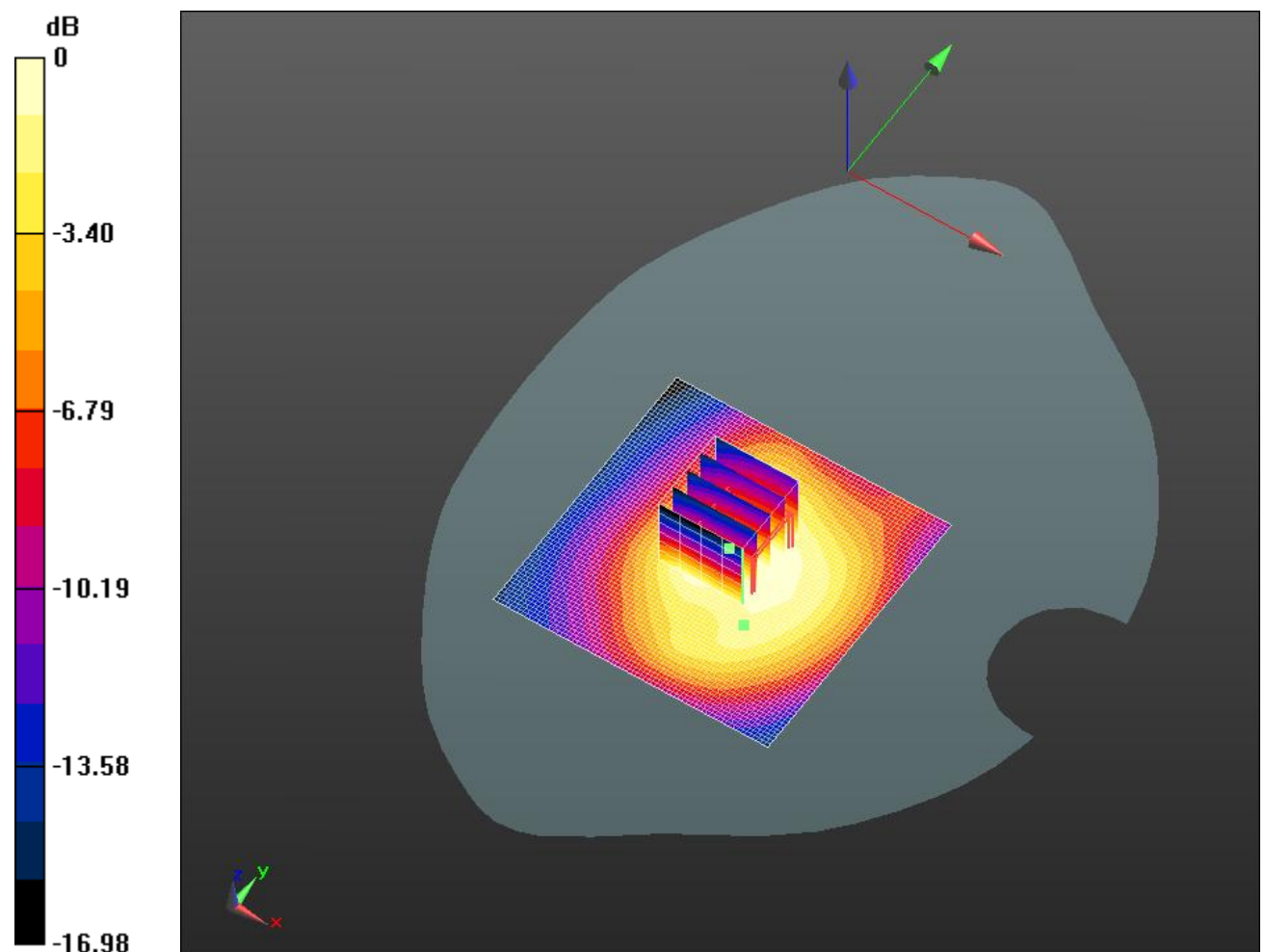
**Body/Facedown Mid 15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.392 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.024 mW/g

**SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.417 mW/g**

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



0 dB = 0.694 W/kg = -3.18 dB W/kg

Date: 2019.07.04.

## 1.1.15 LTE Band2 Body Back Side Mid 15mm

### Medium: MSL1900

Communication System: LTE-FDD(CE); Communication System Band: Band2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.73, 7.73, 7.73); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid-10mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.521 V/m; Power Drift = 0.04 dB

**Fast SAR: SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.237 mW/g**

Maximum value of SAR (interpolated) = 0.416 W/kg

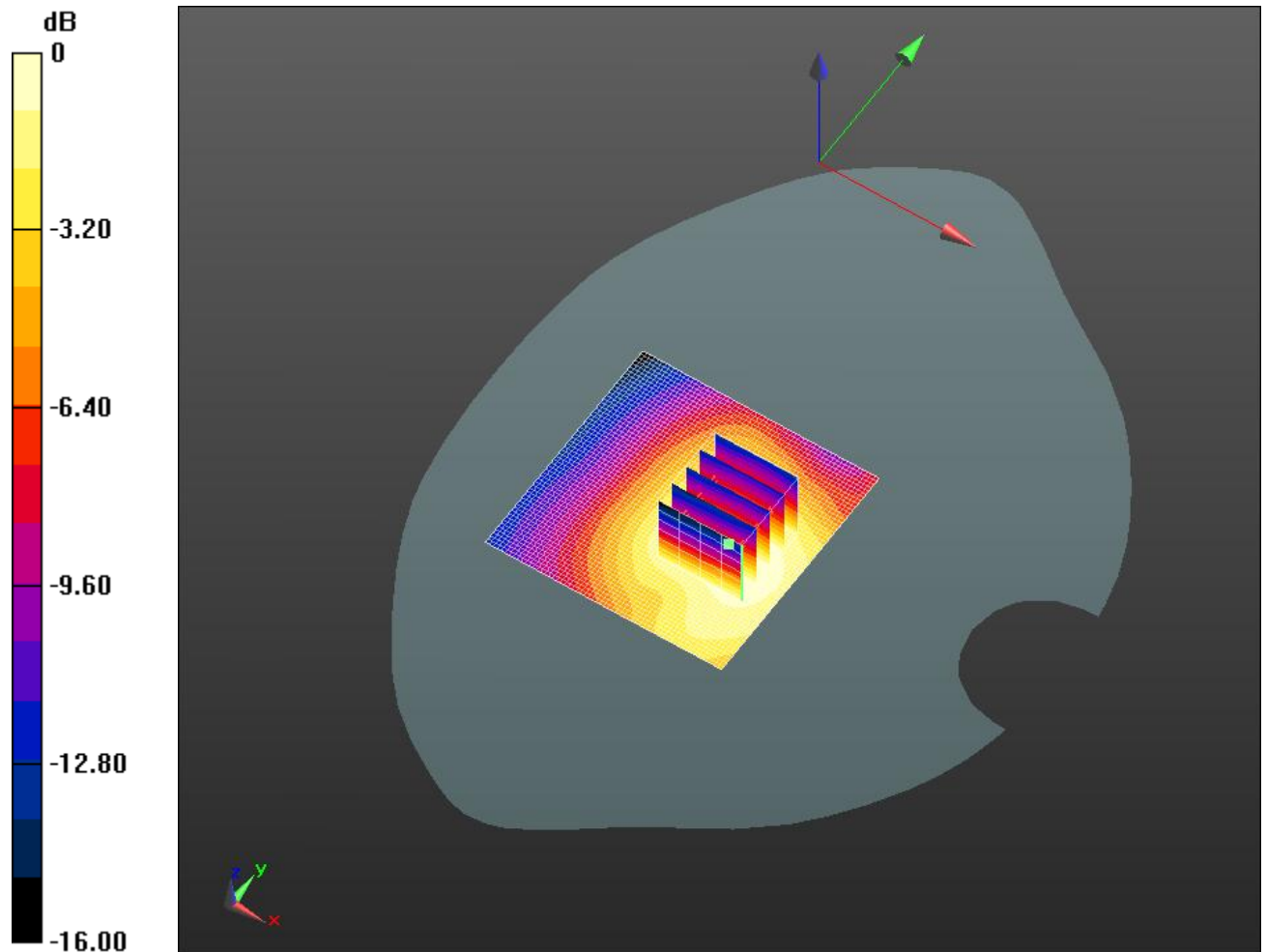
**Body/Facedown Mid-10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.521 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.558 mW/g

**SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.416 W/kg = -7.63 dB W/kg

Date: 2019.07.03.



## 1.1.16 LTE Band4 Head Right Cheek Mid

### Medium: HSL1750

Communication System: LTE-FDD(CE); Communication System Band: Band4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.31$  mho/m;  $\epsilon_r = 40.408$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.32, 8.32, 8.32); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Head Right/Cheek Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 3.765 V/m; Power Drift = -0.13 dB

**Fast SAR: SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.094 mW/g.**

Maximum value of SAR (interpolated) = 0.181 W/kg

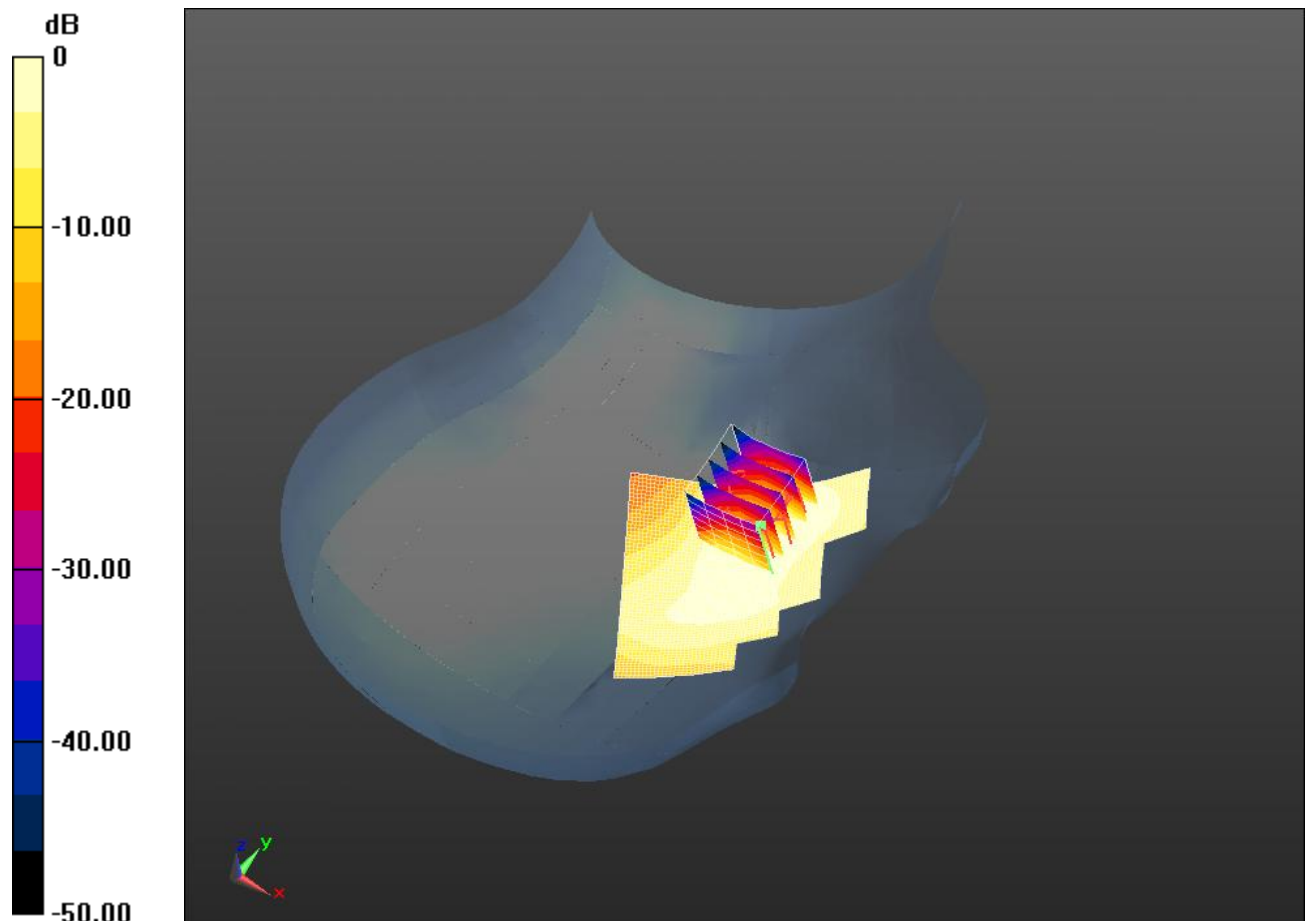
**Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.765 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.227 mW/g

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.109 mW/g**

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



0 dB = 0.181 W/kg = -14.85 dB W/kg

Date: 2019.07.03.

## 1.1.17 LTE Band4 Body Back Side Mid 10mm

### Medium: MSL1750

Communication System: LTE-FDD(CE); Communication System Band: Band4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.404$  mho/m;  $\epsilon_r = 51.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.93, 7.93, 7.93); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.039 V/m; Power Drift = 0.10 dB

**Fast SAR: SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (interpolated) = 0.383 W/kg

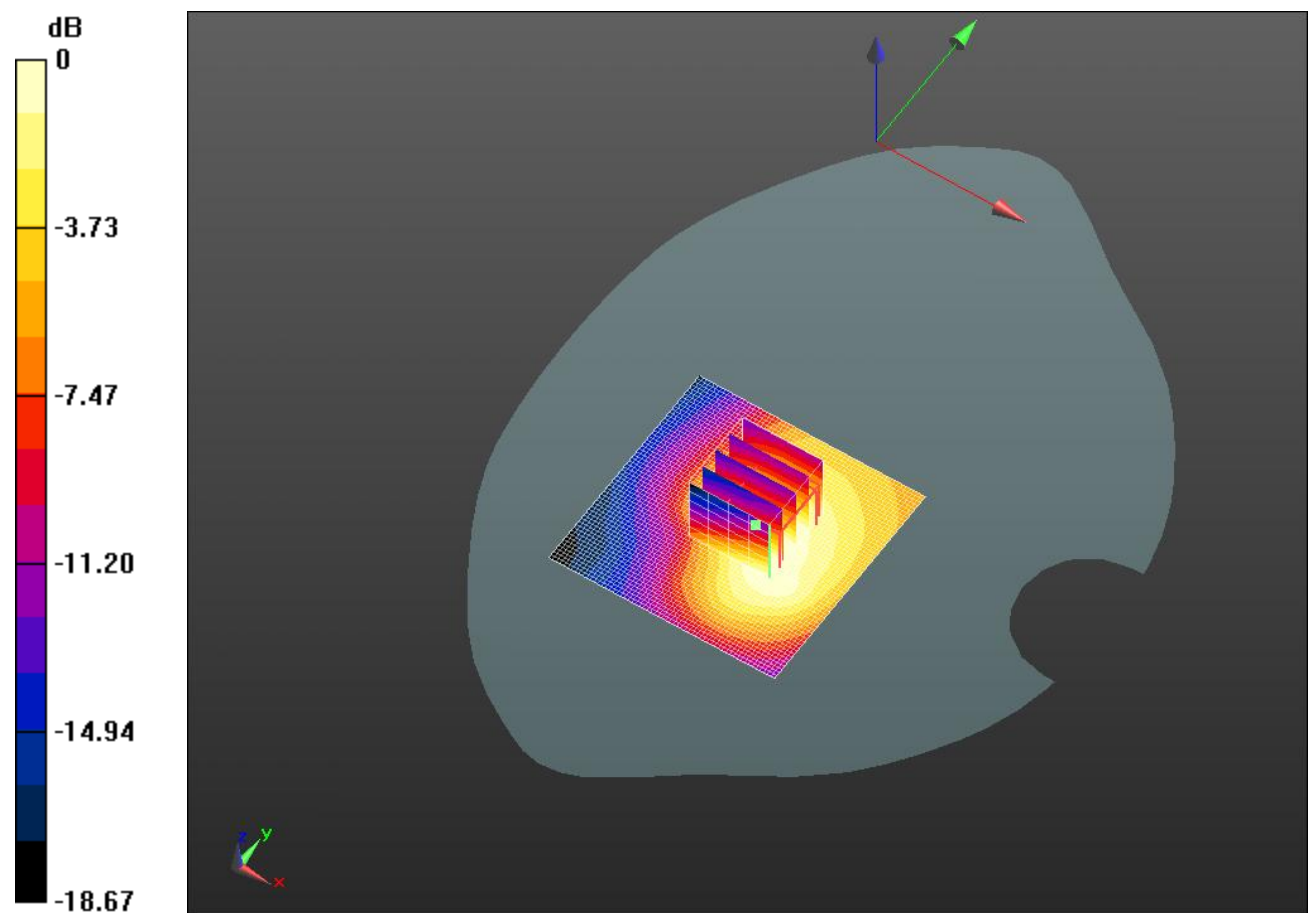
**Body/Facedown Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.039 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.559 mW/g

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.210 mW/g**

Maximum value of SAR (measured) = 0.363 W/kg



0 dB = 0.383 W/kg = -8.33 dB W/kg

Date: 2019.07.03.

## 1.1.18 LTE Band4 Body Back Side Mid 15mm

### Medium: MSL1750

Communication System: LTE-FDD(CE); Communication System Band: Band4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.404$  mho/m;  $\epsilon_r = 51.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.93, 7.93, 7.93); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid 15mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.845 V/m; Power Drift = 0.12 dB

**Fast SAR: SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (interpolated) = 0.202 W/kg

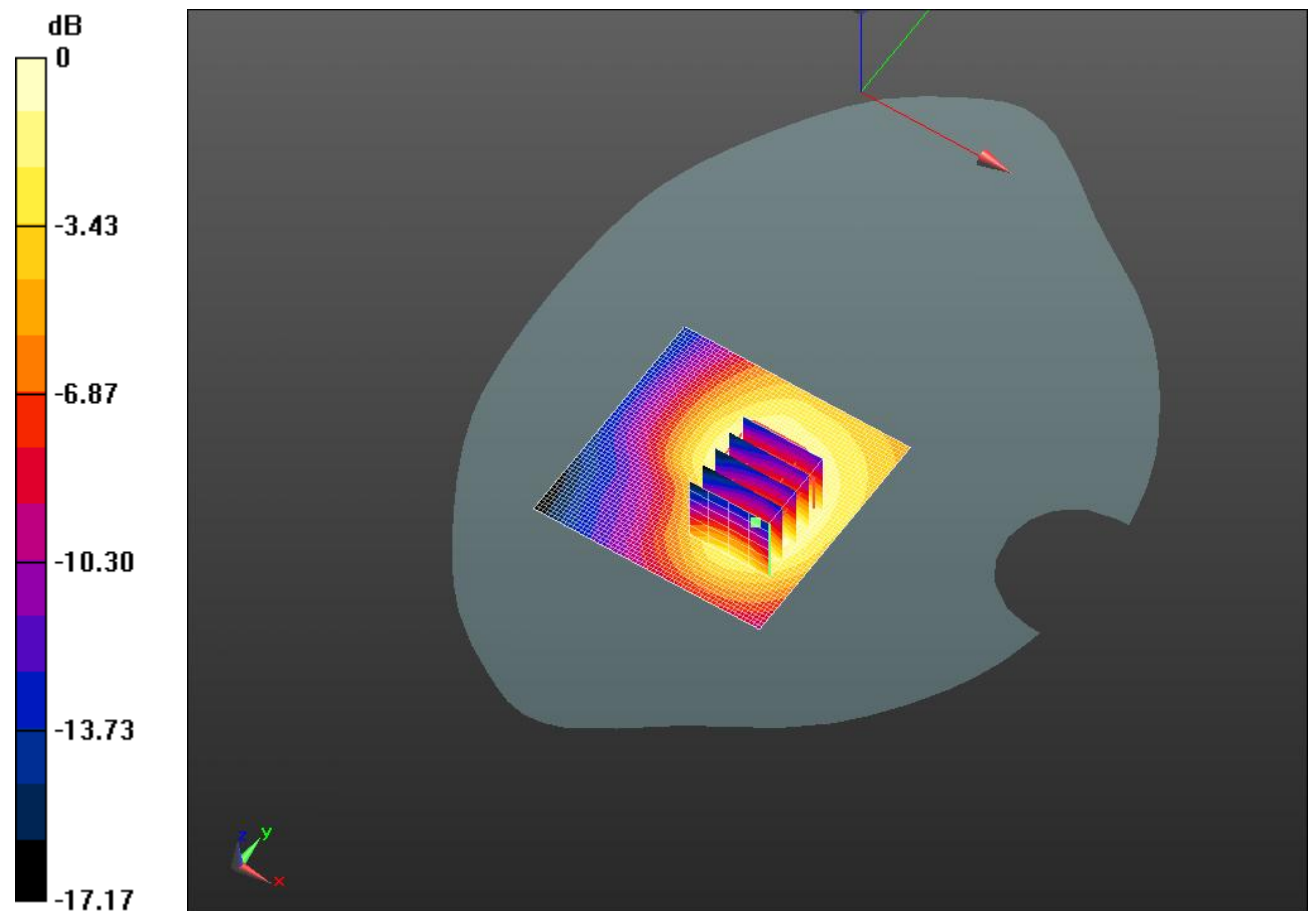
**Body/Facedown Mid 15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.845 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.293 mW/g

**SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.117 mW/g.**

Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -13.91 dB W/kg

Date: 2019.07.02.

## 1.1.19 LTE Band5 Head Right Cheek Mid

### Medium: HSL835

Communication System: LTE-FDD(CE); Communication System Band: Band5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.479$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.4, 9.4, 9.4); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Head Right/Cheek Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.247 V/m; Power Drift = -0.18 dB

**Fast SAR: SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.269 mW/g**

Maximum value of SAR (interpolated) = 0.409 W/kg

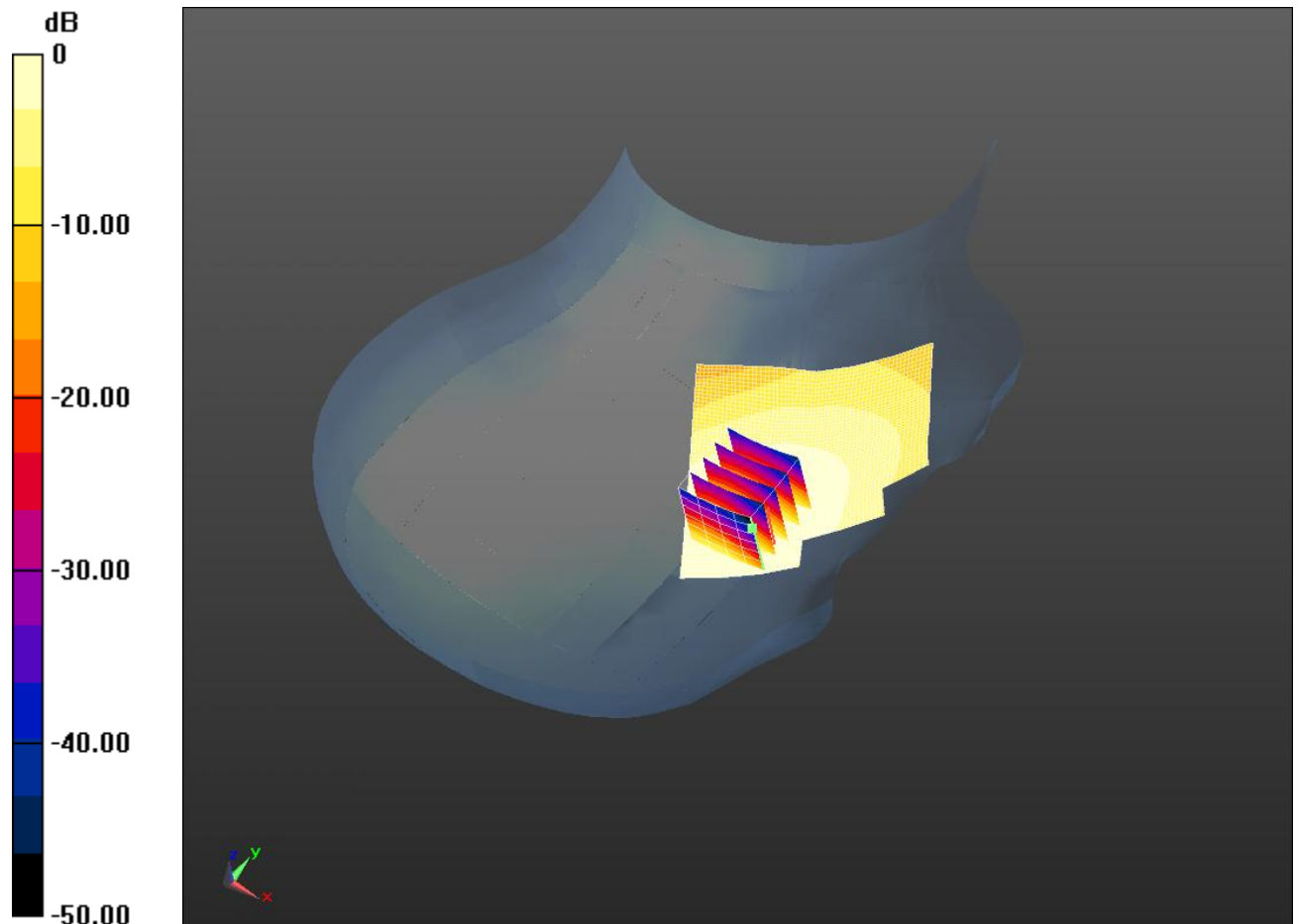
**Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.247 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.462 mW/g

**SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.305 mW/g**

Maximum value of SAR (measured) = 0.405 W/kg



0 dB = 0.409 W/kg = -7.77 dB W/kg

Date: 2019.07.02.

## 1.1.20 LTE Band5 Body Back Side Mid 10mm

### Medium: MSL835

Communication System: LTE-FDD(CE); Communication System Band: Band12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 824.04$  MHz;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 55.96$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.89, 9.89, 9.89); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid-10mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 29.365 V/m; Power Drift = -0.04 dB

**Fast SAR: SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.576 mW/g**

Maximum value of SAR (interpolated) = 0.853 W/kg

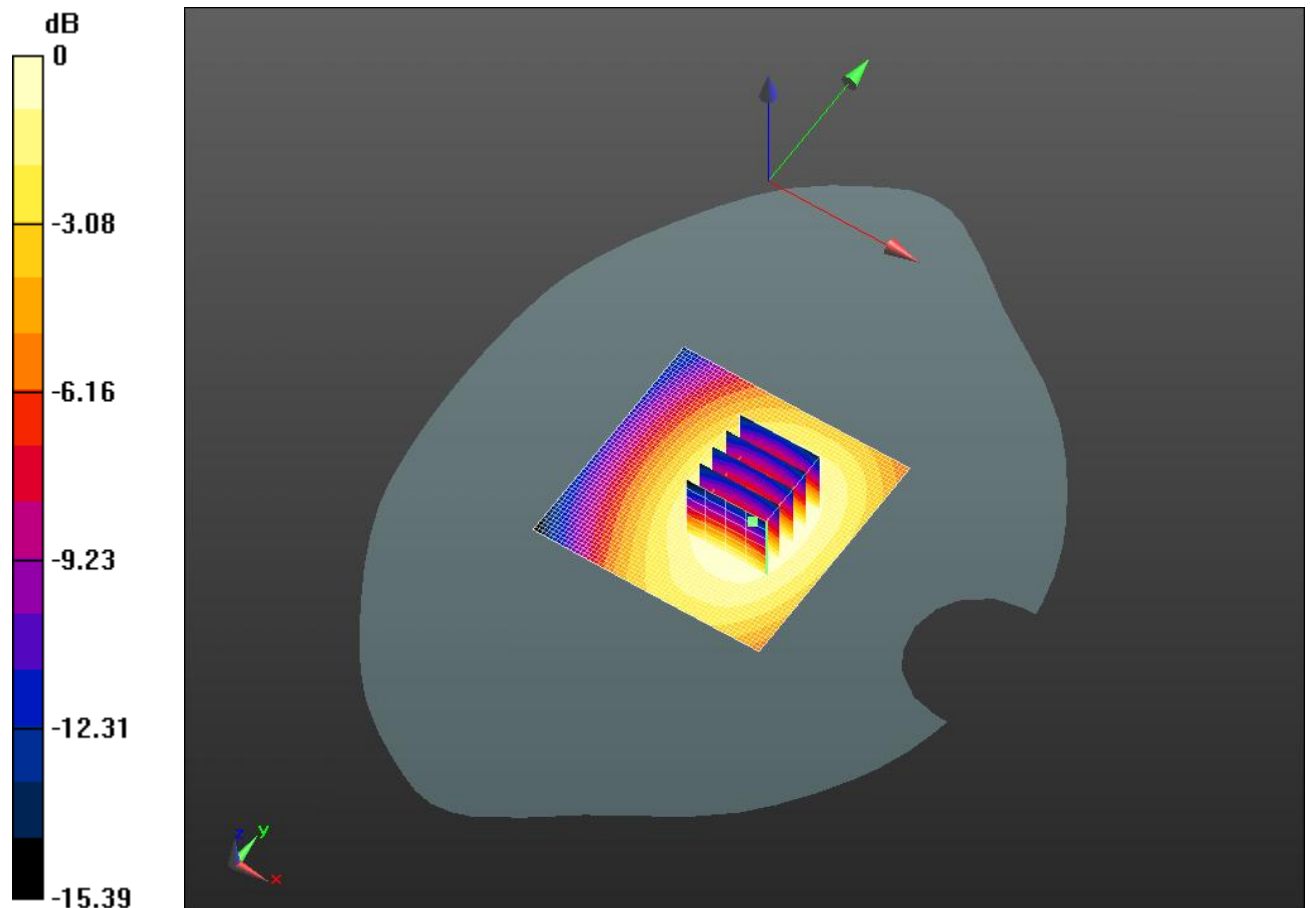
**Body/Facedown Mid-10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.365 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.031 mW/g

**SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.606 mW/g**

Maximum value of SAR (measured) = 0.851 W/kg



0 dB = 0.853 W/kg = -1.38 dB W/kg

Date: 2019.07.02.

## 1.1.21 LTE Band5 Body Back Side Mid 15mm

### Medium: MSL835

Communication System: LTE-FDD(CE); Communication System Band: Band12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 824.04$  MHz;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 55.96$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.89, 9.89, 9.89); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid-15mm 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 27.733 V/m; Power Drift = -0.04 dB

**Fast SAR: SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.516 mW/g**

Maximum value of SAR (interpolated) = 0.769 W/kg

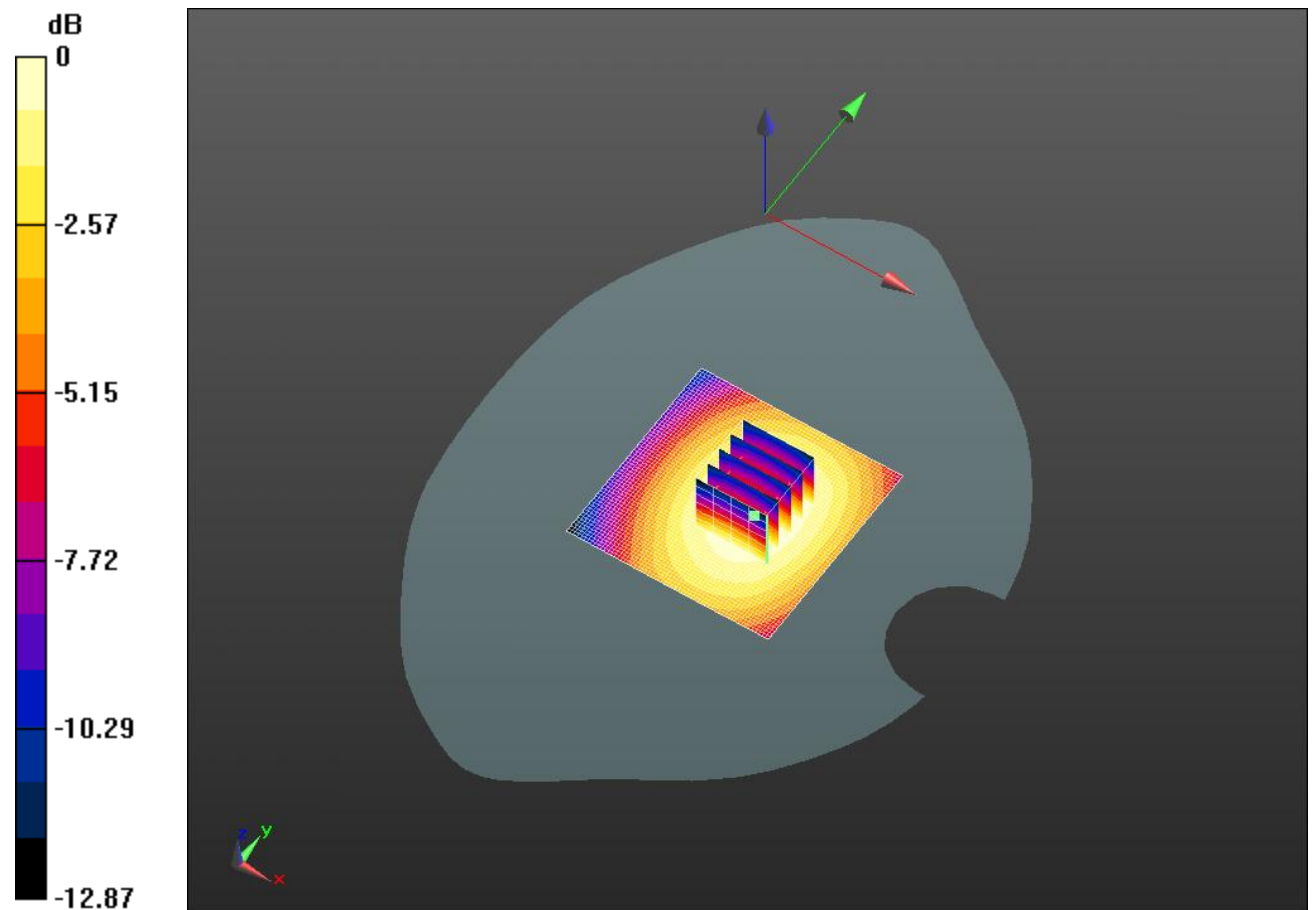
**Body/Facedown Mid-15mm 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.733 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.930 mW/g

**SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.542 mW/g**

Maximum value of SAR (measured) = 0.762 W/kg



0 dB = 0.769 W/kg = -2.28 dB W/kg

Date: 2019.07.08.

## 1.1.22 LTE Band7 Head Right Cheek Mid

### Medium: HSL2600

Communication System: LTE-FDD(CE); Communication System Band: Band7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.5, 7.5, 7.5); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Head Right/Cheek Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 3.209 V/m; Power Drift = 0.11 dB

**Fast SAR: SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.150 mW/g**

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

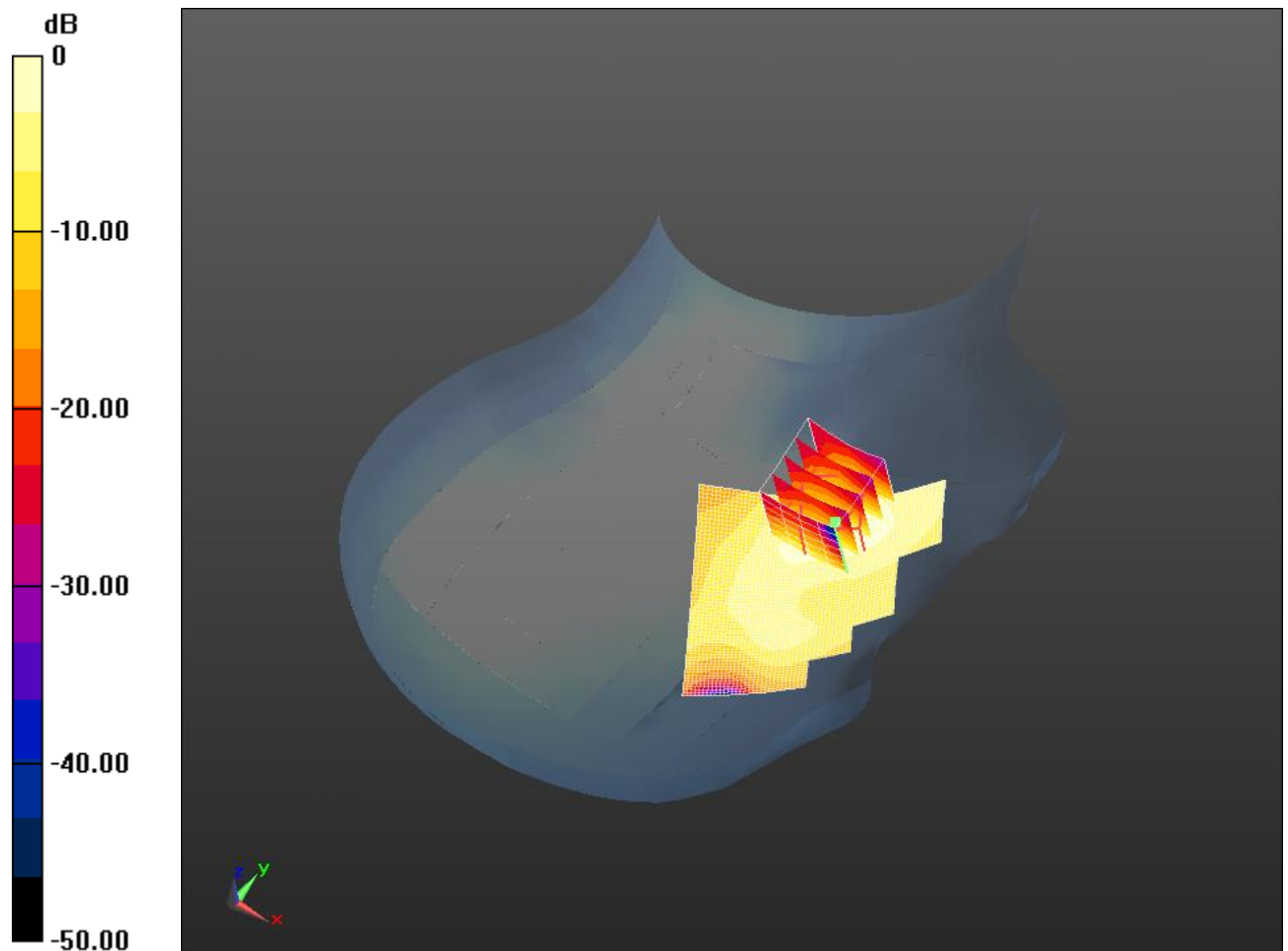
**Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.209 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.548 mW/g

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.177 mW/g**

Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.333 W/kg = -9.54 dB W/kg

Date: 2019.07.08.

### 1.1.23 LTE Band7 Body Back Side Mid 10mm

**Medium: MSL2600**

Communication System: LTE-FDD(CE); Communication System Band: Band7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.09$  mho/m;  $\epsilon_r = 50.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.5, 7.5, 7.5); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Back Mid-10mm 2 3/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 5.544 V/m; Power Drift = -0.03 dB

**Fast SAR: SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.306 mW/g**

Maximum value of SAR (interpolated) = 0.761 W/kg

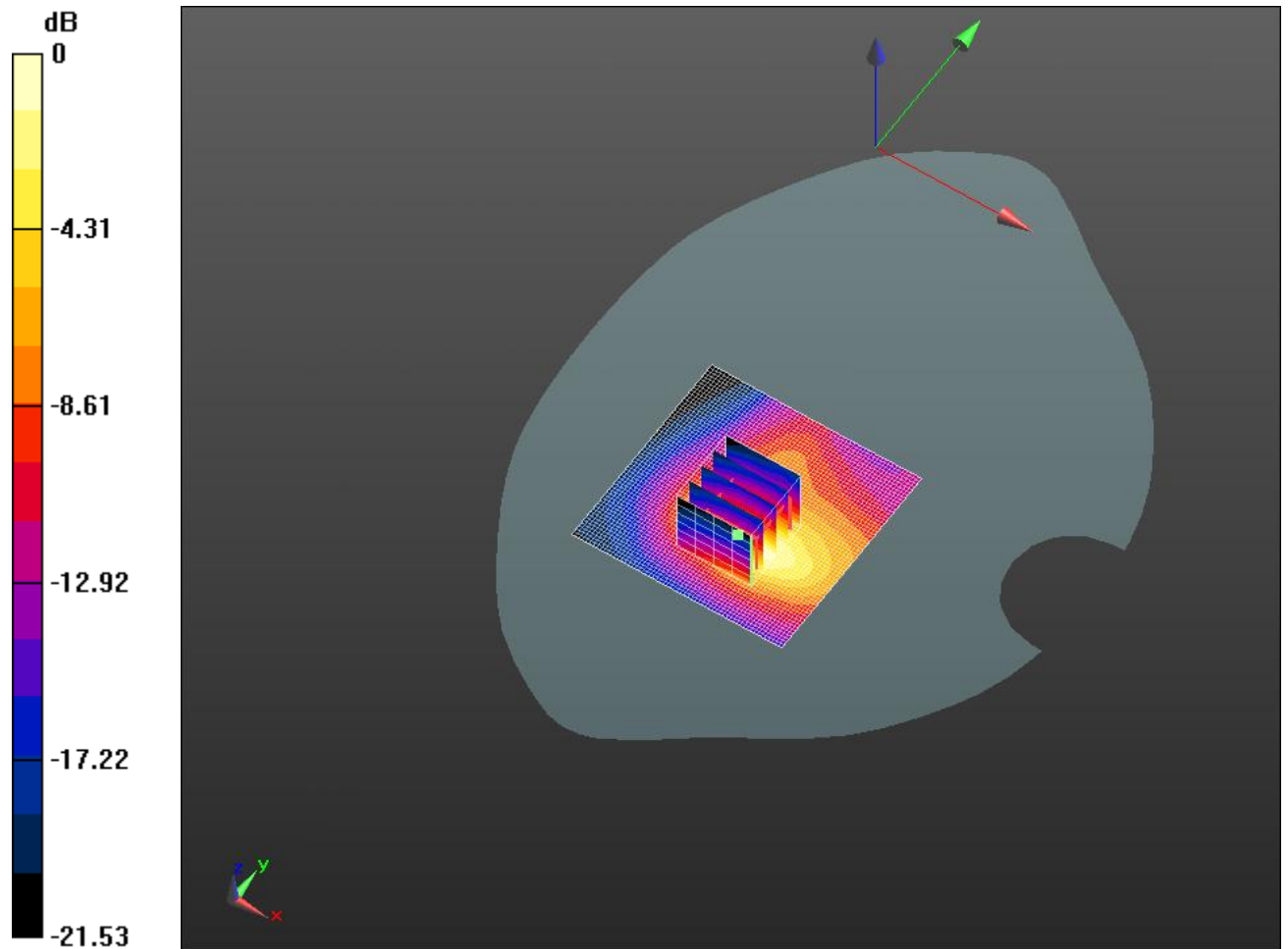
**Body/Back Mid-10mm 2 3/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.544 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.338 mW/g

**SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 0.764 W/kg



0 dB = 0.761 W/kg = -2.37 dB W/kg

Date: 2019.07.08.



## 1.1.24 LTE Band7 Body Back Side Mid 15mm

### Medium: MSL2600

Communication System: LTE-FDD(CE); Communication System Band: Band7; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.09$  mho/m;  $\epsilon_r = 50.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.5, 7.5, 7.5); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Back Mid-15mm 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 4.222 V/m; Power Drift = 0.13 dB

**Fast SAR: SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (interpolated) = 0.442 W/kg

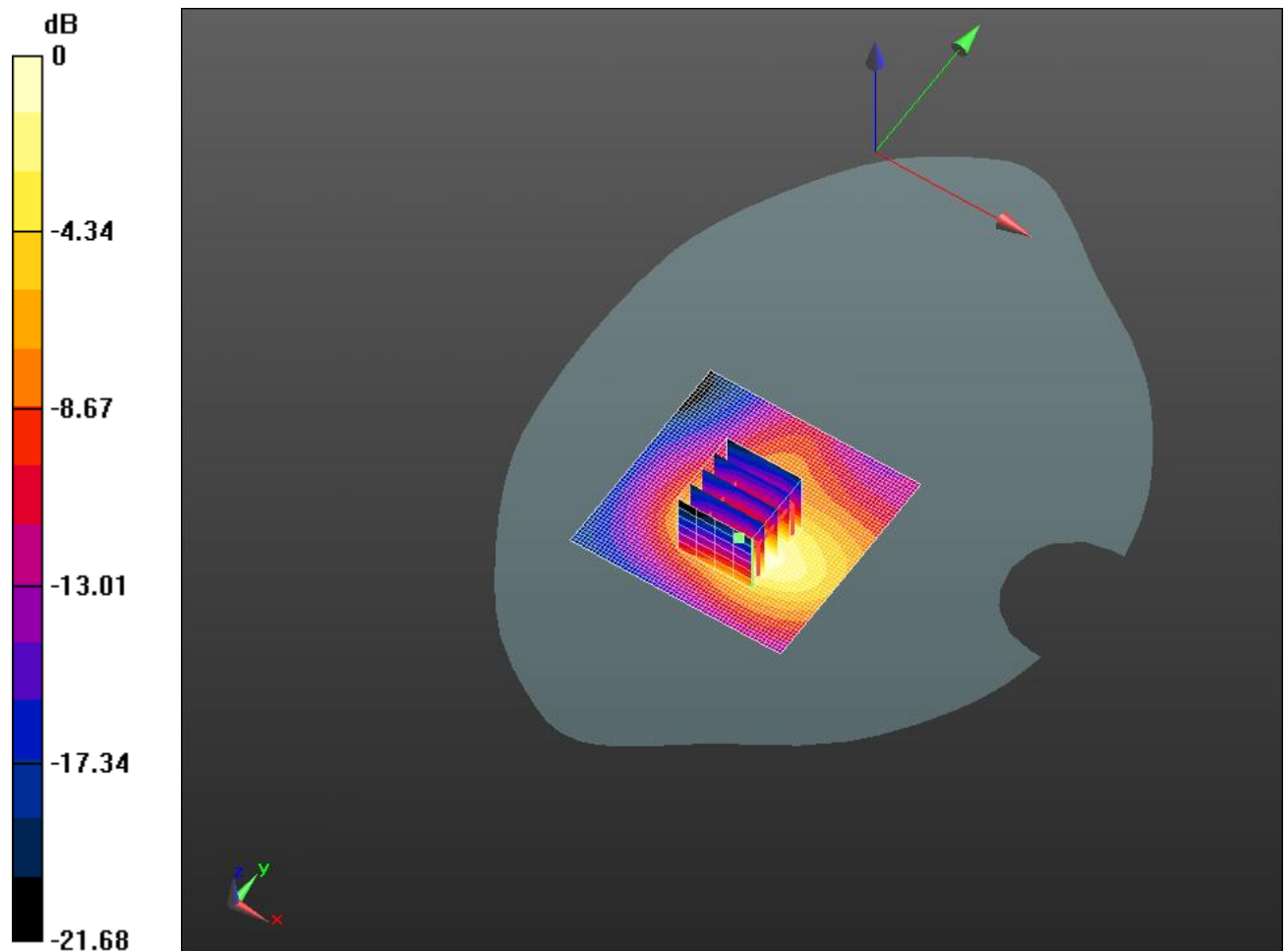
**Body/Back Mid-15mm 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.222 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.770 mW/g

**SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.208 mW/g**

Maximum value of SAR (measured) = 0.451 W/kg



0 dB = 0.442 W/kg = -7.10 dB W/kg

Date: 2019.07.01.

## 1.1.25 LTE Band12 Head Right Cheek Mid

### Medium: HSL750

Communication System: LTE-FDD(CE); Communication System Band: Band12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.858$  mho/m;  $\epsilon_r = 42.446$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Head Right/Cheek Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 7.744 V/m; Power Drift = -0.10 dB

**Fast SAR: SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (interpolated) = 0.265 W/kg

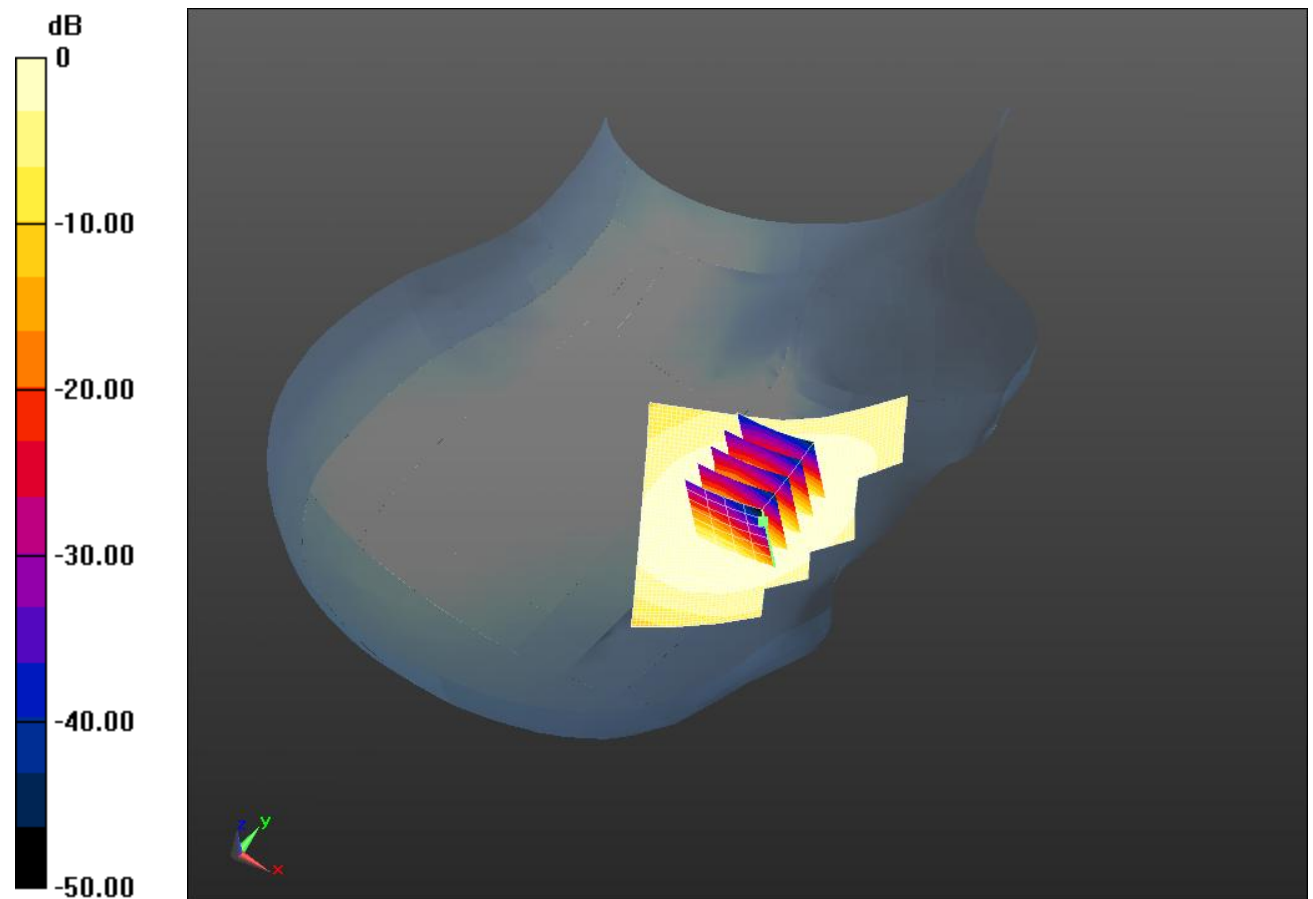
**Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.744 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.287 mW/g

**SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.261 W/kg



Date: 2019.07.01.

## 1.1.26 LTE Band12 Body Back Side Mid 10mm

### Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.858$  mho/m;  $\epsilon_r = 42.446$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 25.573 V/m; Power Drift = -0.02 dB

**Fast SAR: SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.392 mW/g**

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

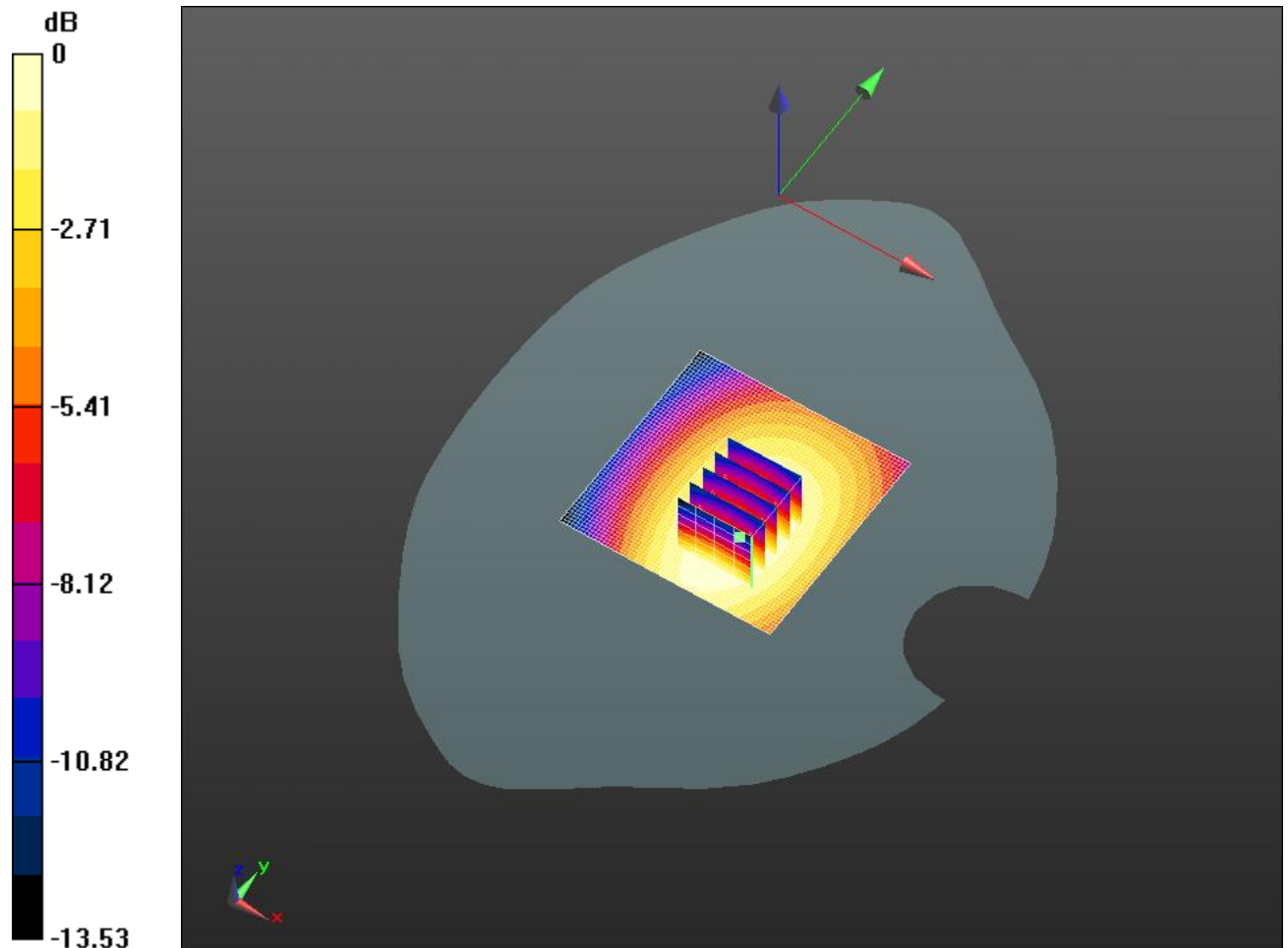
**Body/Facedown Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.573 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.699 mW/g

**SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.424 mW/g**

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



0 dB = 0.585 W/kg = -4.66 dB W/kg

Date: 2019.07.01.

## 1.1.27 LTE Band12 Body Back Side Mid 15mm

### Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band12; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.858$  mho/m;  $\epsilon_r = 42.446$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid-15MM/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 25.832 V/m; Power Drift = -0.10 dB

**Fast SAR: SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.396 mW/g**

Maximum value of SAR (interpolated) = 0.590 W/kg

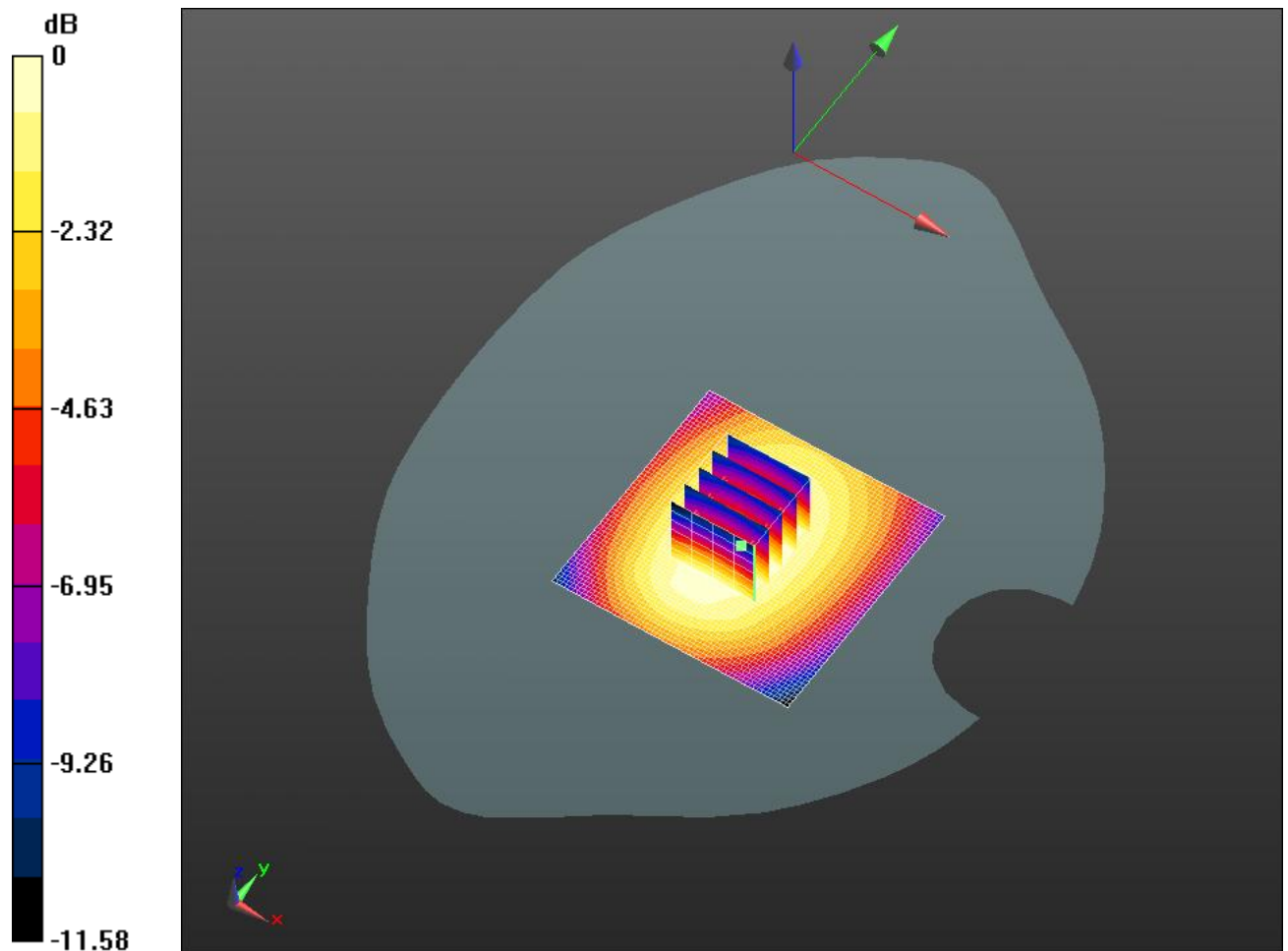
**Body/Facedown Mid-15MM/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.832 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.672 mW/g

**SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.409 mW/g**

Maximum value of SAR (measured) = 0.564 W/kg



0 dB = 0.590 W/kg = -4.58 dB W/kg

Date: 2019.07.01.

## 1.1.28 LTE Band13 Head Right Cheek Mid

### Medium: HSL750

Communication System: LTE-FDD(FCC); Communication System Band: Band13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.926$  mho/m;  $\epsilon_r = 41.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;  
Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**LTE Band13 Right Side/Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 6.109 V/m; Power Drift = 0.06 dB

**Fast SAR: SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.150 mW/g**

Maximum value of SAR (interpolated) = 0.225 W/kg

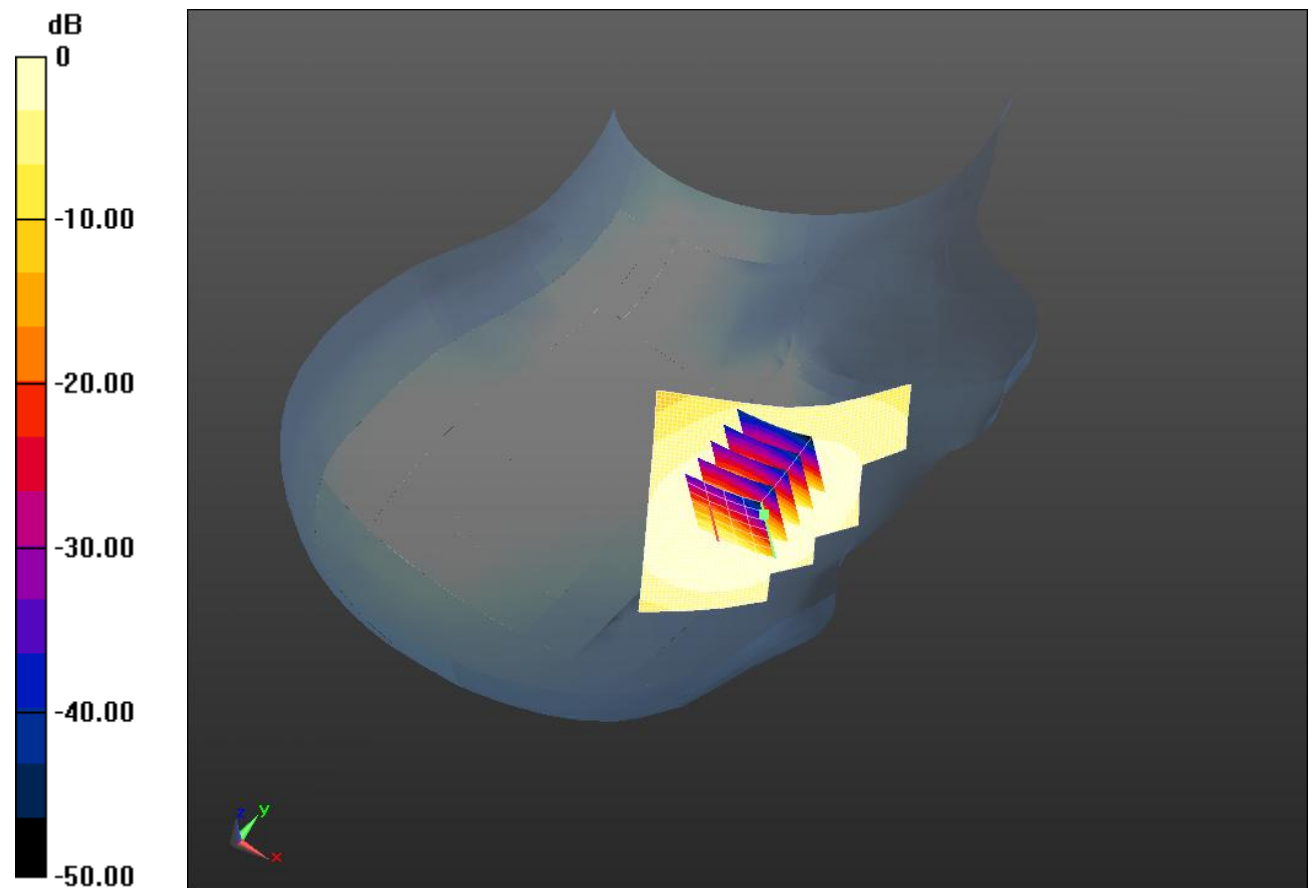
**LTE Band13 Right Side/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.109 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.259 mW/g

**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.225 W/kg = -12.97 dB W/kg

Date: 2019.07.01.

## 1.1.29 LTE Band13 Body Back Side Mid 10mm

### Medium: MSL750

Communication System: LTE-FDD(FCC); Communication System Band: Band13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.926$  mho/m;  $\epsilon_r = 41.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;  
Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**LTE Band13 Back/Back Mid10mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 25.185 V/m; Power Drift = -0.02 dB

**Fast SAR: SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.401 mW/g**

Maximum value of SAR (interpolated) = 0.600 W/kg

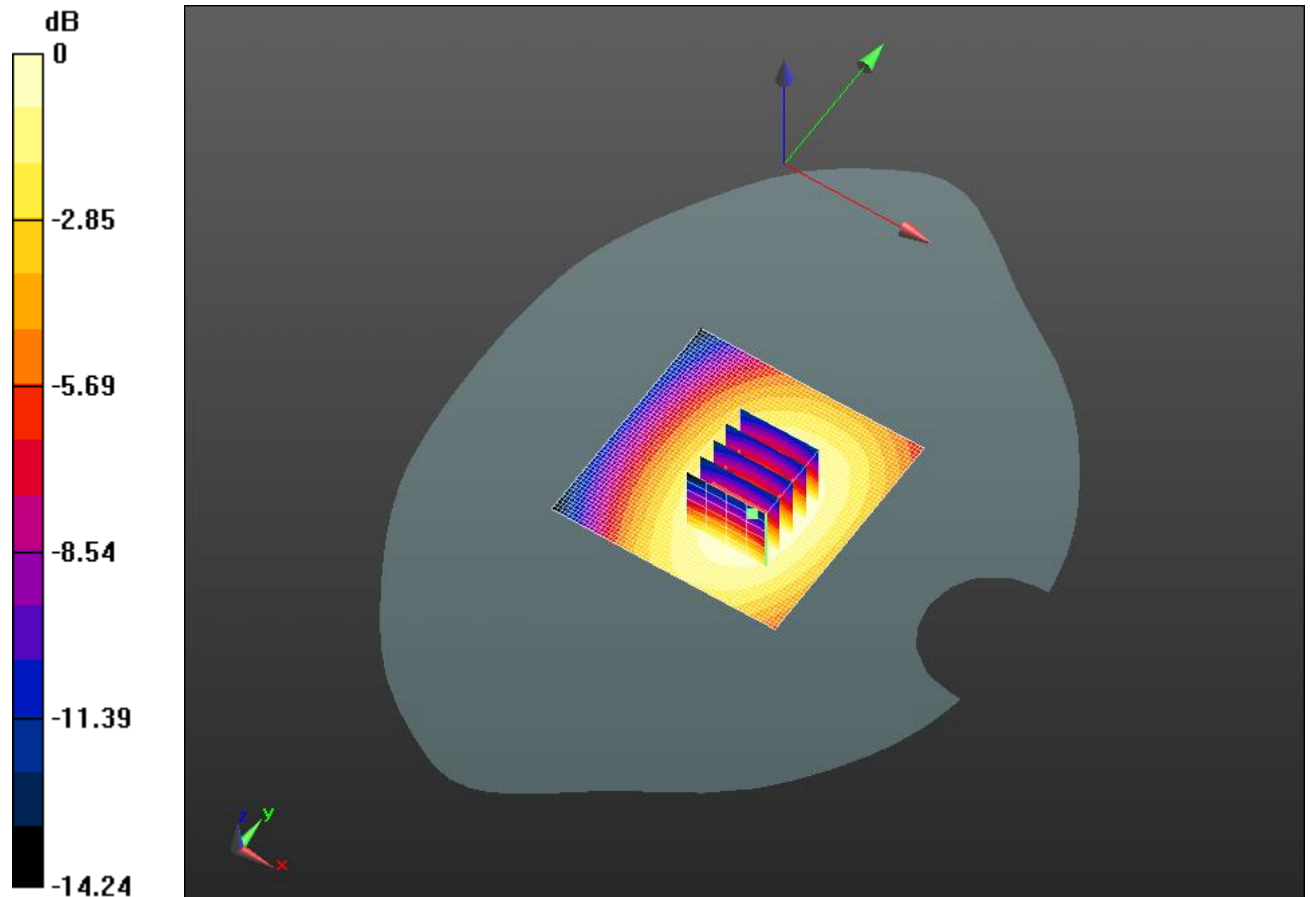
**LTE Band13 Back/Back Mid10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.185 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.715 mW/g

**SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.433 mW/g**

Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.600 W/kg = -4.43 dB W/kg

Date: 2019.07.01.

### 1.1.30 LTE Band13 Body Back Side Mid 15mm

**Medium: MSL750**

Communication System: LTE-FDD(FCC); Communication System Band: Band13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.926$  mho/m;  $\epsilon_r = 41.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**LTE Band13 Back/Back Mid15mm 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 23.374 V/m; Power Drift = -0.01 dB

**Fast SAR: SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (interpolated) = 0.509 W/kg

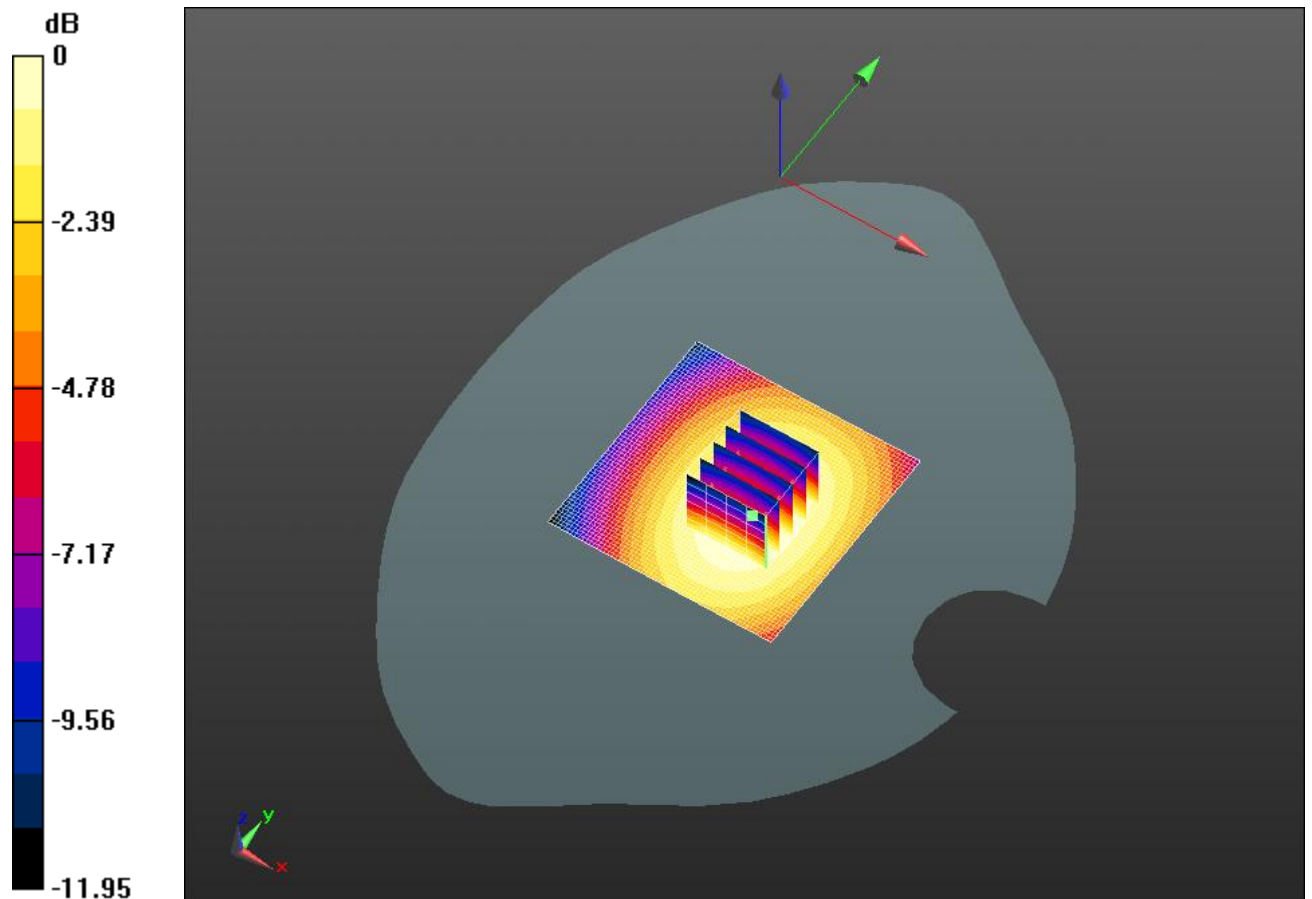
**LTE Band13 Back/Back Mid15mm 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.374 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.611 mW/g

**SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.365 mW/g**

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.509 W/kg = -5.86 dB W/kg

Date: 2019.07.01.

### 1.1.31 LTE Band17 Head Right Cheek Mid

**Medium: HSL750**

Communication System: LTE-FDD(CE); Communication System Band: Band17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 42.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Head Right/Cheek Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 7.680 V/m; Power Drift = -0.18 dB

**Fast SAR: SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (interpolated) = 0.290 W/kg

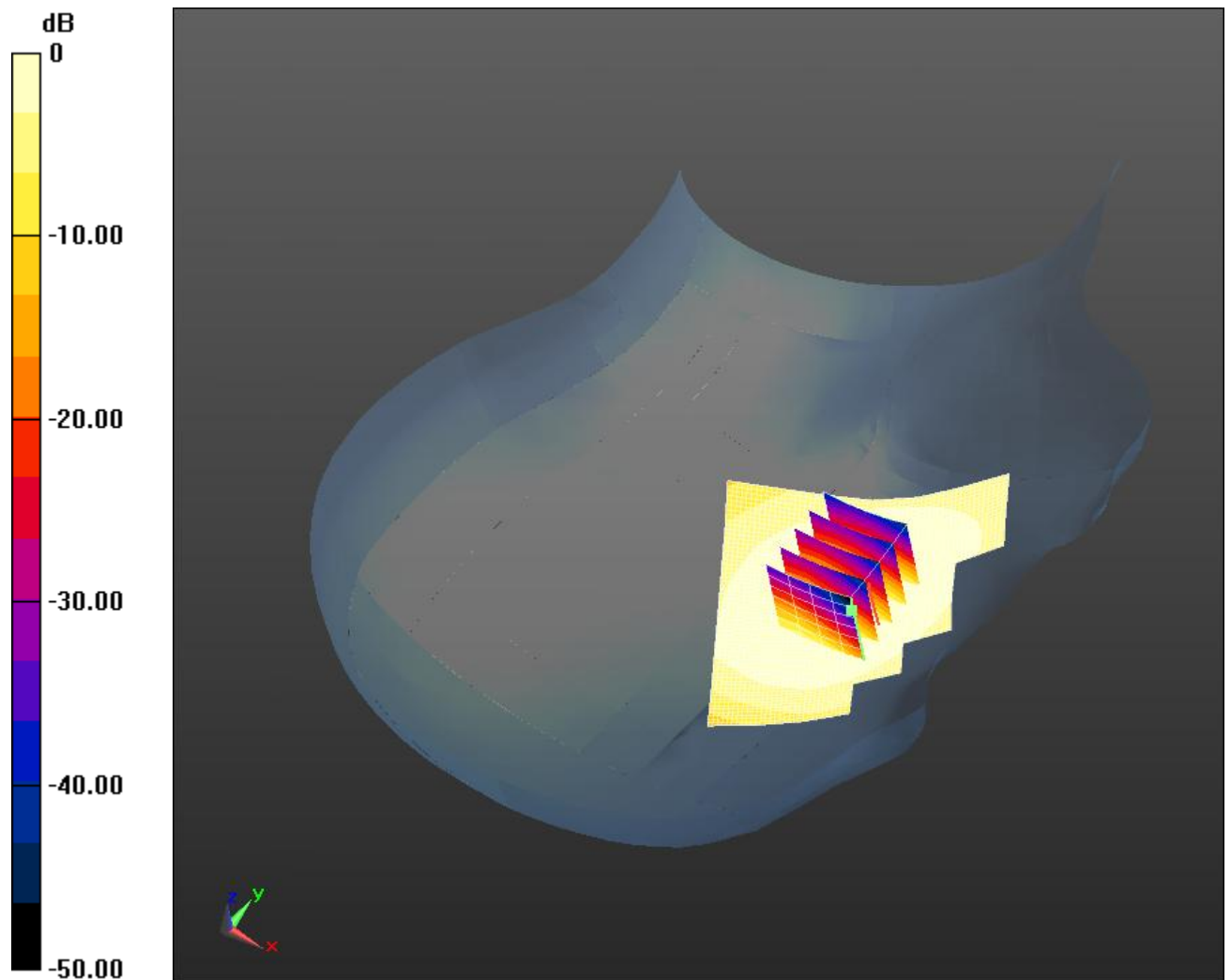
**Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.680 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.319 mW/g

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.222 mW/g**

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.290 W/kg = -10.75 dB W/kg

Date: 2019.07.01.



### 1.1.32 LTE Band17 Body Back Side Mid 10mm

#### Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 42.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;  
Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid 10mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 26.969 V/m; Power Drift = -0.02 dB

**Fast SAR: SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.423 mW/g**

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

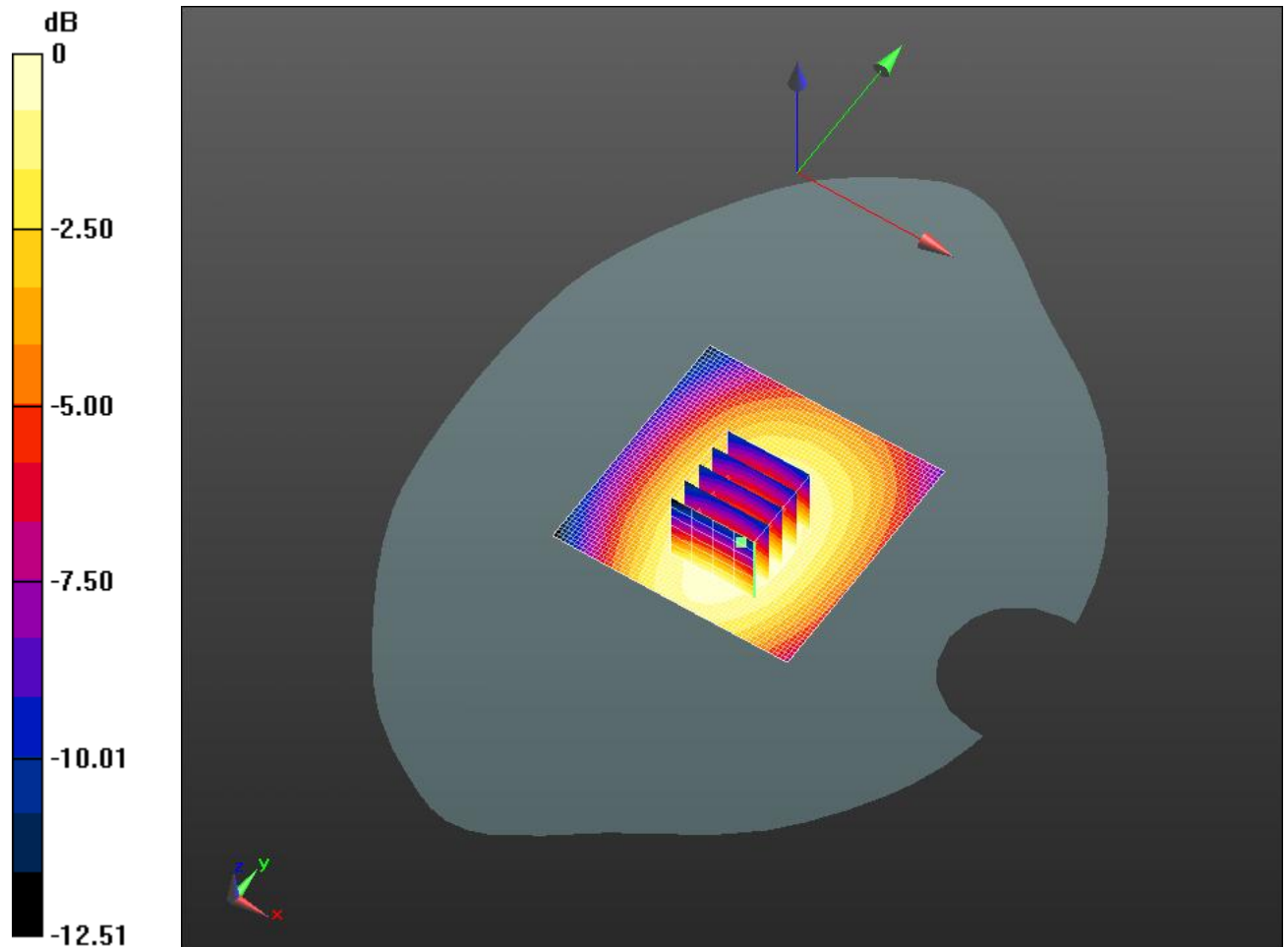
**Body/Facedown Mid 10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.969 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.753 mW/g

**SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.460 mW/g**

Maximum value of SAR (measured) = 0.633 W/kg



0 dB = 0.630 W/kg = -4.01 dB W/kg

Date: 2019.07.01.

### 1.1.33 LTE Band17 Body Back Side Mid 15mm

#### Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.86$  mho/m;  $\epsilon_r = 42.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.67, 9.67, 9.67); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid 15mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 23.553 V/m; Power Drift = -0.08 dB

**Fast SAR: SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.320 mW/g**

Maximum value of SAR (interpolated) = 0.477 W/kg

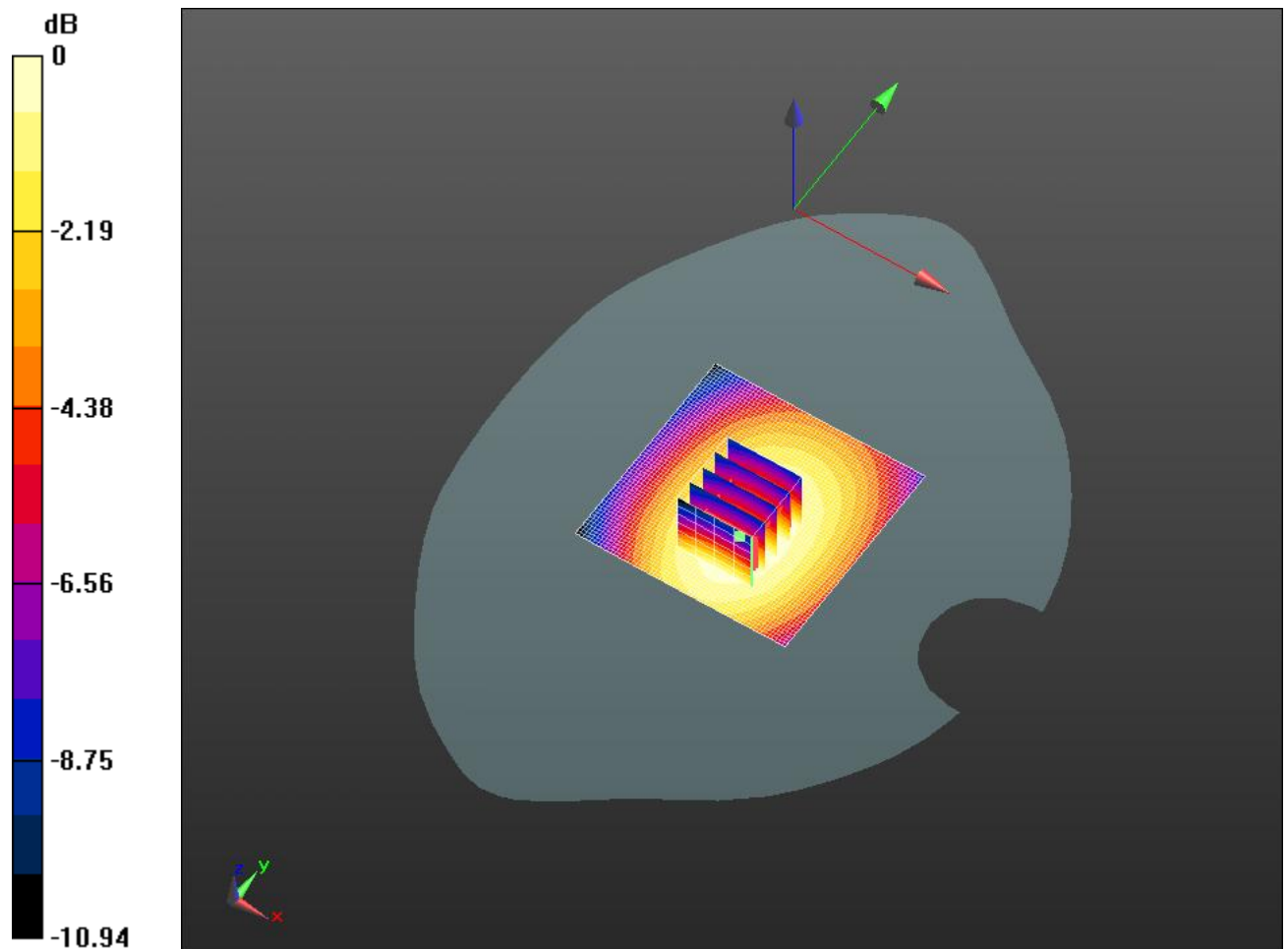
**Body/Facedown Mid 15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.553 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.563 mW/g

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.477 W/kg = -6.43 dB W/kg

Date: 2019.07.08.

## 1.1.34 LTE Band38 Head Right Cheek High

### Medium: HSL2600

Communication System: LTE-TDD; Communication System Band: Band38; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.26, 7.26, 7.26); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Head Right/Cheek High/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 15.683 V/m; Power Drift = -0.20 dB

**Fast SAR: SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.243 mW/g**

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

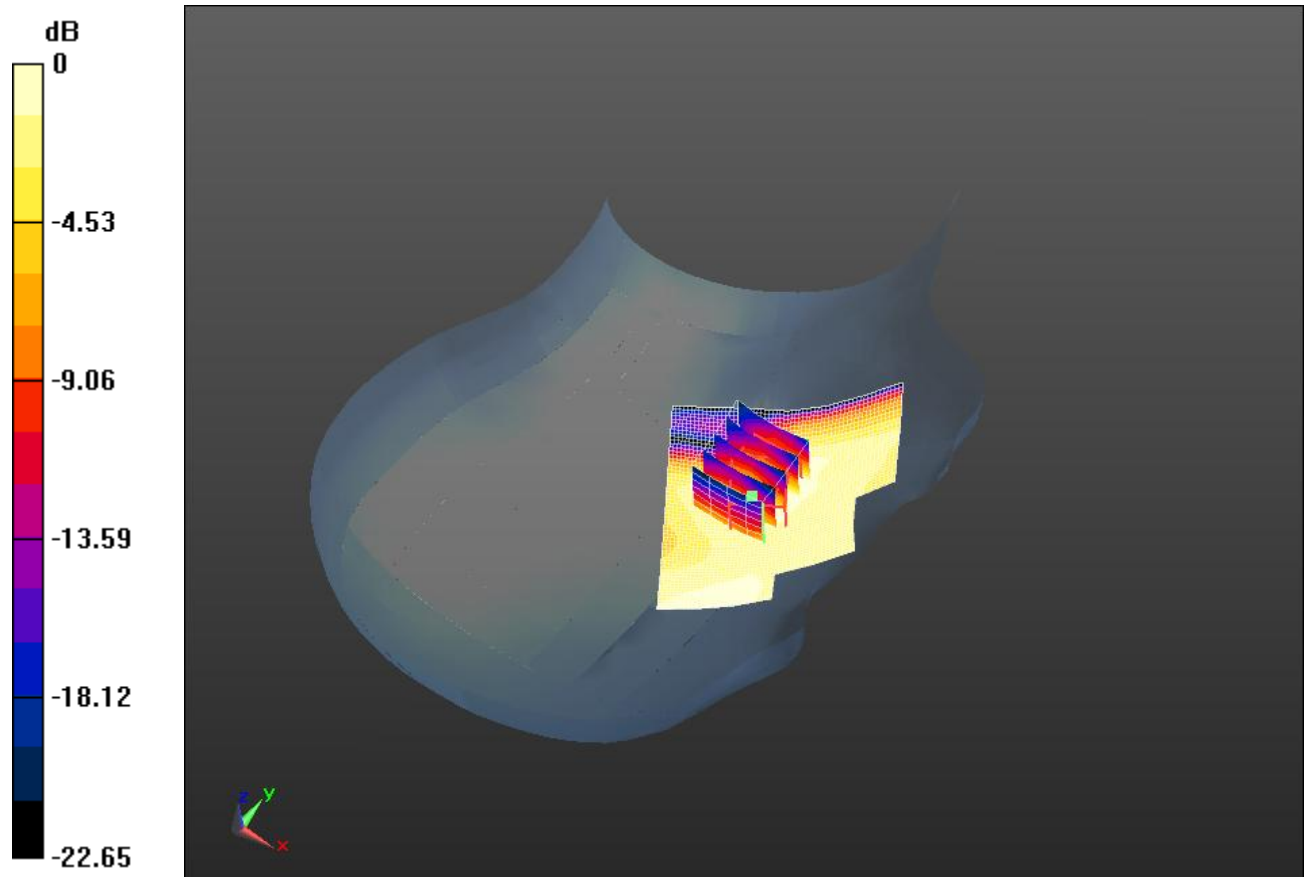
**Head Right/Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.683 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.735 mW/g

**SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.226 mW/g**

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.426 W/kg = -7.40 dB W/kg

Date: 2019.07.08.

### 1.1.35 LTE Band38 Body Front Side High 10mm

#### Medium: HSL2600

Communication System: LTE-TDD; Communication System Band: Band38; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.2, 7.2, 7.2); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Front High/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 19.208 V/m; Power Drift = 0.10 dB

**Fast SAR: SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.403 mW/g**

Maximum value of SAR (interpolated) = 0.975 W/kg

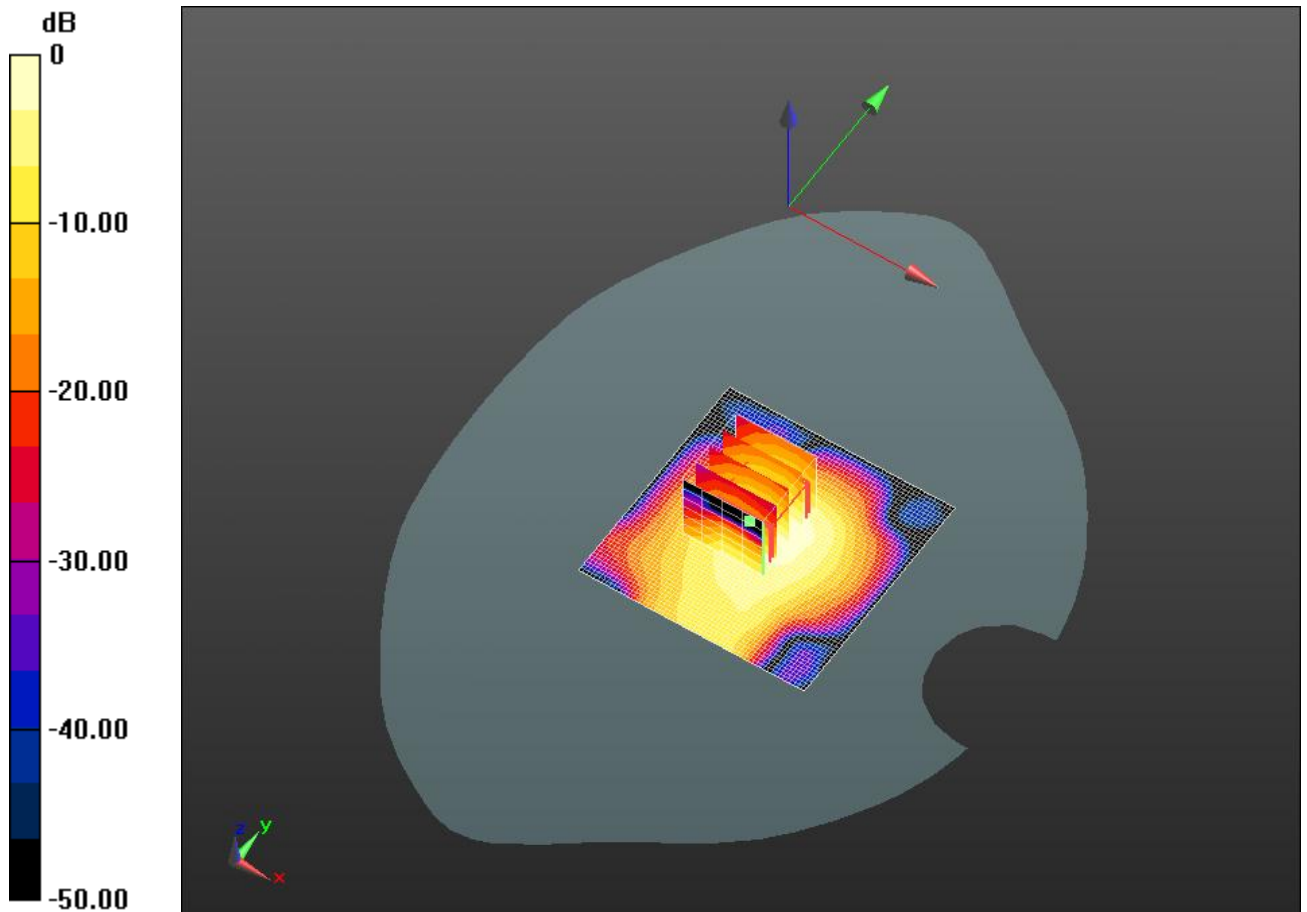
**Body/Front High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.208 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.224 mW/g

**SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.391 mW/g**

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



0 dB = 0.975 W/kg = -0.22 dB W/kg

Date: 2019.07.08.

### 1.1.36 LTE Band38 Body Front Side High 15mm

#### Medium: HSL2600

Communication System: LTE-TDD; Communication System Band: Band38; Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.2, 7.2, 7.2); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Front High-15mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 21.932 V/m; Power Drift = 0.11 dB

**Fast SAR: SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.392 mW/g**

Maximum value of SAR (interpolated) = 0.709 W/kg

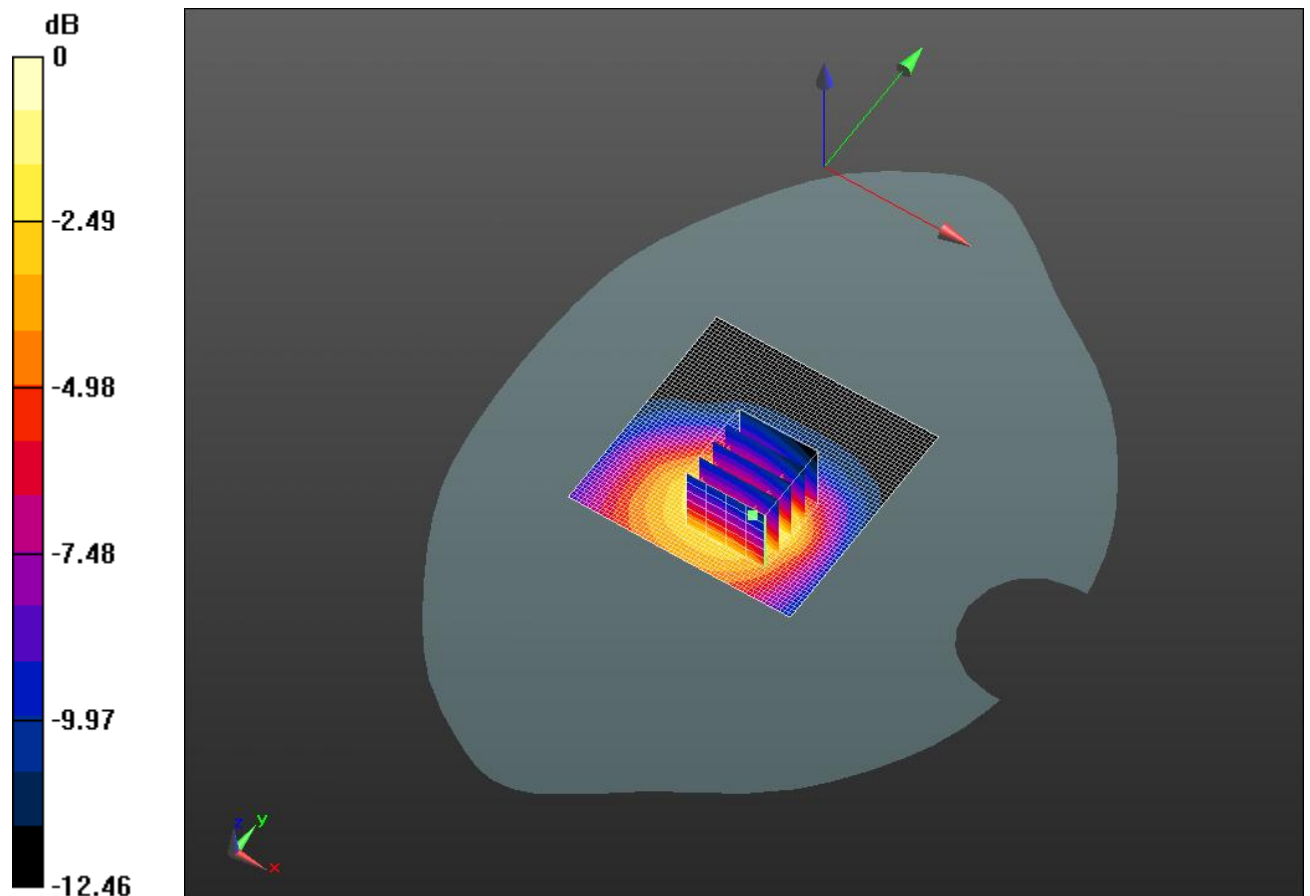
**Body/Front High-15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.932 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.240 mW/g

**SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.382 mW/g**

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.709 W/kg = -2.99 dB W/kg

Date: 2019.07.08.

### 1.1.37 LTE Band41 Head Right Cheek Mid

**Medium: HSL2600**

Communication System: LTE-TDD; Communication System Band: Band41; Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.2, 7.2, 7.2); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Head Right/Cheek Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 1.211 V/m; Power Drift = 0.07 dB

**Fast SAR: SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (interpolated) = 0.111 W/kg

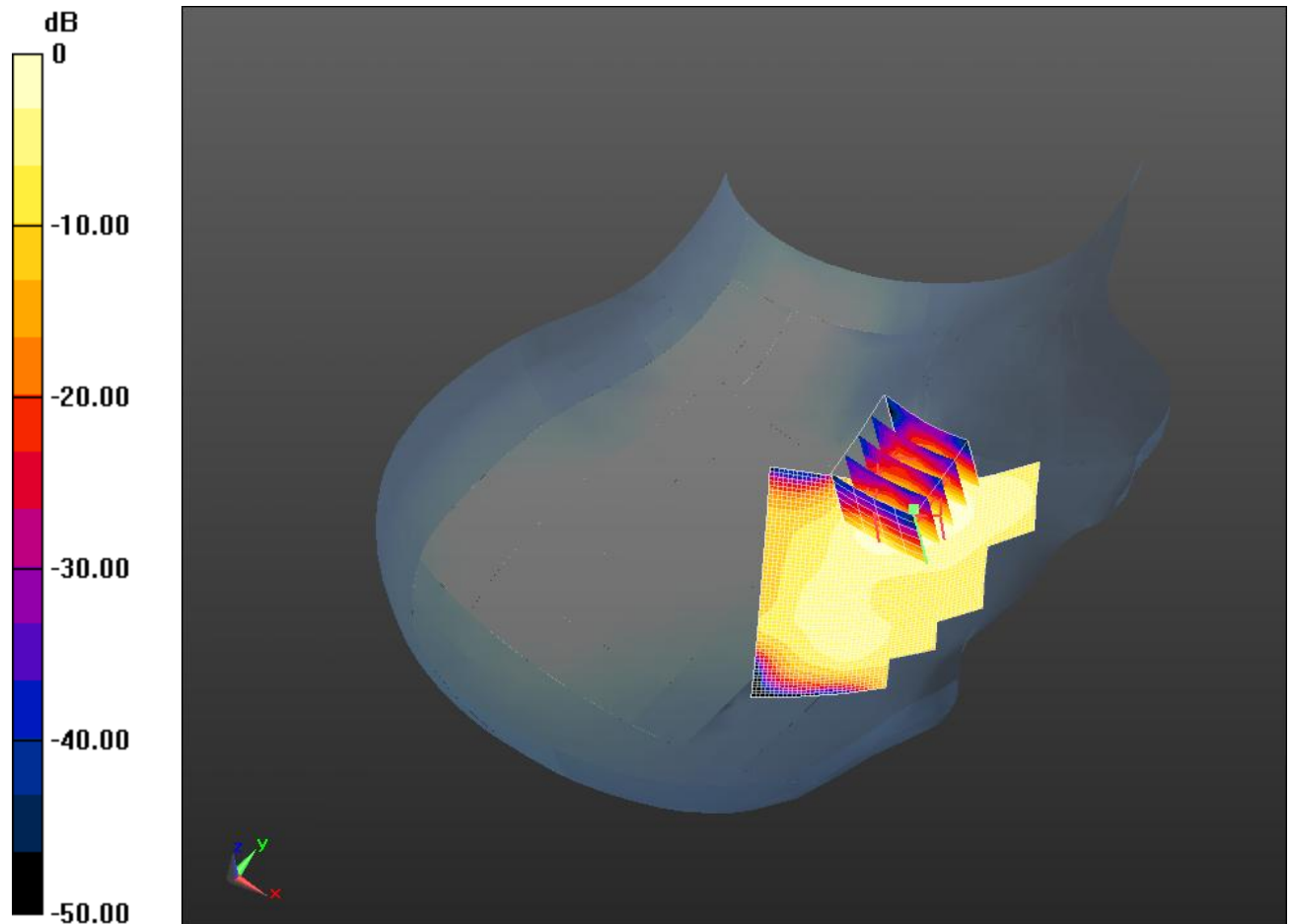
**Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.211 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.165 mW/g

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.111 W/kg = -19.06 dB W/kg

Date: 2019.07.08.

### 1.1.38 LTE Band41 Body Back Side Mid 10mm

**Medium: MSL2600**

Communication System: LTE-TDD; Communication System Band: Band41; Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.09$  mho/m;  $\epsilon_r = 50.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.26, 7.26, 7.26); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid-10mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 1.855 V/m; Power Drift = 0.09 dB

**Fast SAR: SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (interpolated) = 0.167 W/kg

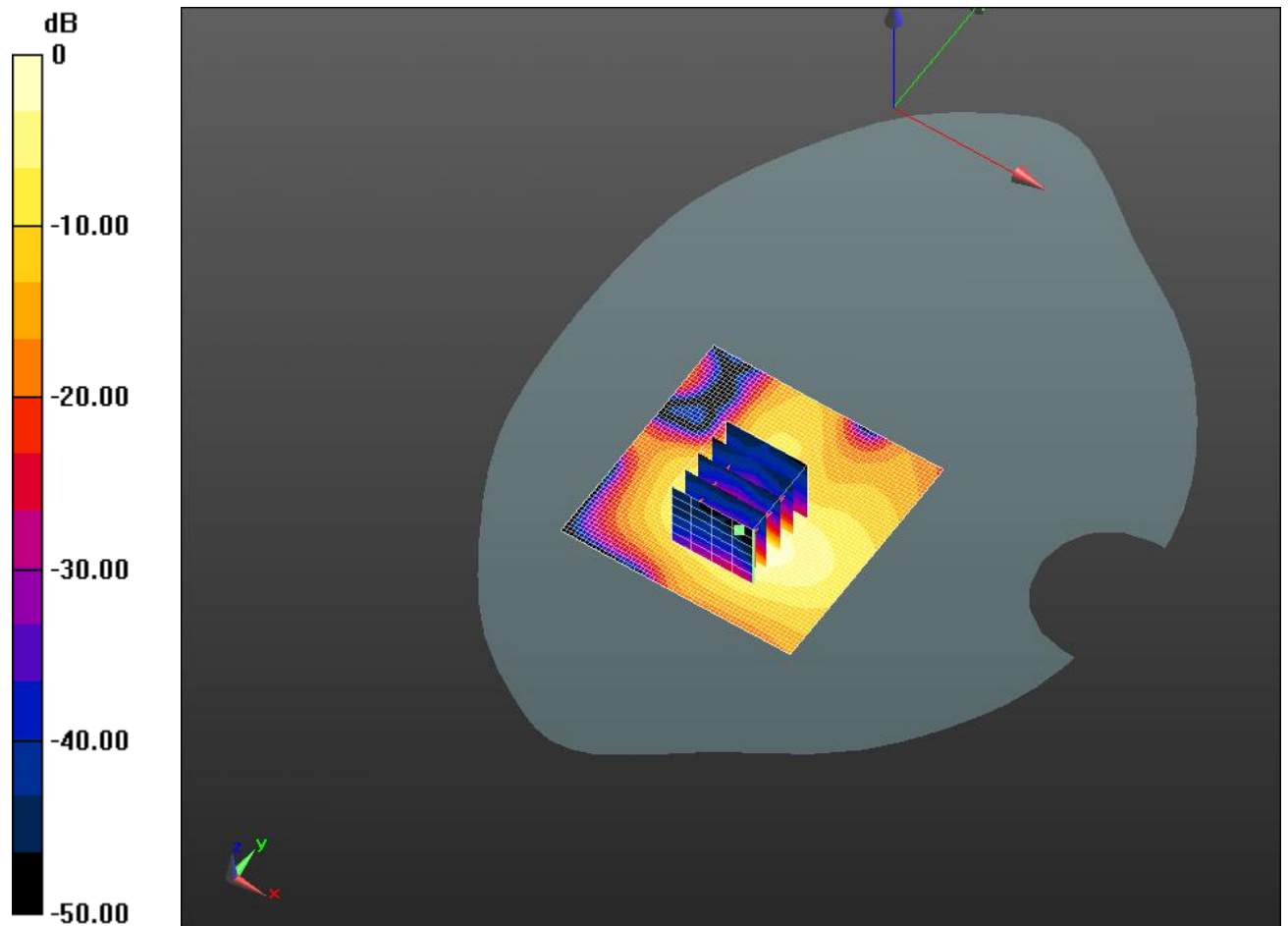
**Body/Facedown Mid-10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.855 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.345 mW/g

**SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.081 mW/g**

Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.167 W/kg = -15.53 dB W/kg

Date: 2019.07.08.

### 1.1.39 LTE Band41 Body Back Side Mid 15mm

#### Medium: MSL2600

Communication System: LTE-TDD; Communication System Band: Band41; Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.09$  mho/m;  $\epsilon_r = 50.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.26, 7.26, 7.26); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**Body/Facedown Mid-15mm 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 1.413 V/m; Power Drift = 0.17 dB

**Fast SAR: SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (interpolated) = 0.106 W/kg

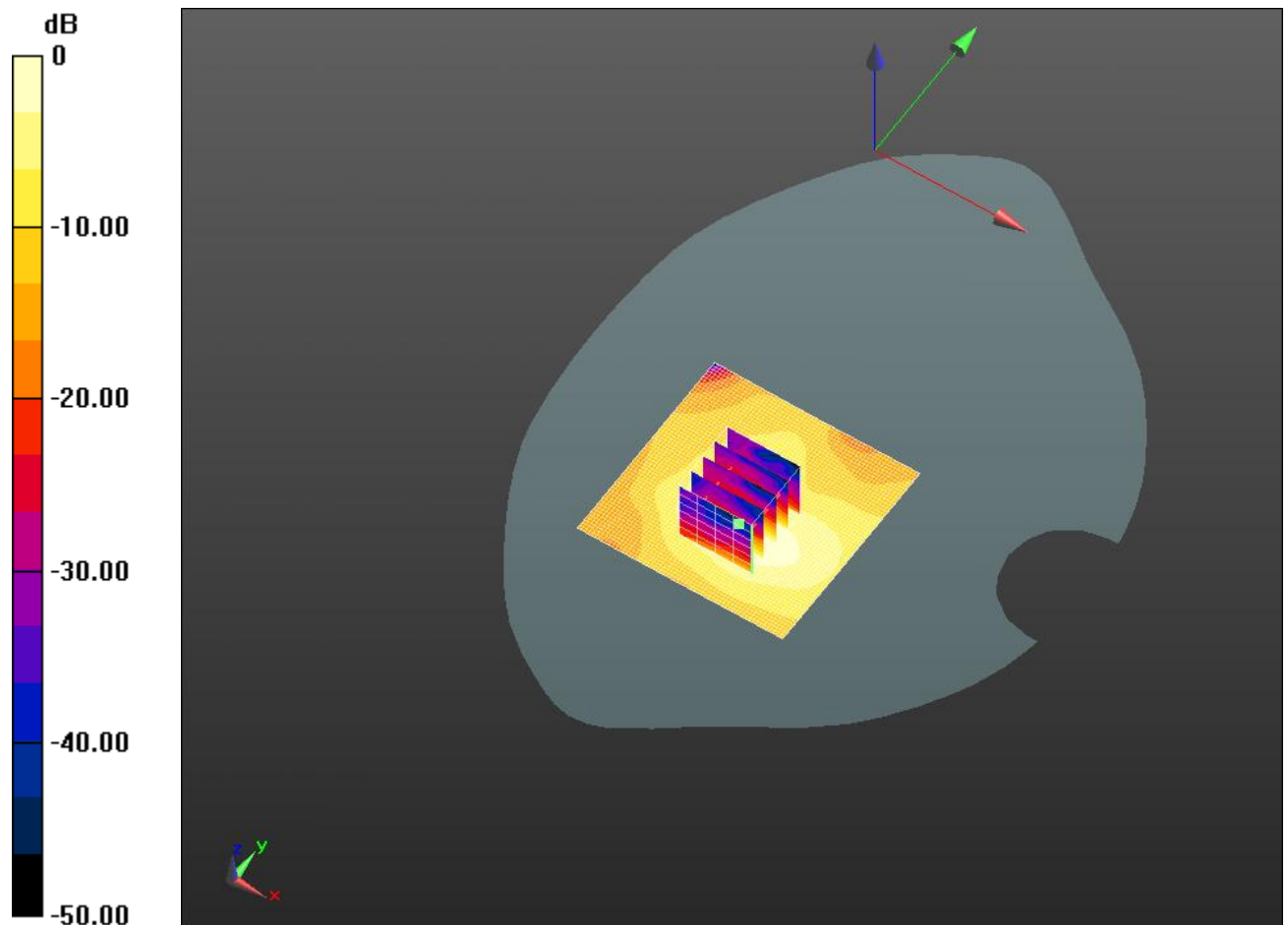
**Body/Facedown Mid-15mm 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.413 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.191 mW/g

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.106 W/kg = -19.48 dB W/kg

Date: 2019.07.05.



## 1.1.40 WiFi123 Head Right Cheek Mid

### Medium: HSL2450

Communication System: WiFi 802.11 n; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.829$  mho/m;  $\epsilon_r = 38.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.41, 7.41, 7.41); Calibrated: 2019.03.25.;  
Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**802.11b-rightHead/right Cheek-Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 7.332 V/m; Power Drift = -0.18 dB

**Fast SAR: SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (interpolated) = 0.148 W/kg

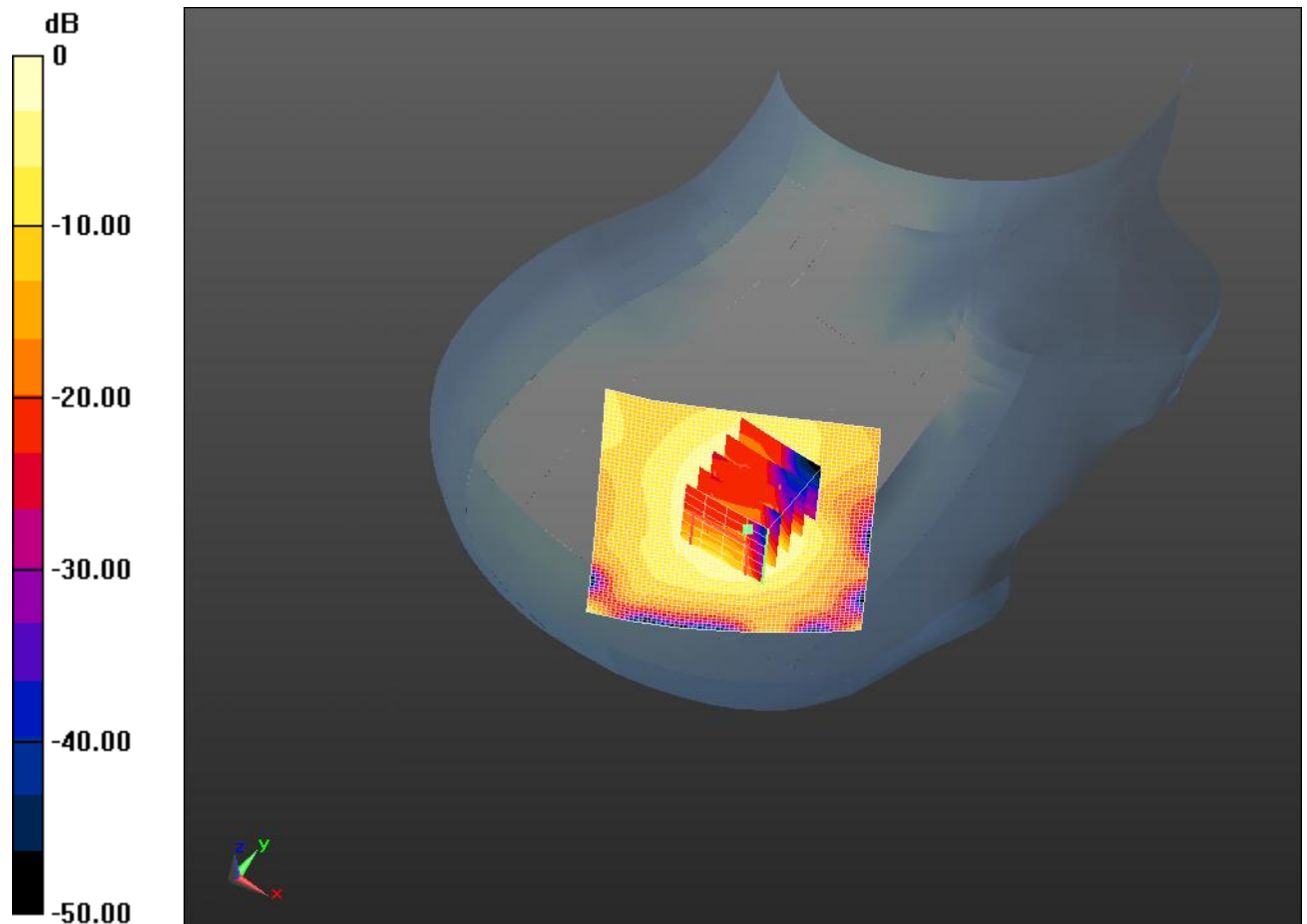
**802.11b-rightHead/right Cheek-Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.332 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.355 mW/g

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.084 mW/g**

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.148 W/kg = -16.58 dB W/kg

Date: 2019.07.05.

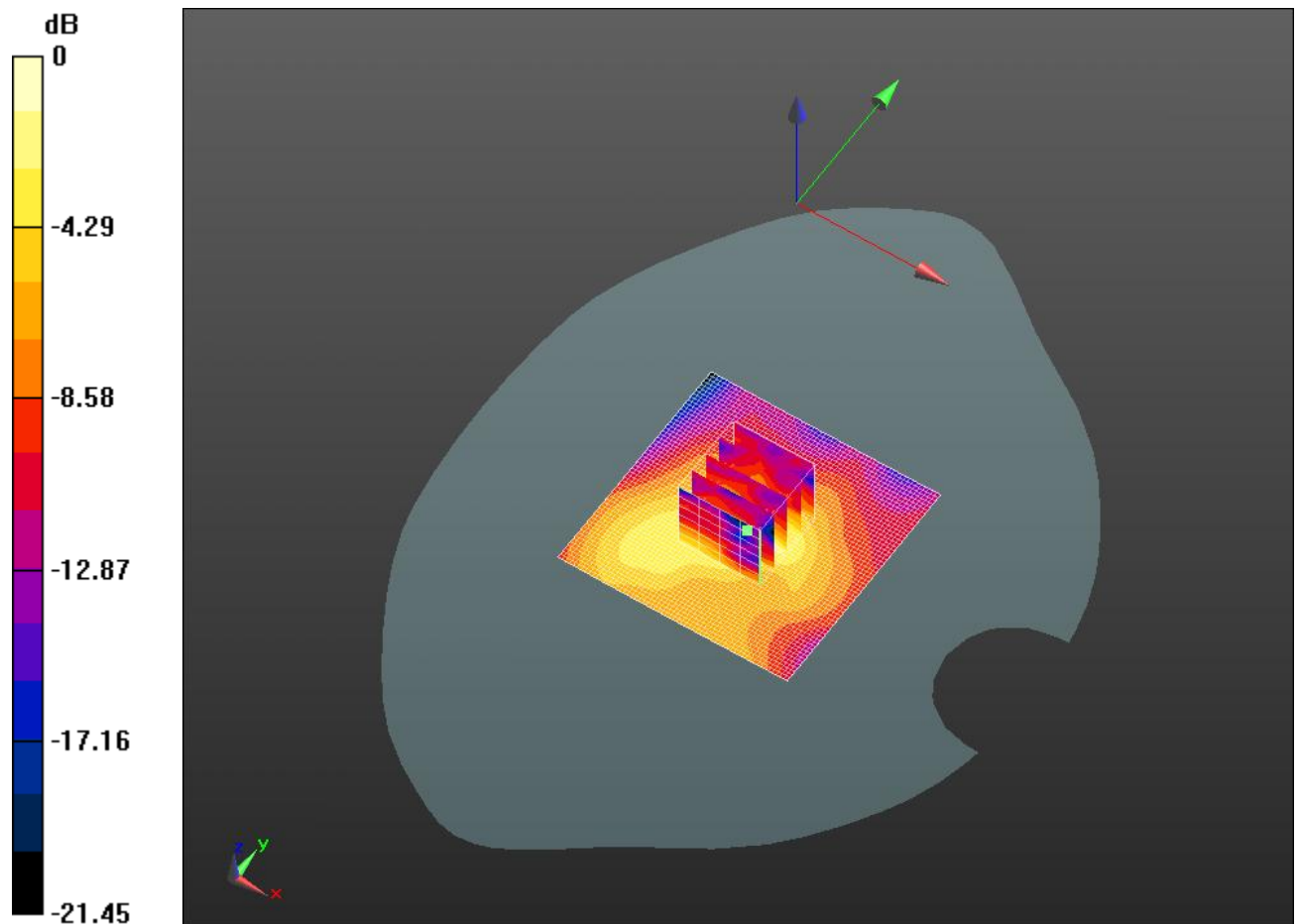
## 1.1.41 WiFi123-0 Body Back Side Mid 10mm

### Medium: MSL2450

Communication System: WiFi 802.11 n; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.013$  mho/m;  $\epsilon_r = 50.739$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.5, 7.5, 7.5); Calibrated: 2019.03.25.;  
Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**802.11b-5mm/Facedown-Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Reference Value = 4.279 V/m; Power Drift = 0.13 dB  
**Fast SAR: SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.021 mW/g**  
Maximum value of SAR (interpolated) = 0.0566 W/kg

**802.11b-5mm/Facedown-Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.279 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 0.102 mW/g  
**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.023 mW/g**  
Maximum value of SAR (measured) = 0.0586 W/kg



0 dB = 0.0566 W/kg = -24.94 dB W/kg

Date: 2019.07.05.

## 1.1.42 WiFi123-0 Body Back Side Mid 15mm

### Medium: MSL2450

Communication System: WiFi 802.11 n; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.013$  mho/m;  $\epsilon_r = 50.739$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)  
DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.5, 7.5, 7.5); Calibrated: 2019.03.25.;  
Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**802.11b-5mm/Facedown-Mid -15mm/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 3.039 V/m; Power Drift = 0.03 dB

**Fast SAR: SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.012 mW/g.**

Maximum value of SAR (interpolated) = 0.0310 W/kg

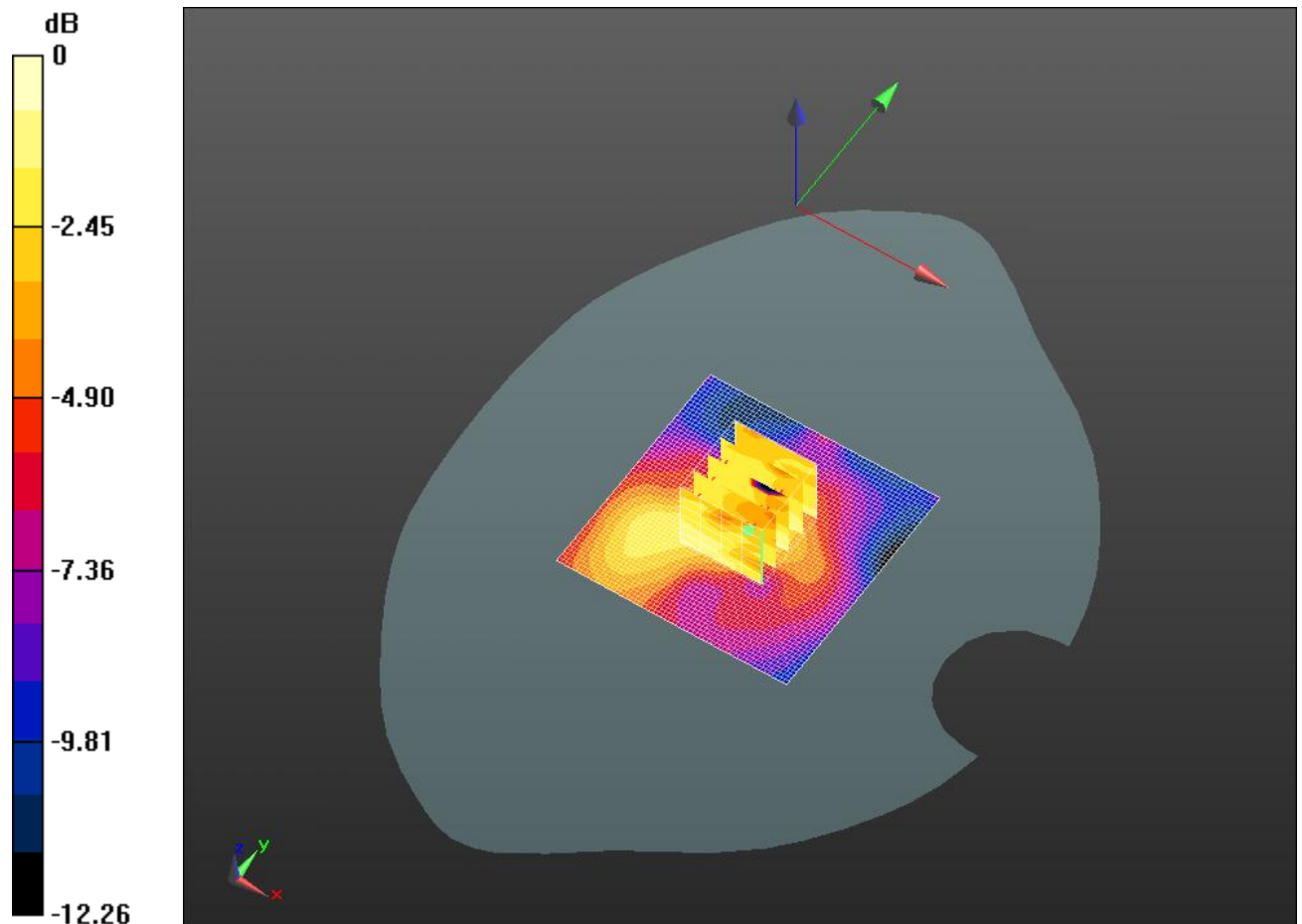
**802.11b-5mm/Facedown-Mid -15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.039 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.046 mW/g

**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.0313 W/kg



0 dB = 0.0310 W/kg = -30.17 dB W/kg

Date: 2019.07.09.

### 1.1.43 5.2G(802.11a)WiF Head Right Cheek CH36

#### Medium: HSL 5G

Communication System: 5G; Communication System Band: 5.2G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.73$  mho/m;  $\epsilon_r = 35.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(5.28, 5.28, 5.28); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**36-Right Head/right Cheek/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 3.539 V/m; Power Drift = 0.08 dB

**Fast SAR: SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (interpolated) = 0.570 W/kg

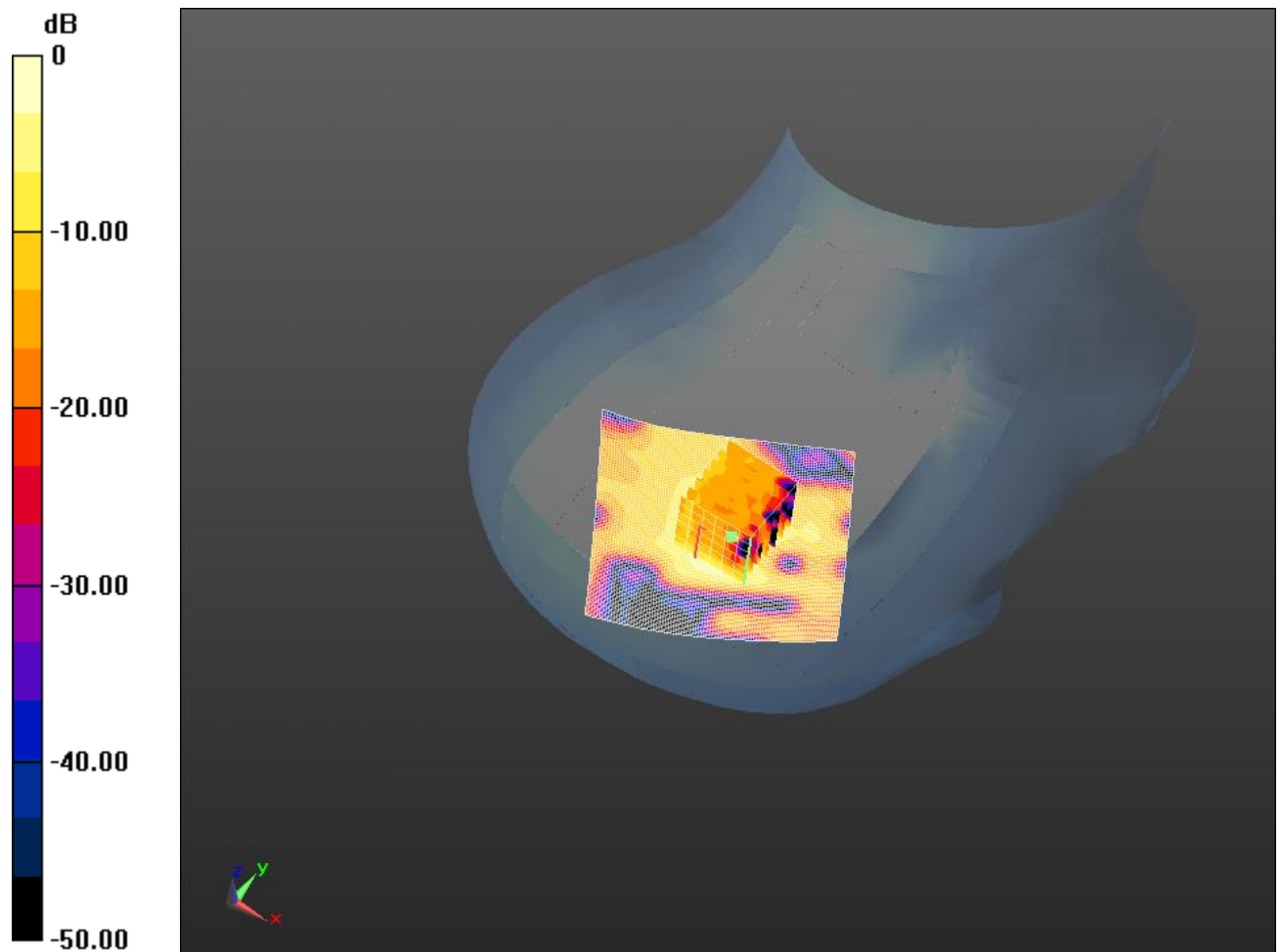
**36-Right Head/right Cheek/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.539 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.040 mW/g

**SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.570 W/kg = -4.89 dB W/kg

Date: 2019.07.09.

## 1.1.44 5.2G(802.11a)WiF Body Back Side ch36 10mm

### Medium: MSL 3-6 GHz

Communication System: 5G; Communication System Band: 5.2G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.3$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(4.82, 4.82, 4.82); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**36/Facedown-10mm 2/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 5.632 V/m; Power Drift = -0.16 dB

**Fast SAR: SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (interpolated) = 0.408 W/kg

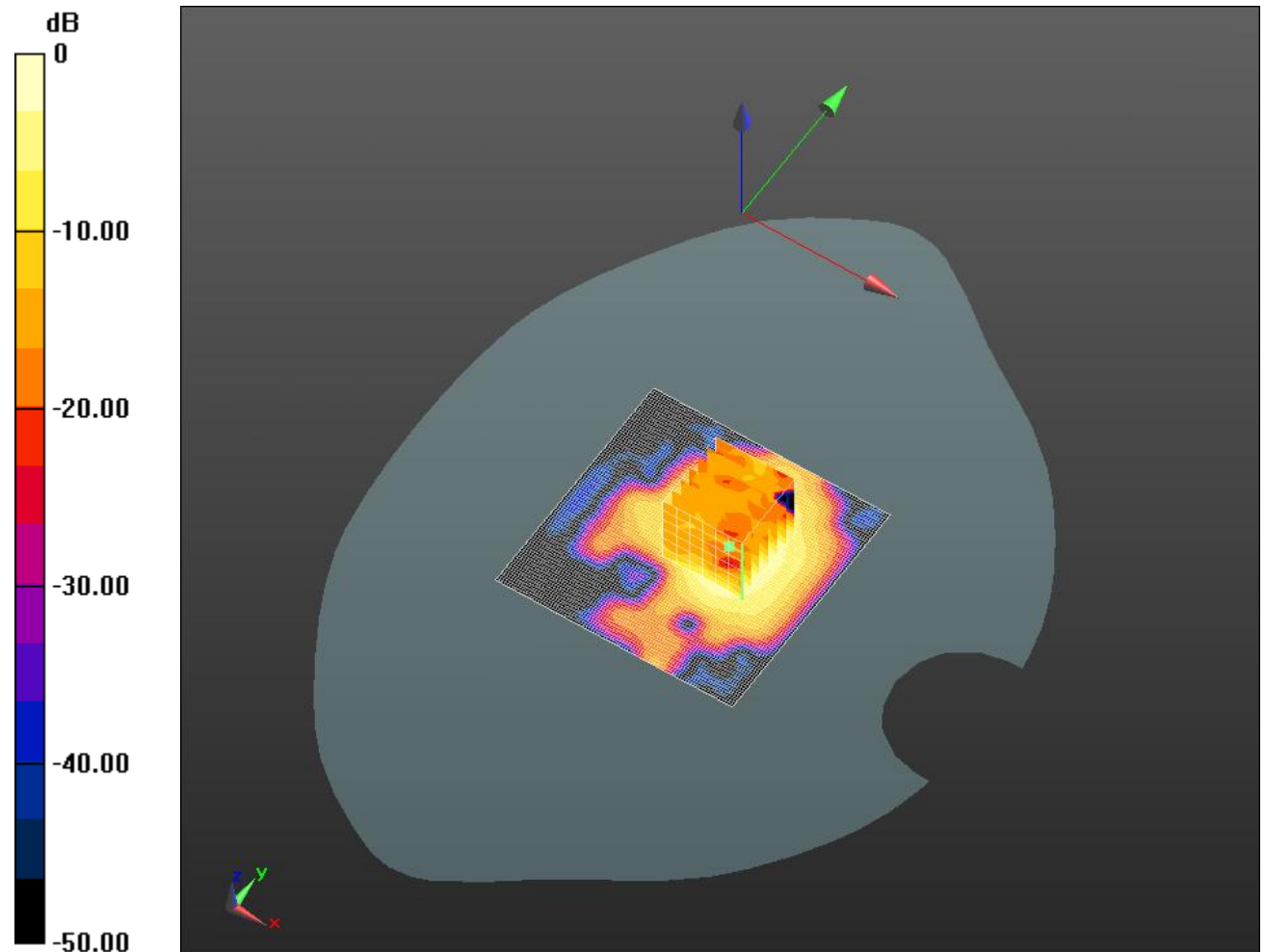
**36/Facedown-10mm 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.632 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.964 mW/g

**SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.158 mW/g**

Maximum value of SAR (measured) = 0.421 W/kg



0 dB = 0.408 W/kg = -7.80 dB W/kg

Date: 2019.07.09.

## 1.1.45 5.2G(802.11a)WiF Body Back Side ch36 15mm

### Medium: MSL 3-6 GHz

Communication System: 5G; Communication System Band: 5.2G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.3$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(4.82, 4.82, 4.82); Calibrated: 2019.03.25.;

Electronics: DAE4 Sn876; Calibrated: 2019.03.19.

**36/Facedown-15mm 2 2/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 5.226 V/m; Power Drift = 0.04 dB

**Fast SAR: SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (interpolated) = 0.267 W/kg

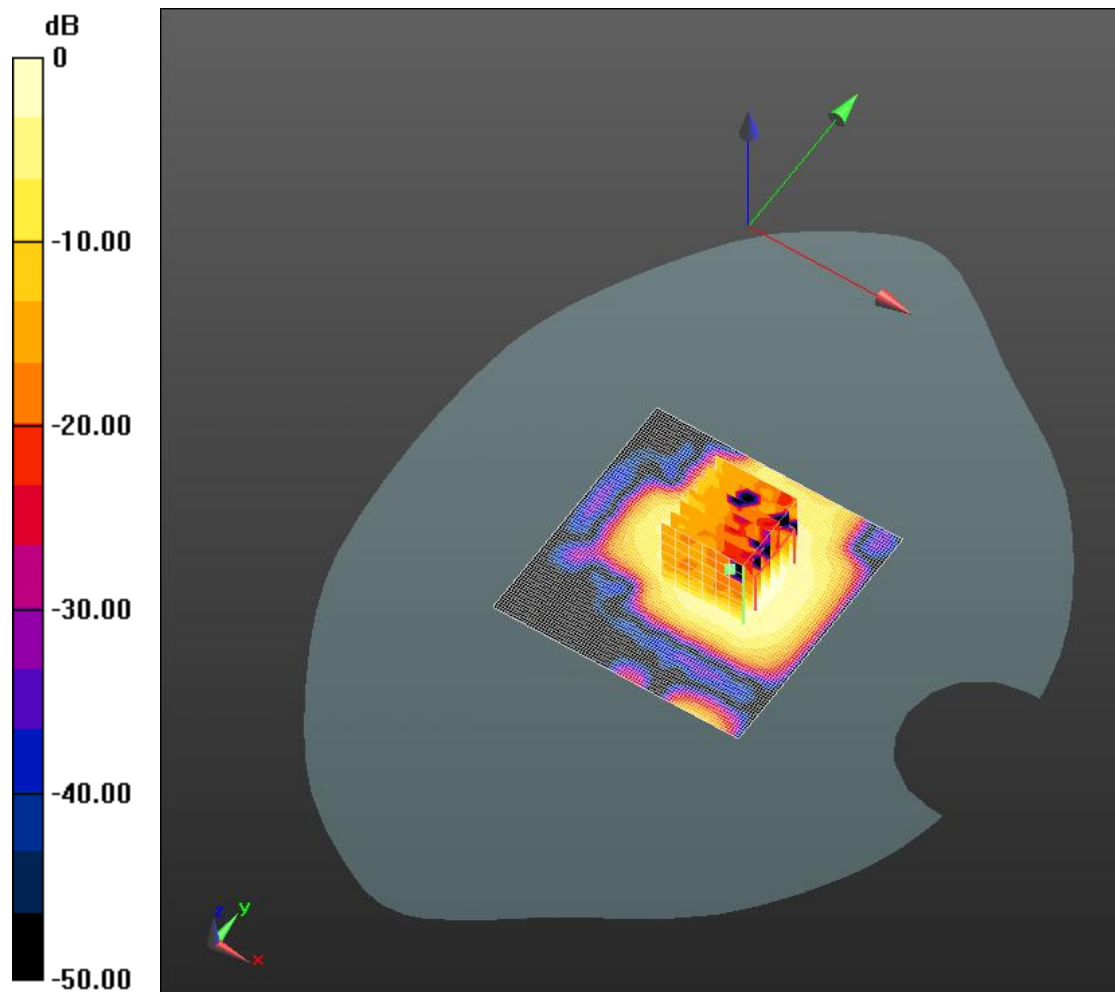
**36/Facedown-15mm 2 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.226 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.002 mW/g

**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.125 mW/g**

Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.267 W/kg = -11.46 dB W/kg