



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 IV for Head & Body
WCDMA Band V for Head & Body
3. LTE
LTE Band 2 for Head & Body
LTE Band 4 for Head & Body
LTE Band 5 for Head & Body
LTE Band 7 for Head & Body
LTE Band 66 for Head & Body

Test Laboratory: SGS-SAR Lab

XT2091-4 GSM850 GSM 190CH Left cheek

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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; $\sigma = 0.947$ S/m; $\epsilon_r = 42.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.202 W/kg

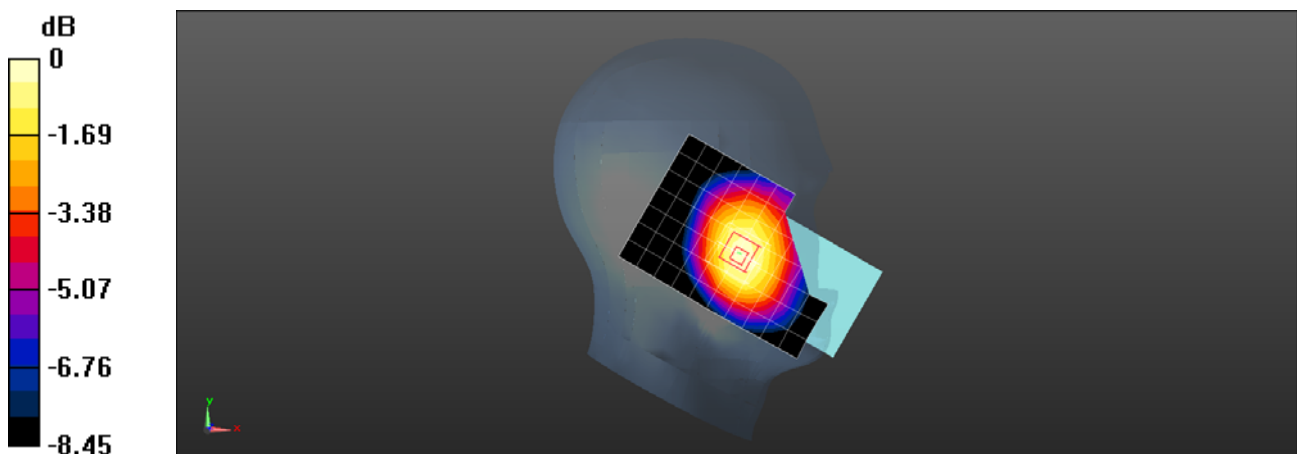
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.762 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg = -6.88 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 GSM850 GSM 128CH Back side with headset 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, GSM Only Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL835; Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 42.93$;

$\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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) = 0.954 W/kg

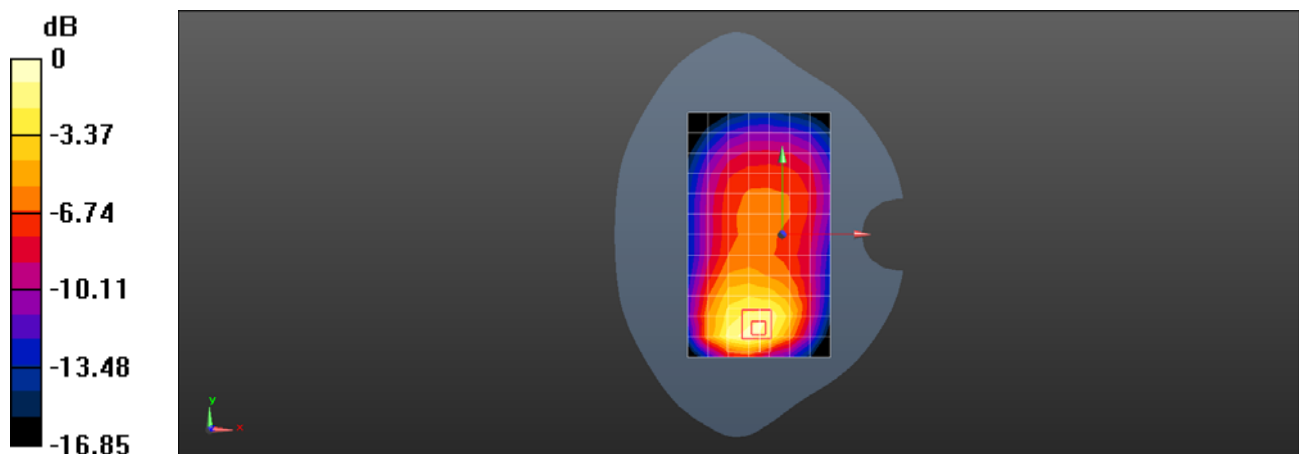
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.33 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.526 W/kg

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



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

Test Laboratory: SGS-SAR Lab

XT2091-4 GSM850 GPRS 2TS 128CH Back side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: HSL835; Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 42.539$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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) = 1.00 W/kg

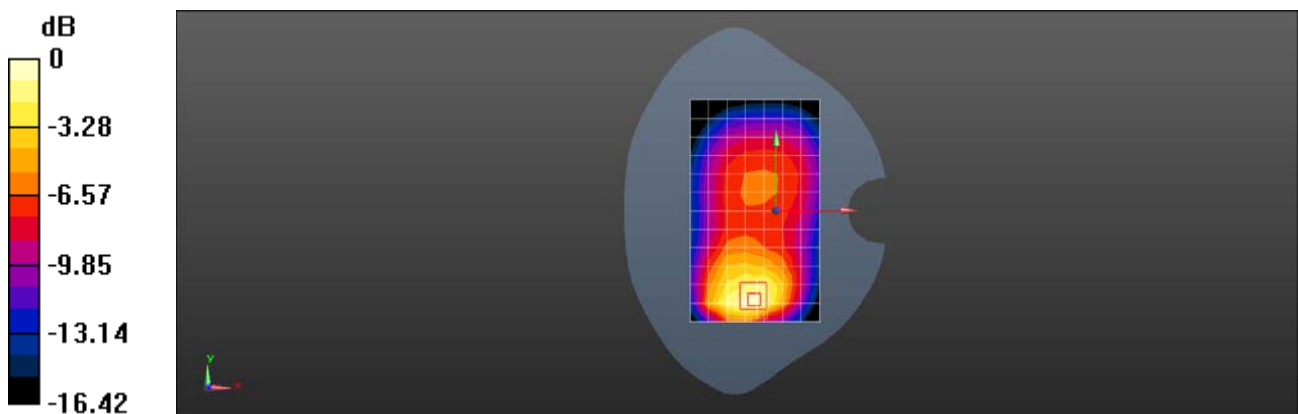
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.00 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.535 W/kg

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



Test Laboratory: SGS-SAR Lab

XT2091-4 GSM850 GPRS 2TS 190CH Back side 0mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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; $\sigma = 0.947$ S/m; $\epsilon_r = 42.86$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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) = 0.991 W/kg

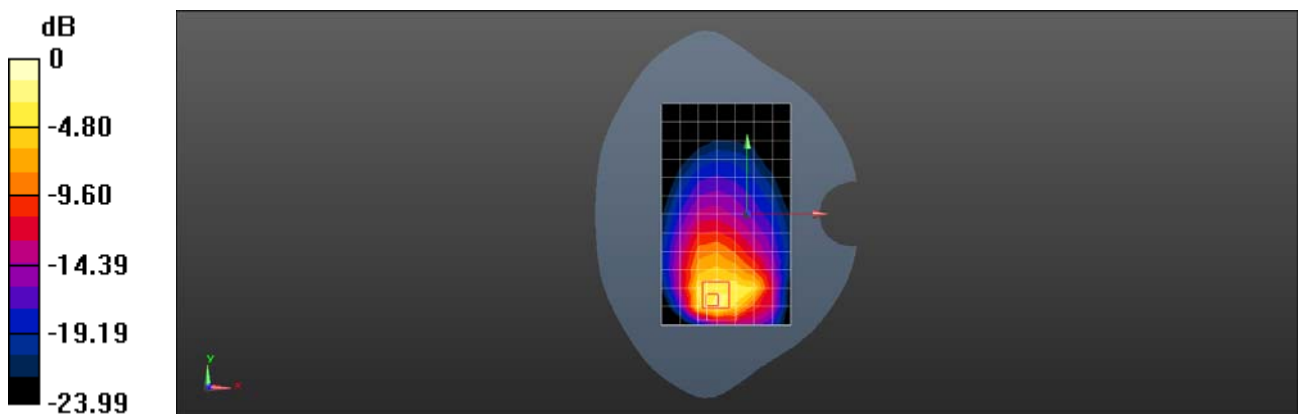
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.812 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.93 W/kg

SAR(1 g) = 1.45 W/kg; SAR(10 g) = 0.601 W/kg

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



Test Laboratory: SGS-SAR Lab

XT2091-4 GSM 1900 GSM 661CH Right cheek

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 40.374$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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) = 0.0237 W/kg

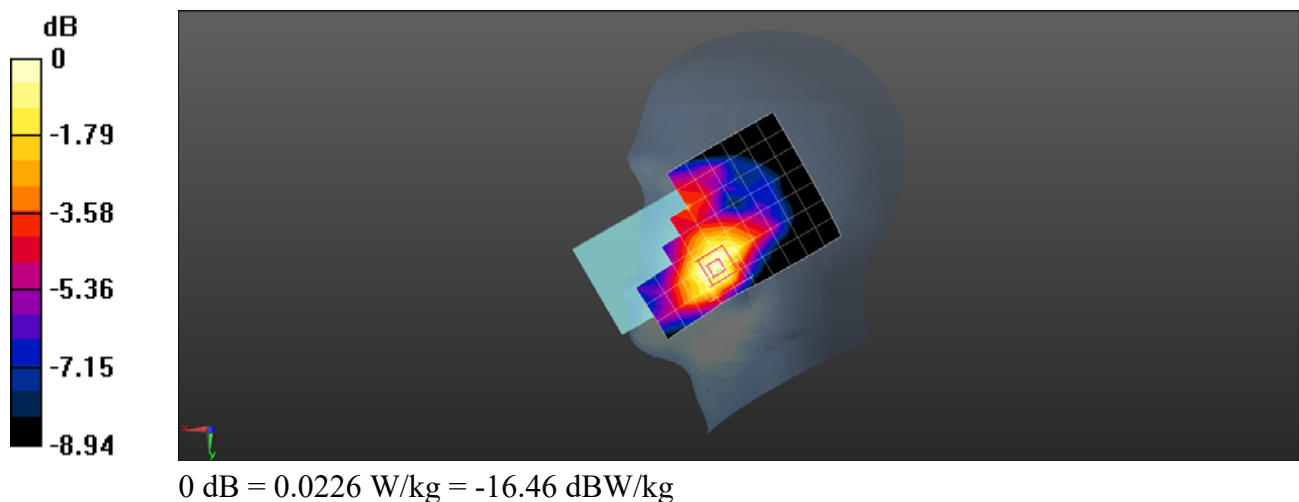
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.447 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0226 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 GSM 1900 GSM 512CH Back side with headset 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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; $\sigma = 1.372$ S/m; $\epsilon_r = 40.389$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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) = 0.644 W/kg

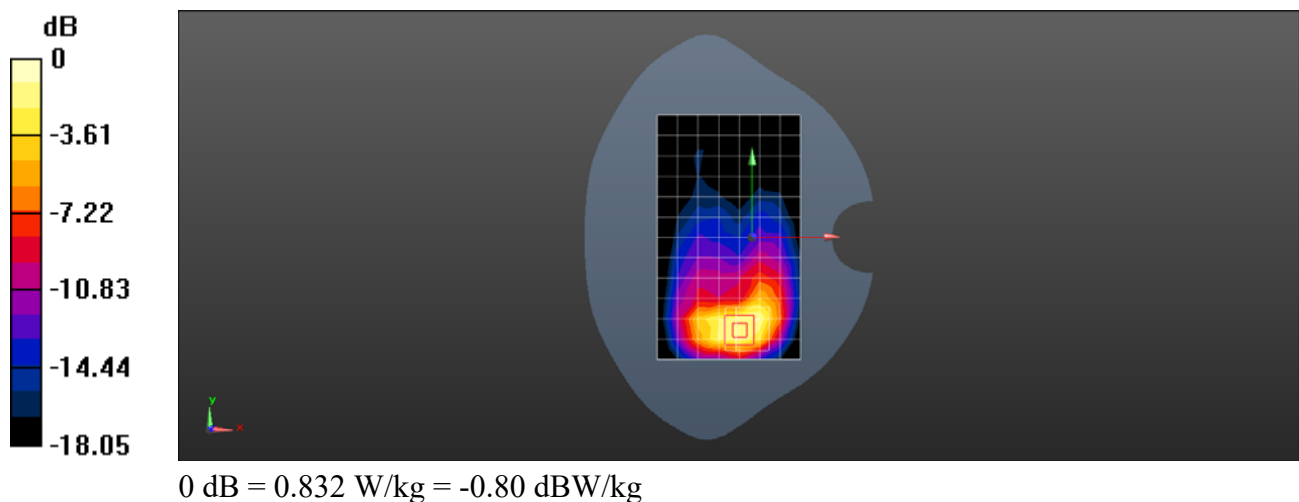
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.316 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.396 W/kg

Maximum value of SAR (measured) = 0.832 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 GSM 1900 GPRS 3TS 661CH Bottom side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, GPRS/EGPRS Mode(3up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 40.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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 (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.892 W/kg

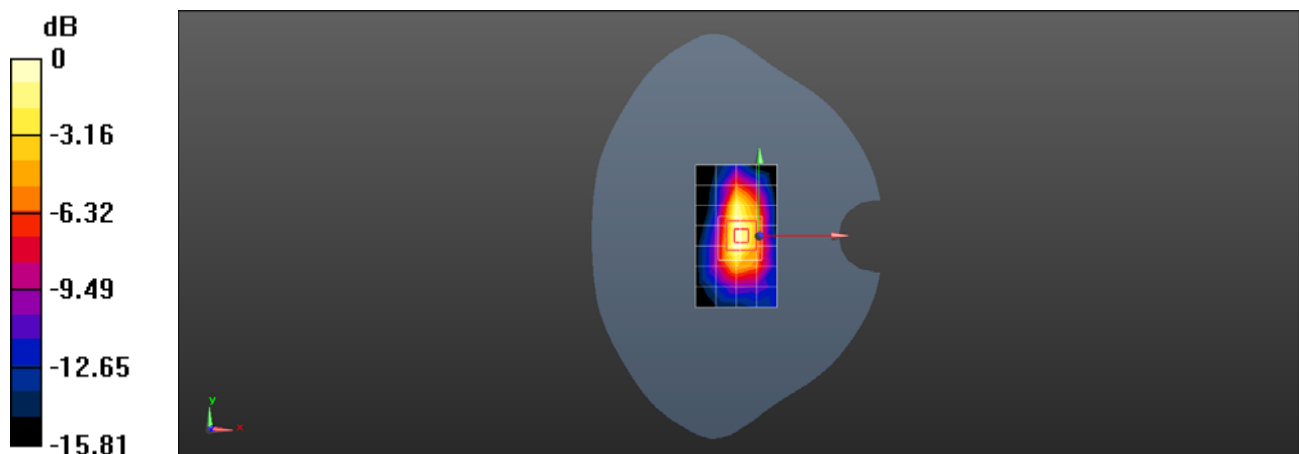
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.85 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 0.837 W/kg



0 dB = 0.837 W/kg = -0.77 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 GSM 1900 GPRS 3TS 661CH Bottom side 0mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, GPRS/EGPRS Mode(3up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 40.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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 (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 4.45 W/kg

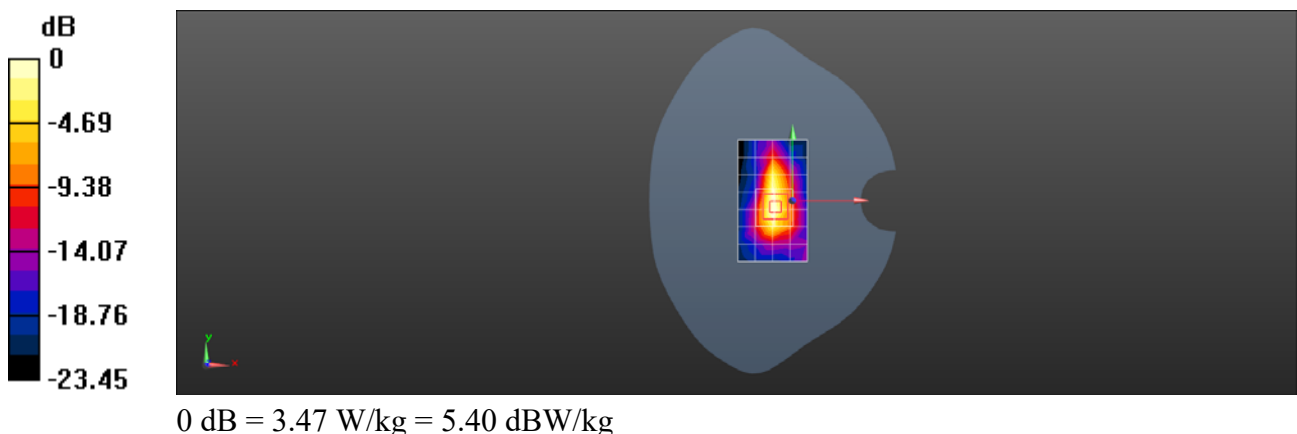
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 46.42 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.31 W/kg

SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 3.47 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band II 9400CH Right cheek

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 40.374$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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) = 0.116 W/kg

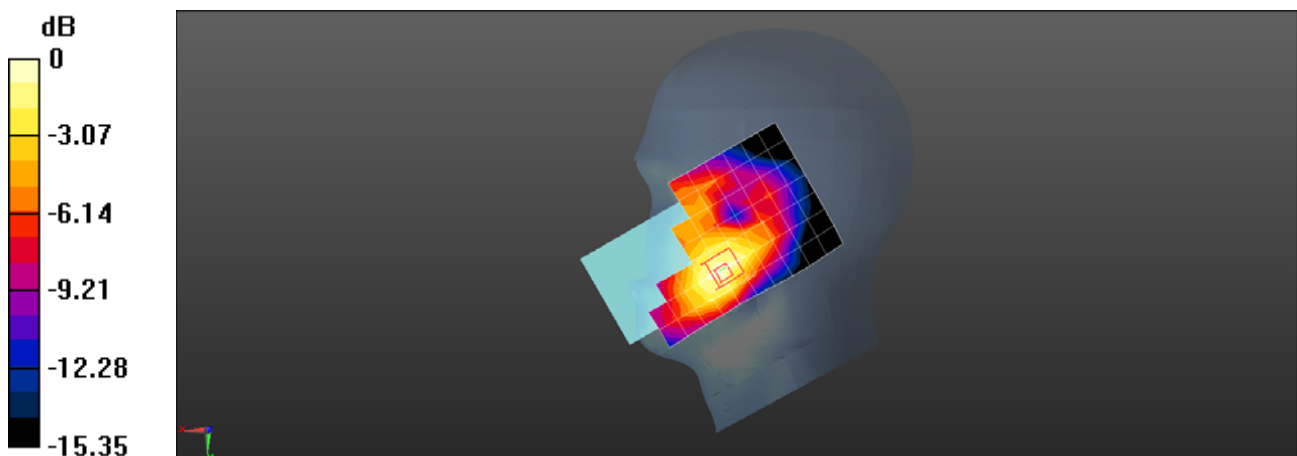
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.180 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.064 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

XT2091-4 WCDMA Band II 9400CH Back side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 40.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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) = 1.06 W/kg

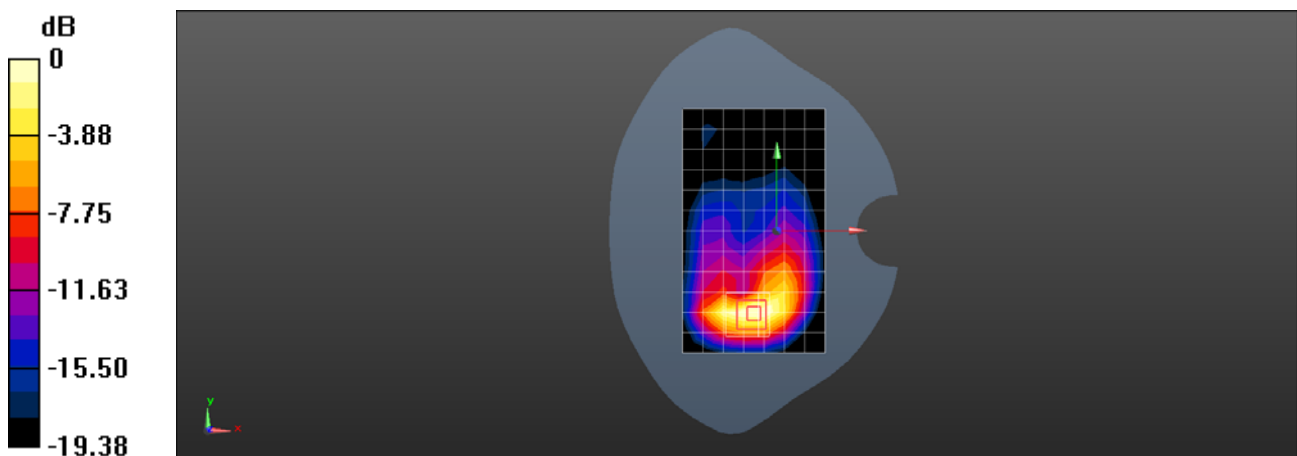
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.359 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 0.957 W/kg



0 dB = 0.957 W/kg = -0.19 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band II 9400CH Bottom side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 40.374$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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 (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.18 W/kg

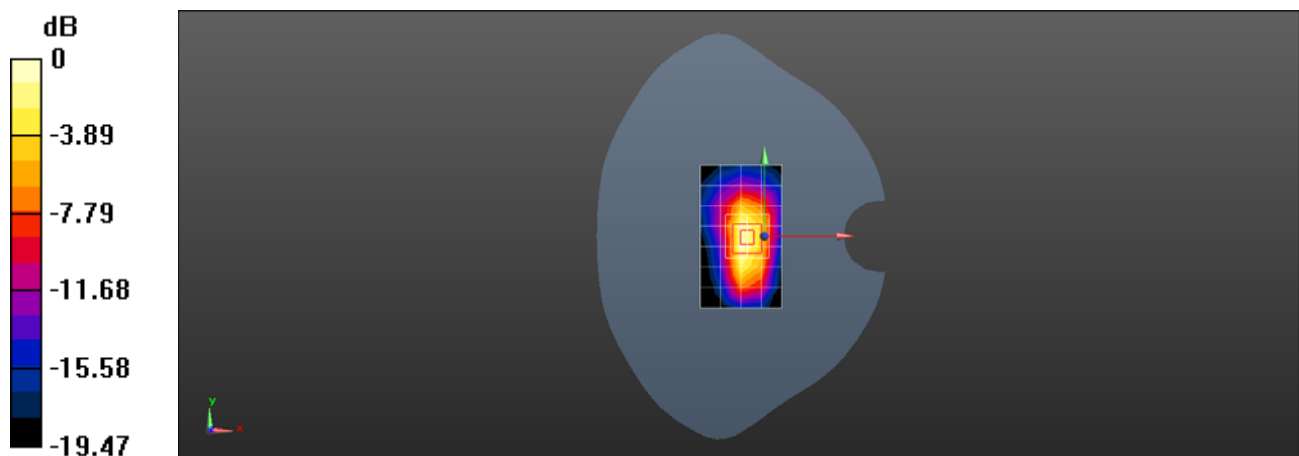
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.85 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.542 W/kg

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



0 dB = 1.35 W/kg = 1.30 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band II 9262CH Bottom side 0mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL1900; Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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 (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.41 W/kg

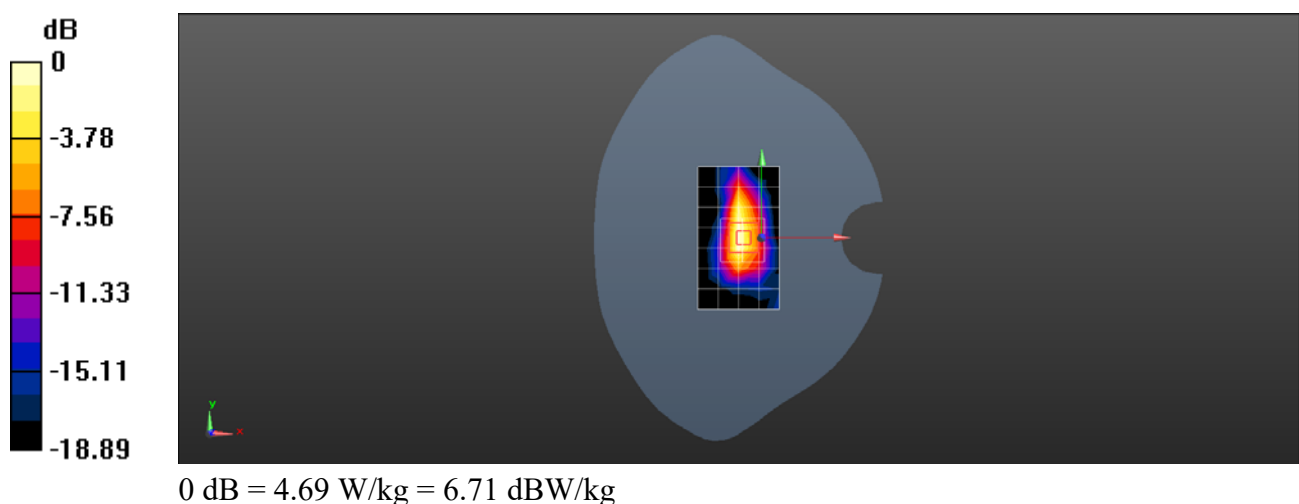
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.50 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.99 W/kg

SAR(1 g) = 3.66 W/kg; SAR(10 g) = 1.74 W/kg

Maximum value of SAR (measured) = 4.69 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band IV 1412CH Right cheek

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 40.448$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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) = 0.213 W/kg

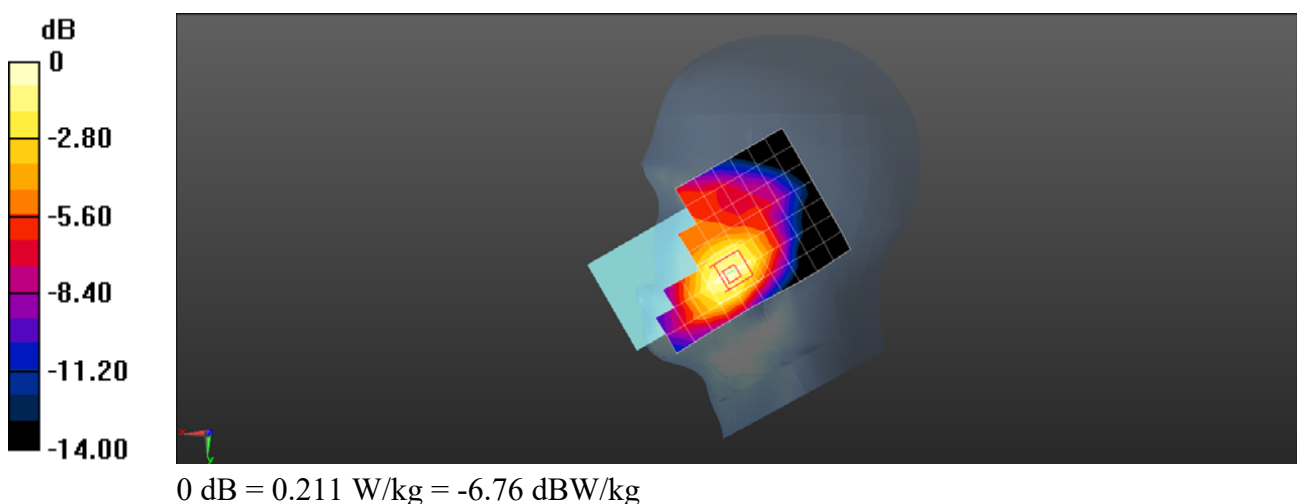
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.028 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.211 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band IV 1513CH Back side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 40.438$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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) = 1.33 W/kg

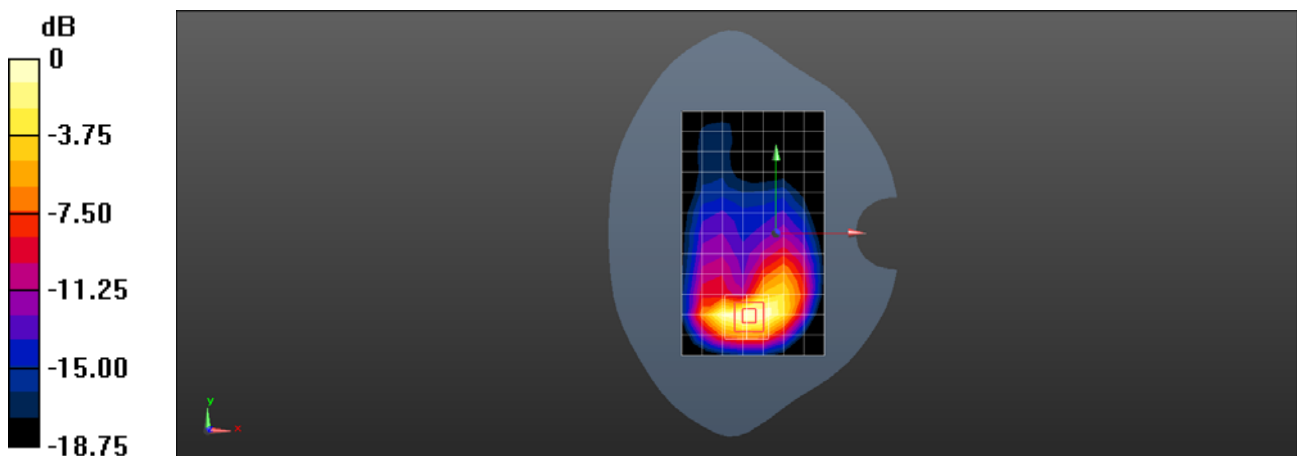
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.761 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.535 W/kg

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



Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band IV 1312CH Bottom side 5mm

DUT: XT2091-4; Type: Mobile Phone; Serial: NU2LV20111

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.304$ S/m; $\epsilon_r = 39.261$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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 (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.51 W/kg

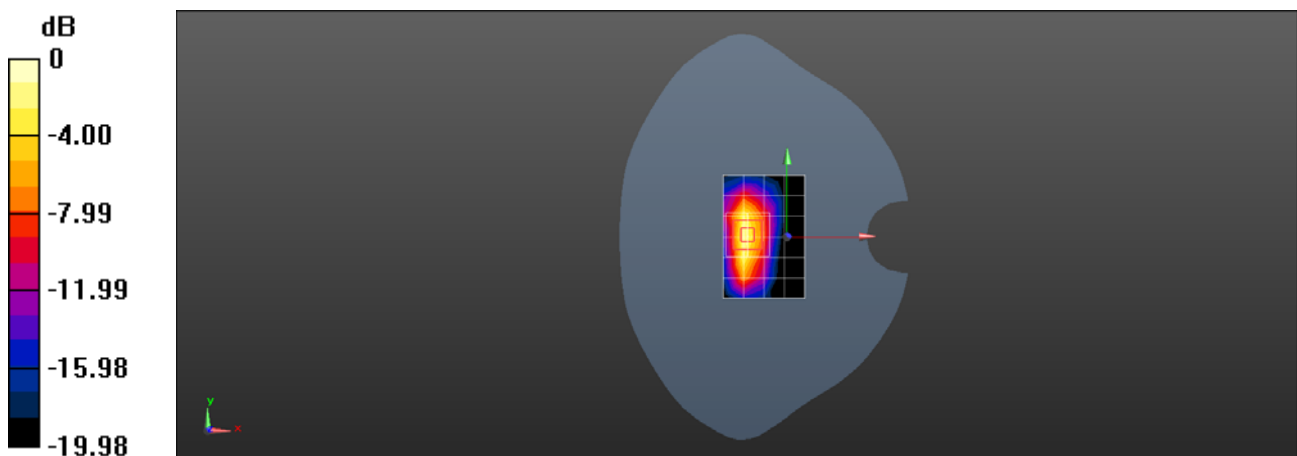
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.04 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.505 W/kg

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



Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band IV 1312CH Bottom side 0mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.307$ S/m; $\epsilon_r = 40.458$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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 (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.26 W/kg

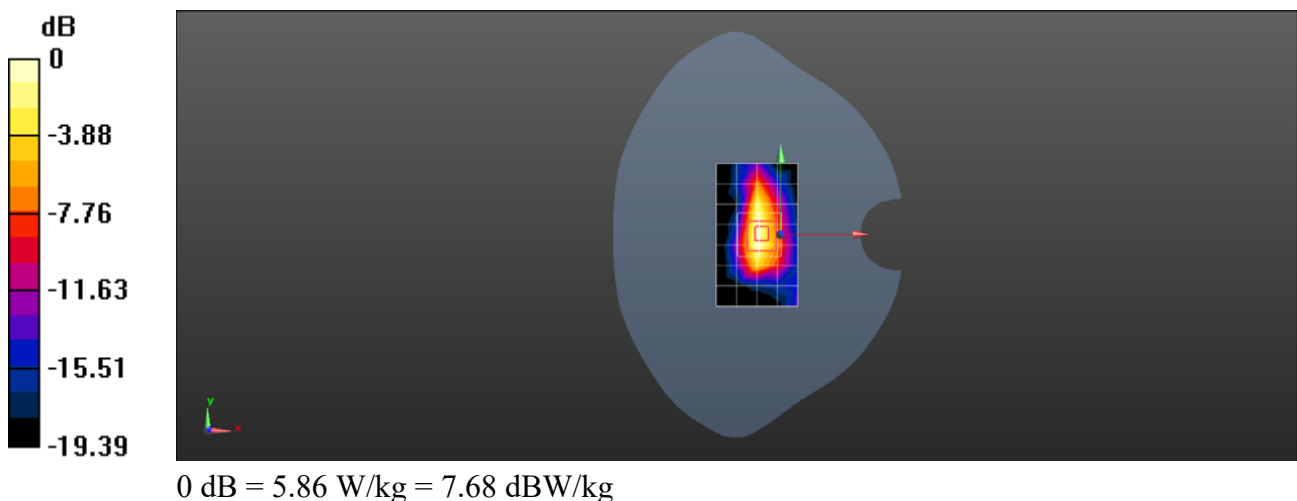
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 66.60 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.80 W/kg

SAR(1 g) = 4.76 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 5.86 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band V 4182CH Right cheek

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 42.866$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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) = 0.249 W/kg

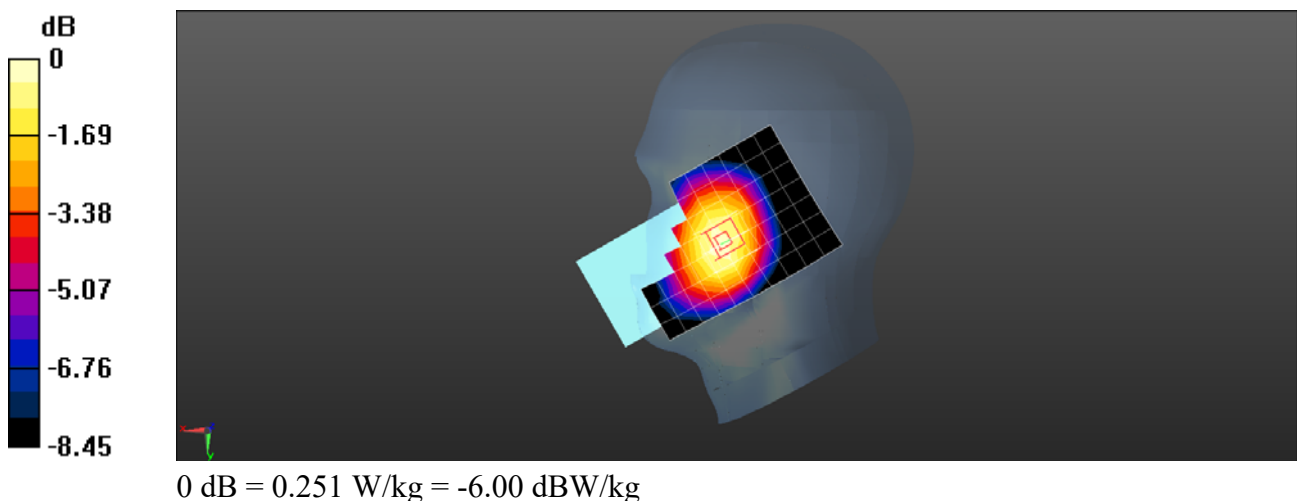
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.197 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.251 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 WCDMA Band V 4233CH Back side 5mm

DUT: XT2091-4; Type: Mobile Phone; Serial: NU2LV20111

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 847$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 40.561$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.37 W/kg

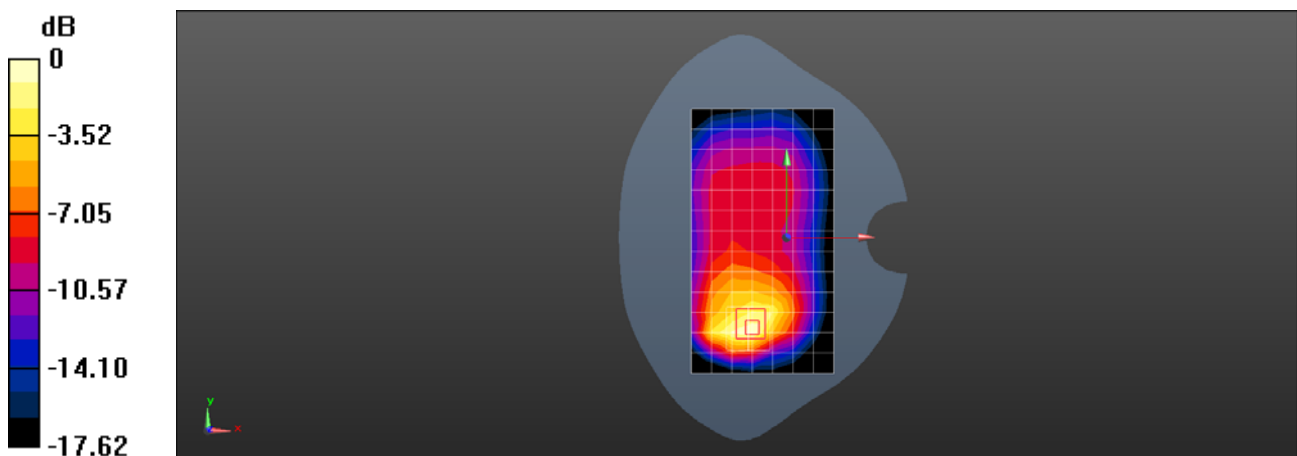
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.55 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.487 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 2 20M QPSK 1RB99 18700CH Right cheek

DUT: XT2091-4; Type: Mobile Phone; Serial: NU2LV20111

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.33$ S/m; $\epsilon_r = 40.764$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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) = 0.205 W/kg

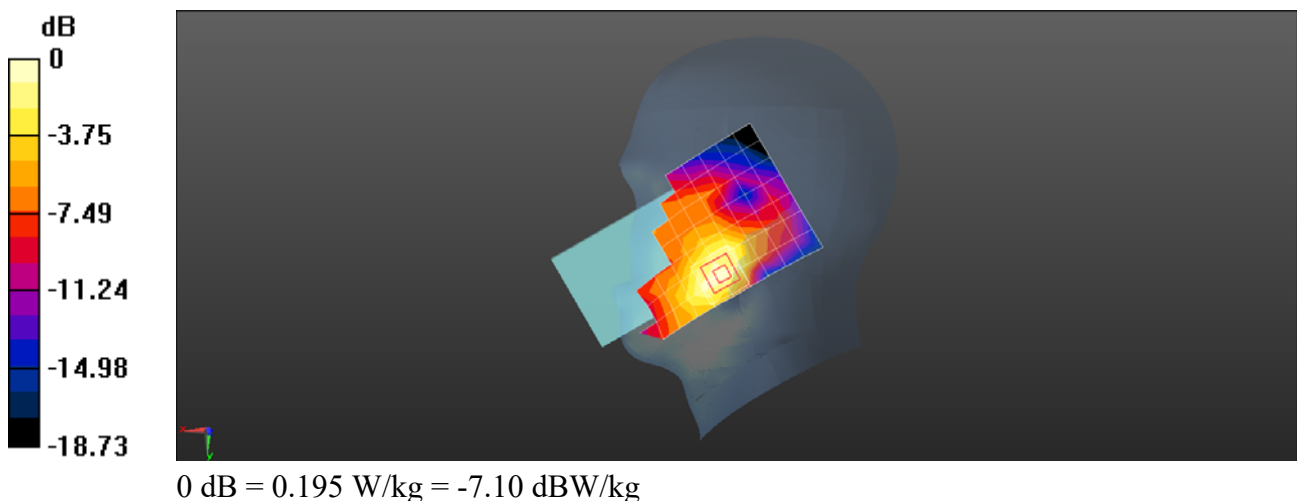
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.033 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 2 20M QPSK 100RB0 18700CH Back side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.384$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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) = 0.707 W/kg

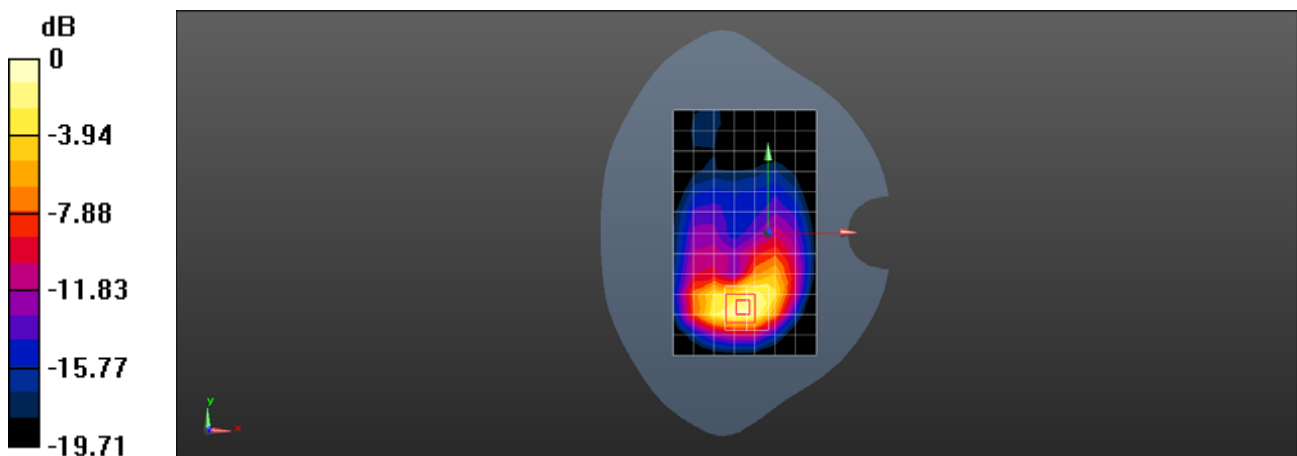
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.489 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 0.876 W/kg



0 dB = 0.876 W/kg = -0.57 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 2 20M QPSK 50RB50 19100CH Bottom side 0mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 40.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020/04/01;
- 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 (5x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 6.02 W/kg

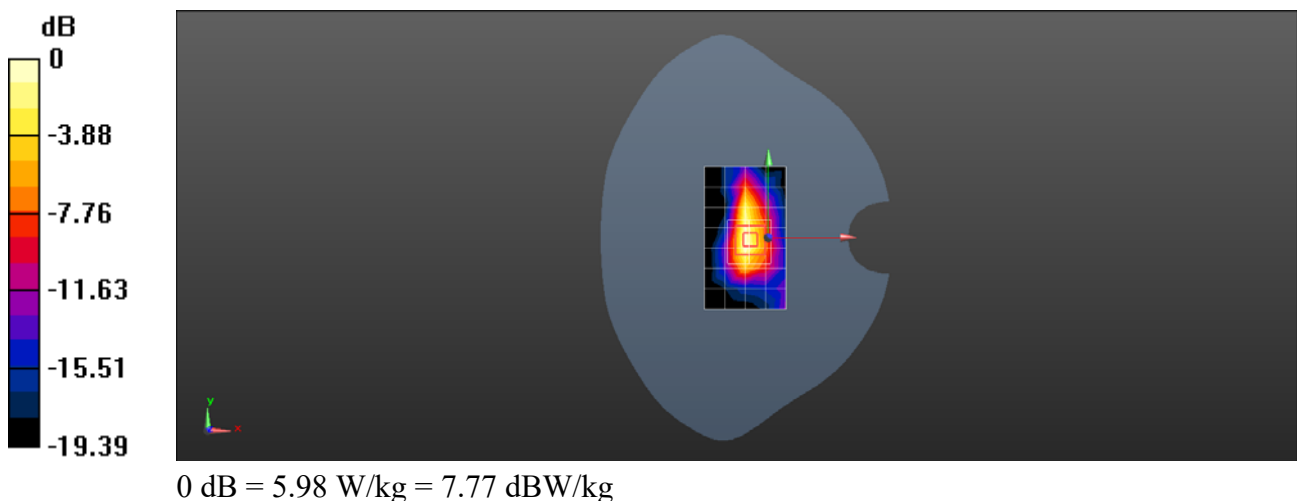
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.31 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.64 W/kg

SAR(1 g) = 4.66 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 5.98 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 4 20M QPSK 1RB99 20175CH Right cheek

DUT: XT2091-4; Type: Mobile Phone; Serial: NU2LV20111

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.33$ S/m; $\epsilon_r = 39.222$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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) = 0.272 W/kg

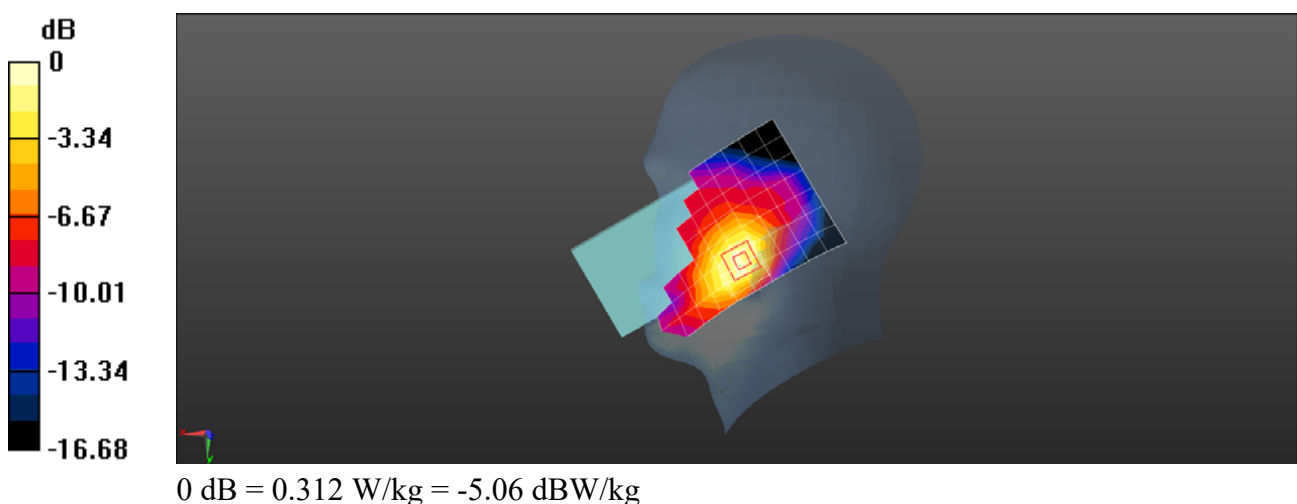
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.084 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.144 W/kg

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



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 4 20M QPSK 50RB50 20050CH Back side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.454$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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) = 0.919 W/kg

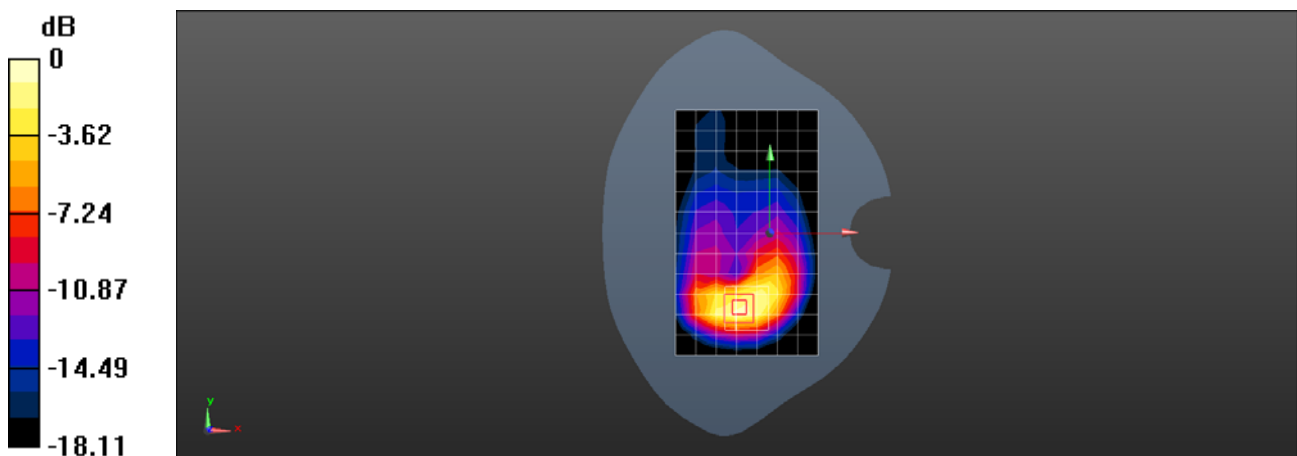
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.423 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.495 W/kg

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



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 4 20M QPSK 50RB50 20050CH Bottom side 5mm

DUT: XT2091-4; Type: Mobile Phone; Serial: NU2LV20111

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 39.231$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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 (5x8x1): Measurement grid: dx=15mm, dy=15mm

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

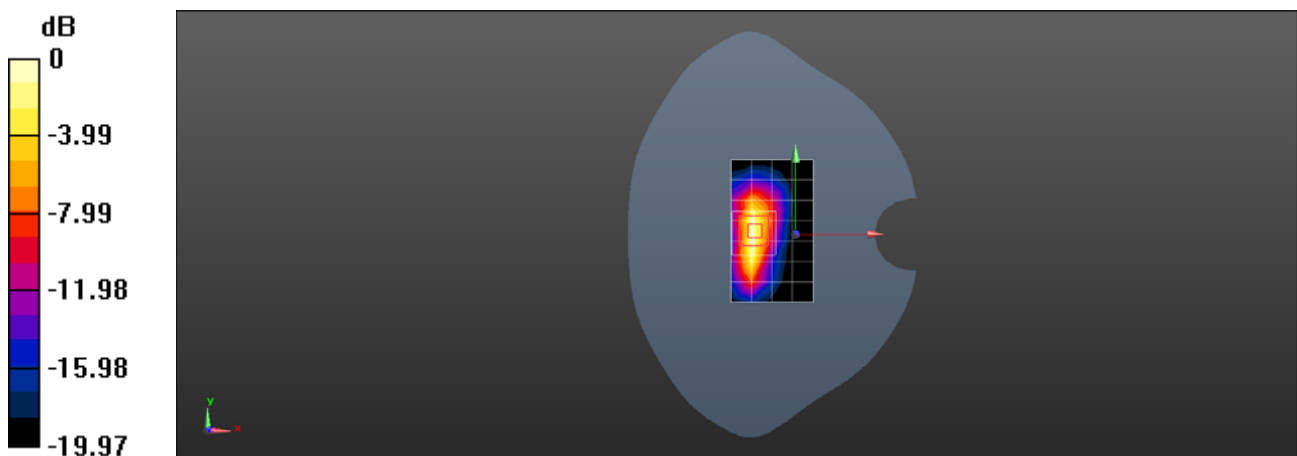
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.11 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.432 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 4 20M QPSK 50RB50 20300CH Back side 0mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 40.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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) = 5.04 W/kg

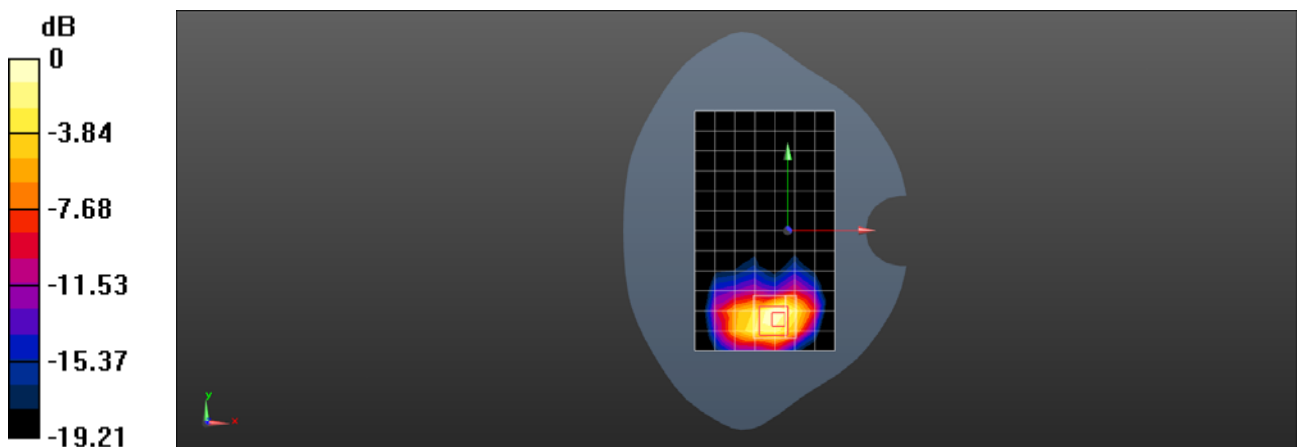
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.528 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 8.12 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 4.29 W/kg



0 dB = 4.29 W/kg = 6.32 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 5 10M QPSK 1RB49 20525CH Left cheek

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

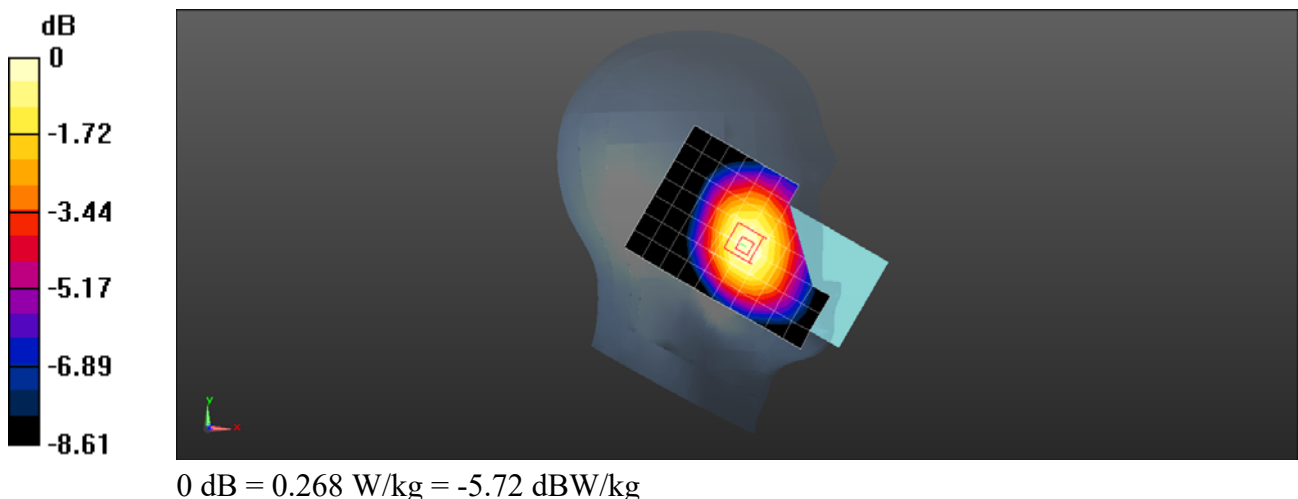
Medium: HSL835; Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 42.865$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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) = 0.268 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.104 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.198 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 5 10M QPSK 1RB49 20450CH Back side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL835; Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 42.908$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

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

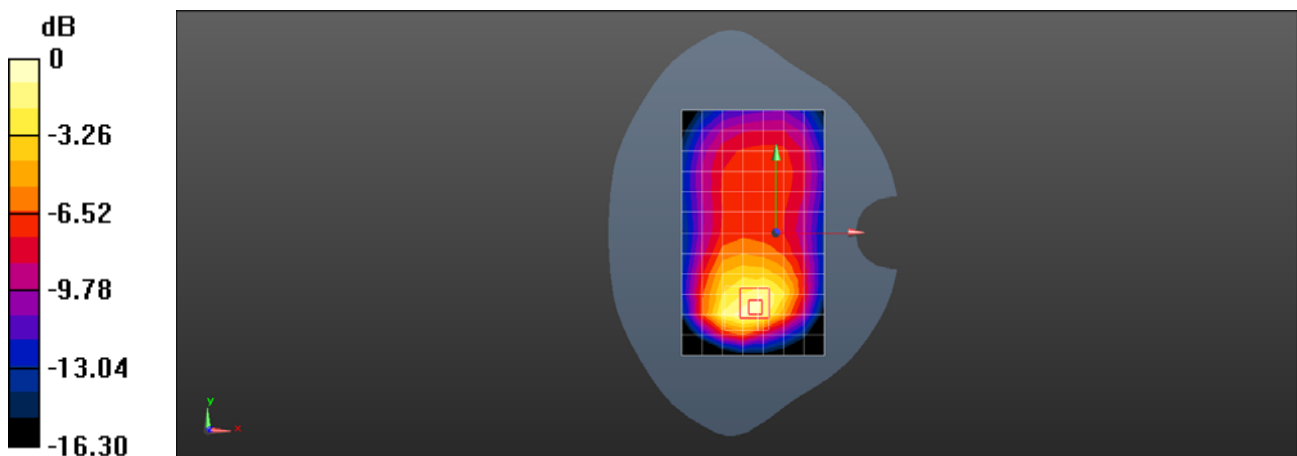
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.41 V/m ; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.08 W/kg ; SAR(10 g) = 0.615 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 5 10M QPSK 1RB49 20525CH Back side 0mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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; $\sigma = 0.947$ S/m; $\epsilon_r = 42.865$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/04/01;
- 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) = 2.46 W/kg

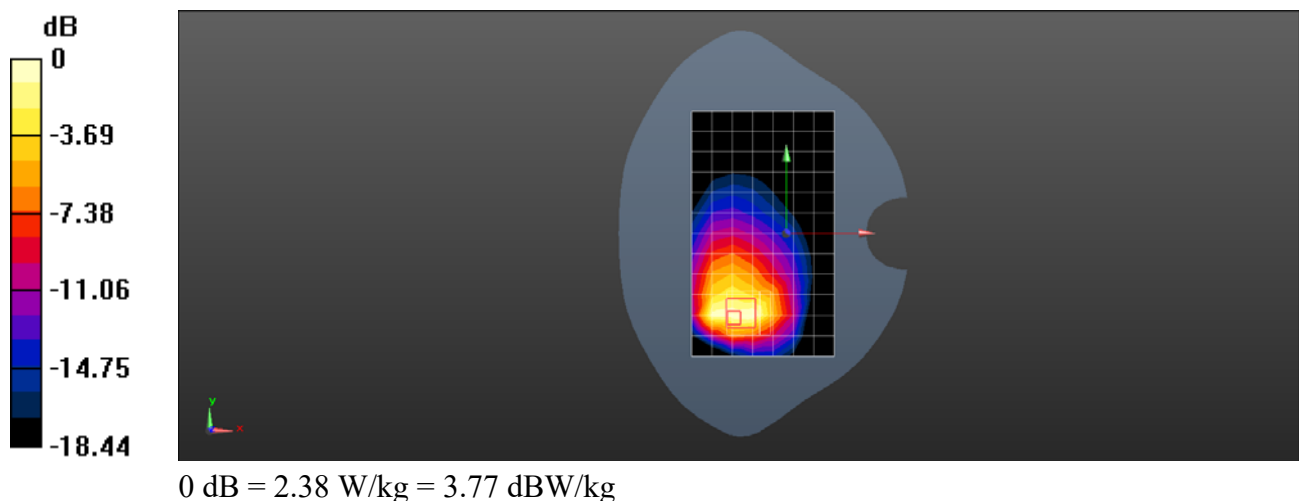
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.66 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 5.81 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.06 W/kg

Maximum value of SAR (measured) = 2.38 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 7 20M QPSK 1RB99 20850CH Left cheek

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

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

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.926$ S/m; $\epsilon_r = 37.756$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.42, 7.42, 7.42); Calibrated: 2020/04/01;
- 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 (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.342 W/kg

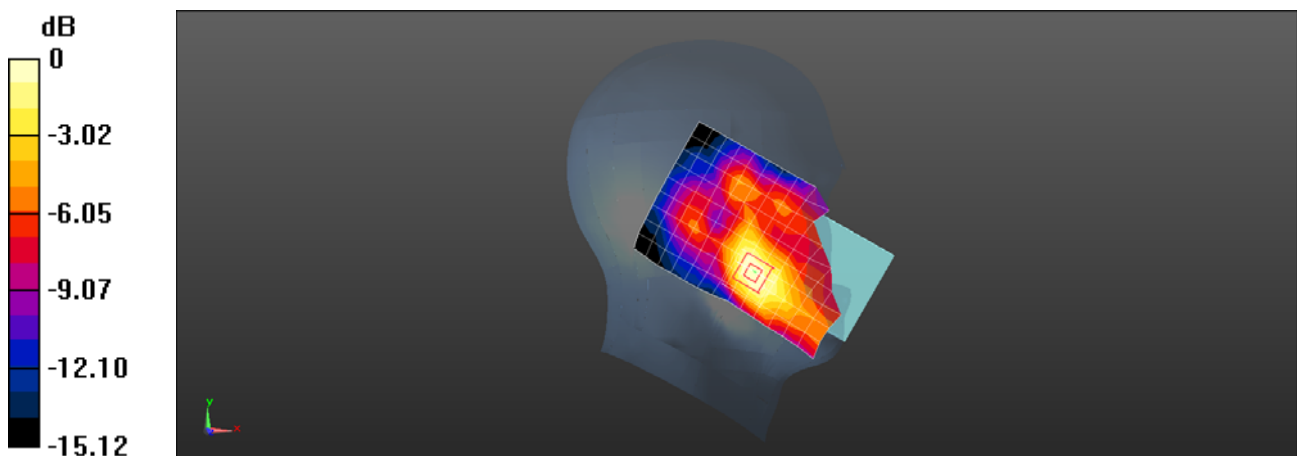
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.403 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.306 W/kg = -5.14 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 7 20M QPSK 1RB99 21100CH Back side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 37.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.42, 7.42, 7.42); Calibrated: 2020/04/01;
- 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 (10x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.889 W/kg

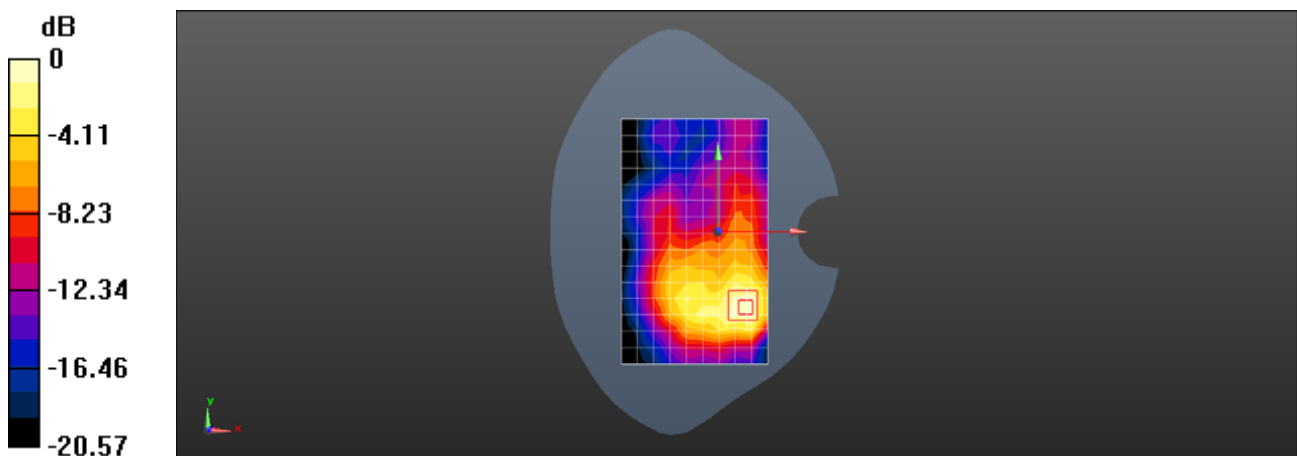
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.958 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.488 W/kg

Maximum value of SAR (measured) = 0.961 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 7 20M QPSK 1RB0 21100CH Back side 0mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 37.716$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.42, 7.42, 7.42); Calibrated: 2020/04/01;
- 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 (10x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.08 W/kg

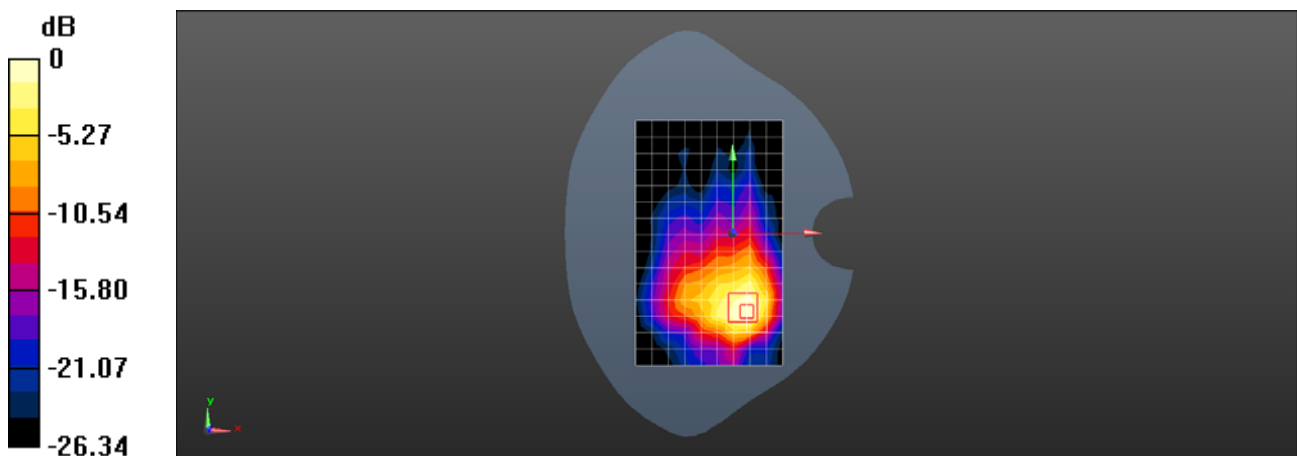
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.645 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 4.36 W/kg; SAR(10 g) = 2.28 W/kg

Maximum value of SAR (measured) = 4.81 W/kg



0 dB = 4.81 W/kg = 6.82 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 66 20M QPSK 1RB99 132322CH Right cheek

DUT: XT2091-4; Type: Mobile Phone; Serial: NU2LV20111

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 40.697$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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) = 0.227 W/kg

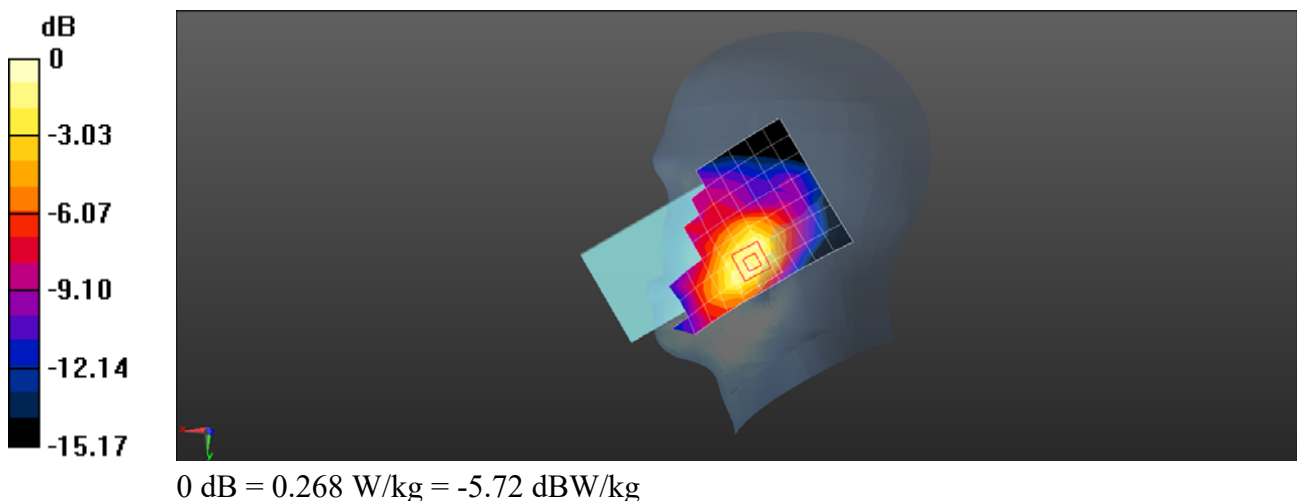
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.072 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.268 W/kg



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 66 20M QPSK 1RB99 132572CH Back side 5mm

DUT: XT2091-4; Type: Mobile phone; Serial: NU2LV20112

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 40.429$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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) = 0.997 W/kg

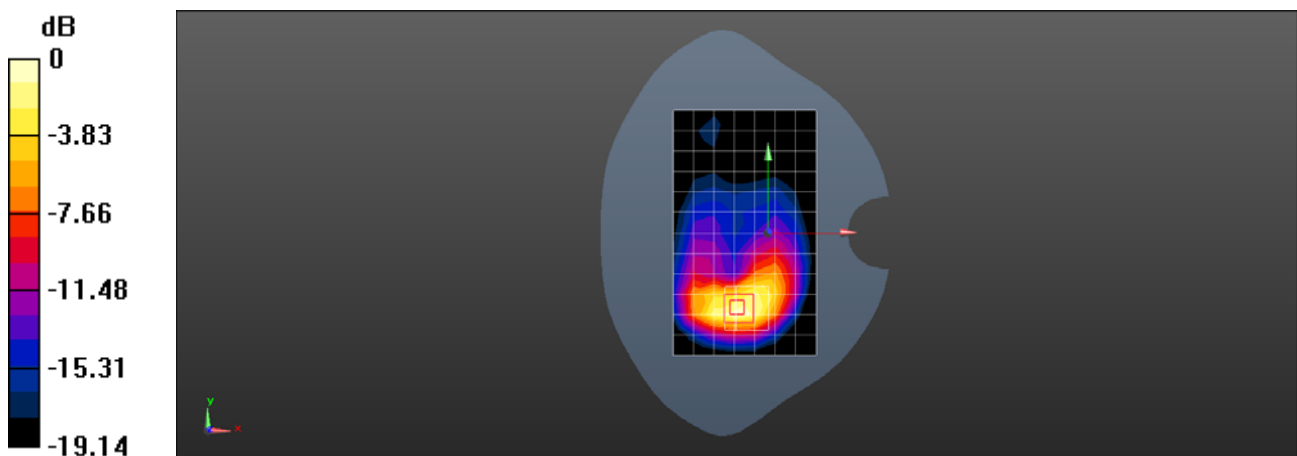
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.041 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.500 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

XT2091-4 LTE Band 66 20M QPSK 1RB99 132572CH Bottom side 5mm

DUT: XT2091-4; Type: Mobile Phone; Serial: NU2LV20111

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 40.576$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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 (5x8x1): Measurement grid: dx=15mm, dy=15mm

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

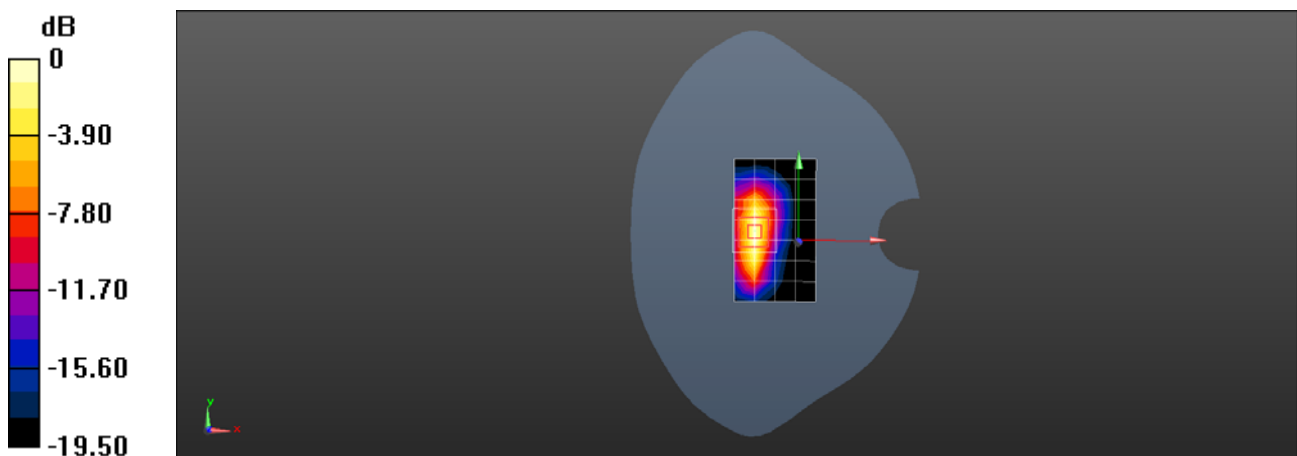
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.250 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.442 W/kg

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



Test Laboratory: SGS-SAR Lab

XT2091-4 LTE Band 66 20M QPSK 1RB99 132322CH Back side 0mm

DUT: XT2091-4; Type: Mobile Phone; Serial: NU2LV20111

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 40.697$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.50, 8.50, 8.50); Calibrated: 2020/04/01;
- 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 (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.44 W/kg

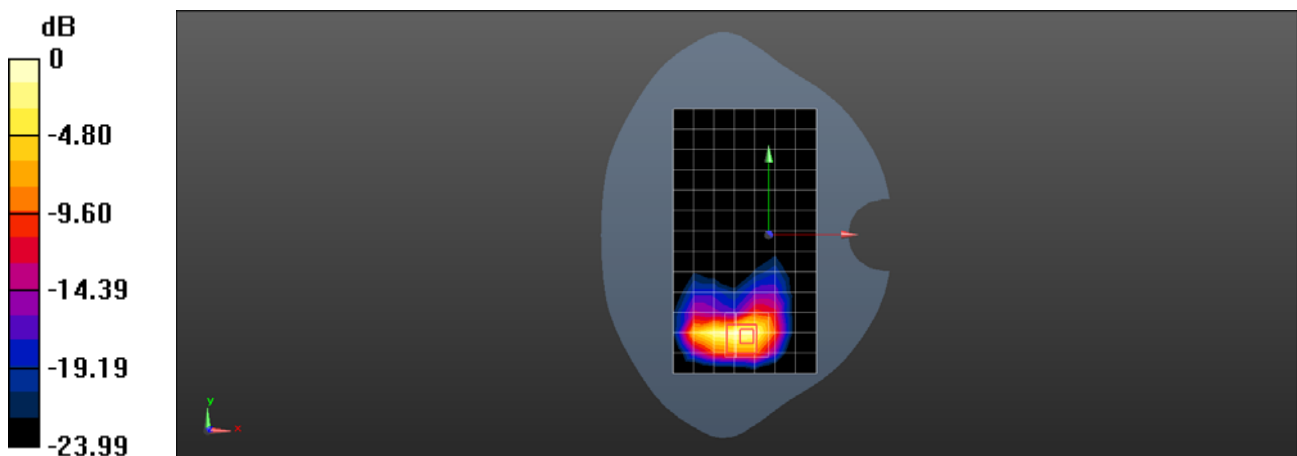
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.506 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 4.71 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (measured) = 8.89 W/kg



0 dB = 8.89 W/kg = 9.49 dBW/kg