



# Appendix B

## Detailed Test Results

|                               |
|-------------------------------|
| 1. GSM                        |
| GSM850 for Head & Body        |
| GSM1900 for Head & Body       |
| 2. WCDMA                      |
| WCDMA Band II for Head & Body |
| WCDMA Band V for Head & Body  |
| 3.LTE                         |
| LTE Band 2 for Head & Body    |
| LTE Band 5 for Head & Body    |
| LTE Band 7 for Head & Body    |
| LTE Band 26 for Head & Body   |
| LTE Band 38 for Head & Body   |
| LTE Band 41 for Head & Body   |
| 4.WIFI                        |
| WIFI 2.4G for Head & Body     |
| 5.Blutetooth                  |
| Bluetooth for Head & Body     |

Test Laboratory: SGS-SAR Lab

## XT2081-3 GSM 850 GSM 190CH Right cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 41.737$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.299 W/kg

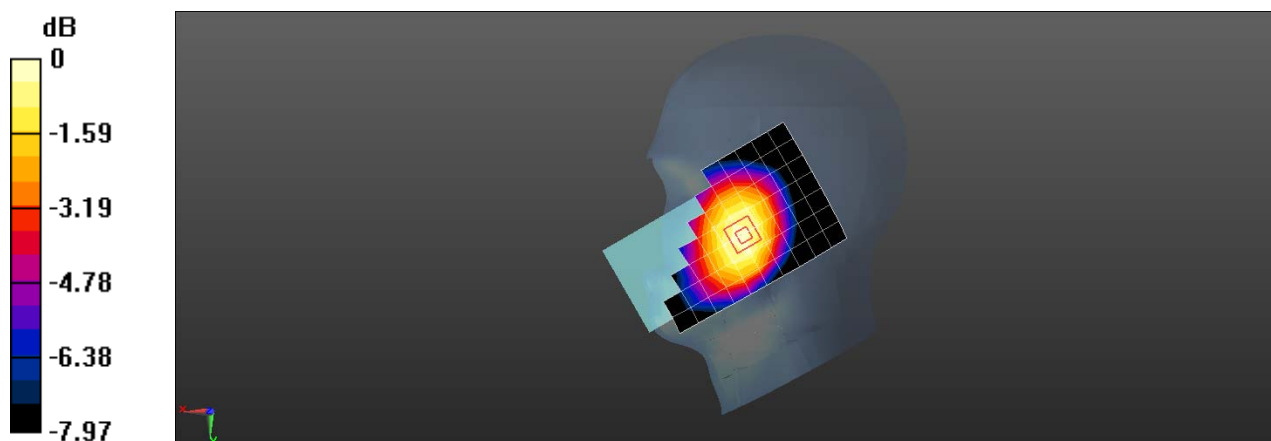
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.339 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.228 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## XT2081-3 GSM 850 GSM 190CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 41.737$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (6x10x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (measured) = 0.902 W/kg

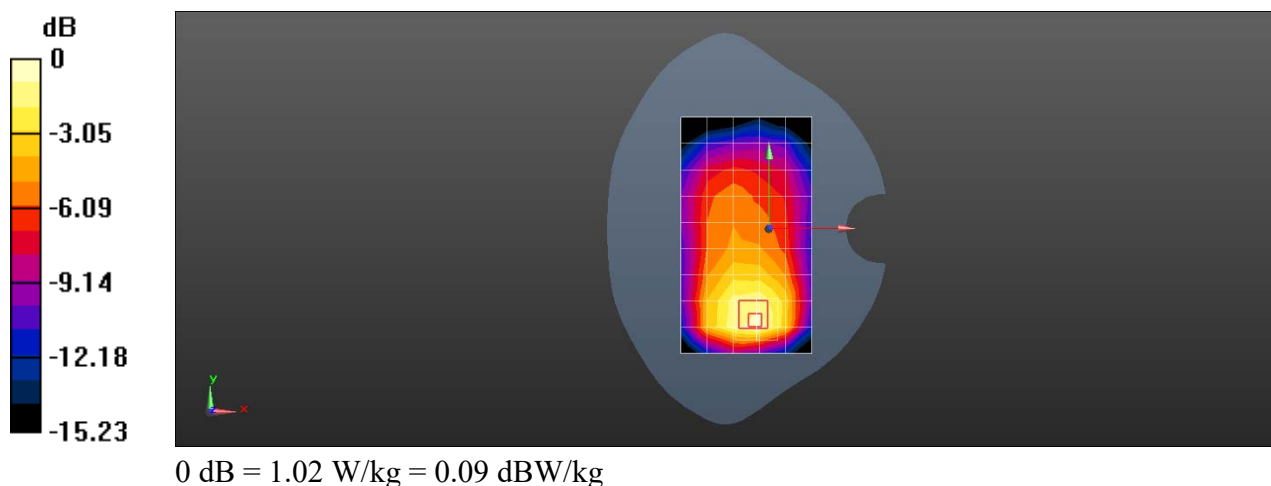
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.20 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.575 W/kg**

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



Test Laboratory: SGS-SAR Lab

## XT2081-3 GSM850 GPRS 2TS 190CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 41.737$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 1.12 W/kg

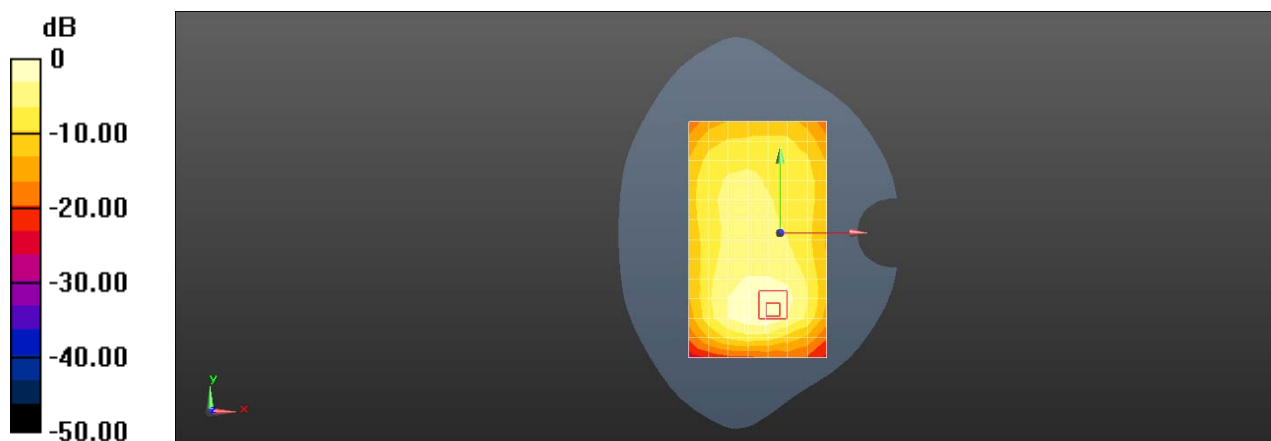
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.98 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.79 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.455 W/kg**

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



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

Test Laboratory: SGS-SAR Lab

## XT2081-3 GSM850 GPRS 2TS 190CH Back side 0mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 41.737$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 3.93 W/kg

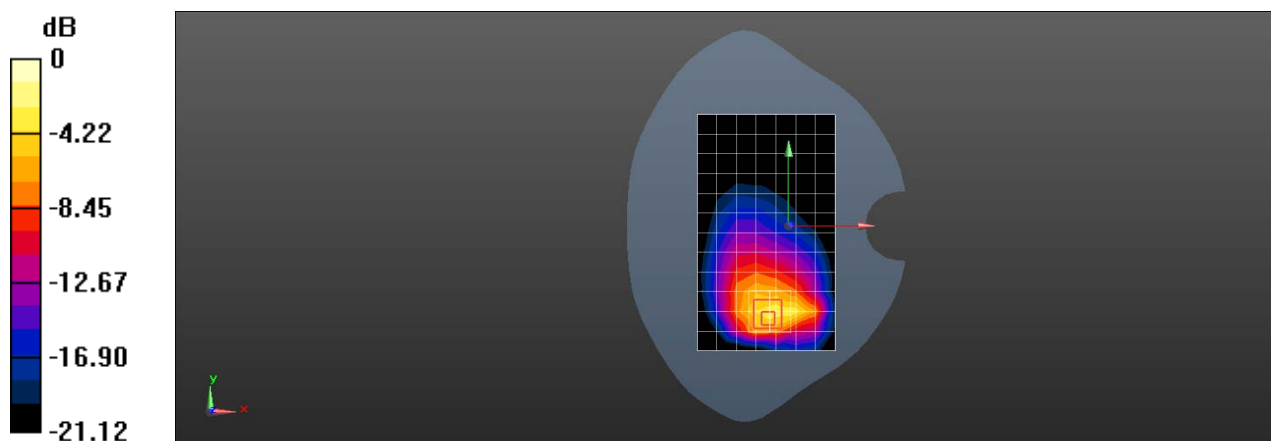
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 15.41 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 13.0 W/kg

**SAR(1 g) = 4.25 W/kg; SAR(10 g) = 1.92 W/kg**

Maximum value of SAR (measured) = 7.84 W/kg



0 dB = 7.84 W/kg = 8.94 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 GSM1900 GSM 661CH Left cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 41.473$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.108 W/kg

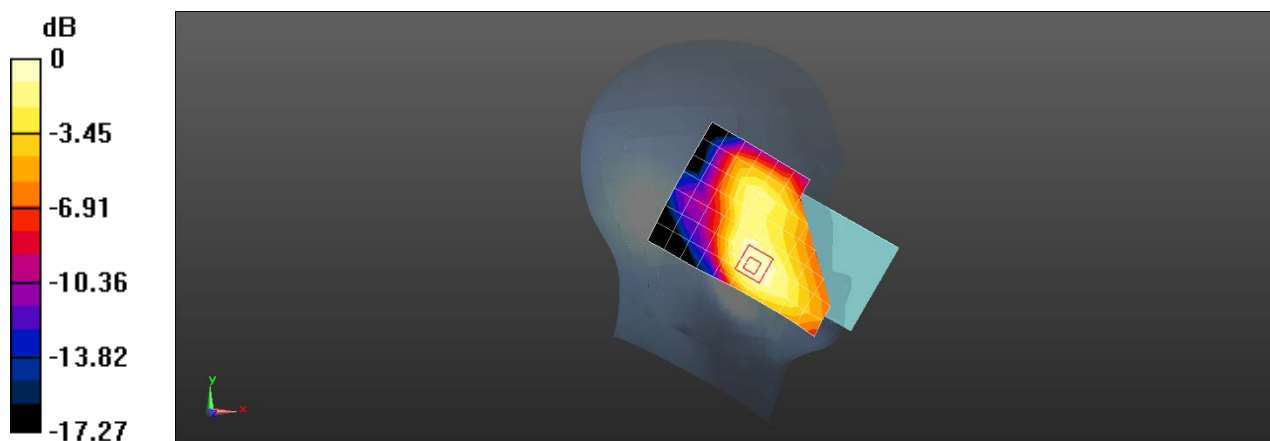
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.563 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.162 W/kg

**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 GSM1900 GSM 512CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

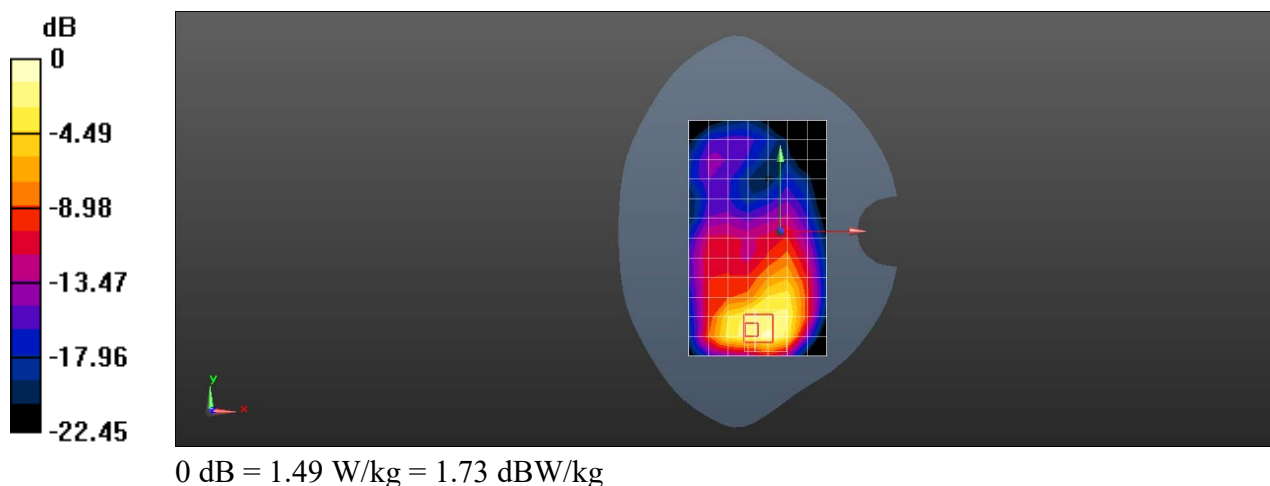
Medium: HSL1900; Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 41.690$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.22 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.965 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 1.94 W/kg  
**SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.517 W/kg**  
Maximum value of SAR (measured) = 1.49 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 GSM1900 GPRS 4TS 512CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium: HSL1900; Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 41.690$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 1.57 W/kg

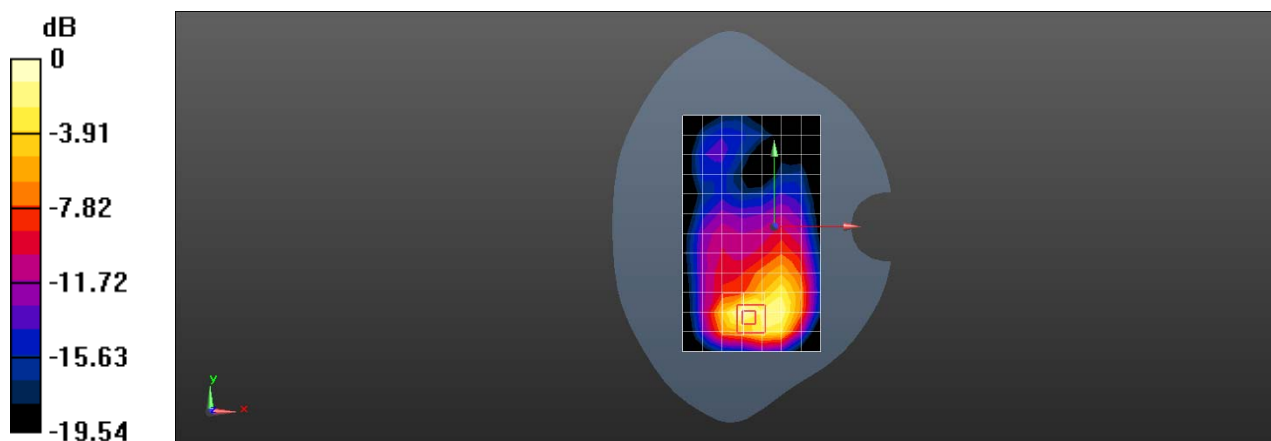
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.117 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.583 W/kg**

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 GSM1900 GPRS 4TS 512CH Back side 0mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0);  
Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

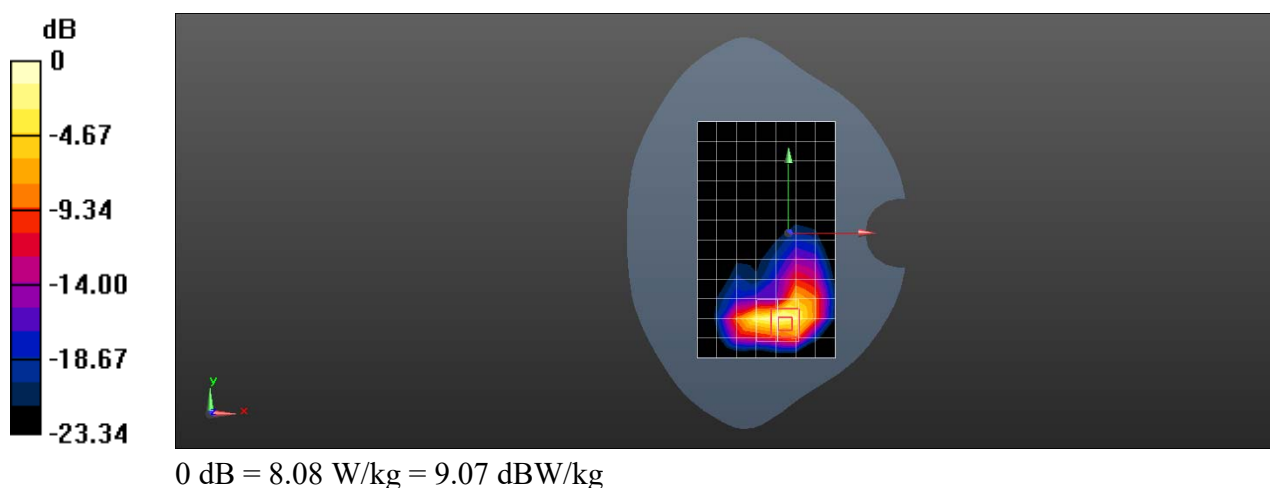
Medium: HSL1900; Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 41.690$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 6.11 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.409 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 12.5 W/kg  
**SAR(1 g) = 4.19 W/kg; SAR(10 g) = 1.78 W/kg**  
Maximum value of SAR (measured) = 8.08 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 WCDMA Band II 9400CH Left cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 41.473$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.271 W/kg

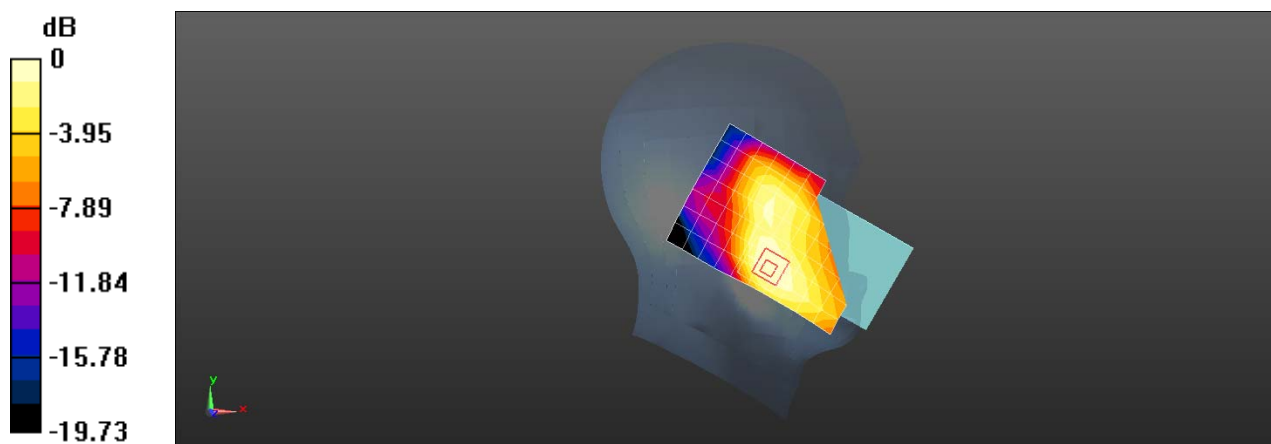
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.322 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.404 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.169 W/kg**

Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 WCDMA Band II 9262CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.343$  S/m;  $\epsilon_r = 41.754$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.59 W/kg

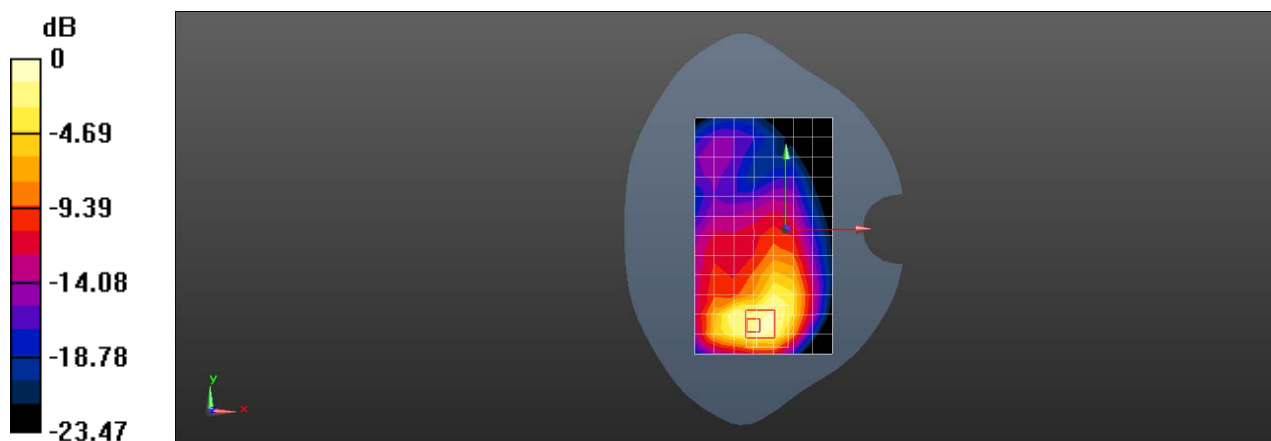
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.767 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.579 W/kg**

Maximum value of SAR (measured) = 1.68 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 WCDMA Band II 9262CH Bottom side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.343$  S/m;  $\epsilon_r = 41.754$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

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

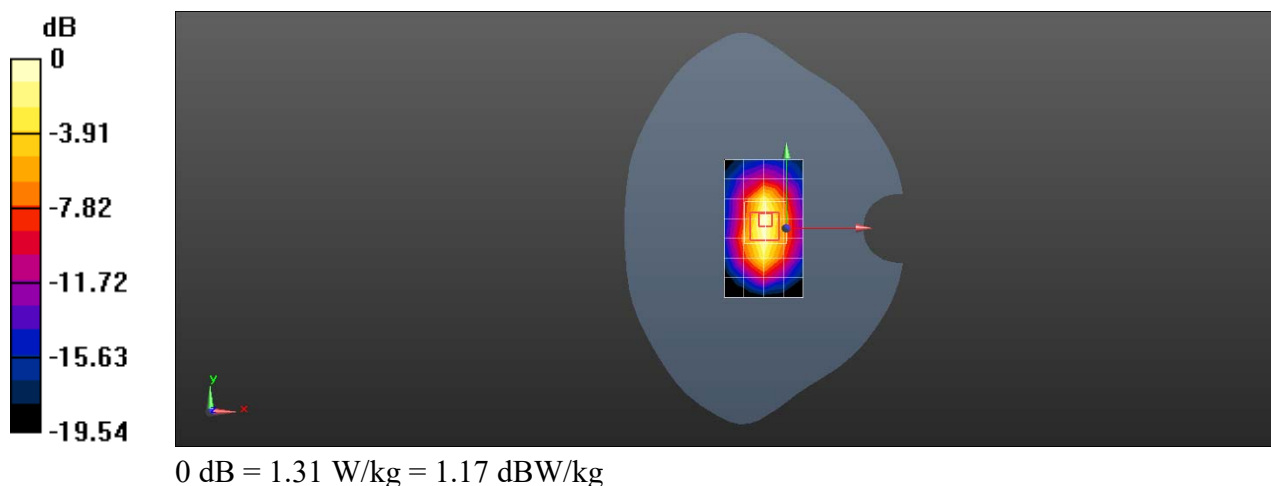
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.19 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.433 W/kg**

Maximum value of SAR (measured) = 1.31 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 WCDMA Band II 9400CH Bottom side 0mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

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

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 41.473$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x8x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 3.52 W/kg

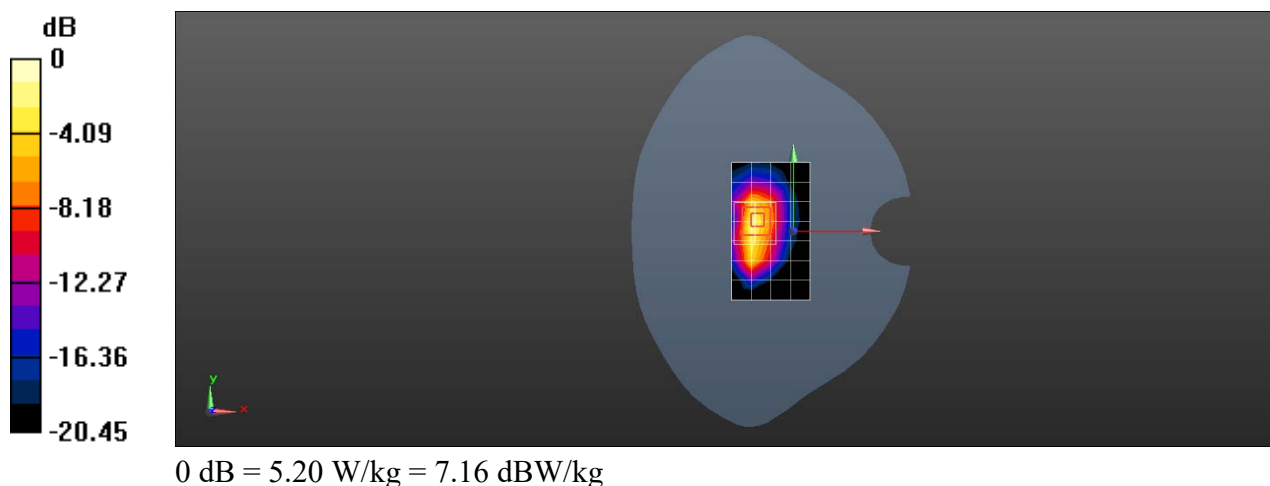
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 24.16 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.97 W/kg

**SAR(1 g) = 2.85 W/kg; SAR(10 g) = 1.21 W/kg**

Maximum value of SAR (measured) = 5.20 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 WCDMA Band V 4182CH Right cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

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

Medium: HSL835; Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 41.742$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.476 W/kg

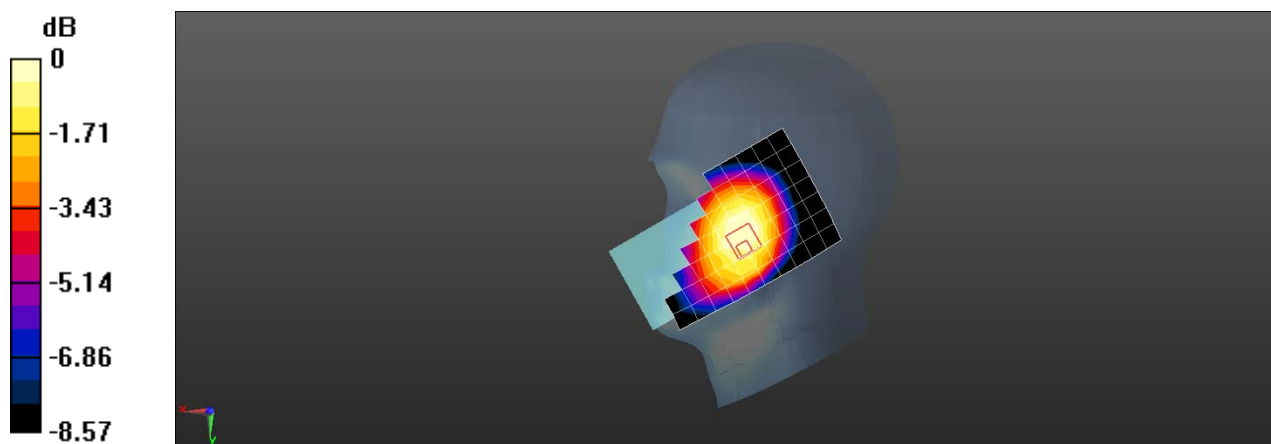
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.489 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.292 W/kg**

Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425 W/kg = -3.72 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 WCDMA Band V 4132CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 43.085$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.05 W/kg

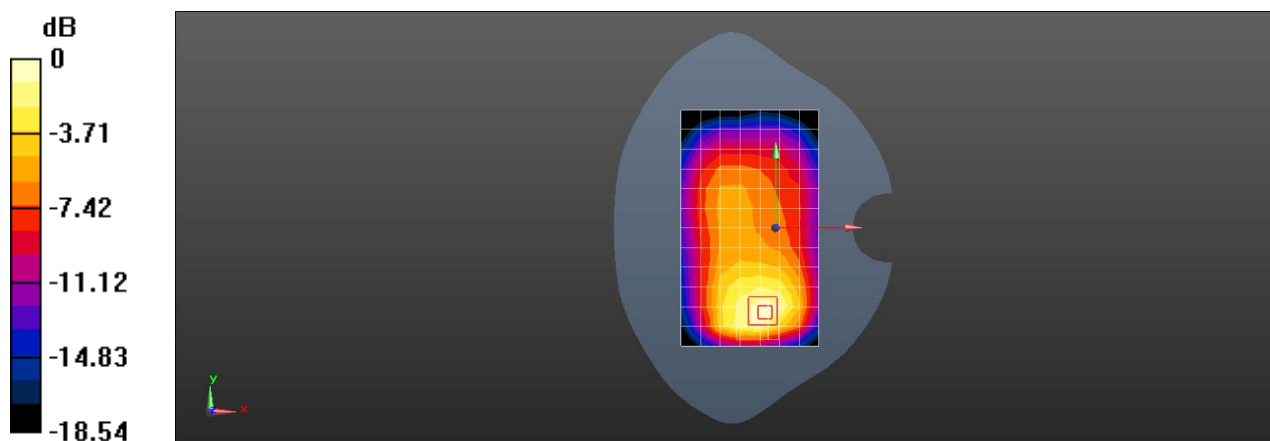
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.33 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.513 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

## XT2081-3 LTE Band 2 20M QPSK 1RB99 18700CH Left cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE Band 2; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 41.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.274 W/kg

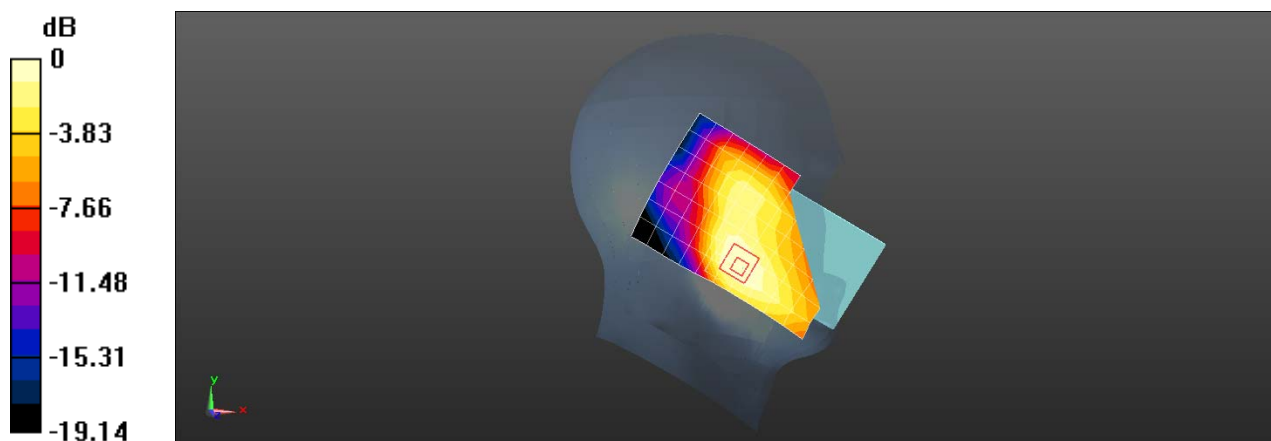
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.723 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.404 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

Test Laboratory: SGS-SAR Lab

## **XT2081-3 LTE Band 2 20M QPSK 100RB0 18700CH Back side 5mm**

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 41.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

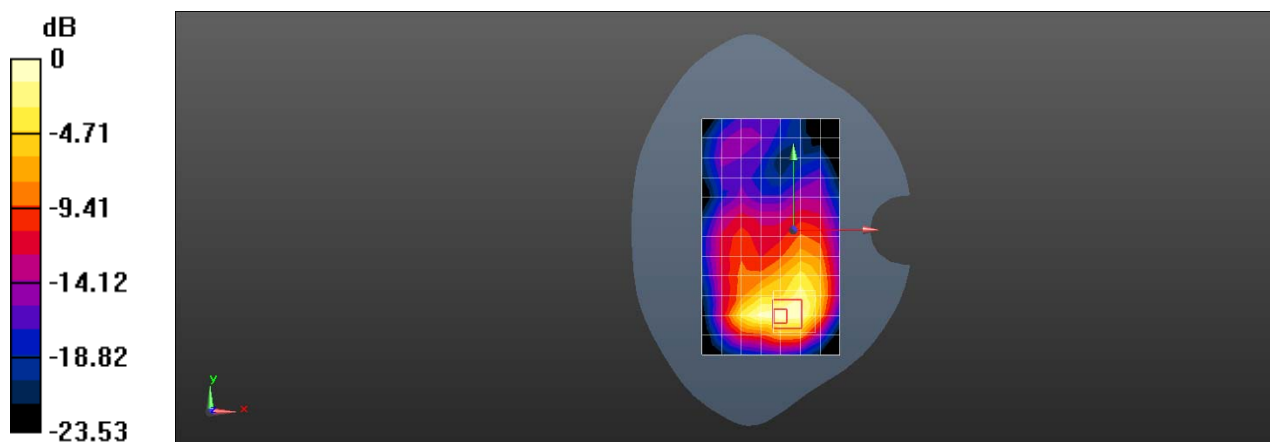
**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.30 W/kg

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

Reference Value = 7.276 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.460 W/kg**



0 dB = 1.30 W/kg = 1.14 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 2 20M QPSK 100RB0 19100CH Bottom side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 41.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

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

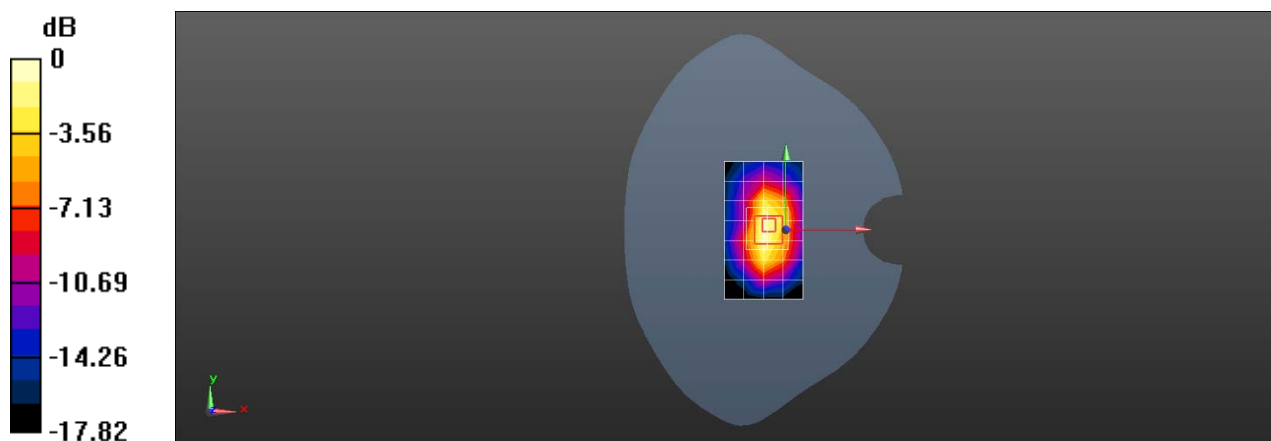
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.33 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.479 W/kg**

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

Test Laboratory: SGS-SAR Lab

## **XT2081-3 LTE Band 2 20M QPSK 50RB50 19100CH Bottom side 0mm**

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 41.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.49 W/kg

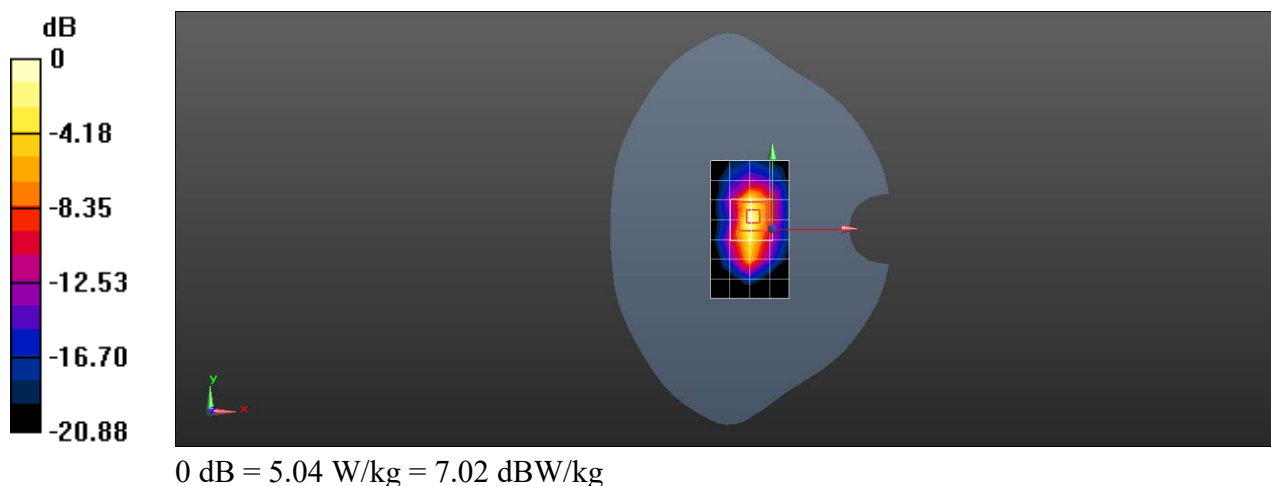
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.90 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.78 W/kg

**SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.1 W/kg**

Maximum value of SAR (measured) = 5.04 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 5 10M QPST 1RB49 20525CH Right cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 834.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 834.5$  MHz;  $\sigma = 0.938$  S/m;  $\epsilon_r = 41.757$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.424 W/kg

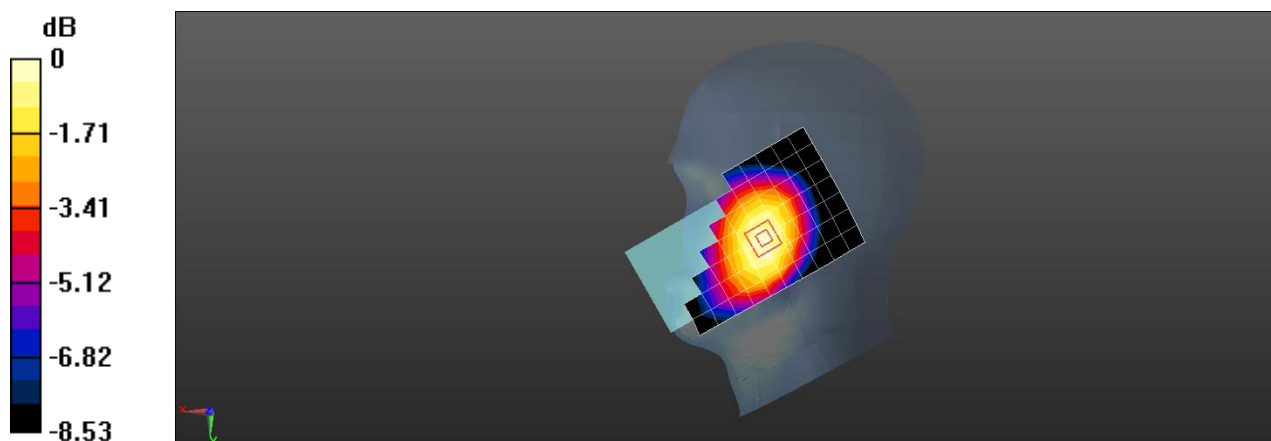
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.786 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.485 W/kg

**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.319 W/kg**

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



0 dB = 0.426 W/kg = -3.71 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 5 10M QPSK 1RB0 20450CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.940$  S/m;  $\epsilon_r = 41.737$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 1.10 W/kg

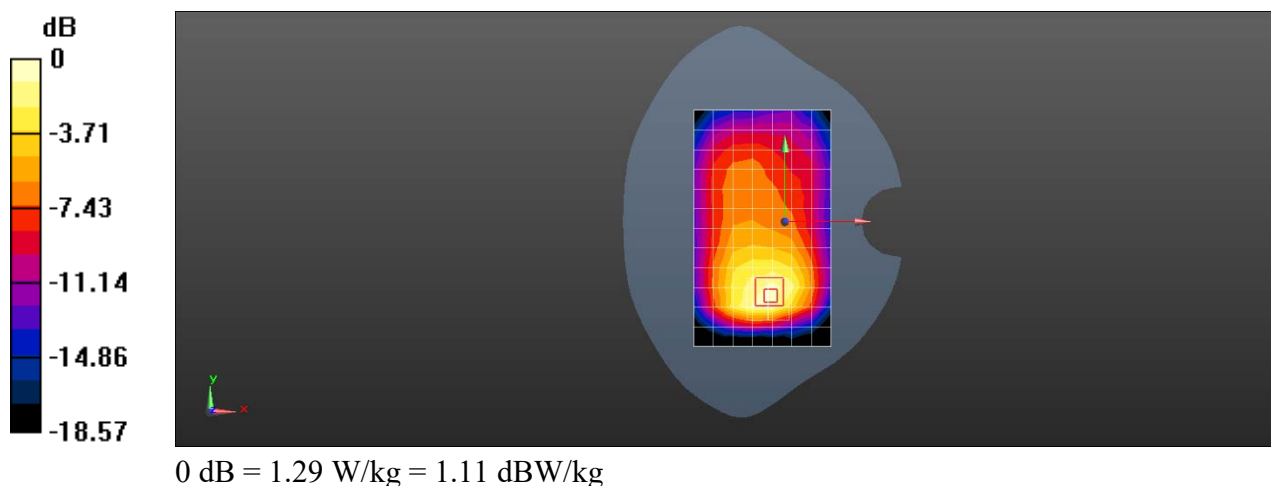
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.29 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.530 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 7 20M QPST 1RB0 20850CH Left cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

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

Medium: HSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.943$  S/m;  $\epsilon_r = 38.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.136 W/kg

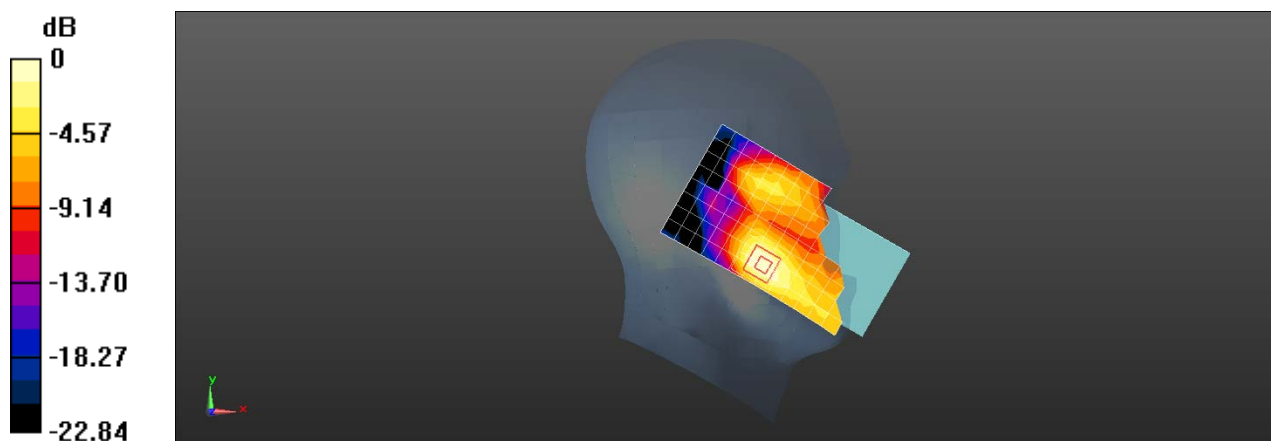
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.069 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.050 W/kg**

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



0 dB = 0.148 W/kg = -8.30 dBW/kg

Test Laboratory: SGS-SAR Lab

**XT2081-3 LTE Band 7 20M QPSK 50RB50 21350CH Back side with headset1  
5mm**

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

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

Medium: HSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.943$  S/m;  $\epsilon_r = 38.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.44 W/kg

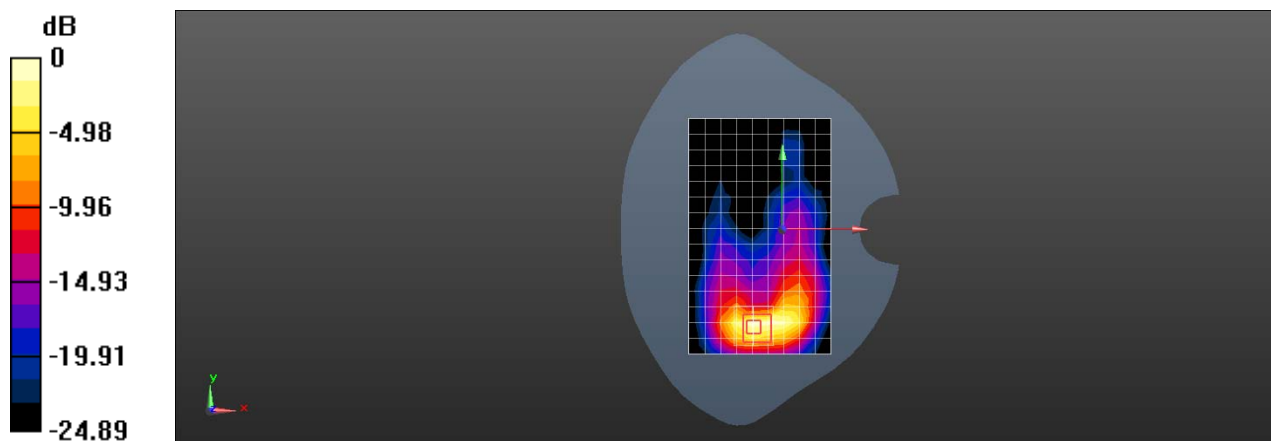
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.893 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.25 W/kg

**SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.401 W/kg**

Maximum value of SAR (measured) = 1.60 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 7 20M QPSK 50RB0 21350CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

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

Medium: HSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.943$  S/m;  $\epsilon_r = 38.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 1.38 W/kg

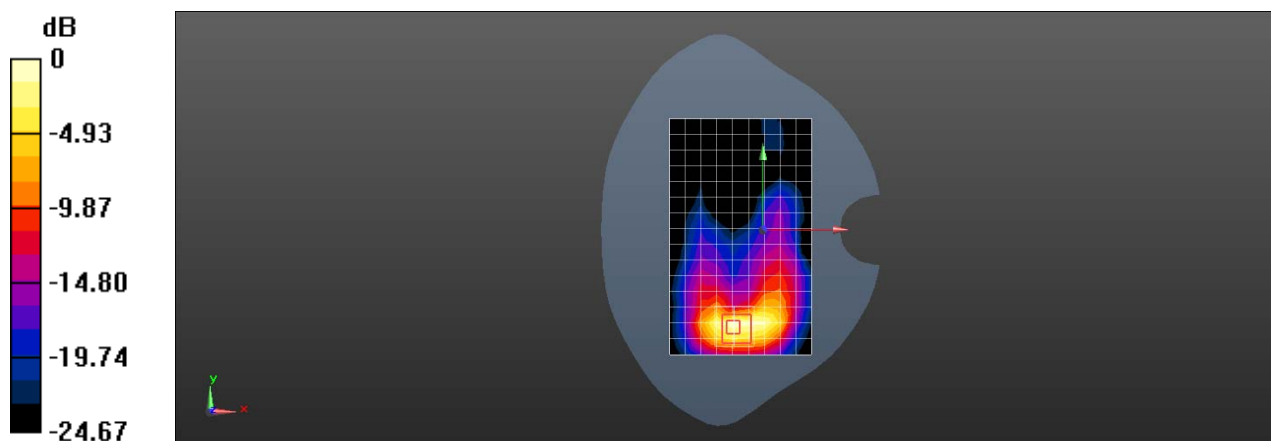
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.092 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.390 W/kg**

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



0 dB = 1.49 W/kg = 1.73 dBW/kg

Test Laboratory: SGS-SAR Lab

## **XT2081-3 LTE Band 7 20M QPSK 50RB50 20850CH Bottom side 0mm**

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.882$  S/m;  $\epsilon_r = 39.007$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (6x10x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 3.77 W/kg

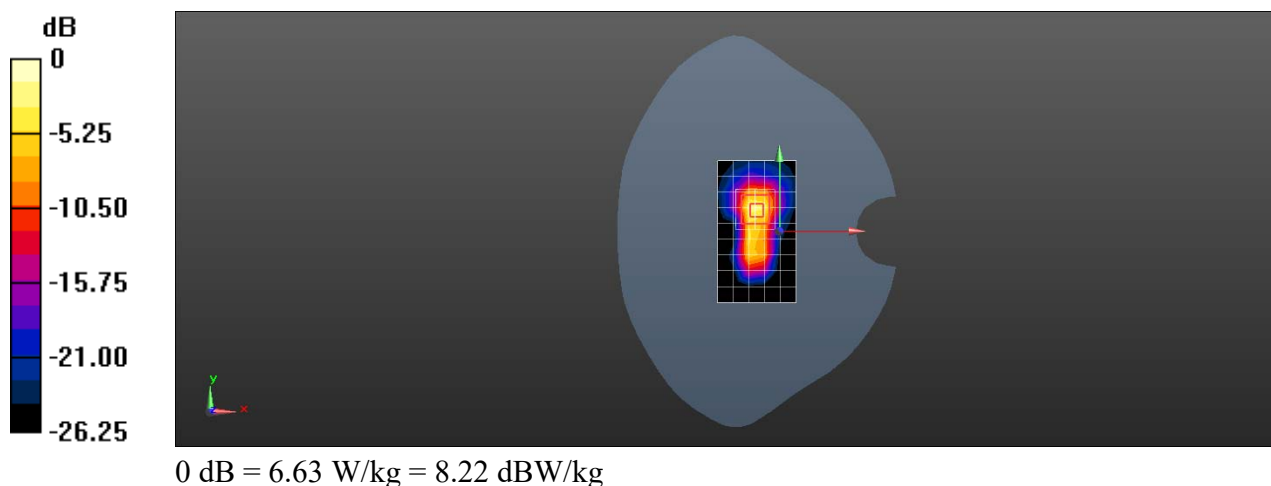
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.21 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 10.7 W/kg

**SAR(1 g) = 3.7 W/kg; SAR(10 g) = 1.28 W/kg**

Maximum value of SAR (measured) = 6.63 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 26 15M QPST 36RB0 26965CH Right cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

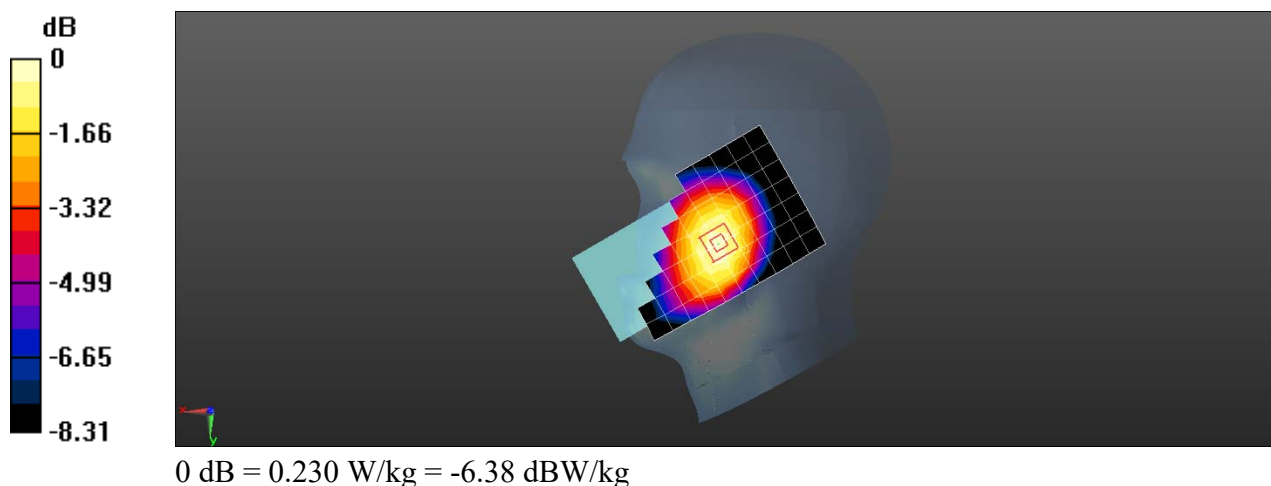
Medium: HSL835; Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 41.701$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.228 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.649 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.262 W/kg  
**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.173 W/kg**  
Maximum value of SAR (measured) = 0.230 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 26 15M QPST 1RB74 26765CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 821.5$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 41.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.16 W/kg

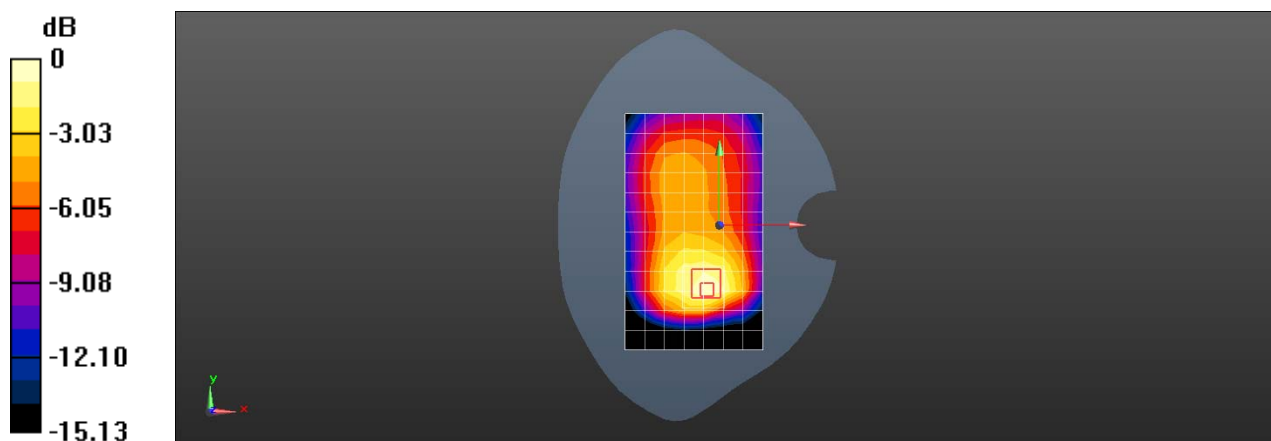
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.12 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.645 W/kg**

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



0 dB = 1.13 W/kg = 0.53 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 26 15M QPST 1RB74 26865CH Back side 0mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 41.781$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 4.61 W/kg

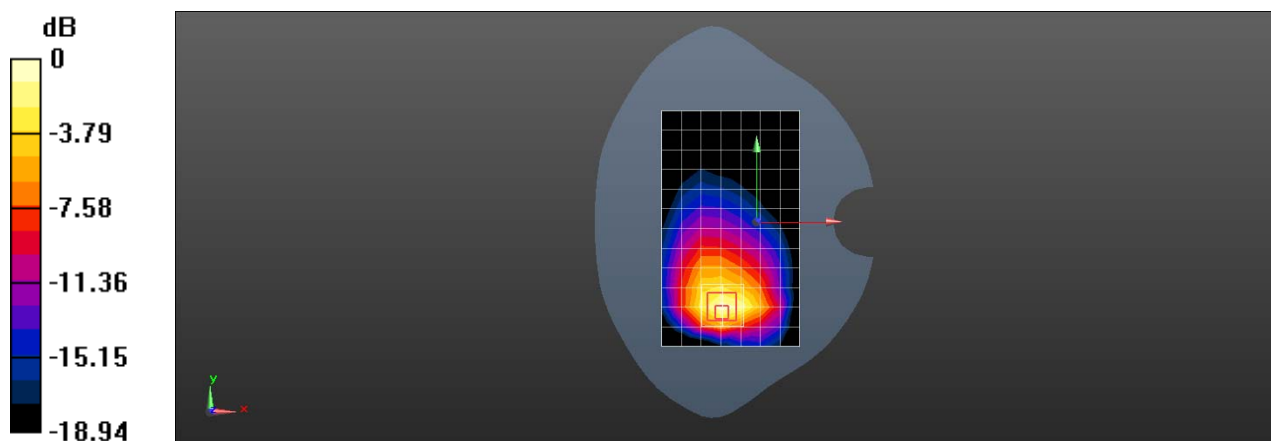
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.84 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 13.5 W/kg

**SAR(1 g) = 4.58 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 4.96 W/kg



0 dB = 4.96 W/kg = 6.95 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 38 20M QPST 1RB0 38150CH Left cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: NOGE2Y0067**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.015$  S/m;  $\epsilon_r = 38.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.126 W/kg

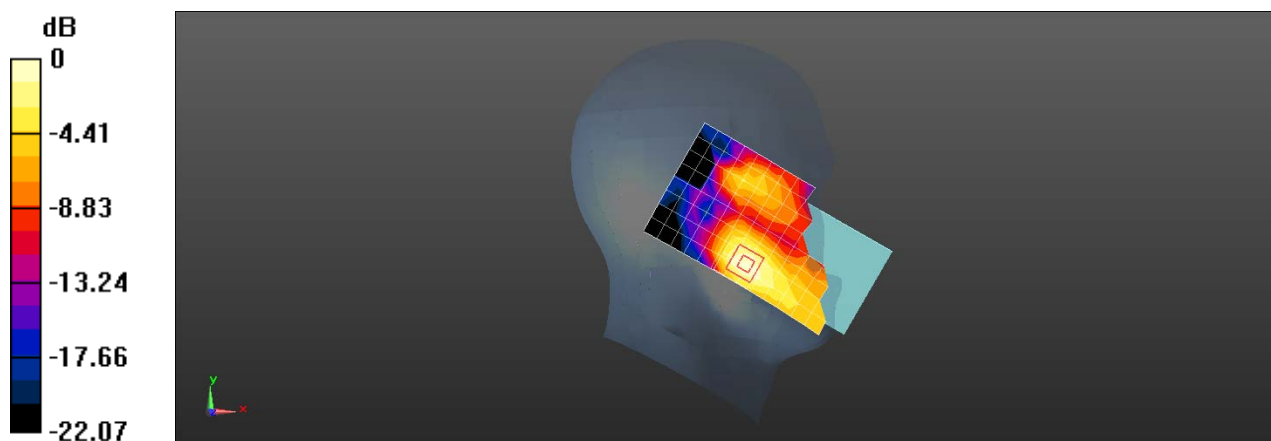
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.042 W/kg**

Maximum value of SAR (measured) = 0.129 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 38 20M QPSK 1RB99 38150CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.015$  S/m;  $\epsilon_r = 38.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.91 W/kg

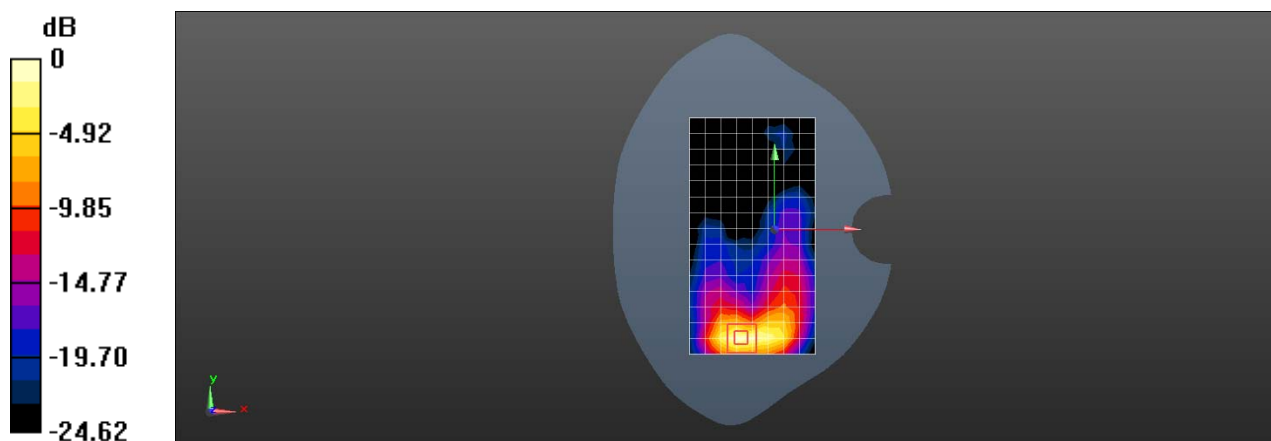
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.717 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.91 W/kg

**SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.507 W/kg**

Maximum value of SAR (measured) = 1.99 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 38 20M QPSK 1RB99 38150CH Bottom side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.015$  S/m;  $\epsilon_r = 38.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x10x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 2.04 W/kg

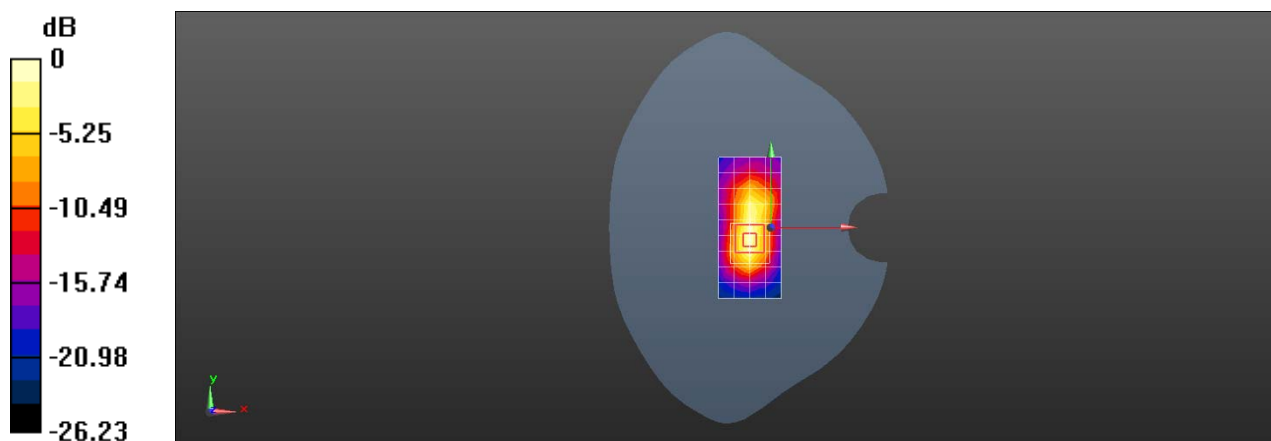
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.74 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.88 W/kg

**SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.528 W/kg**

Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 2.05 W/kg = 3.12 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 38 20M QPSK 1RB99 38000CH Back side 0mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 38.719$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 3.17 W/kg

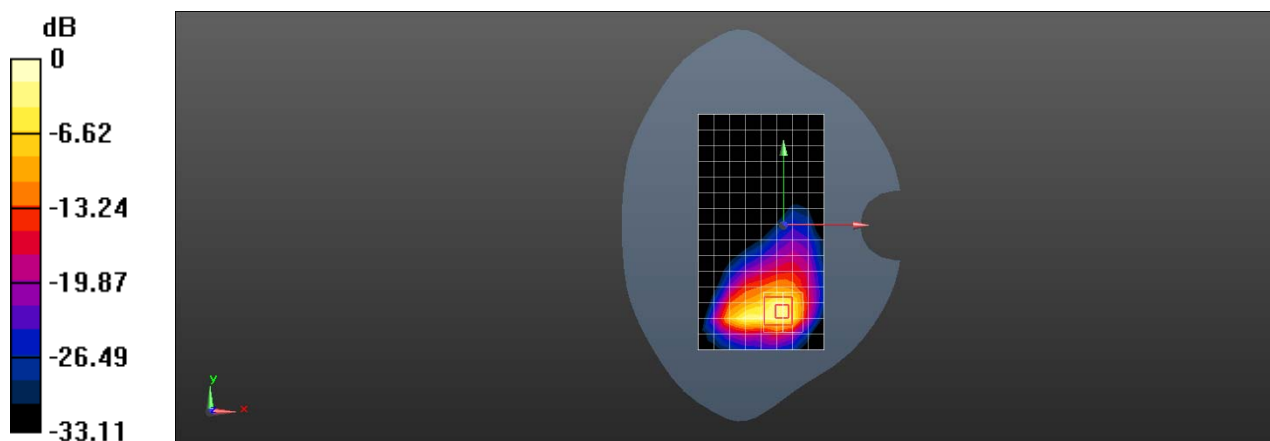
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4740 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 8.31 W/kg

**SAR(1 g) = 3.17 W/kg; SAR(10 g) = 1.18 W/kg**

Maximum value of SAR (measured) = 5.72 W/kg



0 dB = 5.72 W/kg = 7.57 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 41 20M QPSK 1RB0 40140CH Right cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0010**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2578.3 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used (interpolated):  $f = 2578.3$  MHz;  $\sigma = 1.975$  S/m;  $\epsilon_r = 38.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.147 W/kg

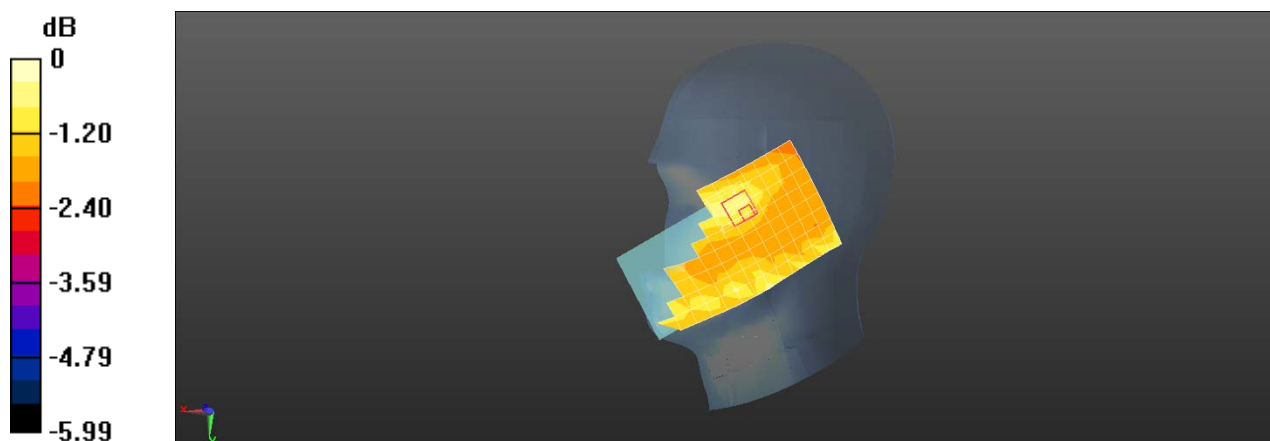
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.946 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.166 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.093 W/kg**

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 41 20M QPSK 1RB0 41140CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2645 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2645$  MHz;  $\sigma = 2.039$  S/m;  $\epsilon_r = 38.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 1.84 W/kg

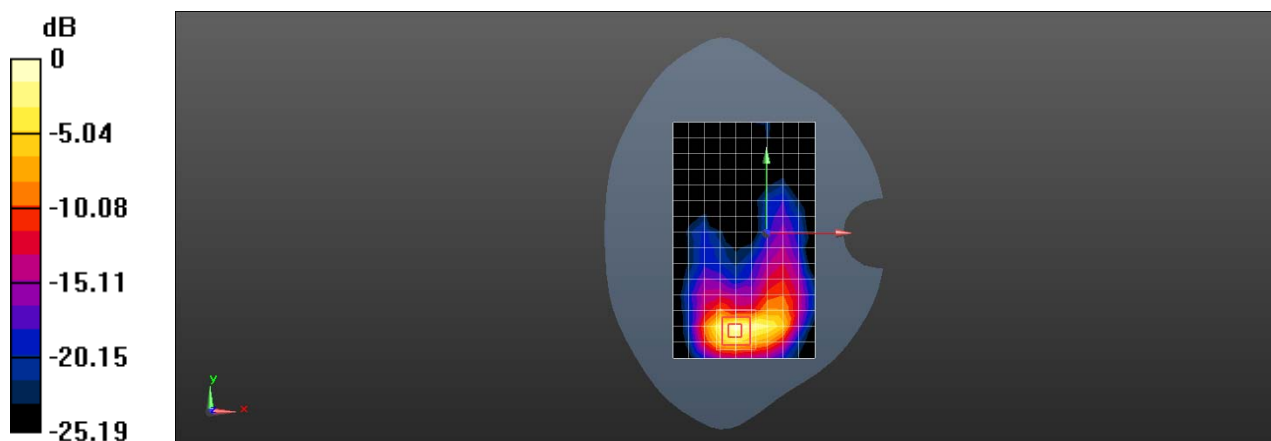
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.248 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.91 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.496 W/kg**

Maximum value of SAR (measured) = 2.05 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 LTE Band 41 20M QPSK 50RB25 40473CH Back side 0mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2578.3 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2578.3$  MHz;  $\sigma = 1.975$  S/m;  $\epsilon_r = 38.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 4.45 W/kg

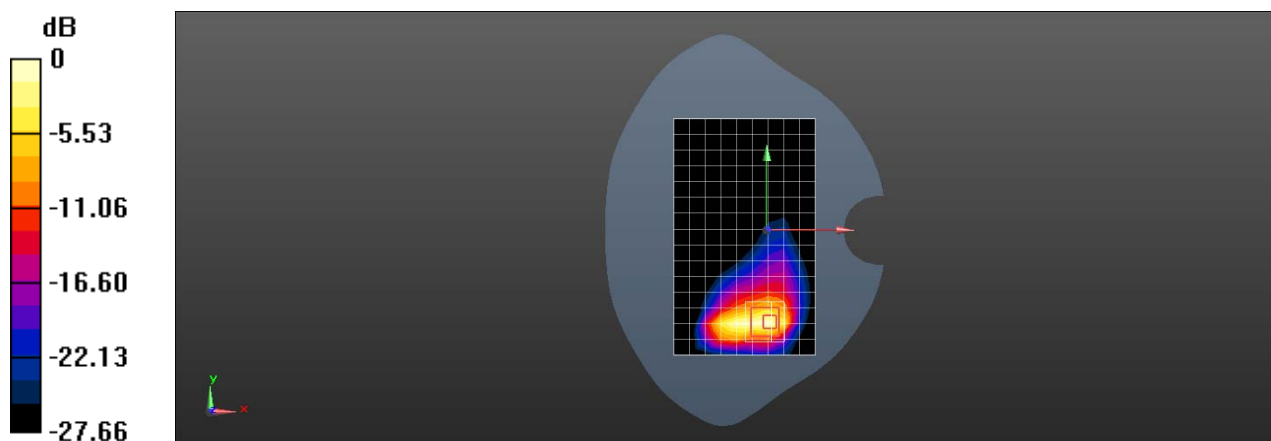
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4690 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.88 W/kg

**SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.030 W/kg**

Maximum value of SAR (measured) = 4.72 W/kg



Test Laboratory: SGS-SAR Lab

## XT2081-3 WIFI 2.4G 802.11b 1CH Left cheek

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1.014

Medium: HSL2450; Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.785$  S/m;  $\epsilon_r = 39.252$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

**Configuration/Head/Area Scan (9x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.987 W/kg

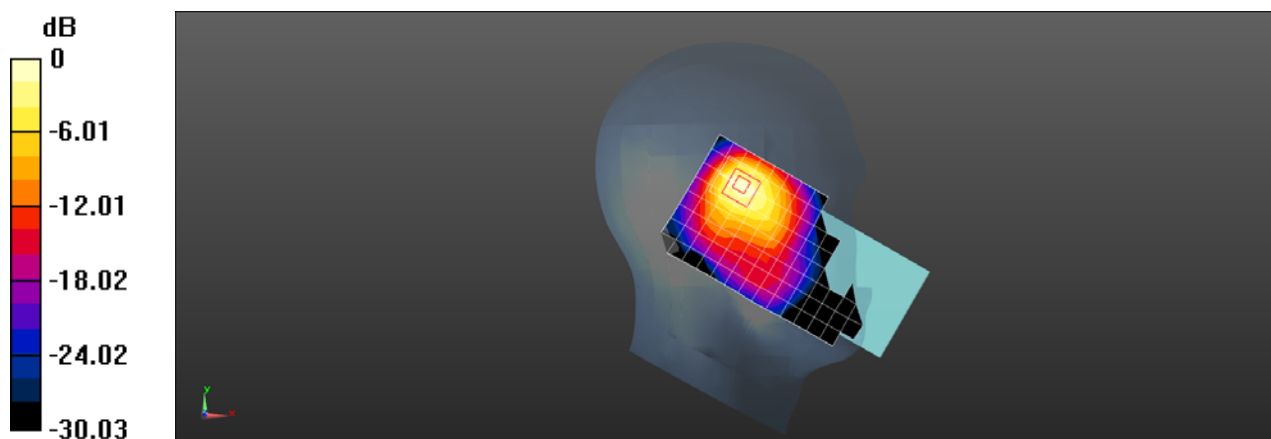
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.721 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.383 W/kg**

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



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 WIFI 2.4G 802.11b 1CH Back side 5mm

**DUT: XT2081-3; Type: Mobile Cellular Phone; Serial: N0GE2Y0082**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1.014

Medium: HSL2450; Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.785$  S/m;  $\epsilon_r = 39.252$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.23 W/kg

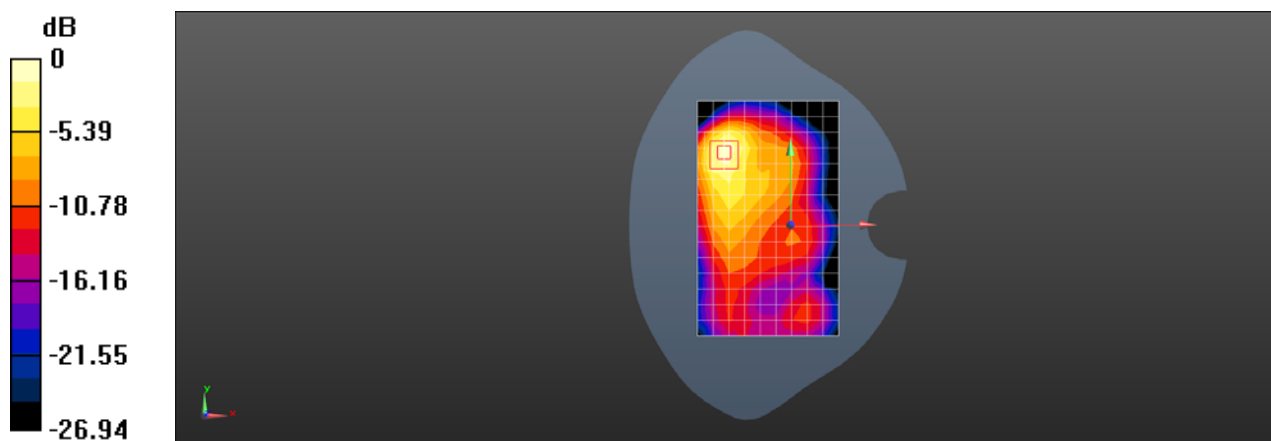
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.066 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.391 W/kg**

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



Test Laboratory: SGS-SAR Lab

## XT2081-3 Bluetooth 0CH Left cheek

**DUT: XT2081-2; Type: Mobile Cellular Phone; Serial: N0GEB30037**

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.302

Medium: HSL2450; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 39.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.304 W/kg

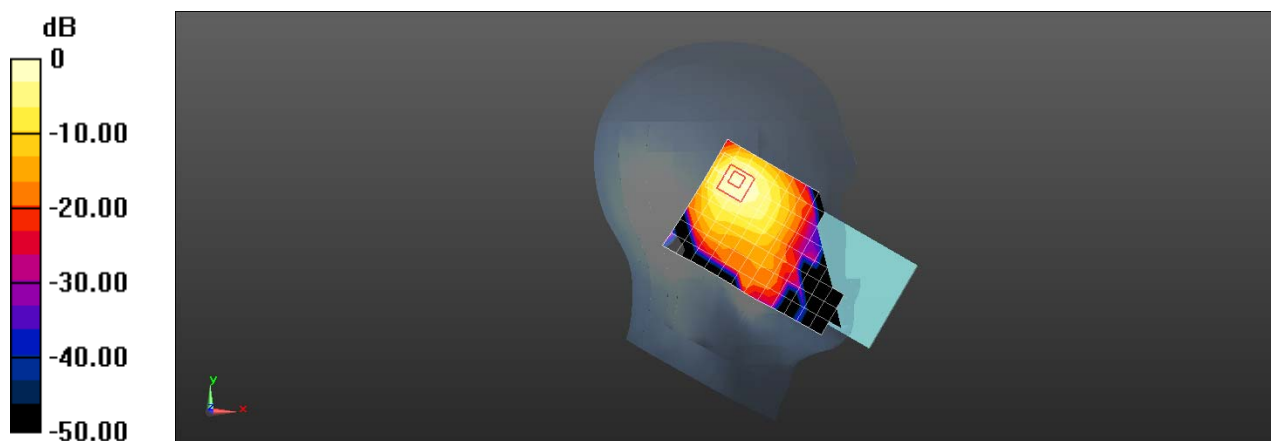
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.051 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.429 W/kg

**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.110 W/kg**

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



0 dB = 0.312 W/kg = -5.06 dBW/kg

Test Laboratory: SGS-SAR Lab

## XT2081-3 Bluetooth 0CH Back side 5mm

**DUT: XT2081-2; Type: Mobile Cellular Phone; Serial: N0GEB30037**

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.302

Medium: HSL2450; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 39.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.06, 7.06, 7.06); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.215 W/kg

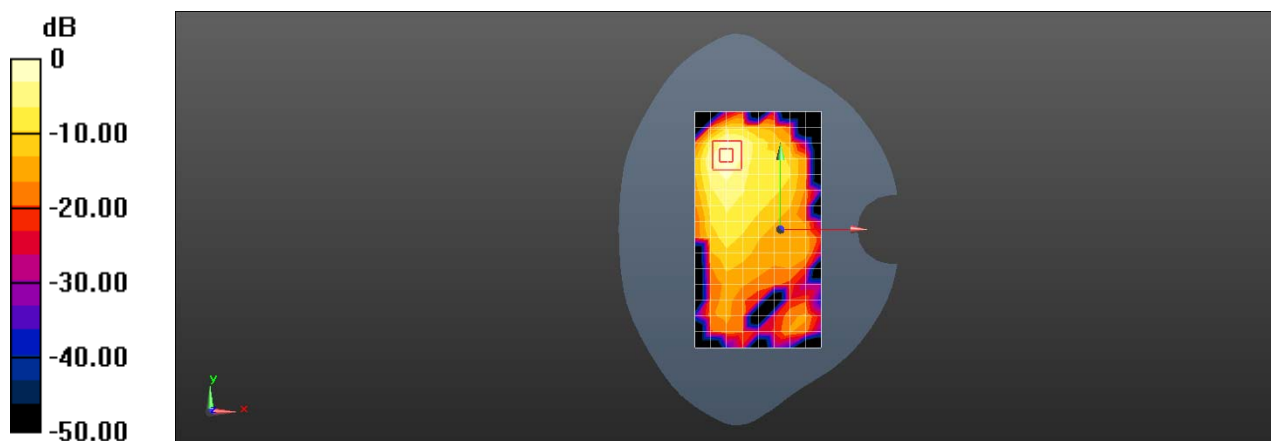
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.638 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.067 W/kg**

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg