



# Appendix B

## Detailed Test Results

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Test Laboratory: SGS-SAR Lab

## TA-1337 GSM850 GSM 190CH Right cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 40.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.269 W/kg

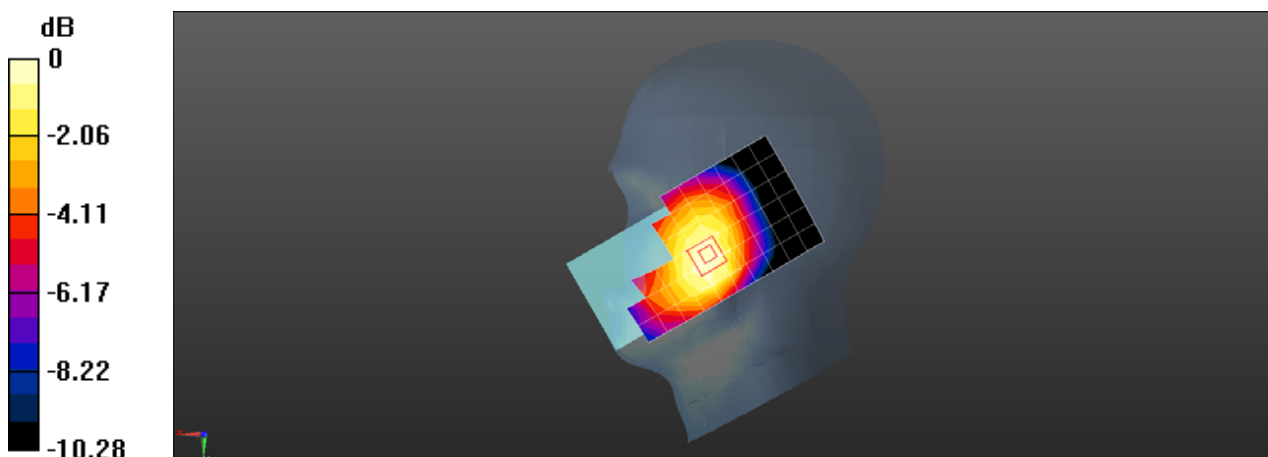
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.887 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 GSM850 GSM 190CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 40.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.554 W/kg

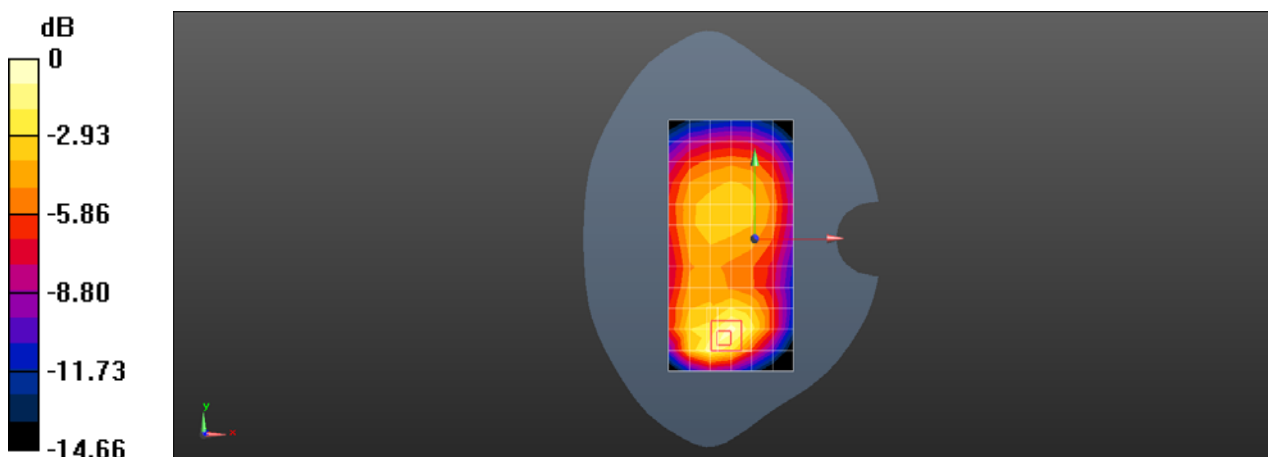
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.23 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.787 W/kg

**SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 GSM850 GPRS 4TS 190CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 40.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.522 W/kg

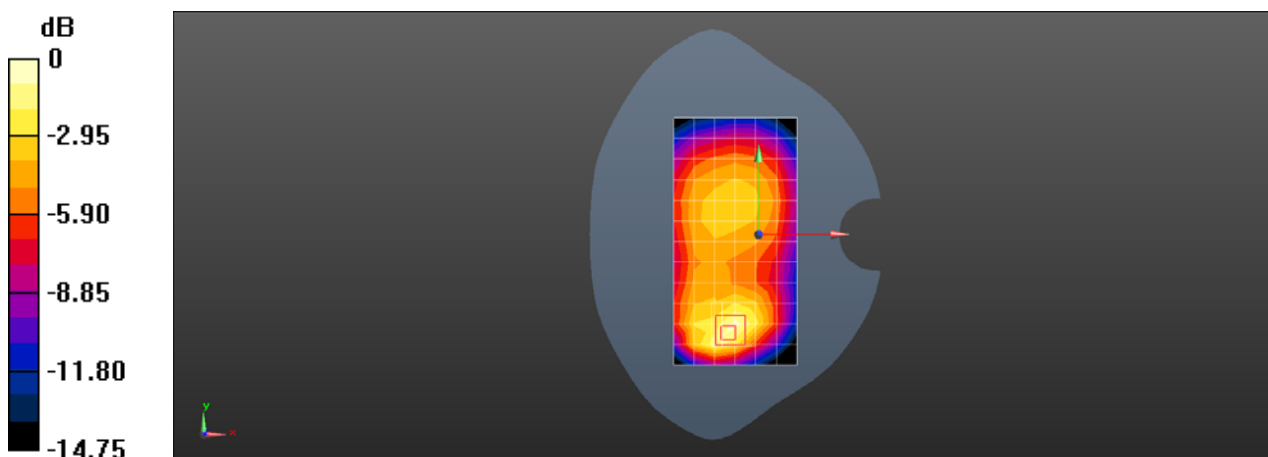
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.77 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.748 W/kg

**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg = -2.30 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 GSM1900 GSM 661CH Left cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 40.449$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.242 W/kg

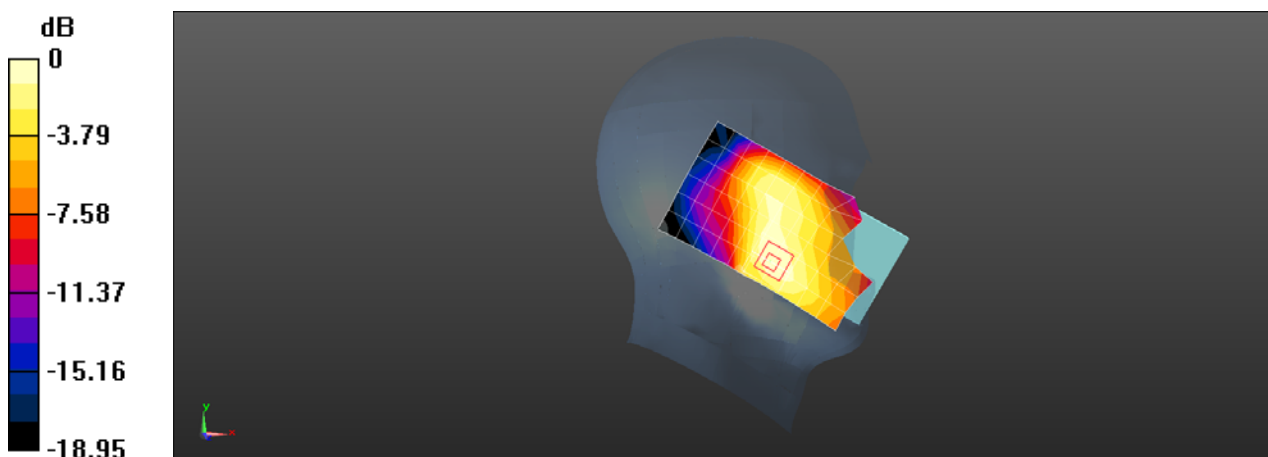
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.531 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.277 W/kg

**SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg = -6.18 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 GSM1900 GSM 661CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 40.449$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.634 W/kg

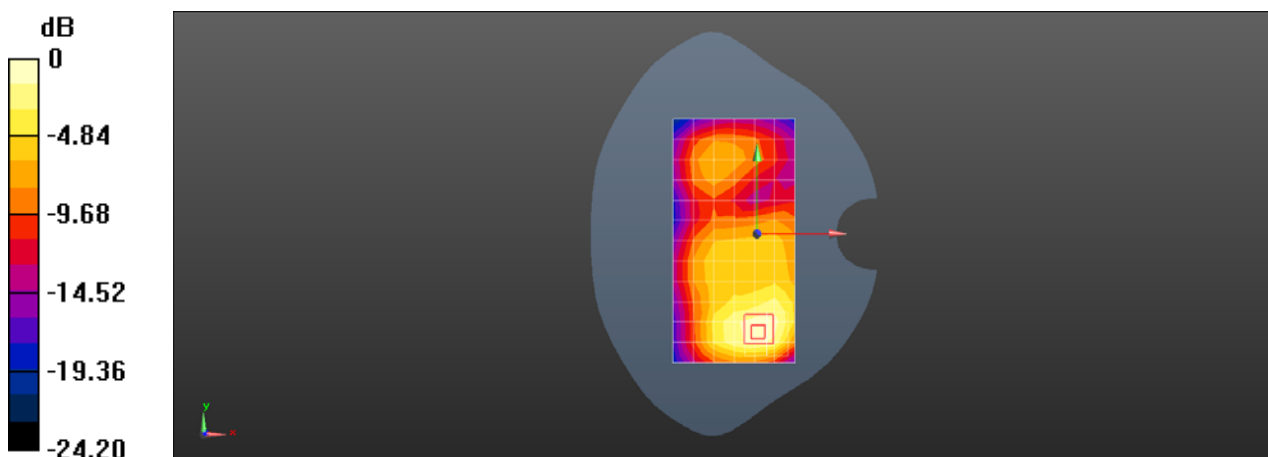
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.288 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.290 W/kg**

Maximum value of SAR (measured) = 0.782 W/kg



0 dB = 0.782 W/kg = -1.07 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 GSM1900 GPRS 4TS 512CH Bottom side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.0797

Medium: HSL1900; Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.364$  S/m;  $\epsilon_r = 40.571$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.09 W/kg

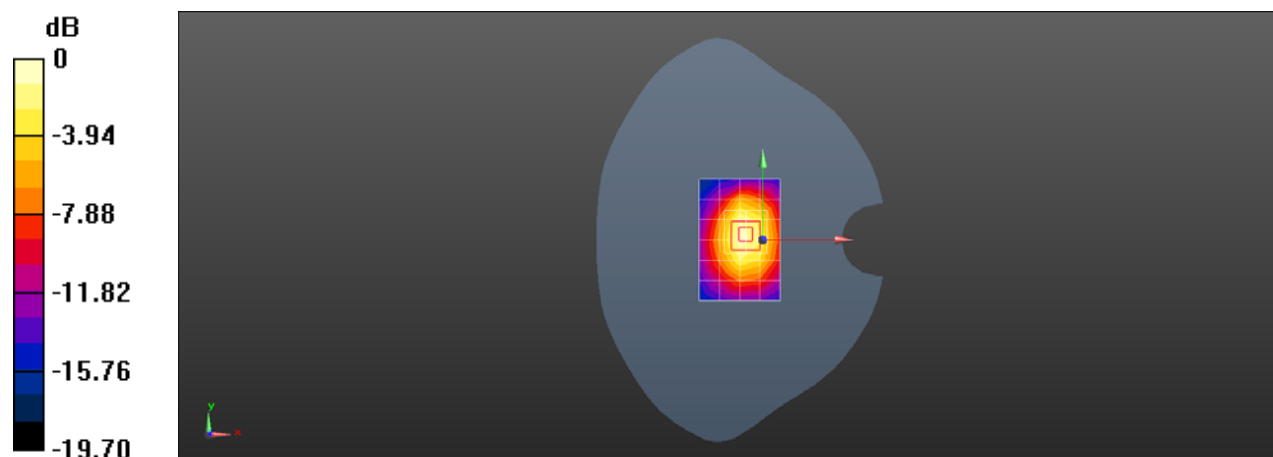
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.45 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.439 W/kg**

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



0 dB = 1.20 W/kg = 0.79 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 WCDMA Band II 9400CH Left cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 40.449$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.365 W/kg

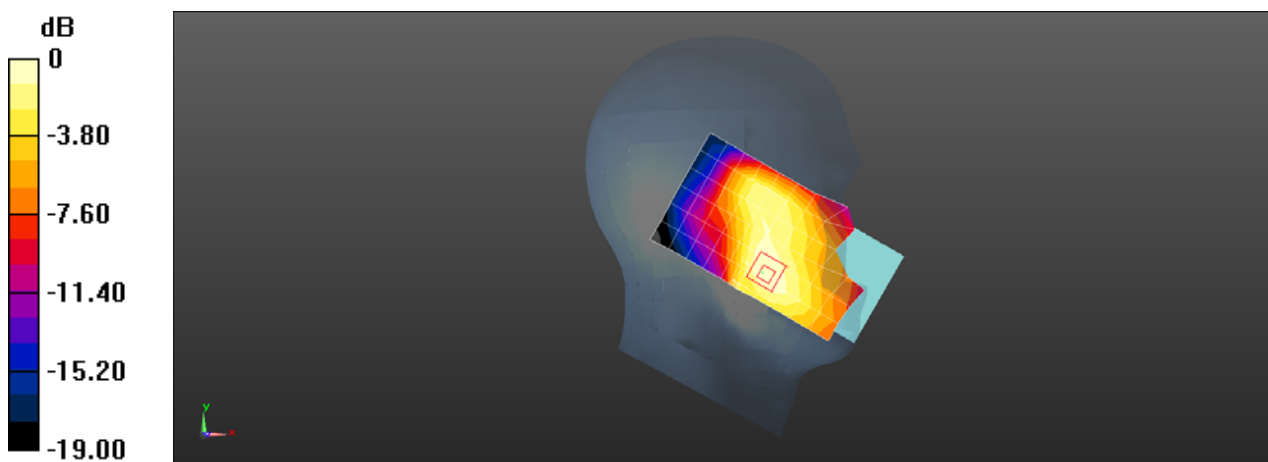
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.922 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.420 W/kg

**SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.176 W/kg**

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



0 dB = 0.368 W/kg = -4.34 dBW/kg



Test Laboratory: SGS-SAR Lab

## TA-1337 WCDMA Band II 9400CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 40.449$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.32, 7.32, 7.32); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.967 W/kg

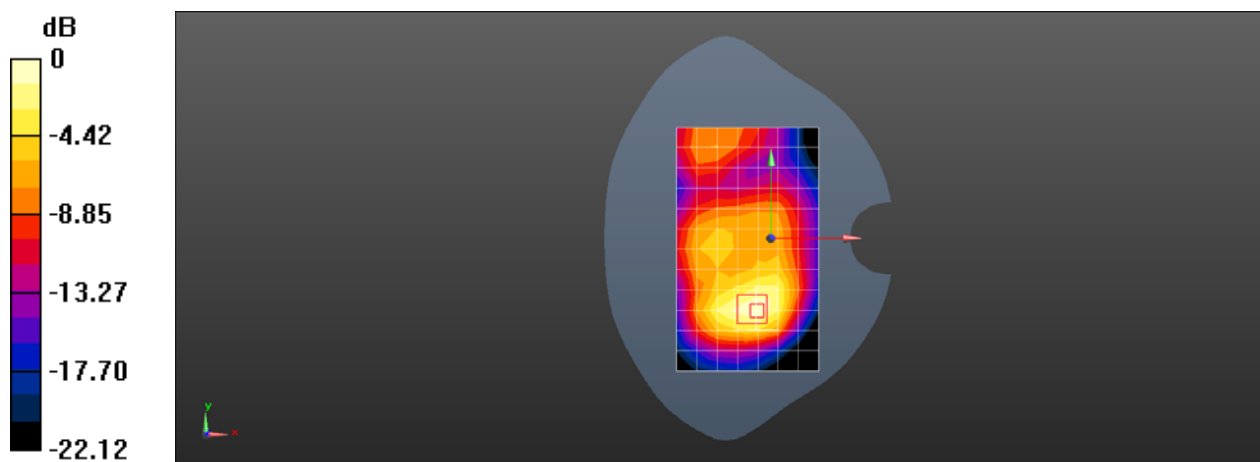
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.44 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.329 W/kg**

Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.923 W/kg = -0.35 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 WCDMA Band V 4182CH Right cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 40.841$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.388 W/kg

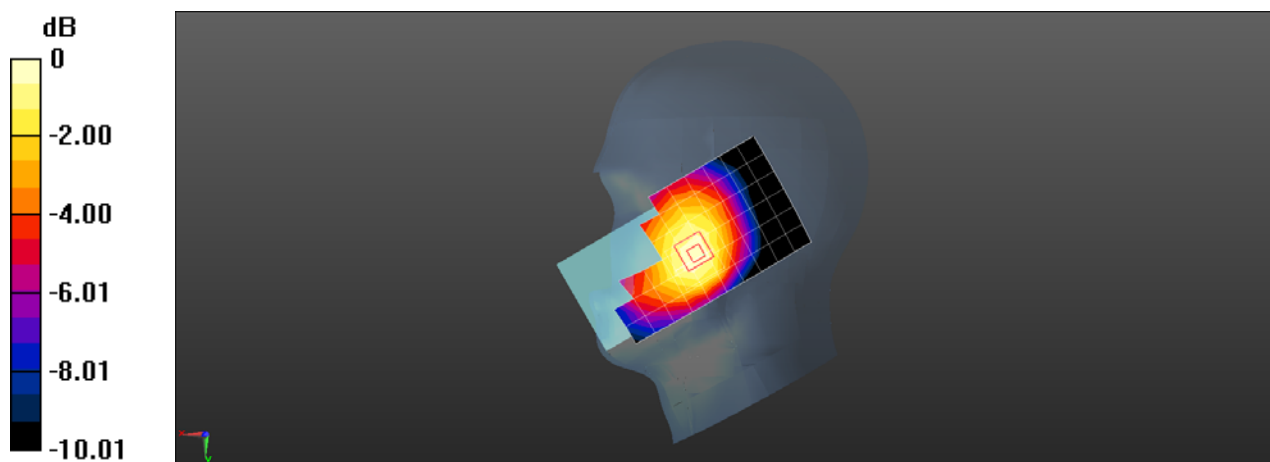
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.619 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.460 W/kg

**SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.241 W/kg**

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



0 dB = 0.402 W/kg = -3.96 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 WCDMA Band V 4182CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 40.841$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.738 W/kg

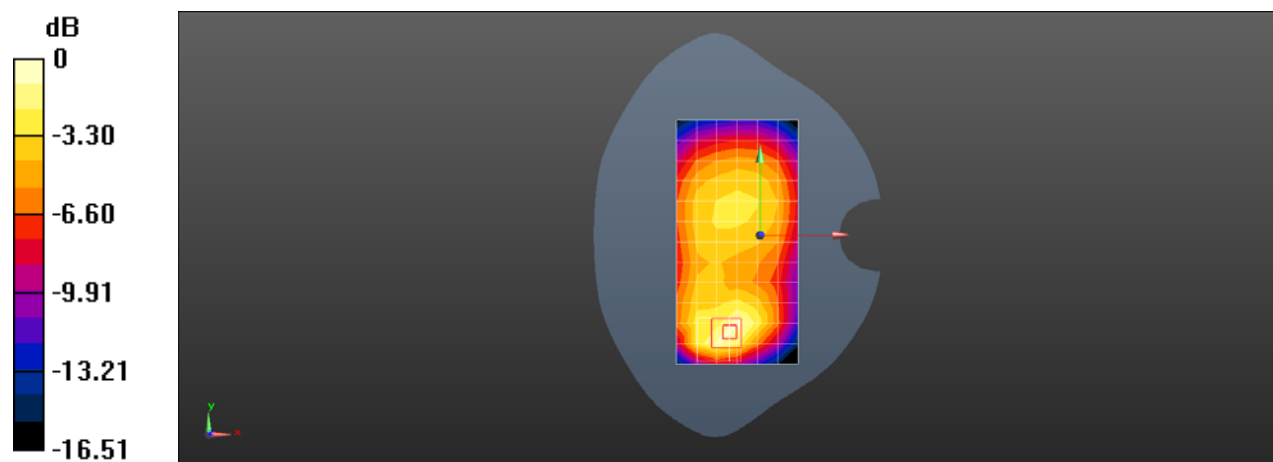
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.74 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 0.824 W/kg



0 dB = 0.824 W/kg = -0.84 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 5 10M QPSK 1RB25 20450CH Right cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 40.779$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.293 W/kg

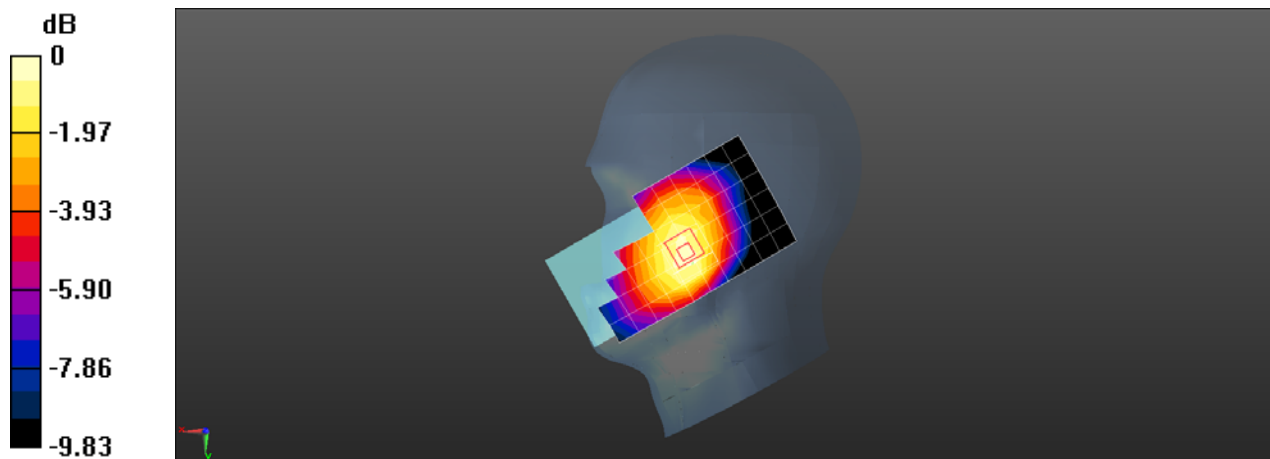
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.990 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.349 W/kg

**SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.188 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 5 10M QPSK 1RB25 20450CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 40.779$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.600 W/kg

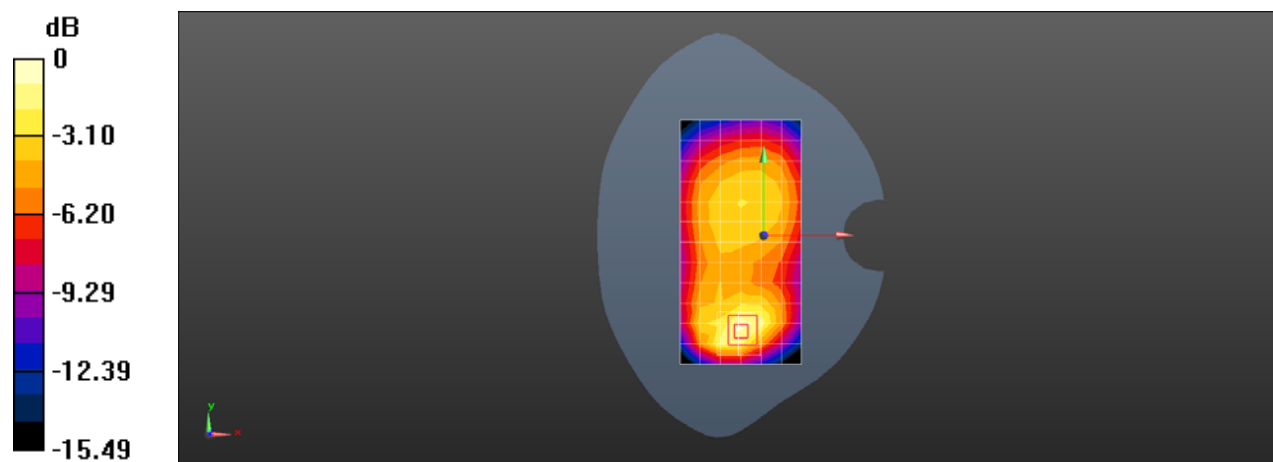
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.08 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.865 W/kg

**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 7 20M QPSK 1RB50 21350CH Right cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 37.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.0824 W/kg

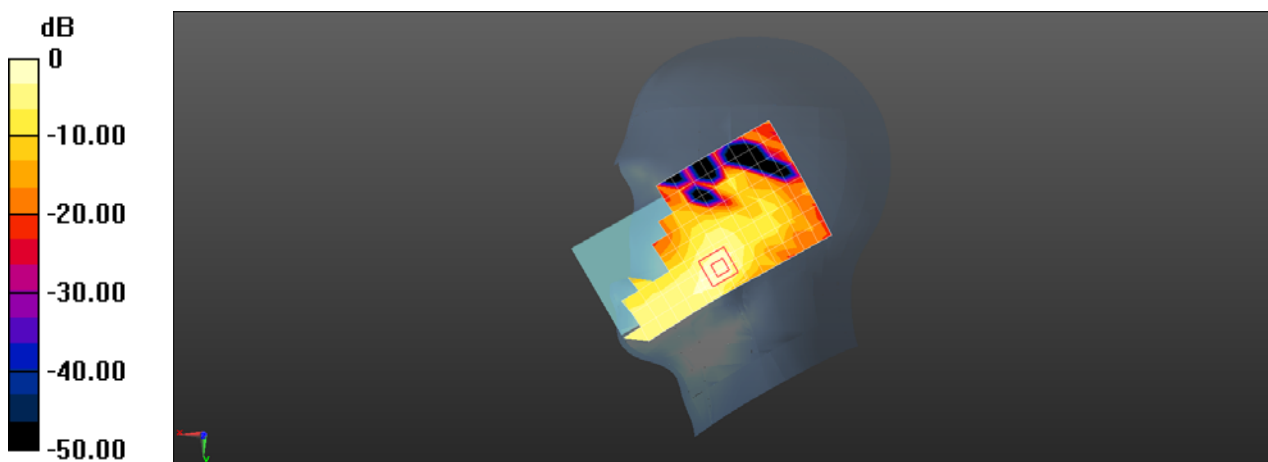
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.184 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 7 20M QPSK 1RB50 21350CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 37.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.32 W/kg

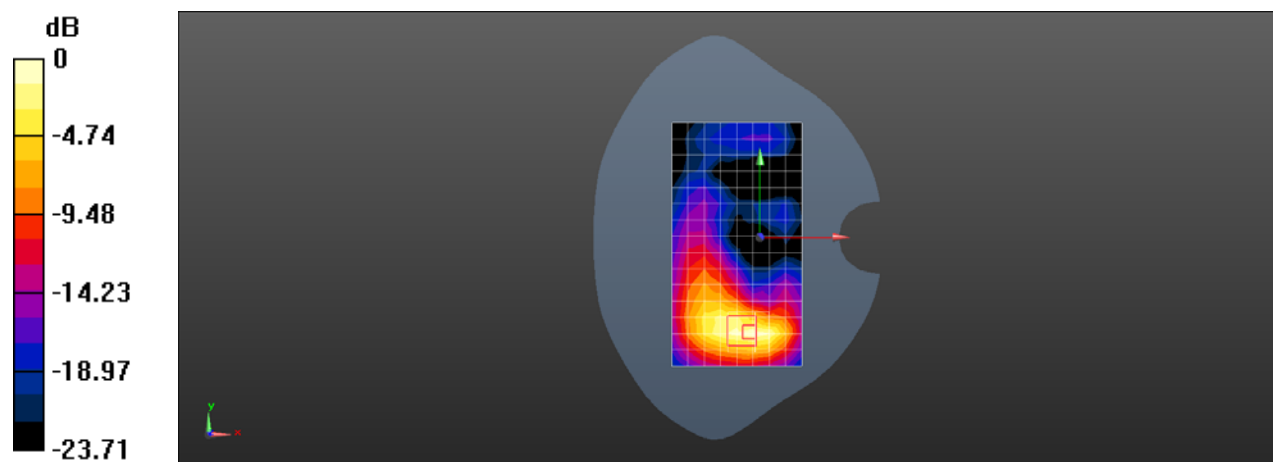
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.329 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.394 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg



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

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 7 20M QPSK 1RB50 21350CH Bottom side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 37.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.27 W/kg

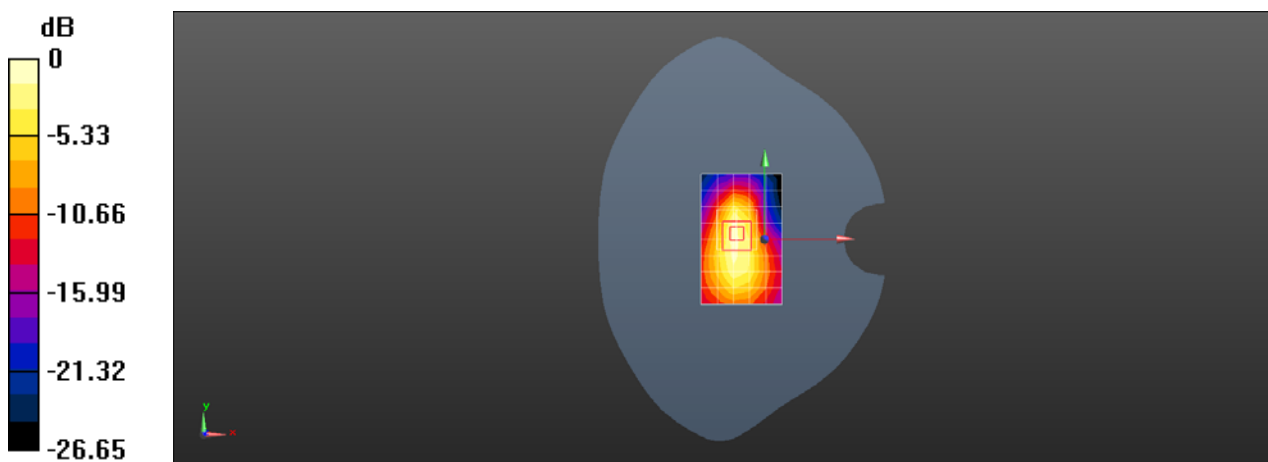
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.73 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.413 W/kg**

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



0 dB = 1.51 W/kg = 1.79 dBW/kg



Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 38 20M QPSK 1RB99 38000CH Right cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.014$  S/m;  $\epsilon_r = 37.82$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (9x15x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.0936 W/kg

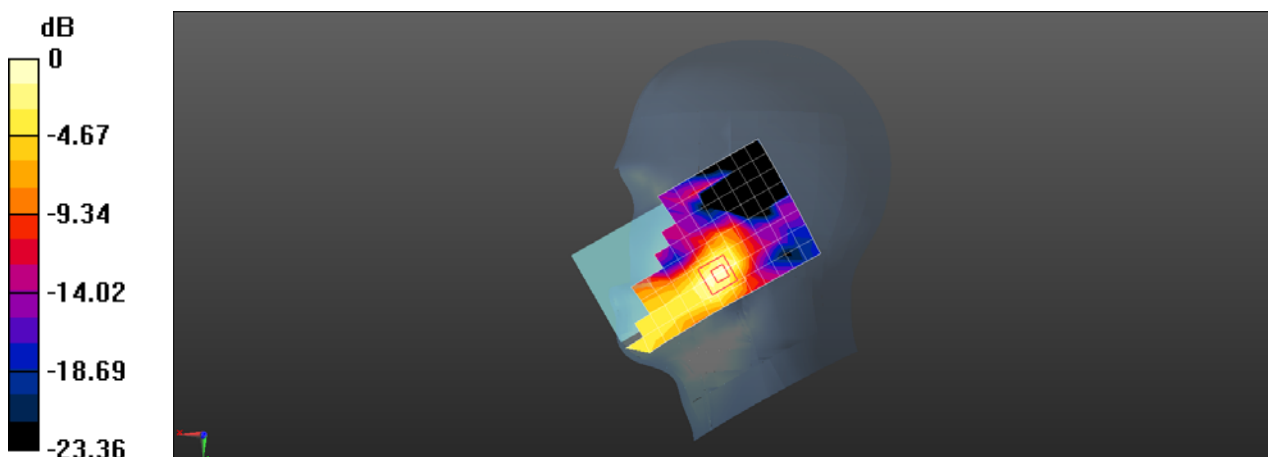
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5620 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0925 W/kg



0 dB = 0.0925 W/kg = -10.34 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 38 20M QPSK 1RB99 38000CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.014$  S/m;  $\epsilon_r = 37.82$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.04 W/kg

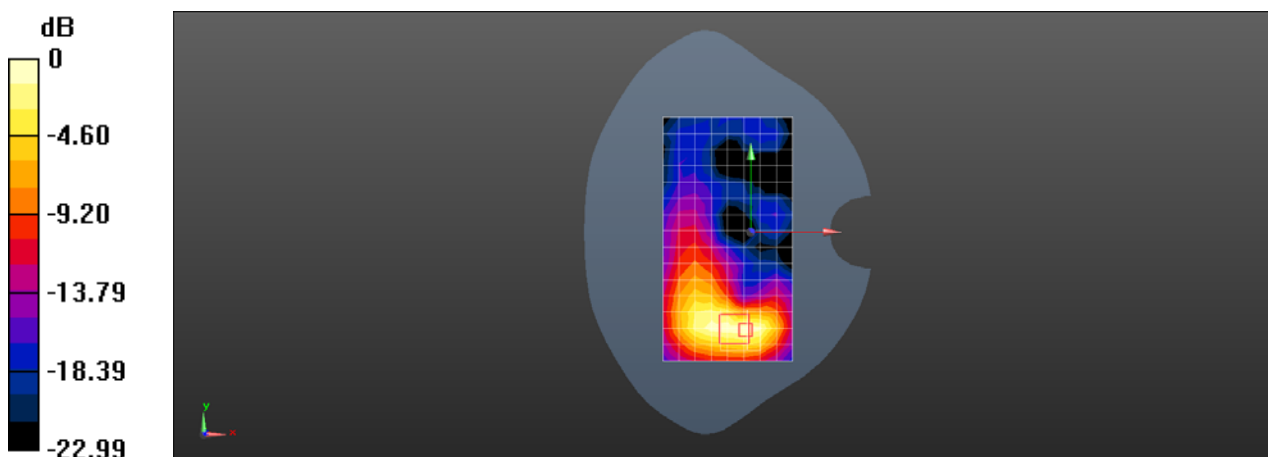
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.638 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.288 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 38 20M QPSK 1RB99 37850CH Bottom side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2$  S/m;  $\epsilon_r = 37.866$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.43 W/kg

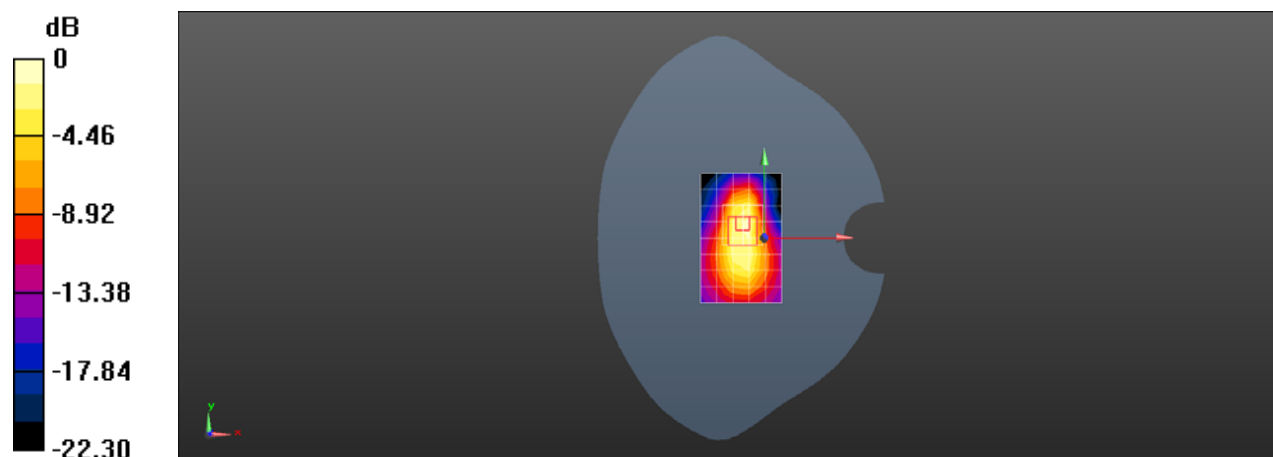
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.02 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.23 W/kg

**SAR(1 g) = 1 W/kg; SAR(10 g) = 0.461 W/kg**

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 41 20M QPSK 1RB99 40140CH Right cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2545 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2545$  MHz;  $\sigma = 1.955$  S/m;  $\epsilon_r = 38.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (9x15x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.0825 W/kg

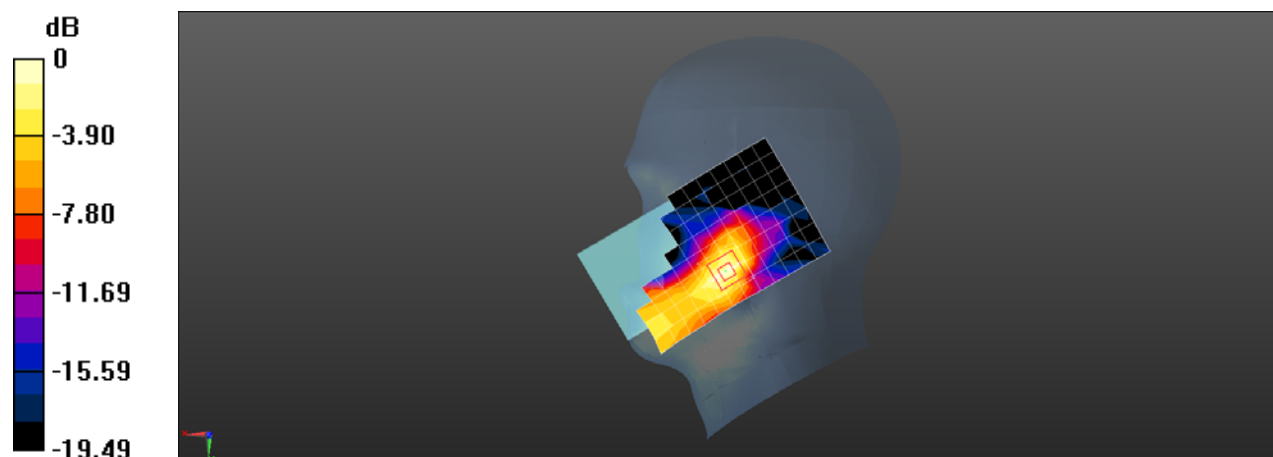
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.046 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.109 W/kg

**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.0874 W/kg



0 dB = 0.0874 W/kg = -10.58 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 41 20M QPSK 1RB99 40140CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2545 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2545$  MHz;  $\sigma = 1.955$  S/m;  $\epsilon_r = 38.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.891 W/kg

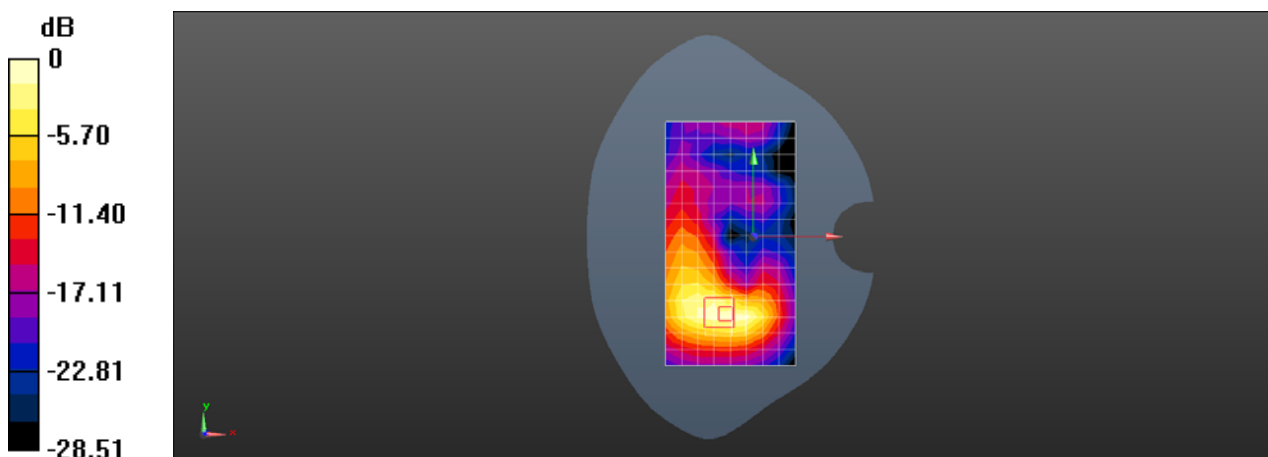
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.004 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.270 W/kg**

Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919 W/kg = -0.37 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 LTE Band 41 20M QPSK 1RB99 40140CH Bottom side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2545 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2545$  MHz;  $\sigma = 1.955$  S/m;  $\epsilon_r = 38.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.08 W/kg

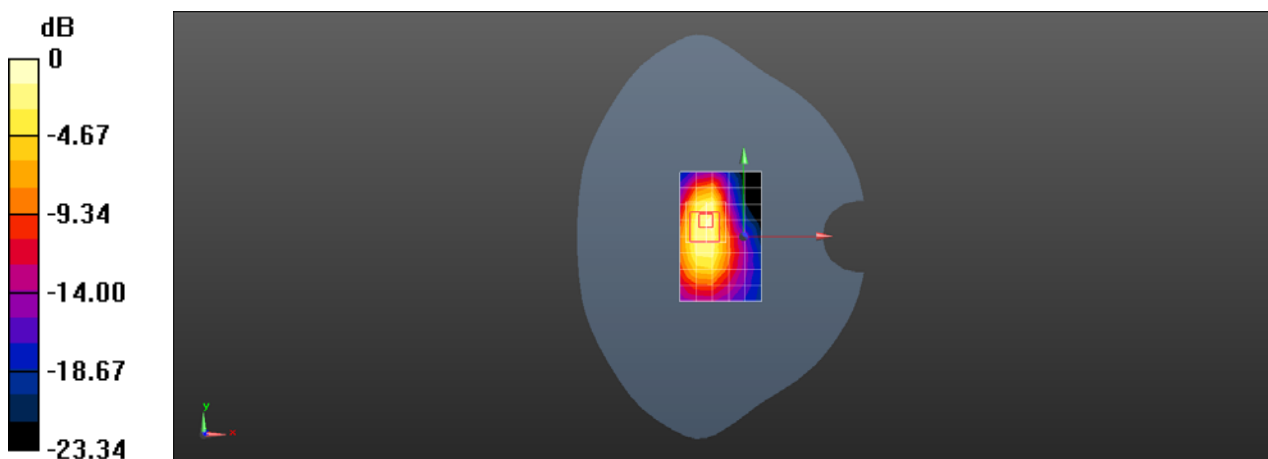
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.81 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.386 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg



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

Test Laboratory: SGS-SAR Lab

## TA-1337 Wifi2.4G 802.11b 6CH Left cheek

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.827$  S/m;  $\epsilon_r = 38.921$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.92, 6.92, 6.92); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (9x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.753 W/kg

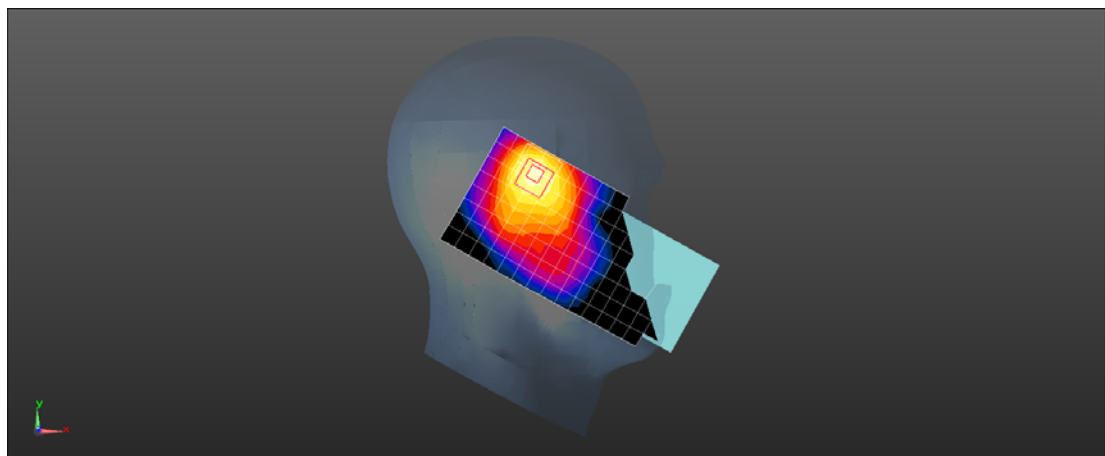
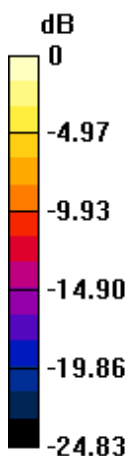
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.250 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 0.841 W/kg



0 dB = 0.841 W/kg = -0.75 dBW/kg

Test Laboratory: SGS-SAR Lab

## TA-1337 Wifi2.4G 802.11b 6CH Back side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.827$  S/m;  $\epsilon_r = 38.921$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.92, 6.92, 6.92); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x17x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.286 W/kg

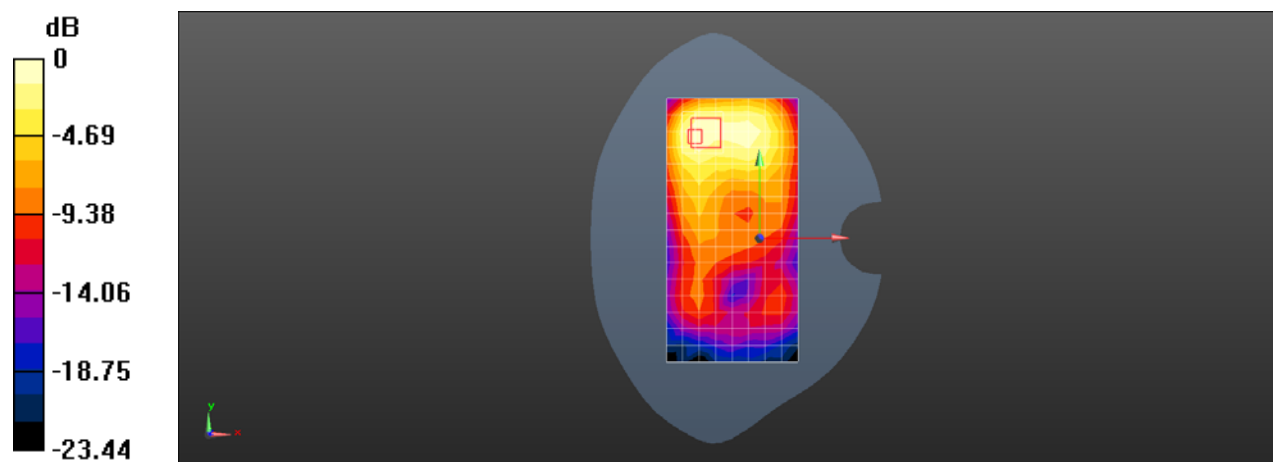
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.222 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.402 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.100 W/kg**

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



0 dB = 0.311 W/kg = -5.07 dBW/kg



Test Laboratory: SGS-SAR Lab

## TA-1337 Wifi2.4G 802.11b 6CH Top side 10mm

**DUT: TA-1337; Type: Mobile Phone; Serial: H081937000000198**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.827$  S/m;  $\epsilon_r = 38.921$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.92, 6.92, 6.92); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn890; Calibrated: 2020-09-09
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.285 W/kg

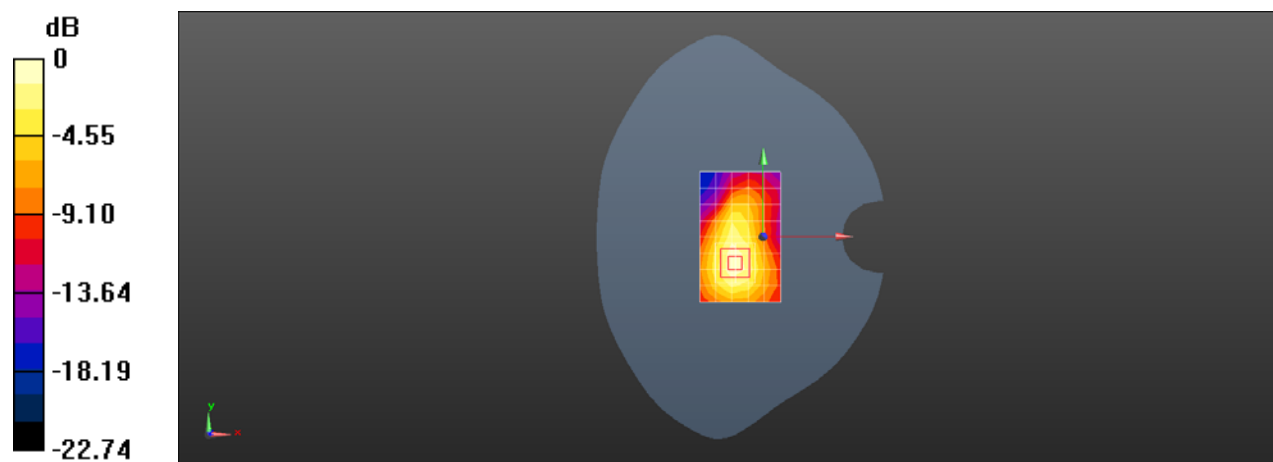
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.460 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.369 W/kg

**SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg