

Appendix B

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Report No.: AR/2021/1000808

BT for Head & Body

Test Laboratory: SGS-SAR Lab

M2103K19G GSM 850 GSM 190CH Left cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

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/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.109 W/kg

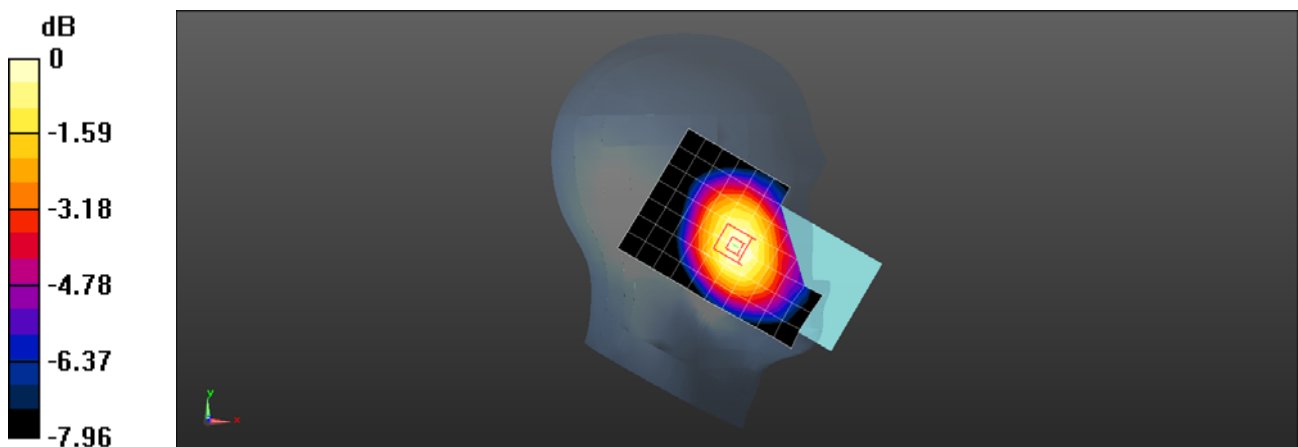
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.907 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G GSM 850 GSM 190CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

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/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.108 W/kg

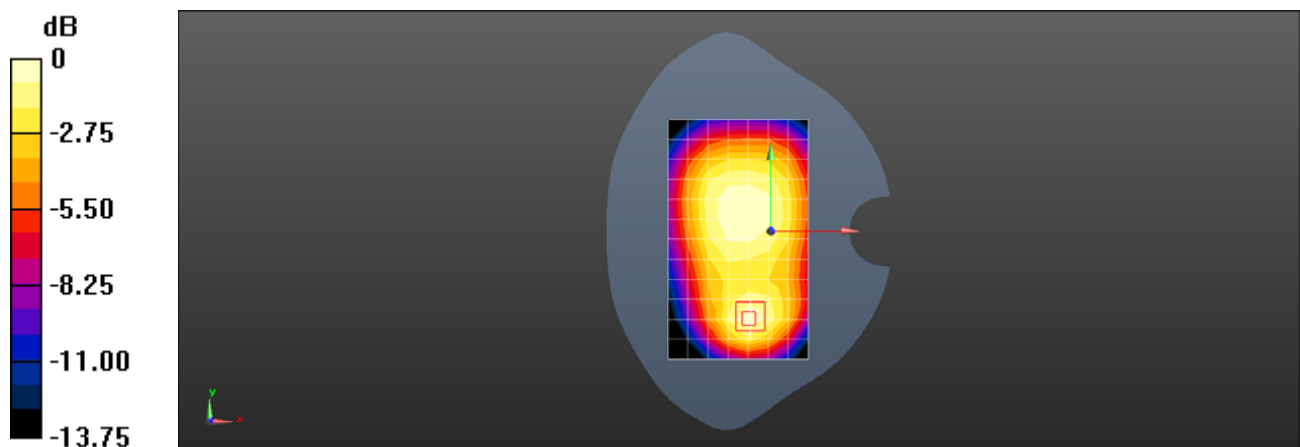
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.974 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.056 W/kg

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



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

Test Laboratory: SGS-SAR Lab

M2103K19G GSM 850 GPRS 4TS 190CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

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

kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.0985 W/kg

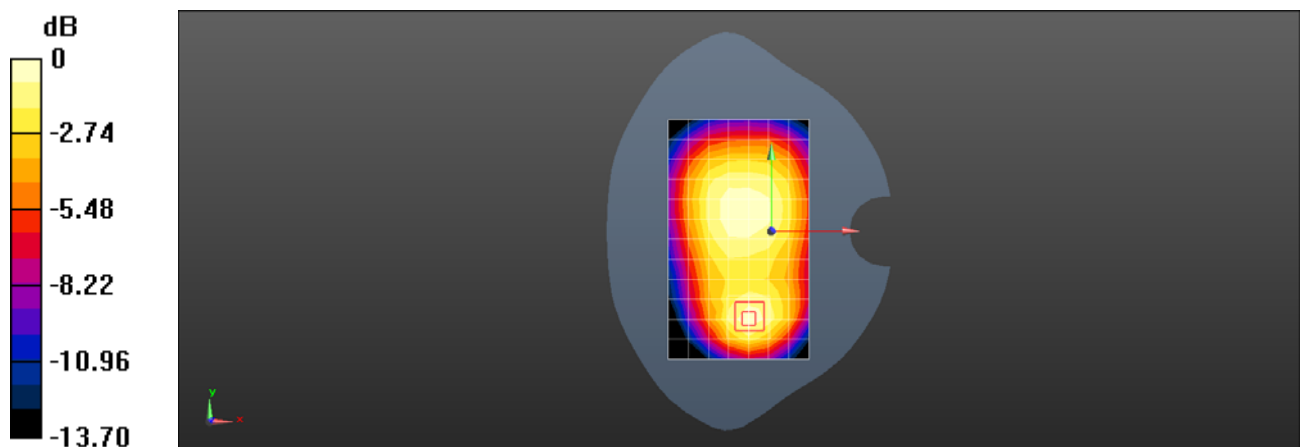
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.352 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0980 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G GSM 850 GSM 251CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 848.6 MHz; Duty Cycle: 1:2.075

Medium: HSL835; Medium parameters used: $f = 849$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 41.643$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.805 W/kg

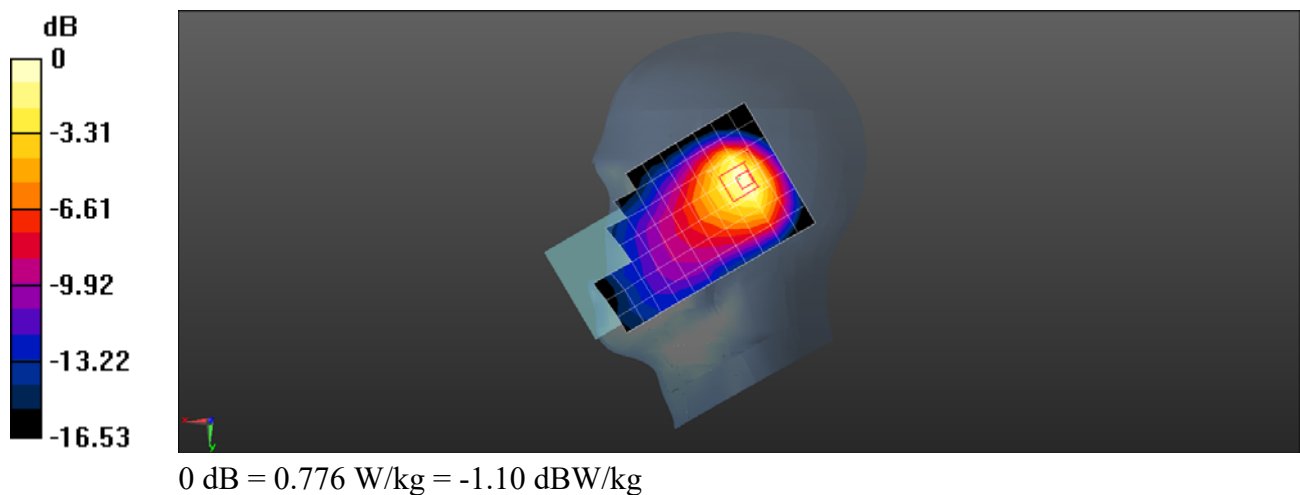
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.56 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 0.776 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G GSM 850 GSM 190CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

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/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.295 W/kg

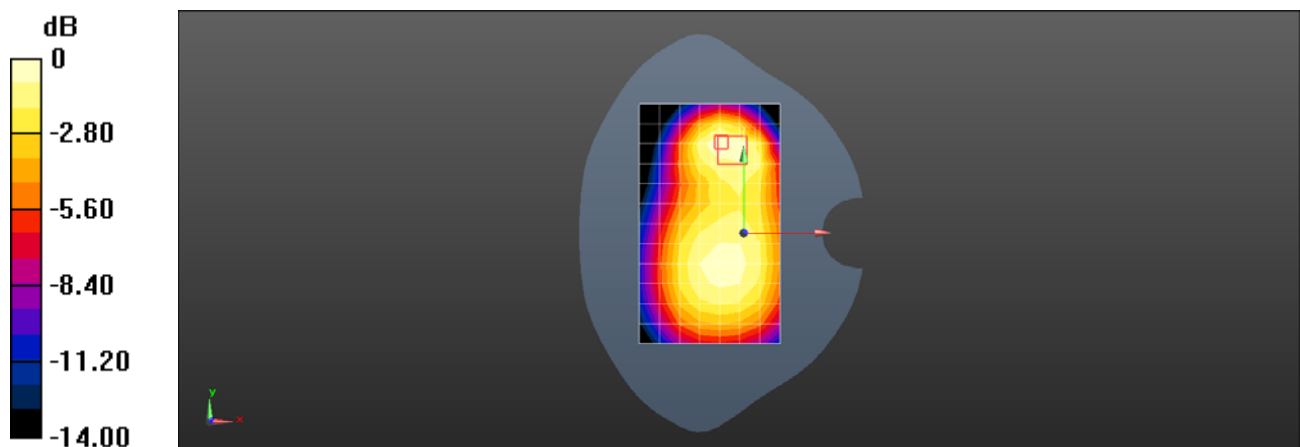
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.69 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.297 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G GSM 850 GPRS 4TS 190CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

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

kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.228 W/kg

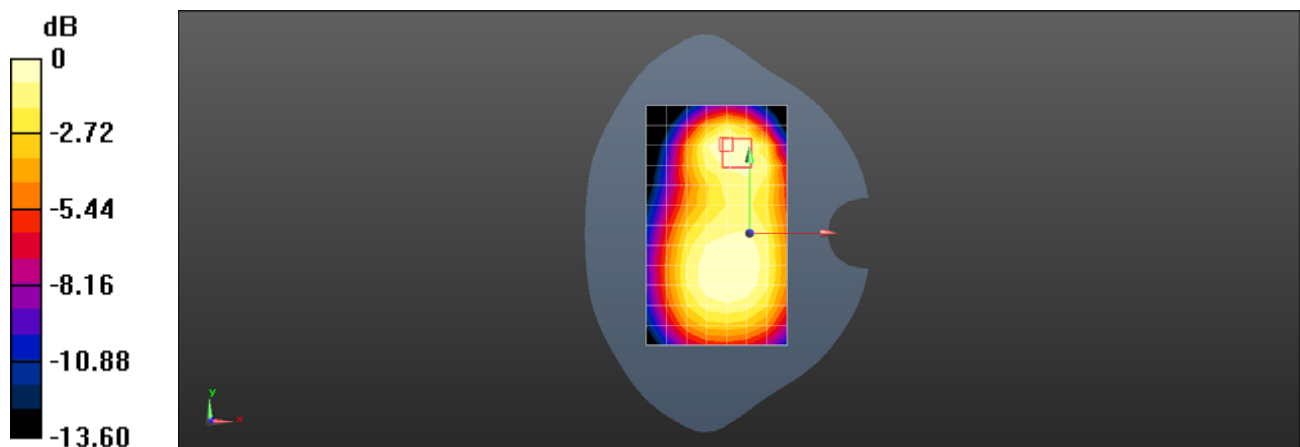
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.73 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G GSM1900 GSM 661CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile phone; Serial: 860441050047096

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 38.544$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 0.0561 W/kg

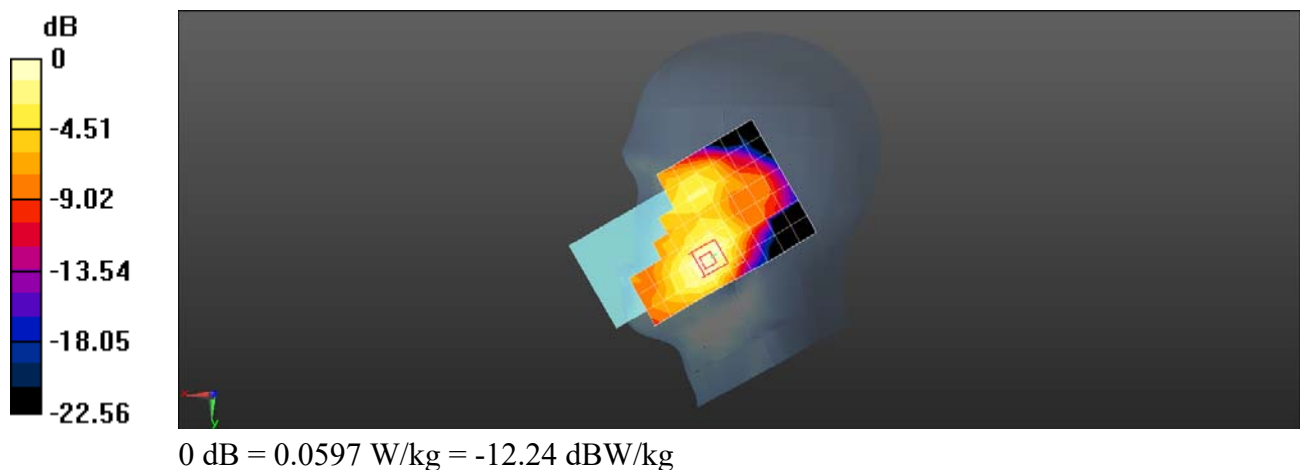
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.676 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0597 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G GSM 1900 GSM 661CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 0.248 W/kg

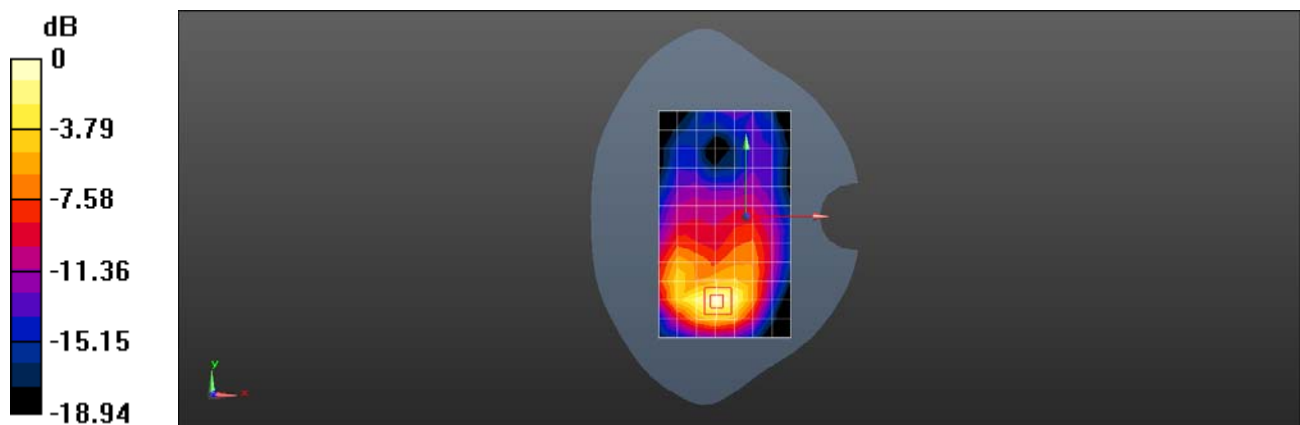
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.018 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.098 W/kg

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



0 dB = 0.251 W/kg = -6.00 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G GSM 1900 GPRS 4TS 661CH Bottom side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 0.470 W/kg

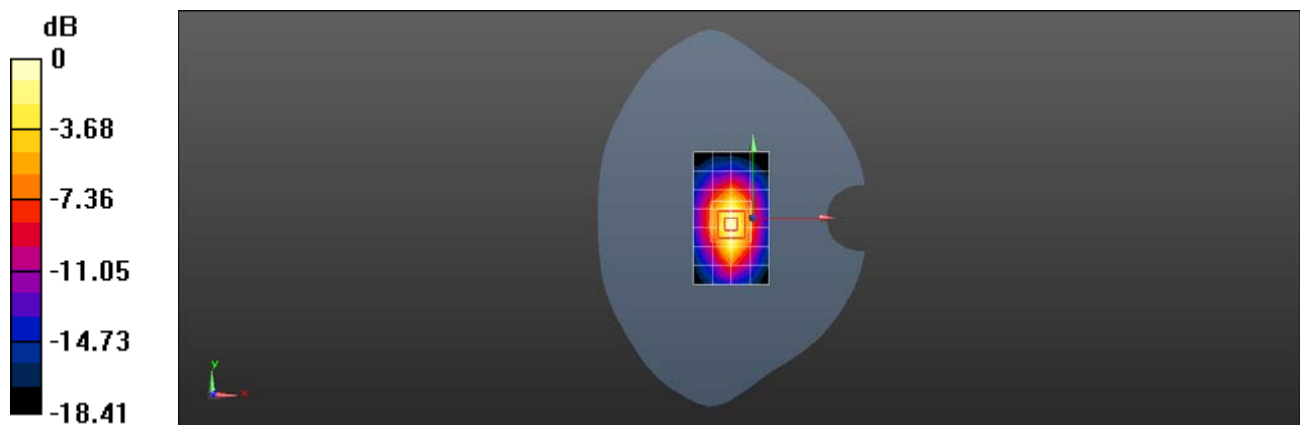
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.99 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.589 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.467 W/kg = -3.31 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G GSM 1900 GSM 661CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.671 W/kg

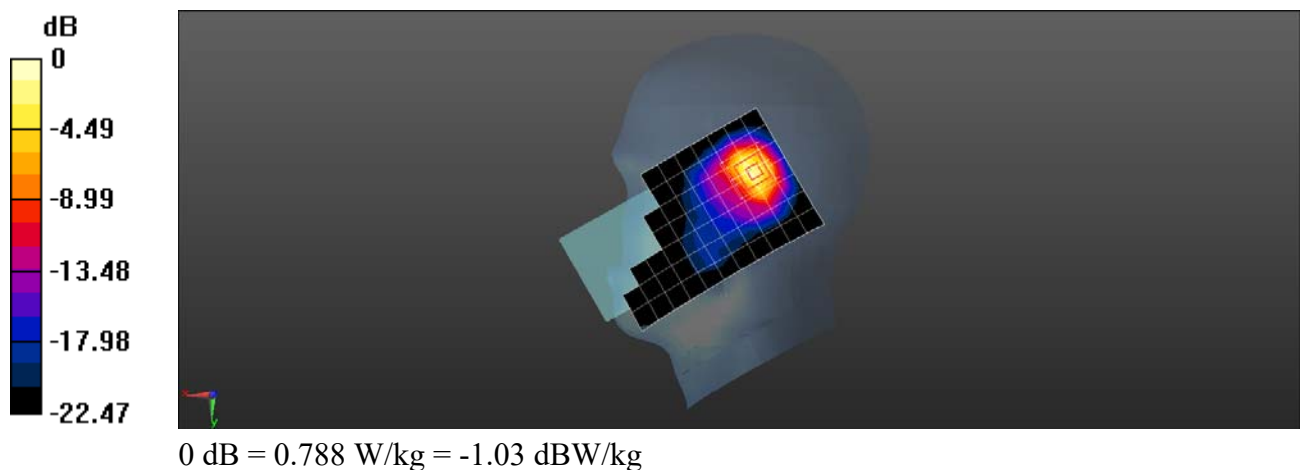
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.36 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.788 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G GSM 1900 GSM 661CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 0.197 W/kg

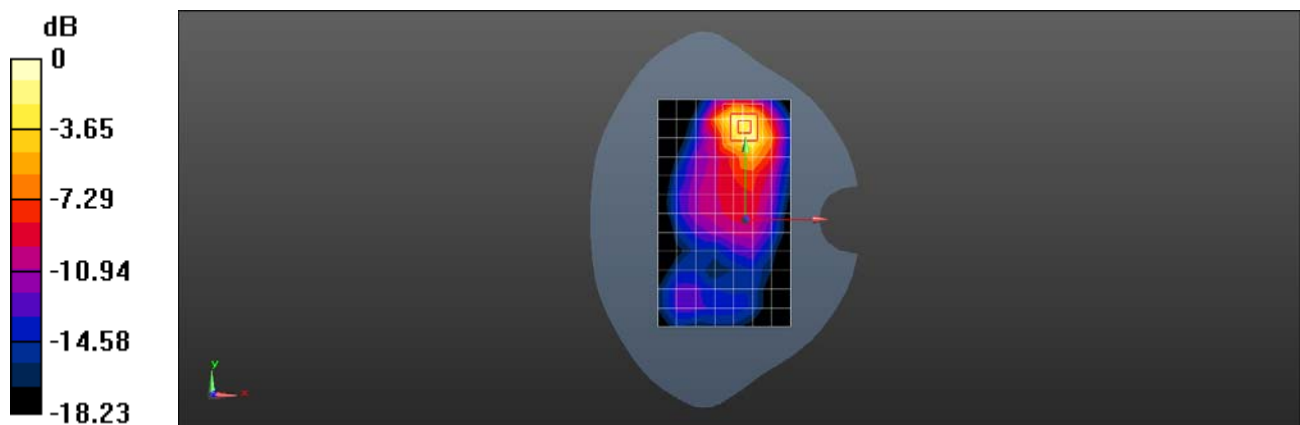
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.196 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.096 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G GSM 1900 GPRS 4TS 661CH Top side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 0.410 W/kg

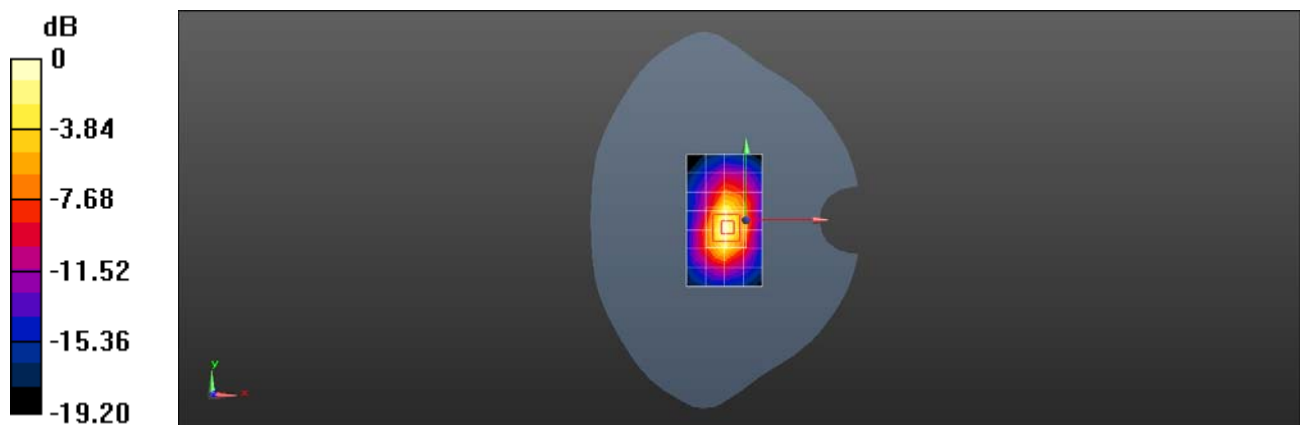
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.50 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.137 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band II RMC 9400CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.119 W/kg

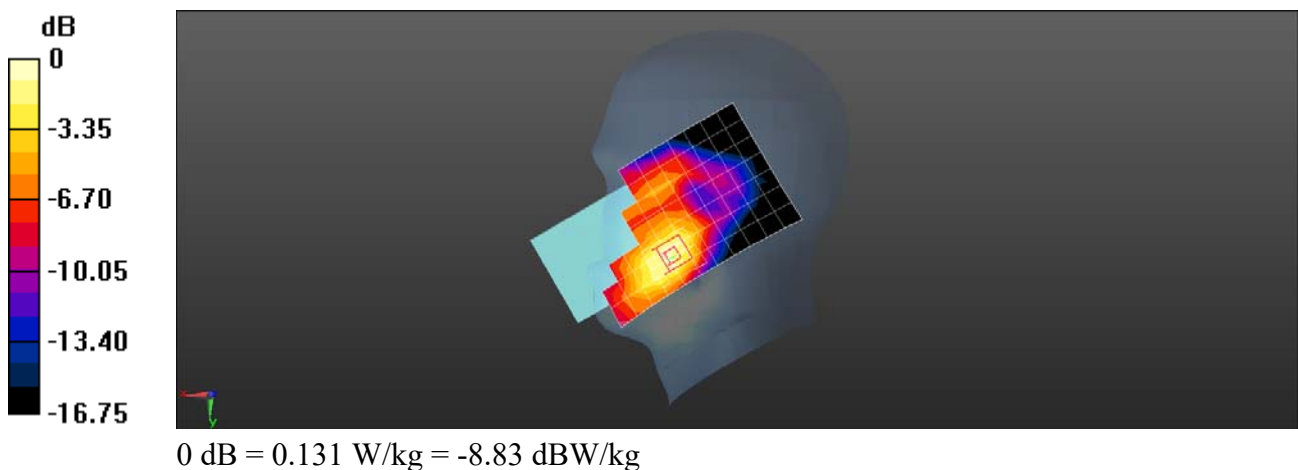
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.568 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.131 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band II RMC 9400CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- 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) = 0.729 W/kg

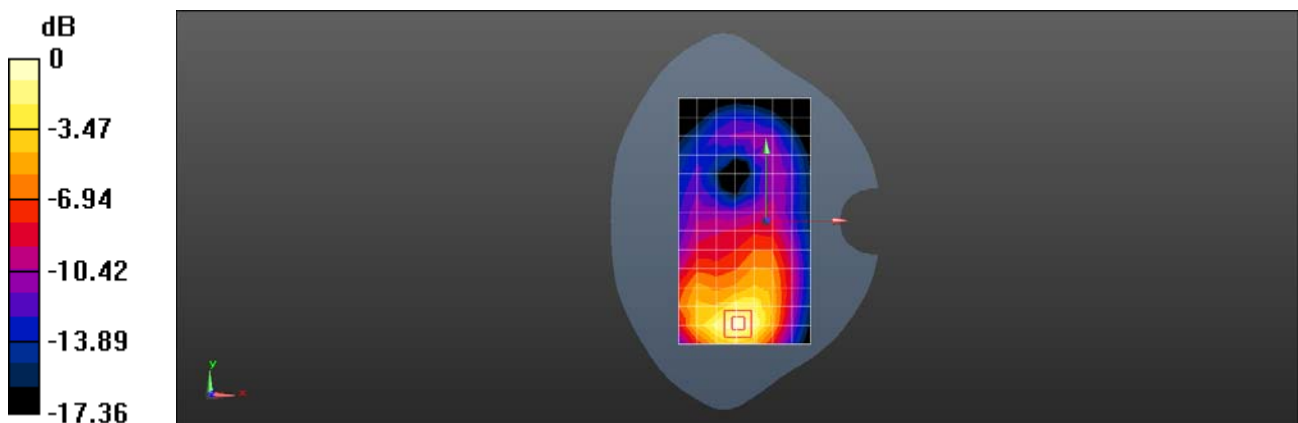
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.995 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.891 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



0 dB = 0.733 W/kg = -1.35 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band II RMC 9262CH Bottom side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 40.618$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.26 W/kg

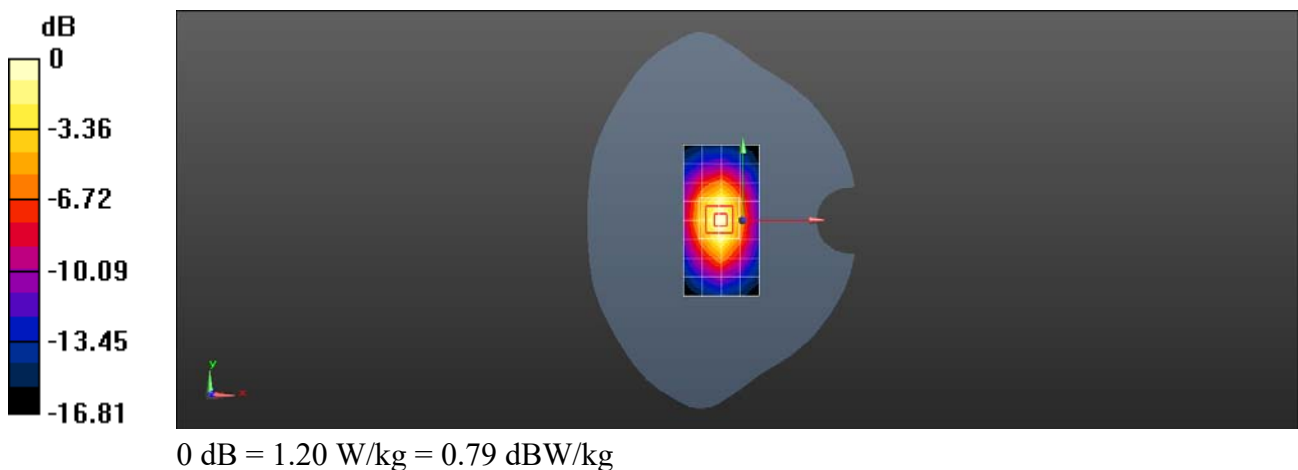
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.60 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.492 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band II RMC 9400CH Back side 0mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 3.51 W/kg

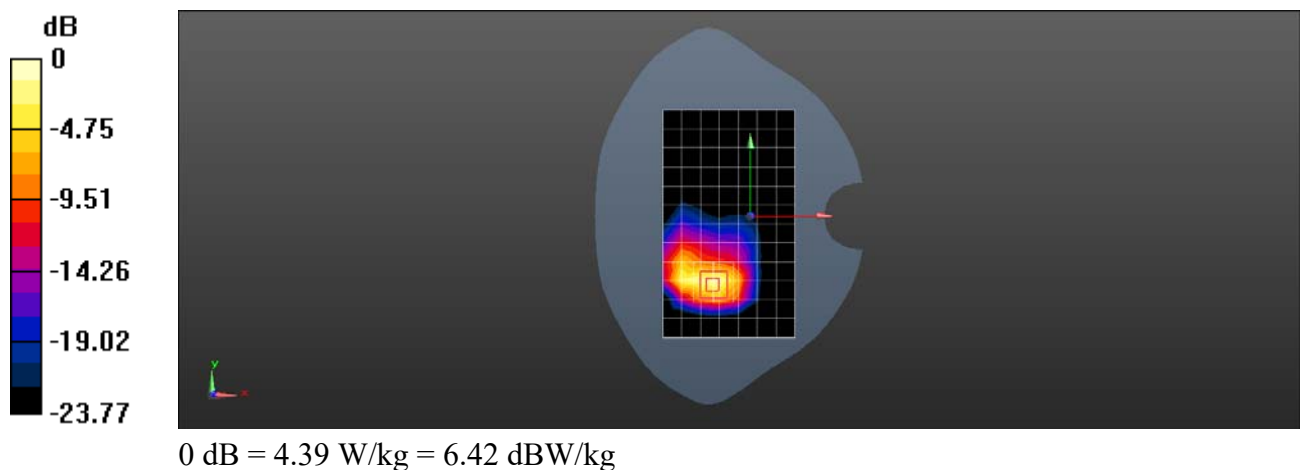
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.567 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.04 W/kg

SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.27 W/kg

Maximum value of SAR (measured) = 4.39 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band II RMC 9400CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.638 W/kg

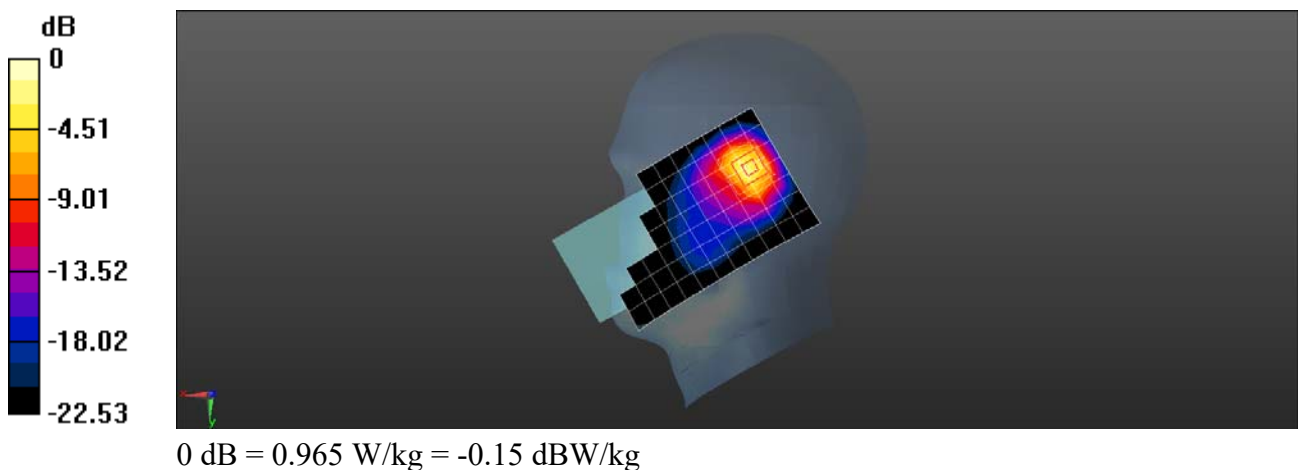
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.51 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.965 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band II RMC 9400CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- 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) = 0.300 W/kg

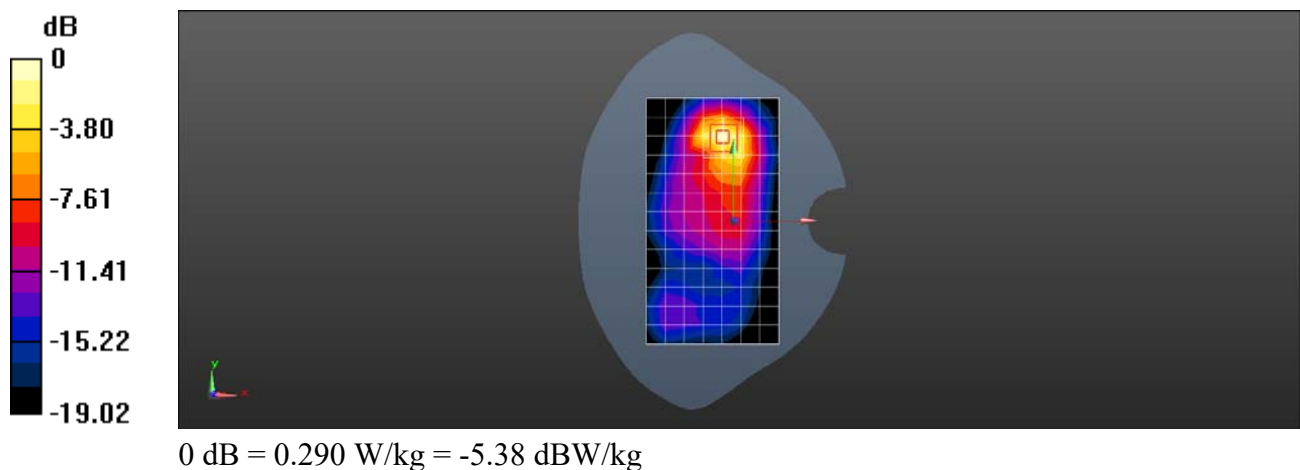
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.238 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.099 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band II RMC 9400CH Top side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 40.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.280 W/kg

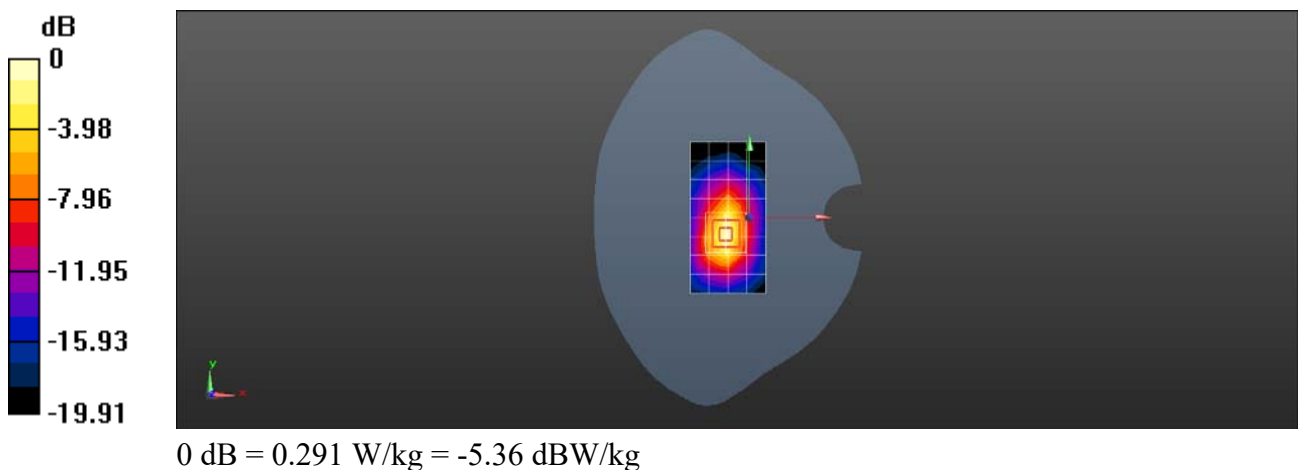
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.49 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.291 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band IV 1412H Right cheek Ant1

DUT: M2103K19G; Type: Mobile phone; Serial: 860441050047096

Communication System: UID 0, WCDMA Band IV; Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.317$ S/m; $\epsilon_r = 39.243$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.0737 W/kg

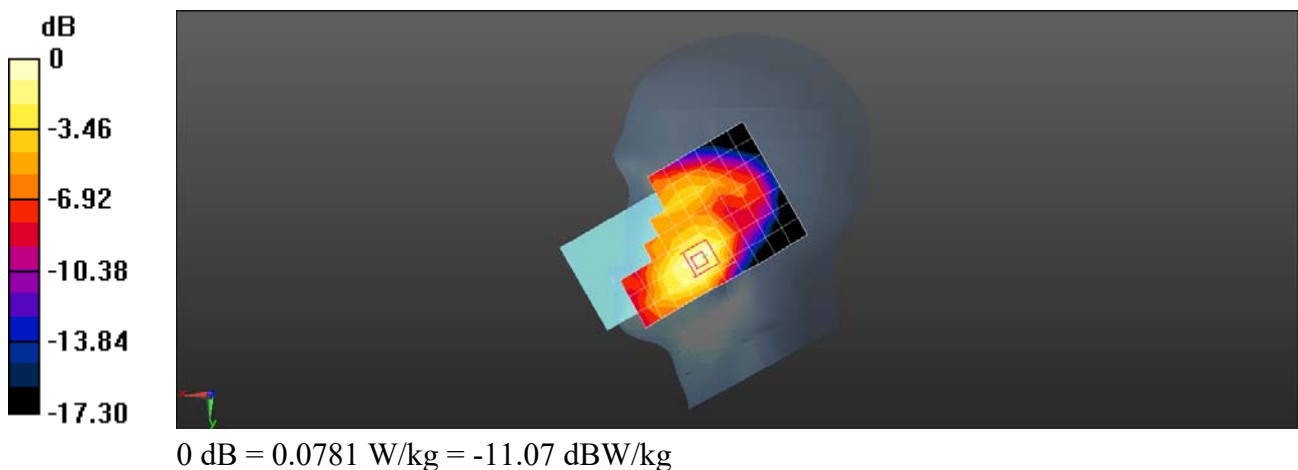
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.171 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0781 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band IV RMC 1412CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

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

Medium: HSL1750; Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.678$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.904 W/kg

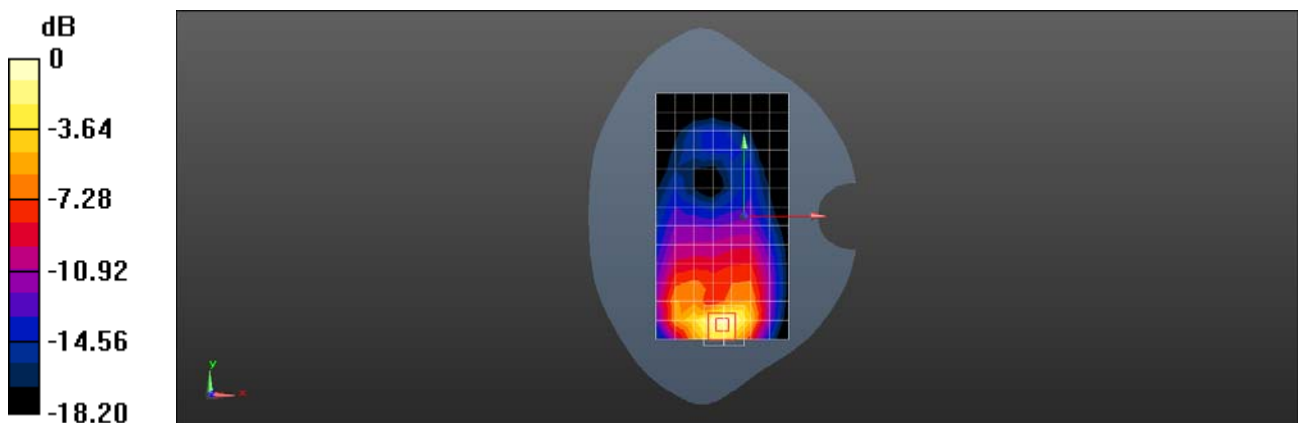
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.817 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.404 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band IV RMC 1412CH Top side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.678$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.143 W/kg

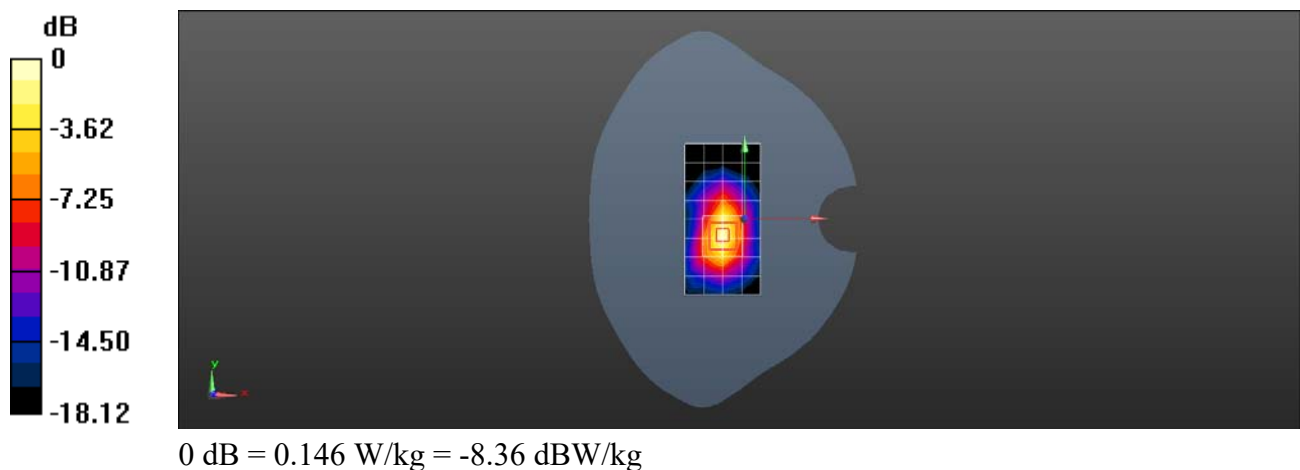
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.720 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.146 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band IV 1412CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.317$ S/m; $\epsilon_r = 39.243$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.285 W/kg

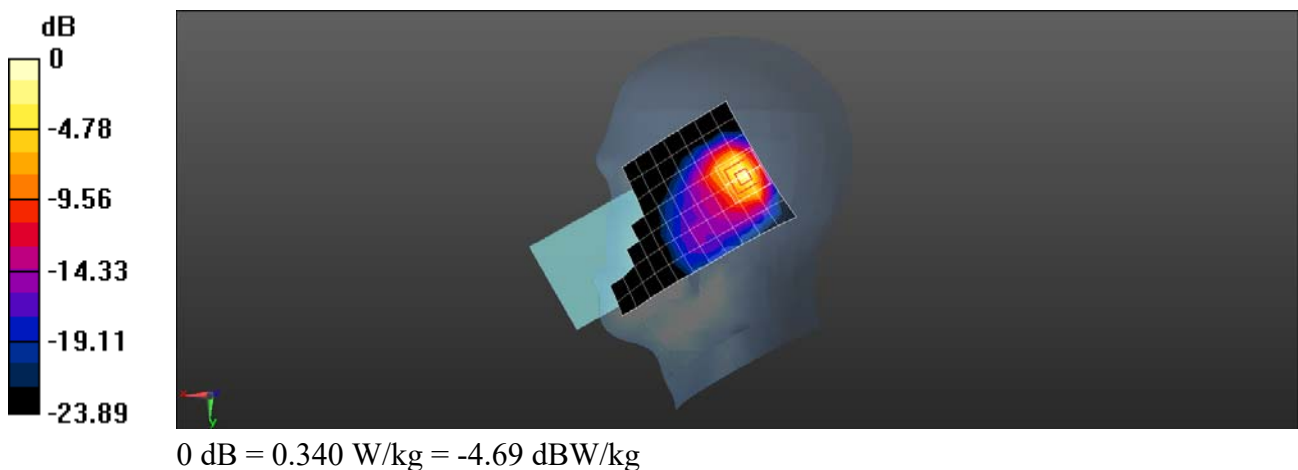
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.911 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band IV RMC 1412CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.678$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.111 W/kg

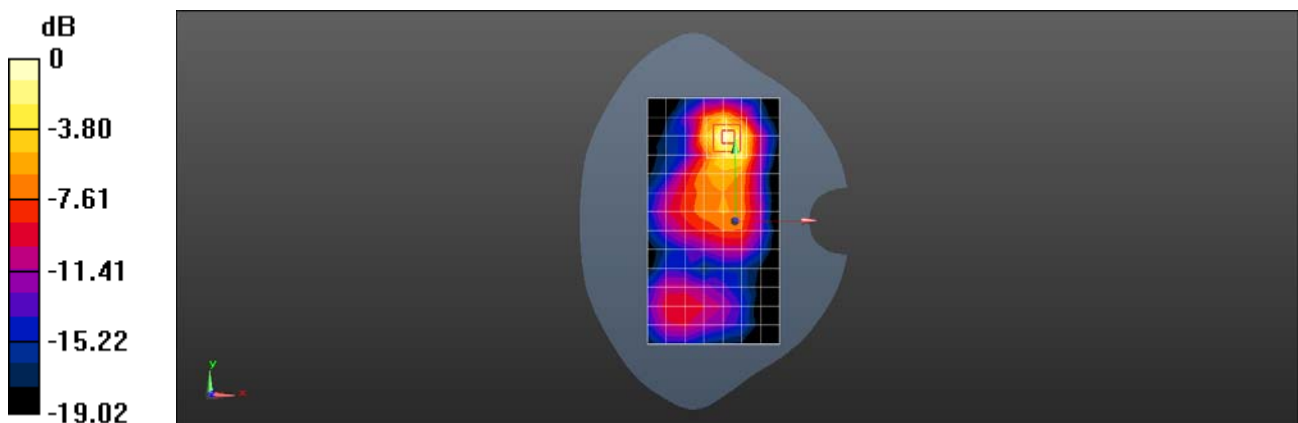
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.010 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.116 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band V 4182CH Left cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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/m³
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.181 W/kg

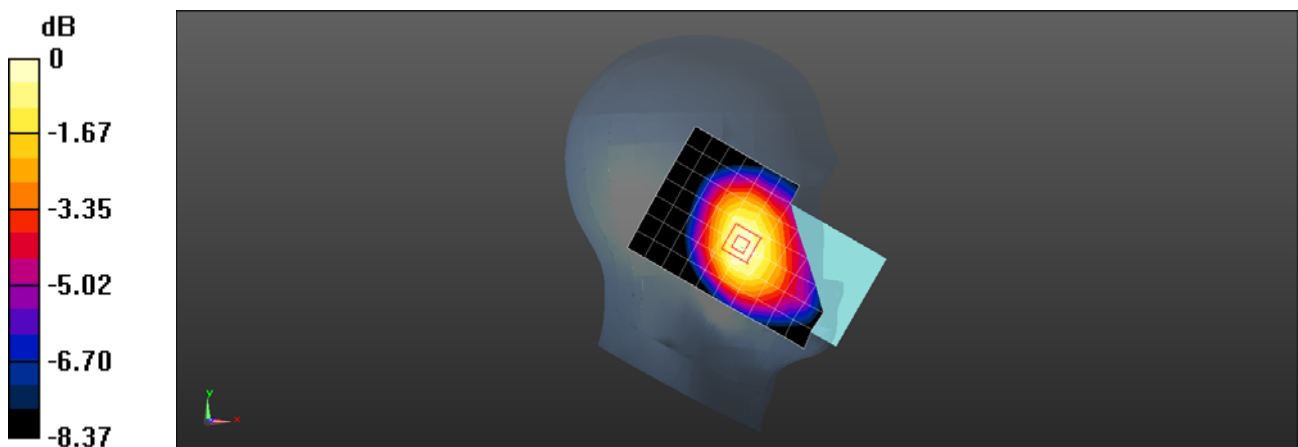
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.523 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.179 W/kg = -7.47 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band V 4182CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.202 W/kg

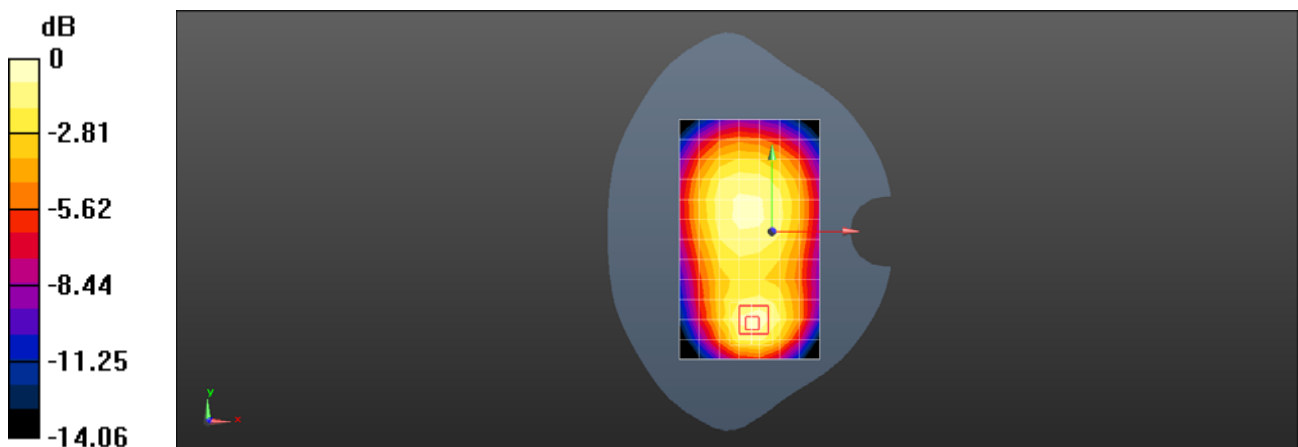
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.32 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band V 4182CH Right cheek Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

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/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.864 W/kg

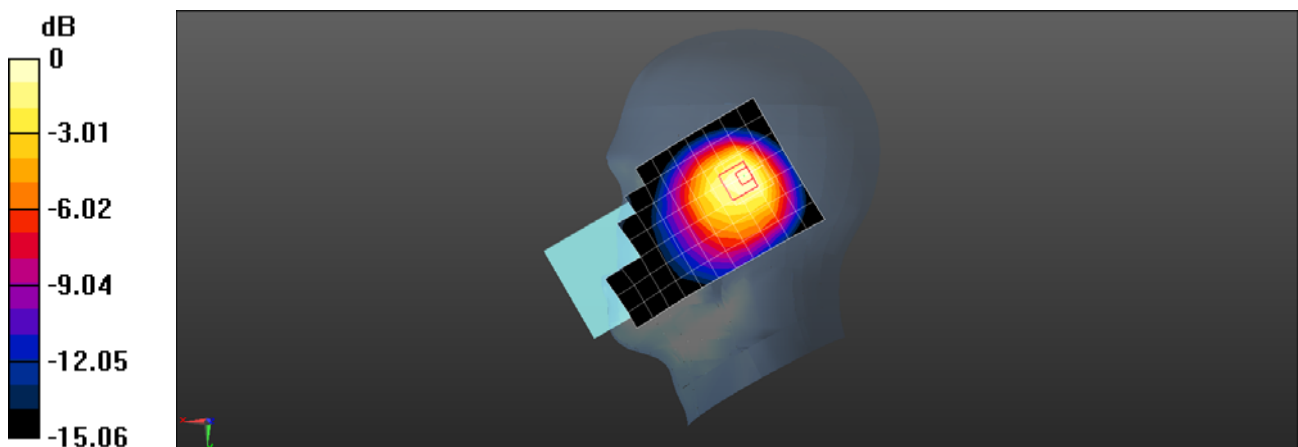
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.21 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.503 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G WCDMA Band V 4182CH Back side 15mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

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/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.267 W/kg

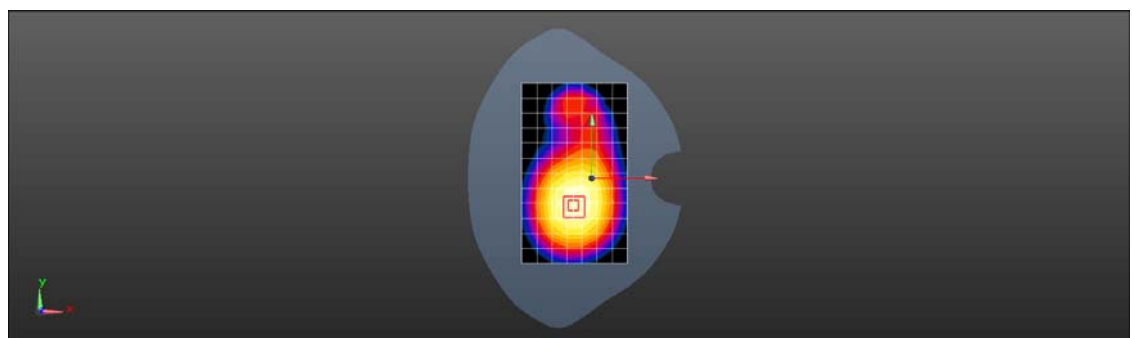
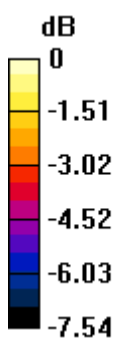
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.03 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.186 W/kg

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



0 dB = 0.269 W/kg = -5.70 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 2 20M QPSK 1RB0 18700CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.216$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0858 W/kg

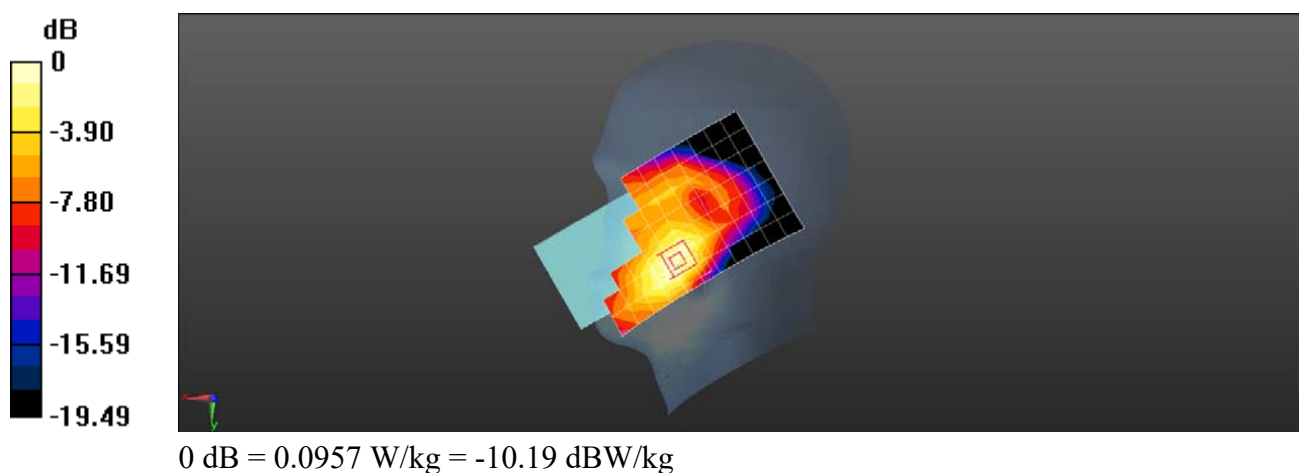
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.875 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0957 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 2 20M QPSK 1RB0 18700CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.216$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- 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) = 0.673 W/kg

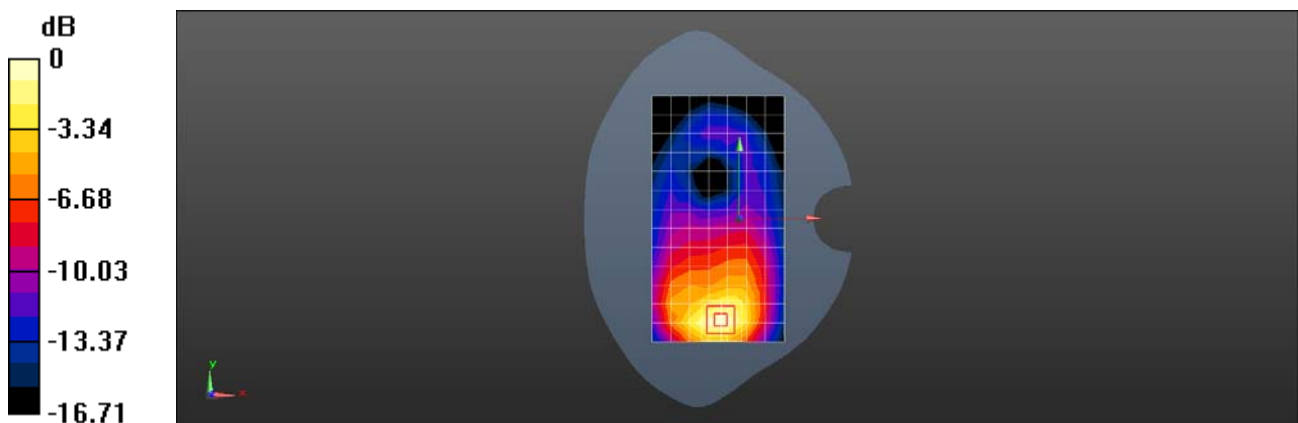
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.174 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 0.730 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 2 20M QPSK 1RB0 18700CH Bottom side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.216$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

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

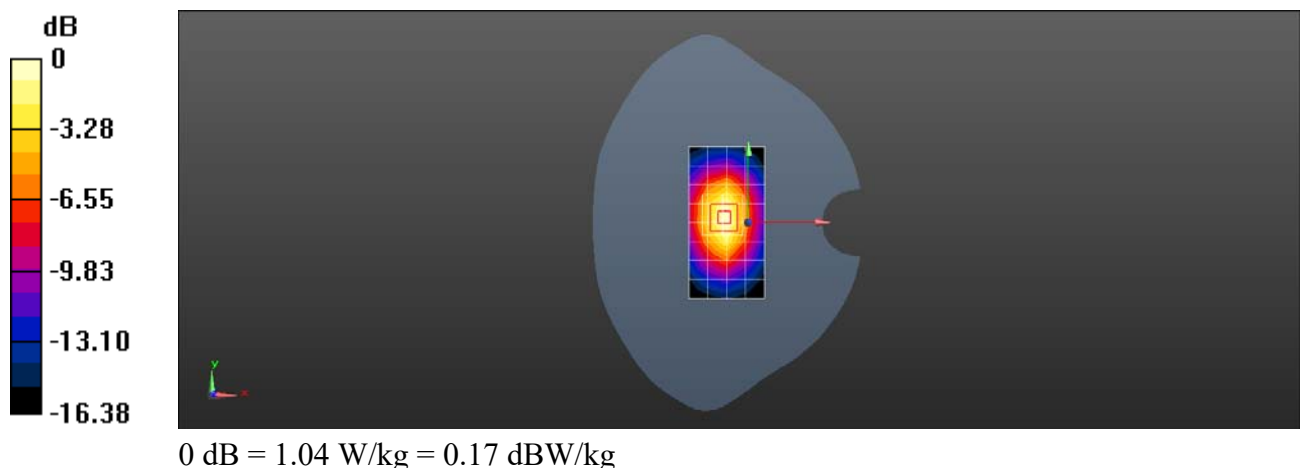
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.68 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 2 20M QPSK 1RB0 18700CH Back side 0mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.216$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 3.59 W/kg

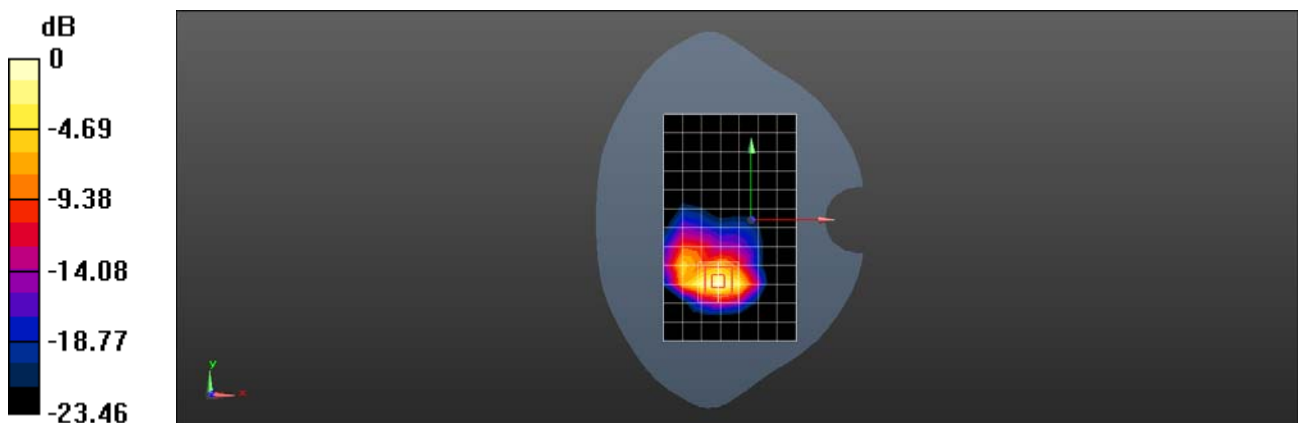
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.567 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.27 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.12 W/kg

Maximum value of SAR (measured) = 3.92 W/kg



0 dB = 3.92 W/kg = 5.93 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 2 20M QPSK 50RB50 19100CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.173$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.850 W/kg

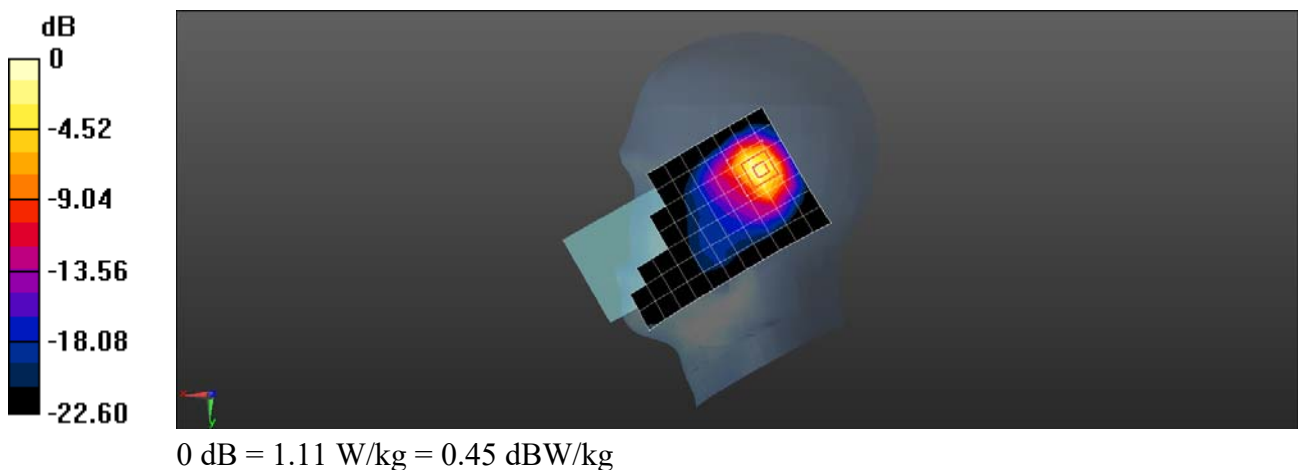
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.10 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 2 20M QPSK 50RB50 18700CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.216$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 0.178 W/kg

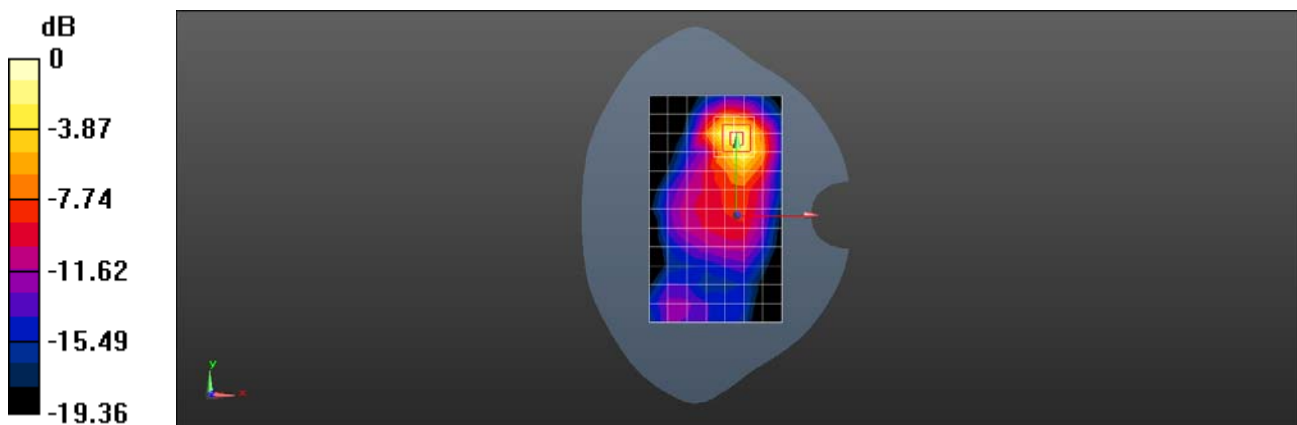
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.329 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.228 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 2 20M QPSK 50RB50 18700CH Top side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.216$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.4, 8.4, 8.4); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- 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) = 0.259 W/kg

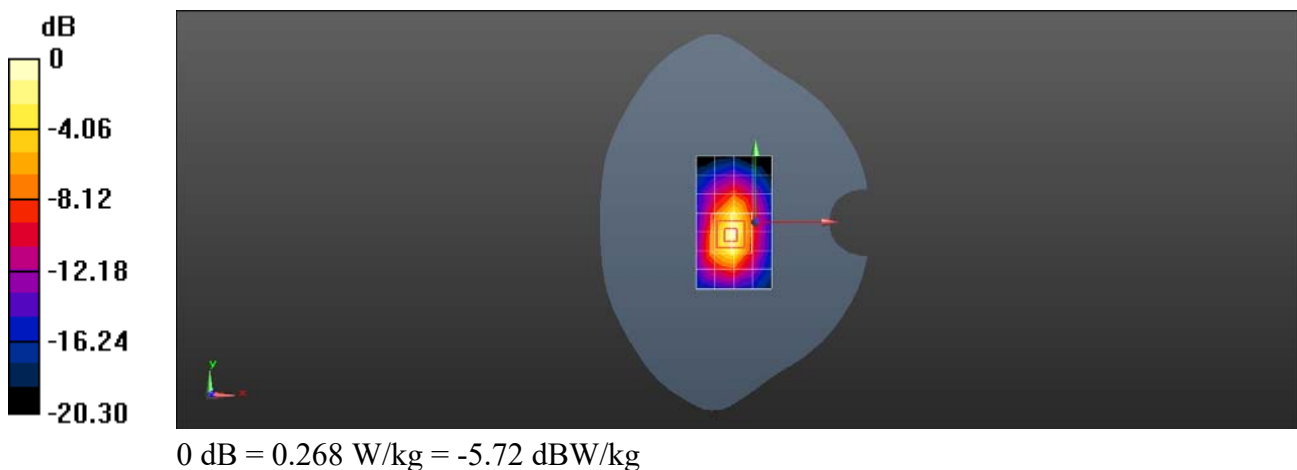
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.95 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.090 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 4 20M QPSK 1RB0 20175CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

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

Medium: HSL1750; Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.317$ S/m; $\epsilon_r = 39.243$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.132 W/kg

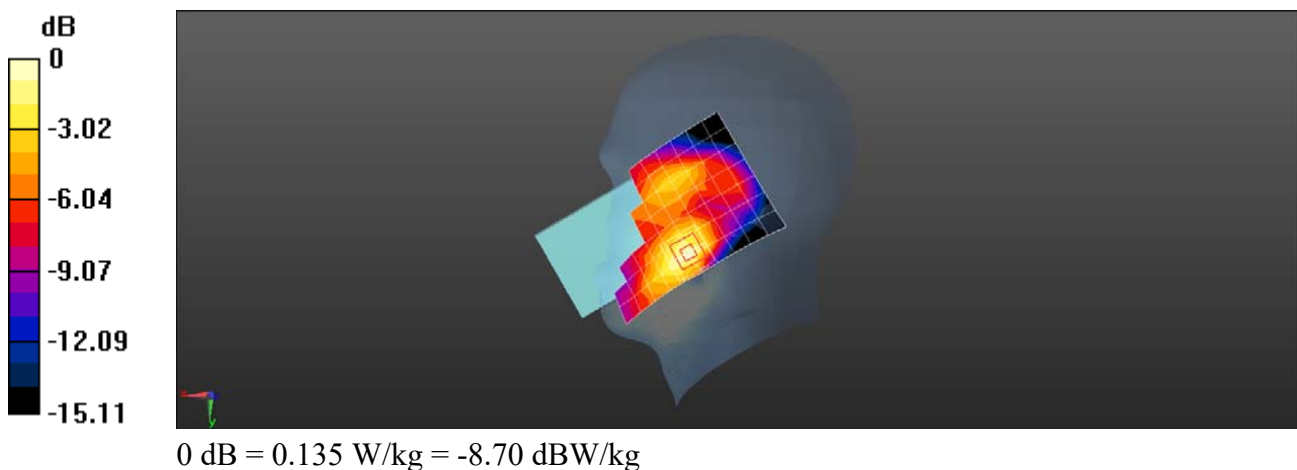
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.899 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.135 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 4 20M QPSK 1RB50 20300CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.629 W/kg

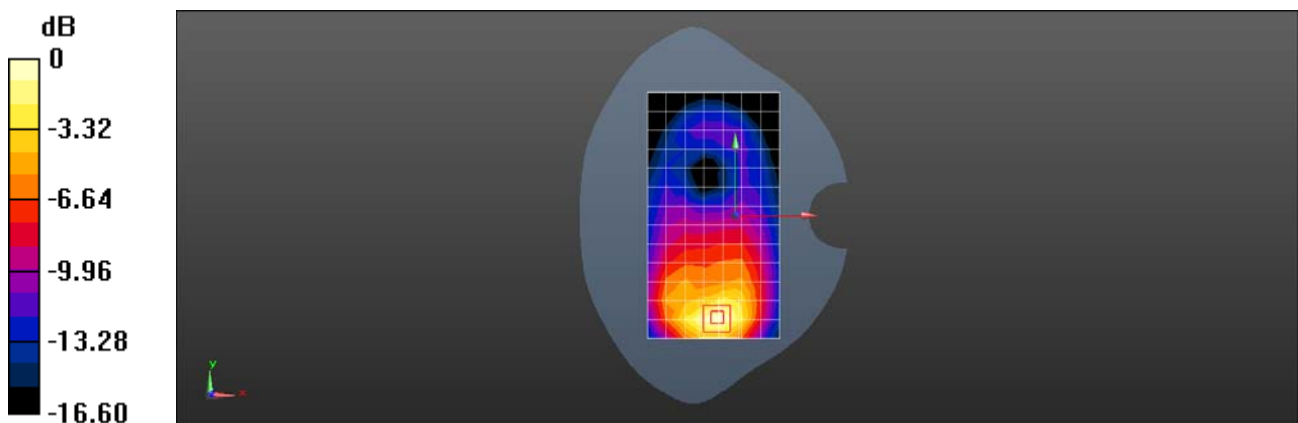
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.142 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.657 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 4 20M QPSK 1RB50 20300CH Bottom side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.947 W/kg

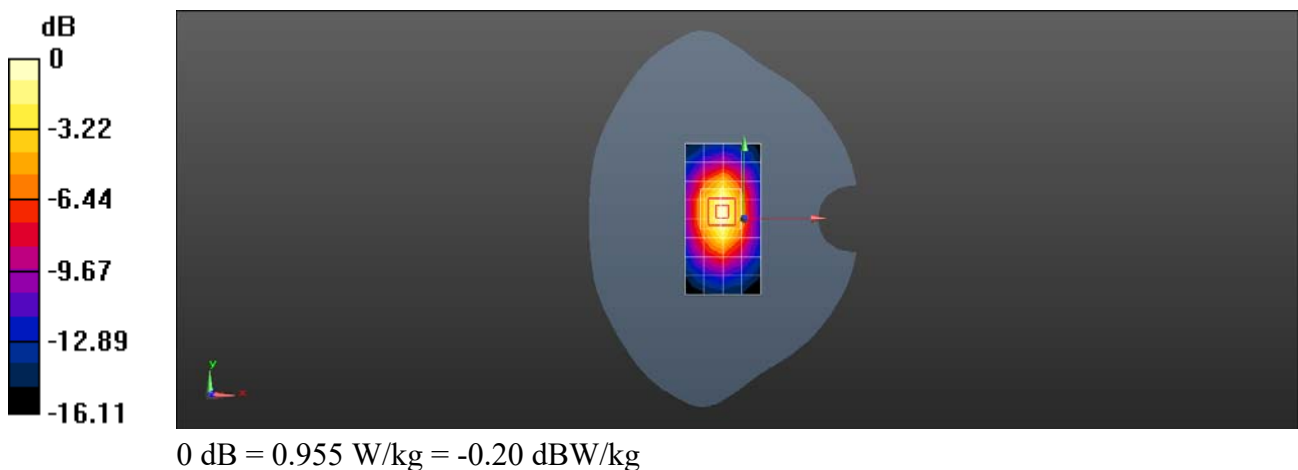
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.06 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 0.955 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 4 20M QPSK 1RB0 20175CH Bottom side 0mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.3$ S/m; $\epsilon_r = 40.279$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 5.89 W/kg

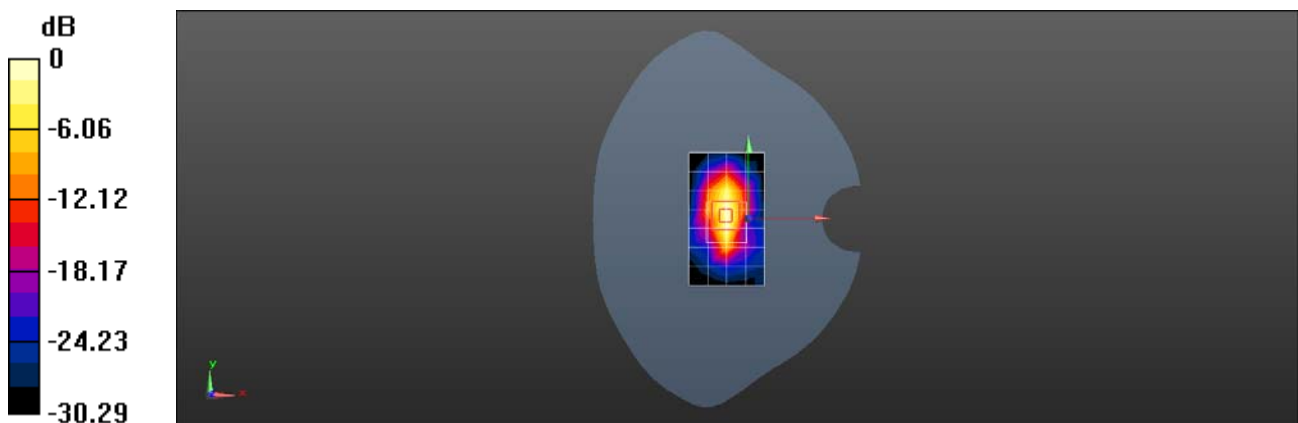
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 8.71 W/kg

SAR(1 g) = 3.64 W/kg; SAR(10 g) = 1.55 W/kg

Maximum value of SAR (measured) = 6.61 W/kg



0 dB = 6.61 W/kg = 8.20 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 4 20M QPSK 1RB50 20300CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.381 W/kg

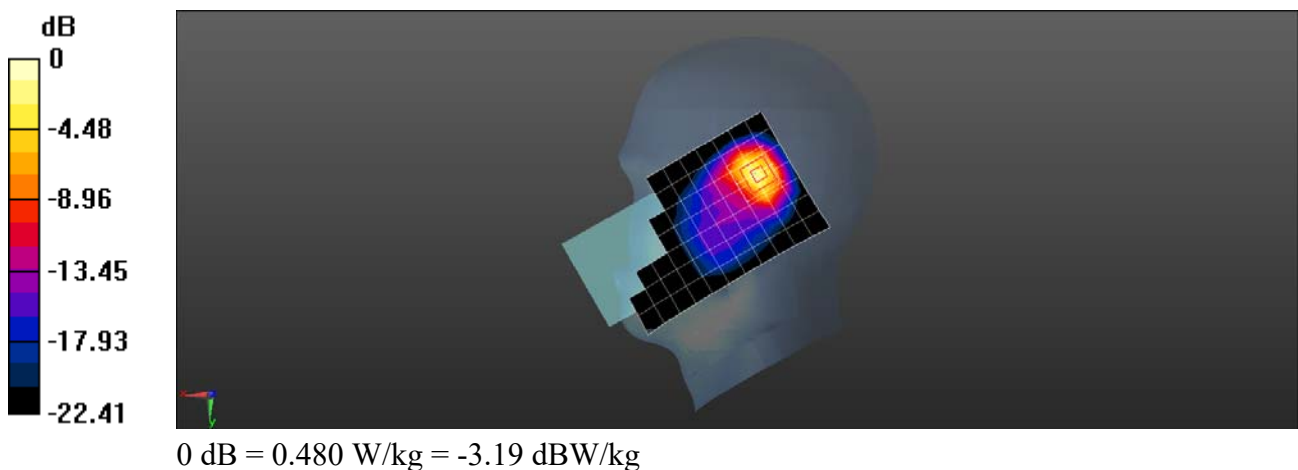
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.06 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.480 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 4 20M QPSK 50RB25 20300CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.138 W/kg

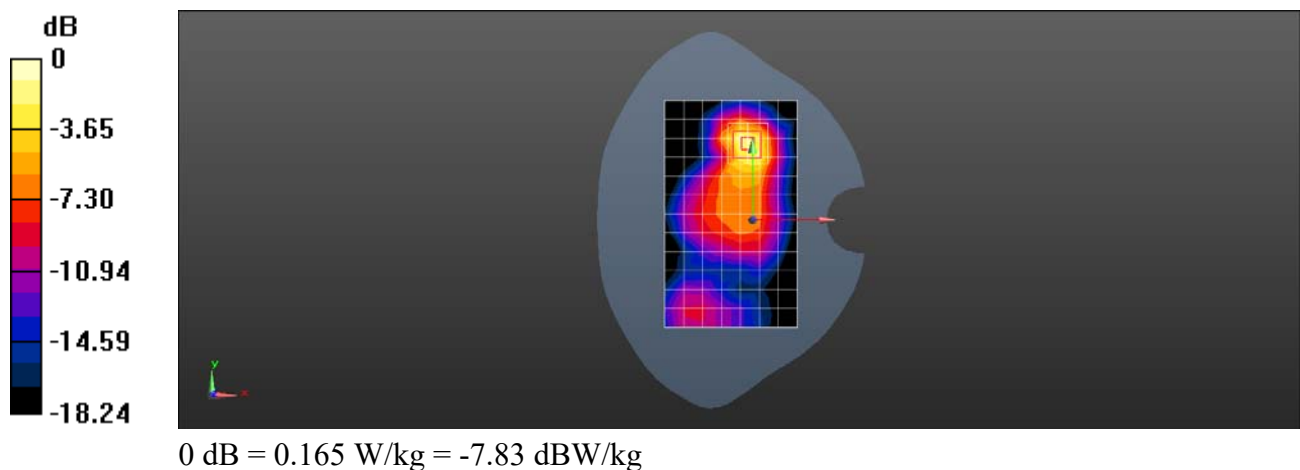
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.940 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 4 20M QPSK 50RB25 20300CH Top side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.193 W/kg

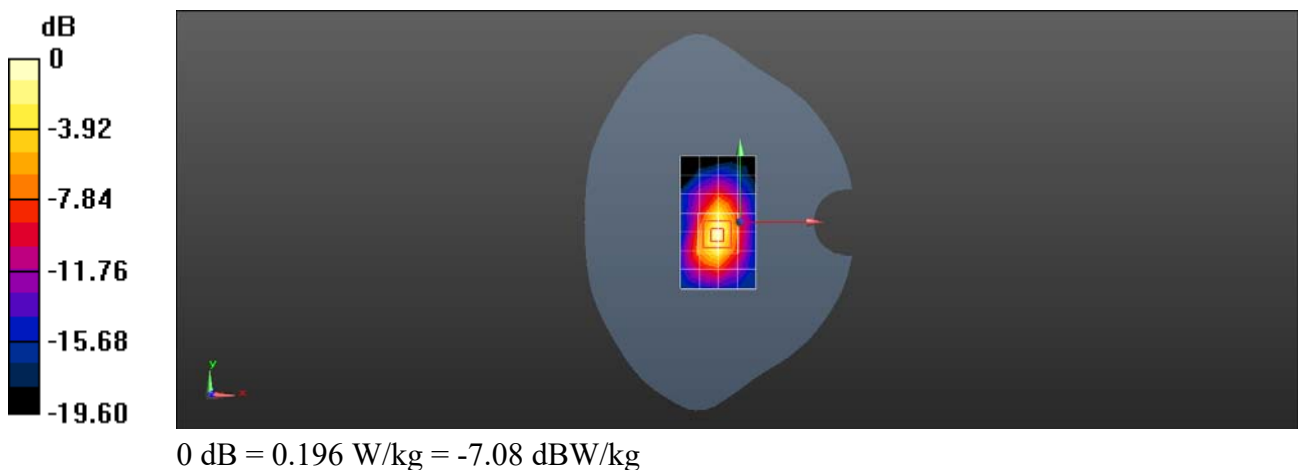
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.529 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.196 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 5 10M QPSK 1RB0 20600CH Left cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 41.812$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.183 W/kg

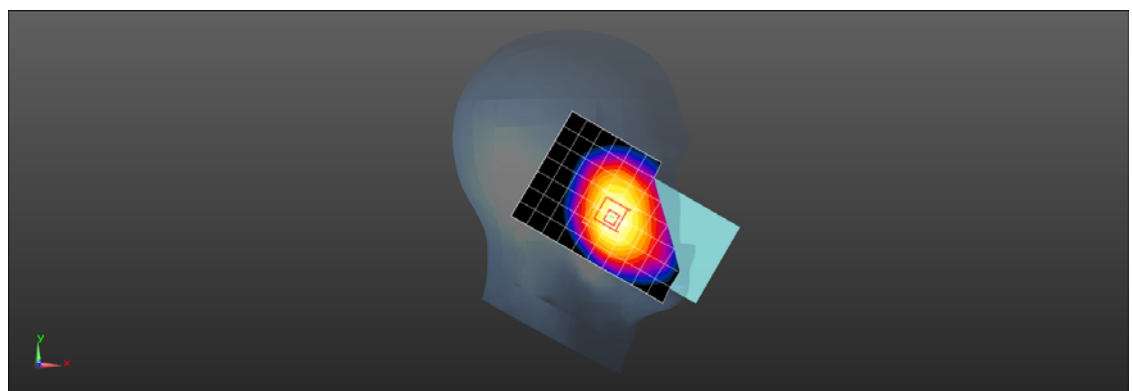
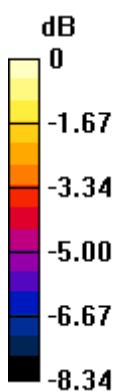
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.591 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.167 W/kg ; SAR(10 g) = 0.128 W/kg

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



$0 \text{ dB} = 0.182 \text{ W/kg} = -7.40 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 5 10M QPSK 1RB0 20600CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 41.812$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.183 W/kg

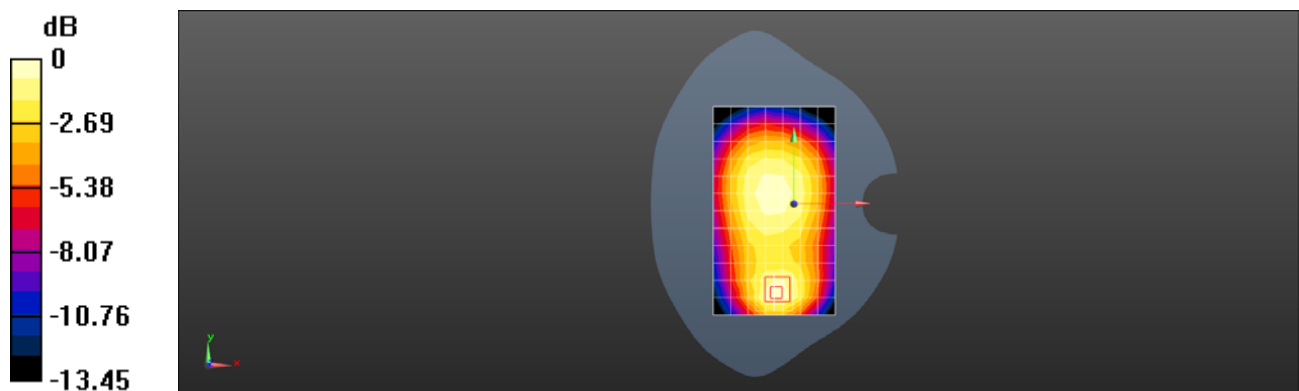
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.52 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.170 W/kg ; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 5 10M QPSK 1RB0 20600CH Right cheek Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 41.812$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.809 W/kg

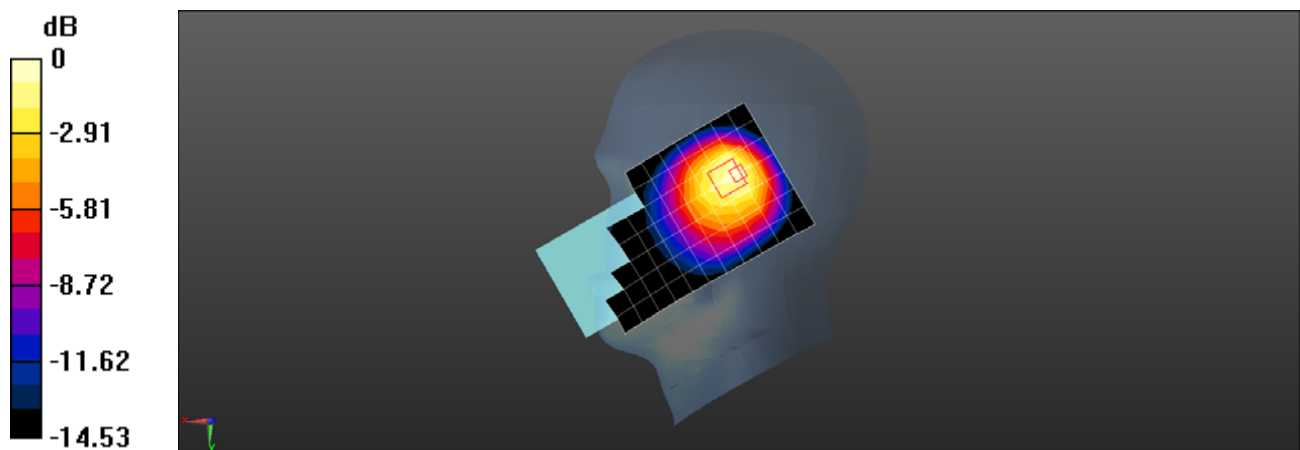
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.22 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.669 W/kg ; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 0.823 W/kg



0 dB = $0.823 \text{ W/kg} = -0.85 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 5 10M QPSK 1RB0 20525CH Front side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 41.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.32, 10.32, 10.32); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.254 W/kg

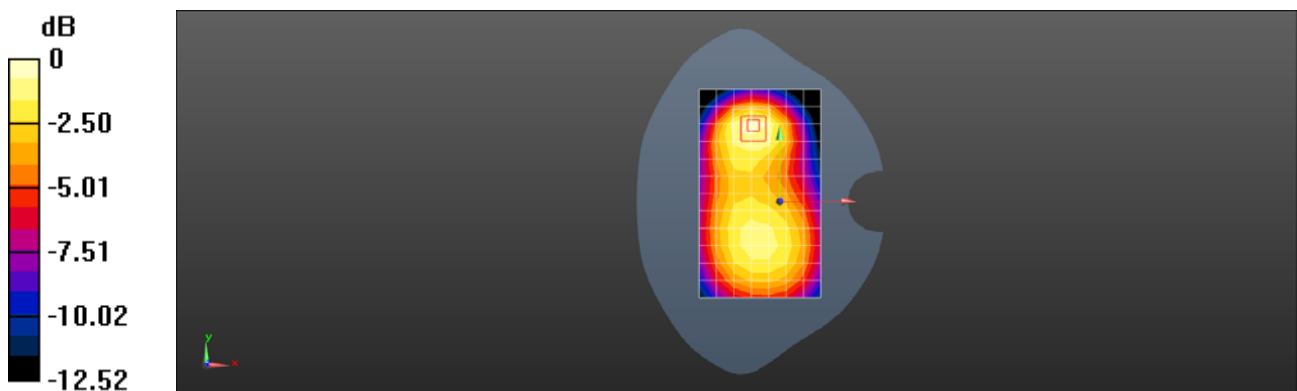
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 7 20M QPSK 1RB50 20850CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047377

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

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.809$ S/m; $\epsilon_r = 38.782$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

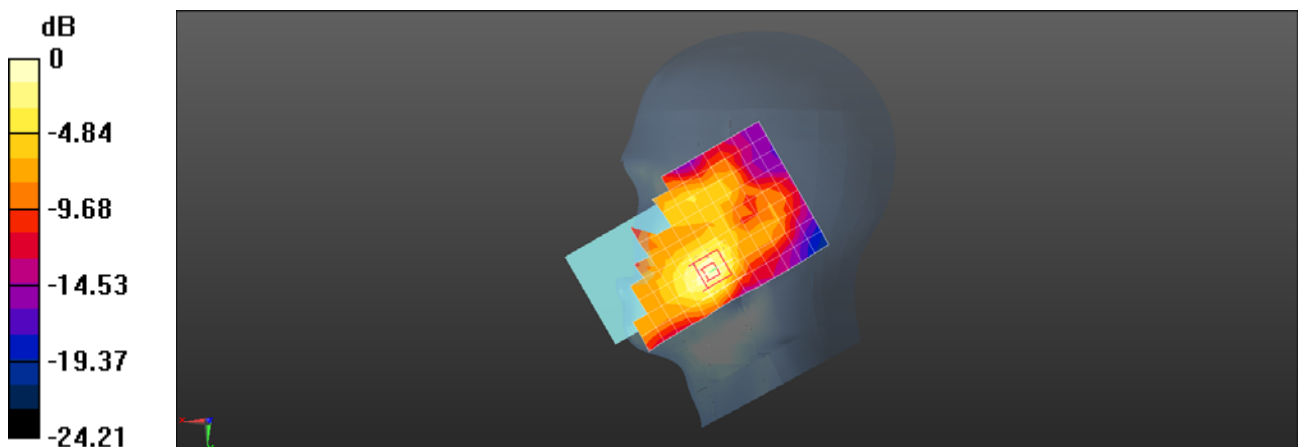
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.761 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 7 20M QPSK 1RB50 20850CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047377

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

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.809$ S/m; $\epsilon_r = 38.782$; $\rho = 1000$ kg/m³

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: 2021/02/05
- 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) = 0.534 W/kg

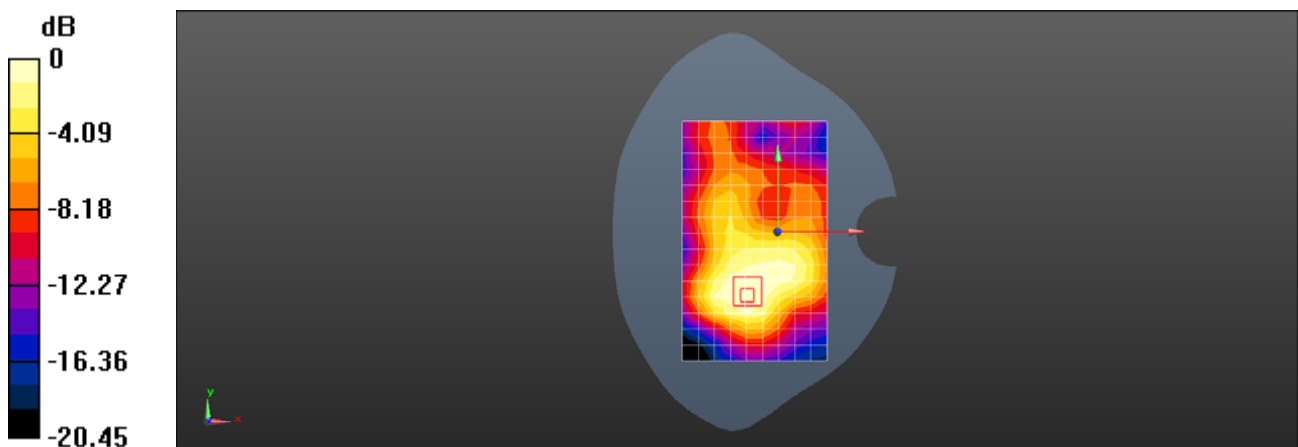
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.285 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.528 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 7 20M QPSK 1RB50 21100CH Back side 10mm

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

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

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 40.748$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

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

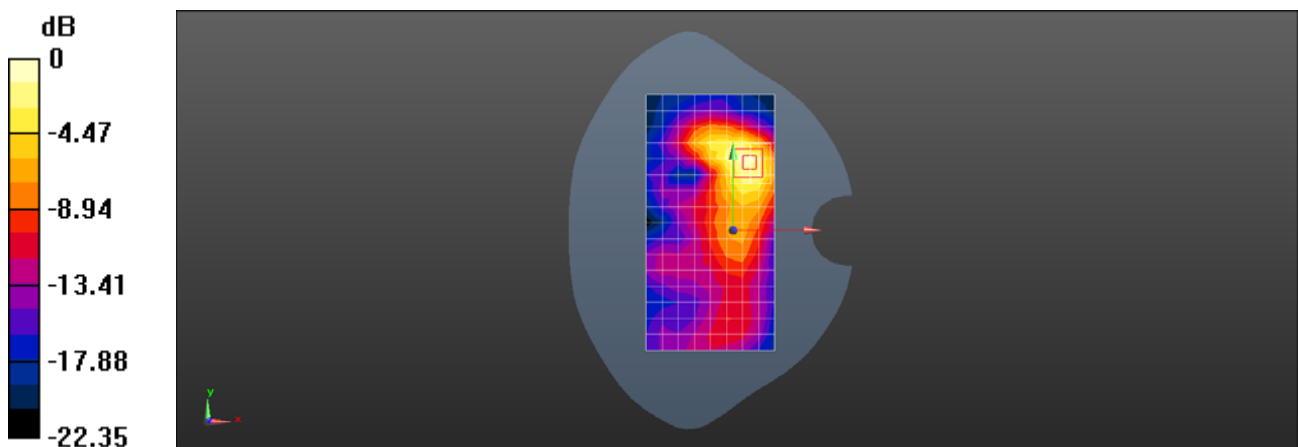
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.162 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.811 W/kg

SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.461 W/kg = -3.36 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 7 20M QPSK 50RB50 21350CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050058853

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

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 38.591$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.26 W/kg

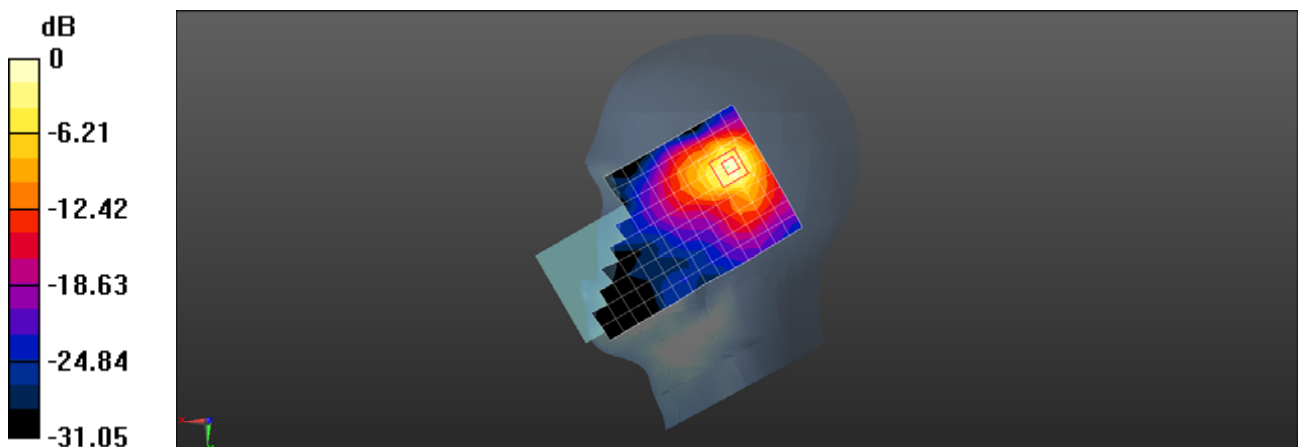
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.845 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 7 20M QPSK 1RB99 21350CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050058853

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

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 38.591$; $\rho = 1000$ kg/m³

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: 2021/02/05
- 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) = 0.360 W/kg

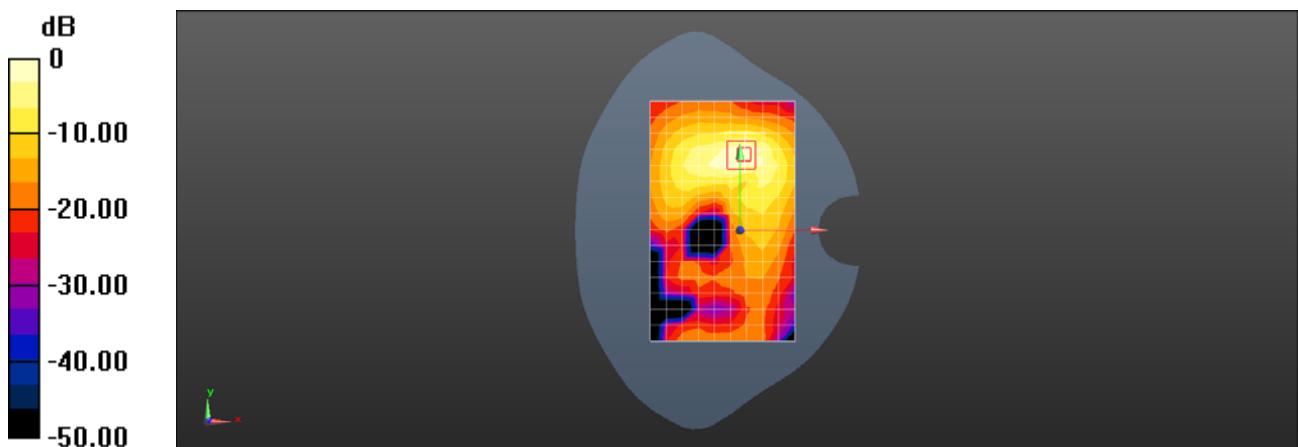
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7680 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.132 W/kg

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



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

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 12 10M QPSK 1RB49 23130CH Left cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 41.666$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0501 W/kg

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

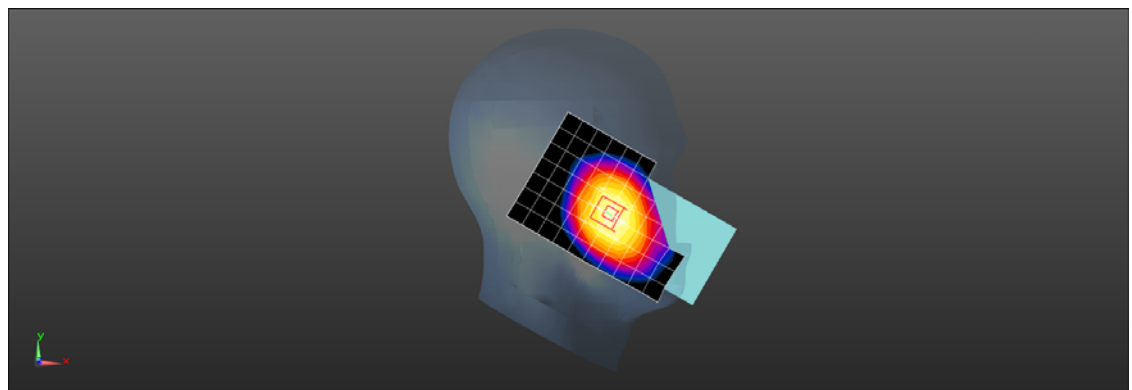
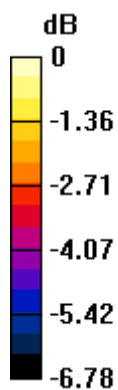
Reference Value = 2.557 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.049 W/kg ; SAR(10 g) = 0.040 W/kg

Ratio of SAR at M2 to SAR at M1 = 86.2%

Maximum value of SAR (measured) = 0.0521 W/kg



0 dB = 0.0521 W/kg = -12.83 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 12 10M QPSK 1RB49 23130CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 41.666$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.0828 W/kg

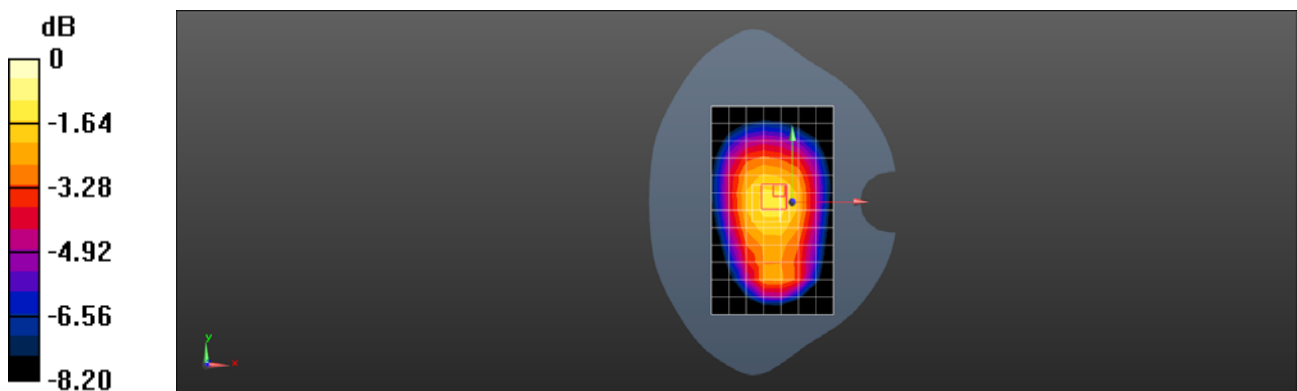
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.640 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.082 W/kg ; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.116 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 12 10M QPSK 1RB25 23095CH Right cheek Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 41.693$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.765 W/kg

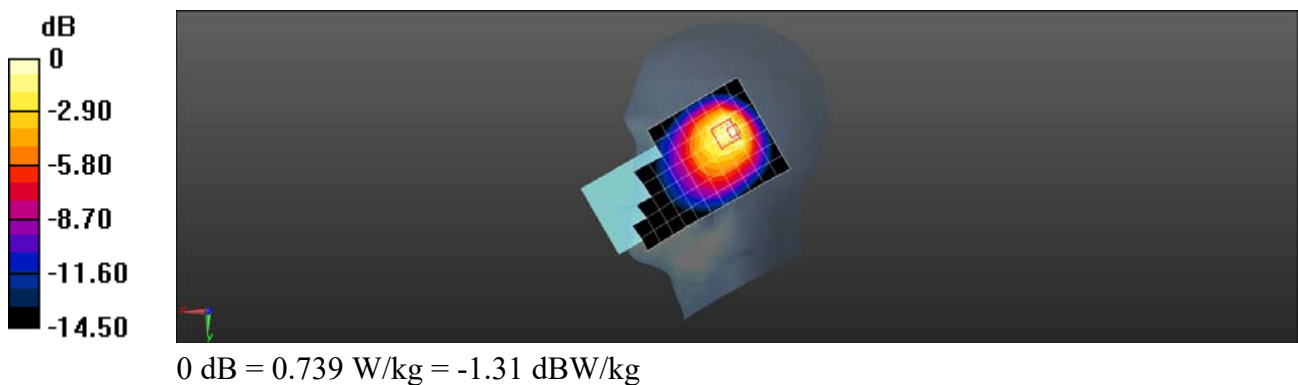
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.25 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 0.739 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 12 10M QPSK 1RB25 23095CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 41.666$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.322 W/kg

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

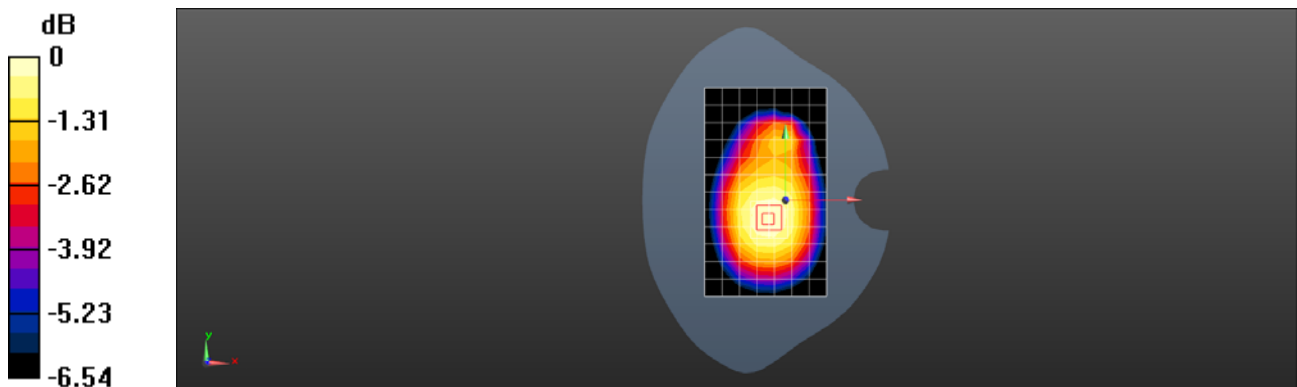
Reference Value = 18.21 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.241 W/kg

Ratio of SAR at M2 to SAR at M1 = 81.9%

Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 17 10M QPSK 1RB49 23800CH Left cheek Ant1-AR09

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 41.666$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0522 W/kg

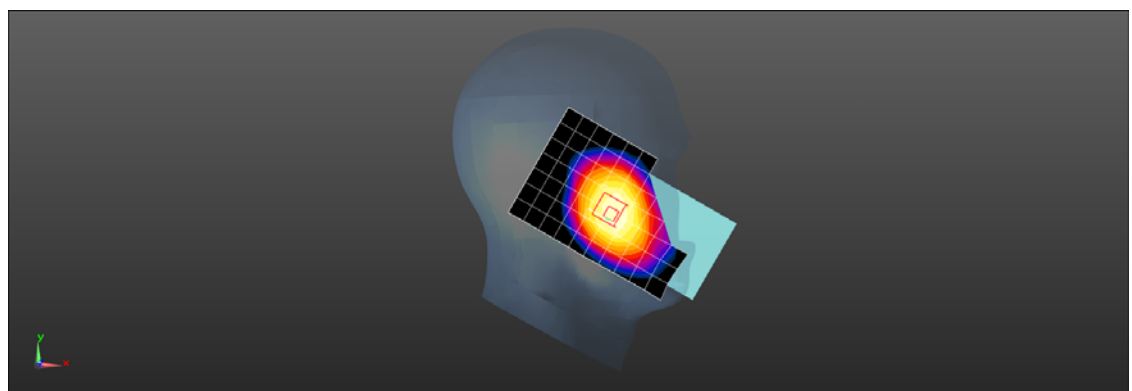
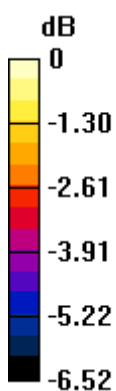
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.766 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.049 W/kg ; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0520 W/kg



$0 \text{ dB} = 0.0520 \text{ W/kg} = -12.84 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 17 10M QPSK 1RB49 23800CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 41.666$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.0846 W/kg

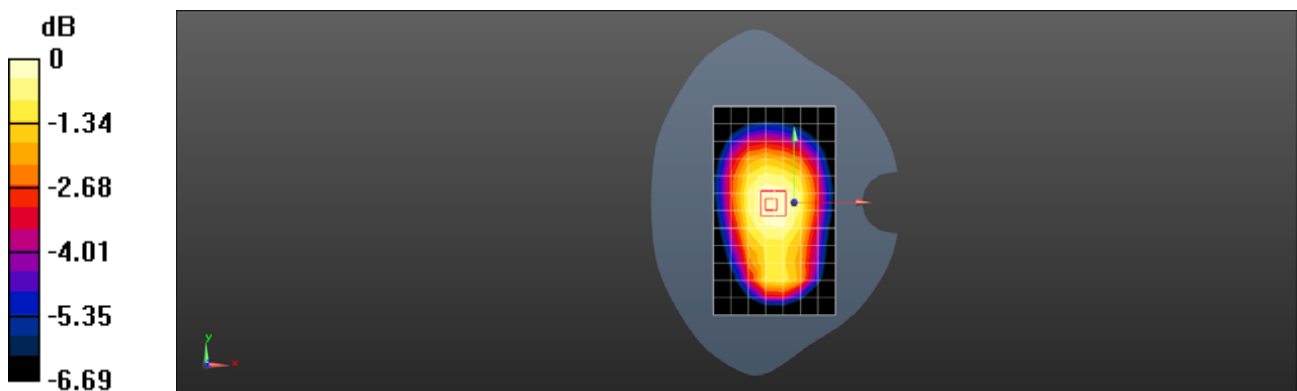
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.725 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0960 W/kg

SAR(1 g) = 0.079 W/kg ; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.0854 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 17 10M QPSK 1RB25 23780CH Right cheek Ant4-AR40

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 41.681$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.755 W/kg

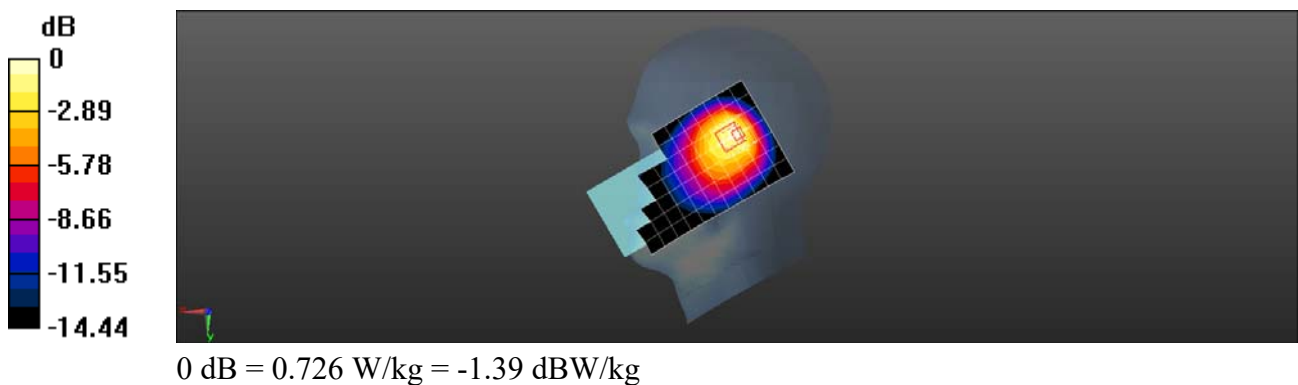
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.02 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.600 W/kg ; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 0.726 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 17 10M QPSK 1RB25 23780CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047773

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 709$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 41.666$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.73, 10.73, 10.73); Calibrated: 2020/10/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 11; Type: SAM; Serial: 1410
- 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) = 0.310 W/kg

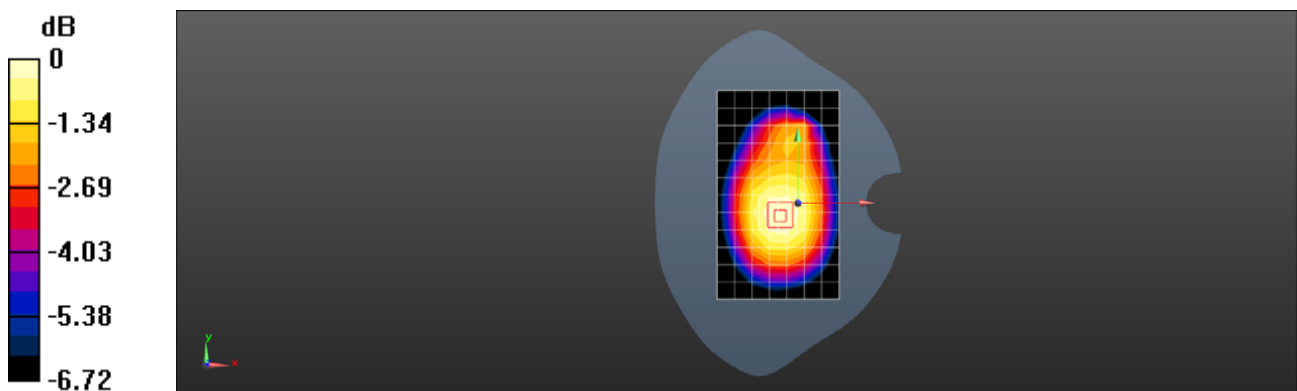
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.98 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.233 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 38 20M QPSK 1RB0 38150CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2610$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 38.442$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- 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) = 0.217 W/kg

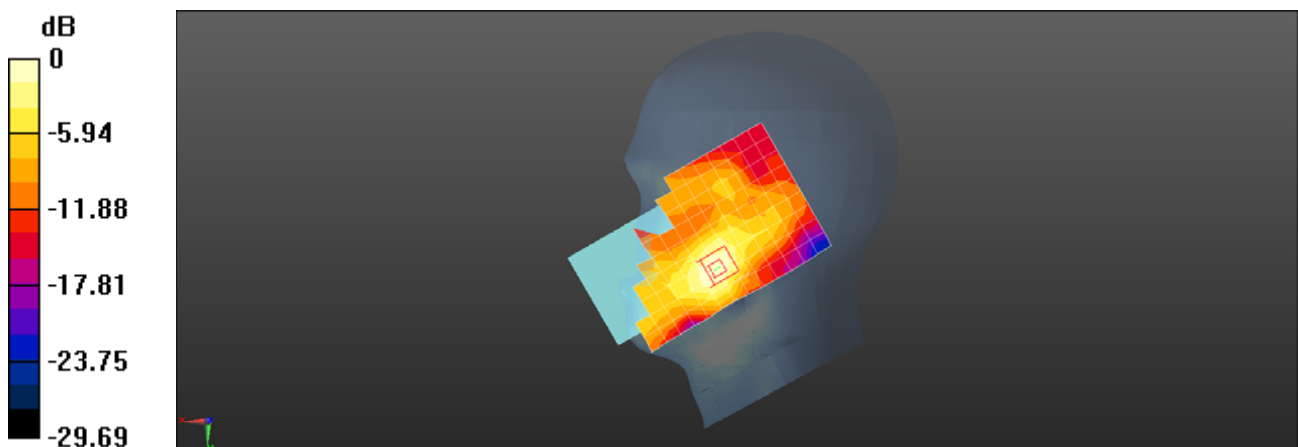
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.725 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.233 W/kg



0 dB = 0.233 W/kg = -6.33 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 38 20M QPSK 1RB0 38150CH Back side 10mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047377

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2610$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 38.442$; $\rho = 1000$ kg/m³

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: 2021/02/05
- 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) = 0.608 W/kg

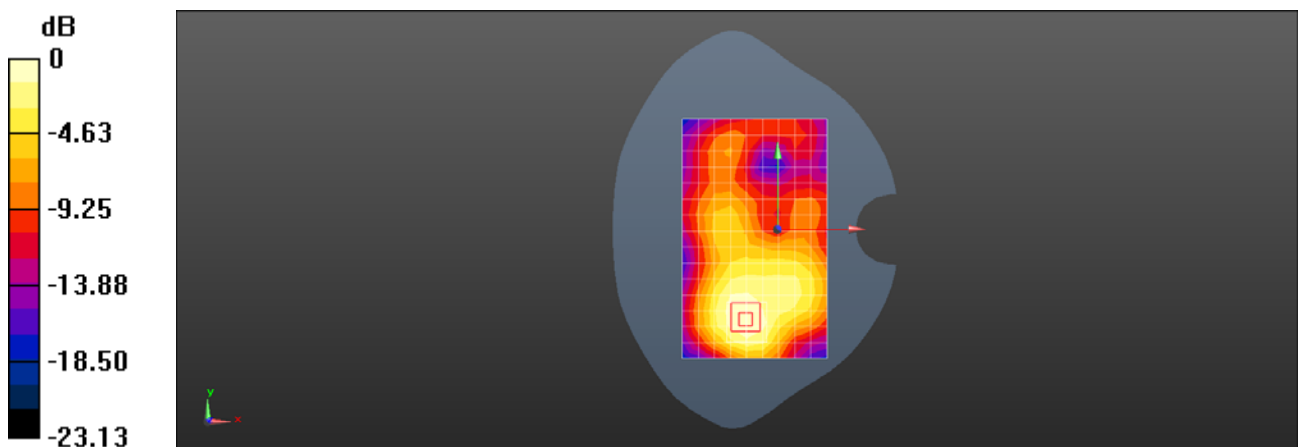
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.720 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 38 20M QPSK 1RB50 37850CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050058853

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

Medium: HSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 1.887$ S/m; $\epsilon_r = 38.54$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.758 W/kg

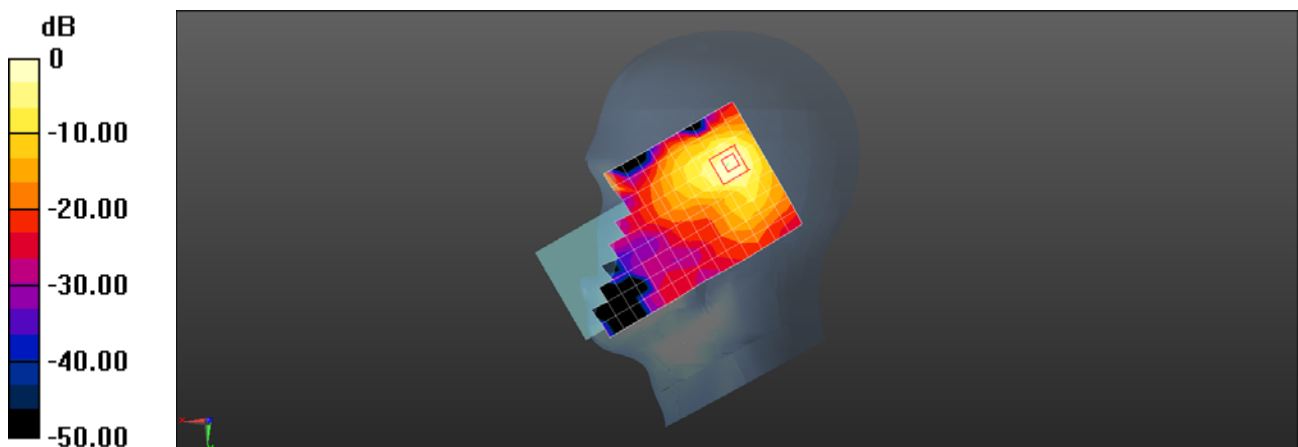
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.279 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.759 W/kg



0 dB = 0.759 W/kg = -1.20 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 38 20M QPSK 1RB50 37850CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050058853

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

Medium: HSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 1.887$ S/m; $\epsilon_r = 38.54$; $\rho = 1000$ kg/m³

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: 2021/02/05
- 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) = 0.336 W/kg

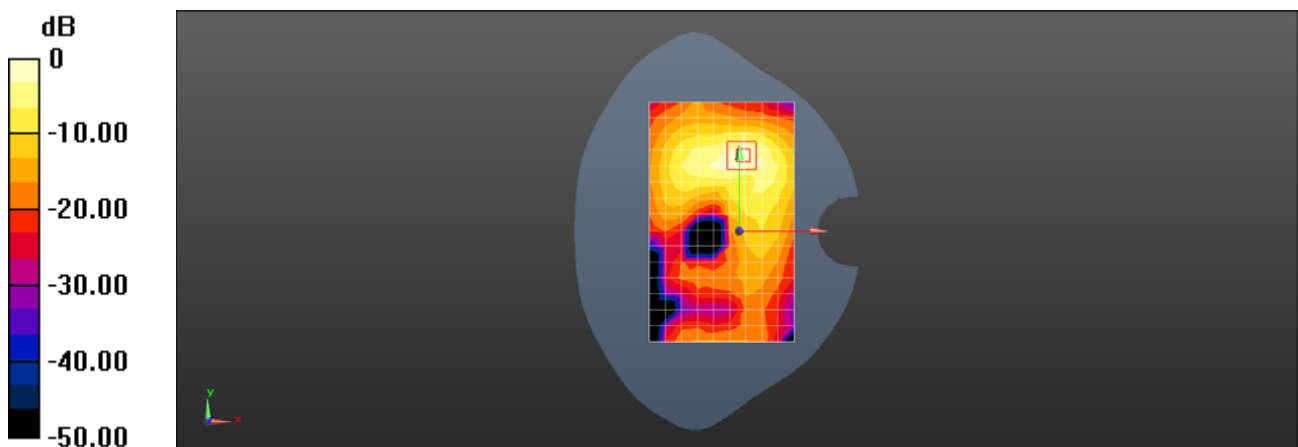
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.4870 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 41 20M QPSK 1RB99 40620CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 39.412$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- 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) = 0.121 W/kg

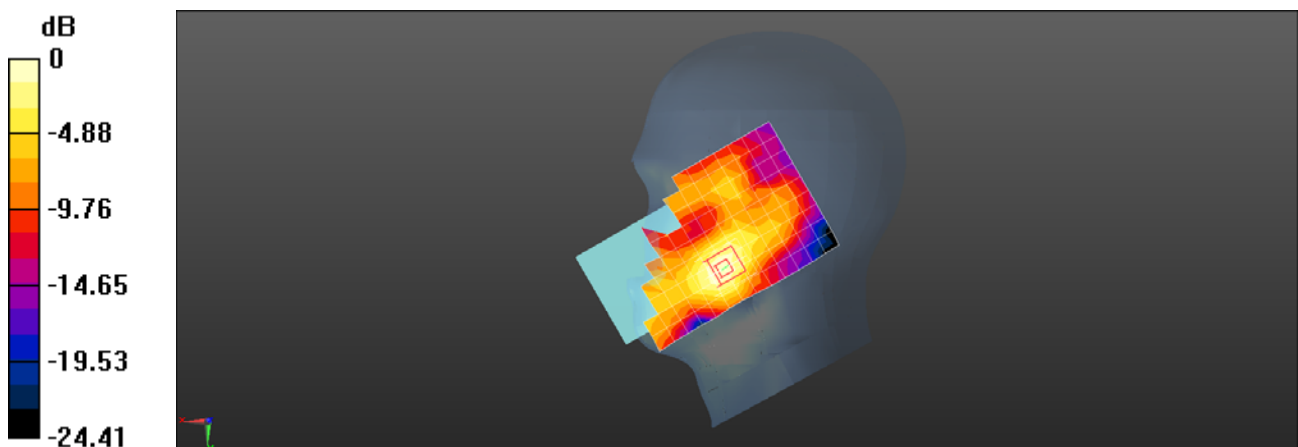
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.105 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg = -8.66 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 41 20M QPSK 1RB99 40620CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050048177

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 39.412$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.600 W/kg

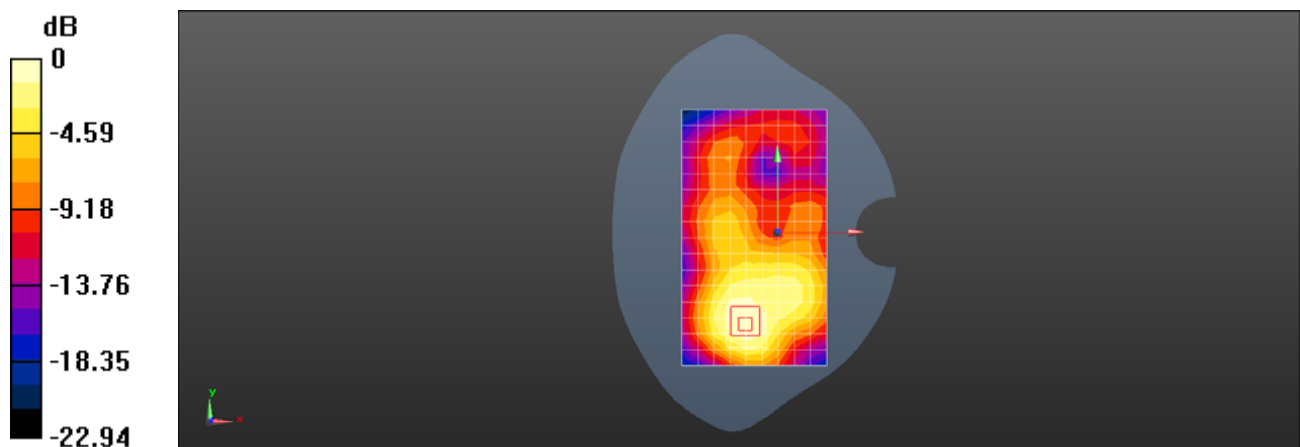
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.670 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.618 W/kg = -2.09 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 41 20M QPSK 50RB50 41490CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050058853

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2680 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2680$ MHz; $\sigma = 2.091$ S/m; $\epsilon_r = 39.044$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.581 W/kg

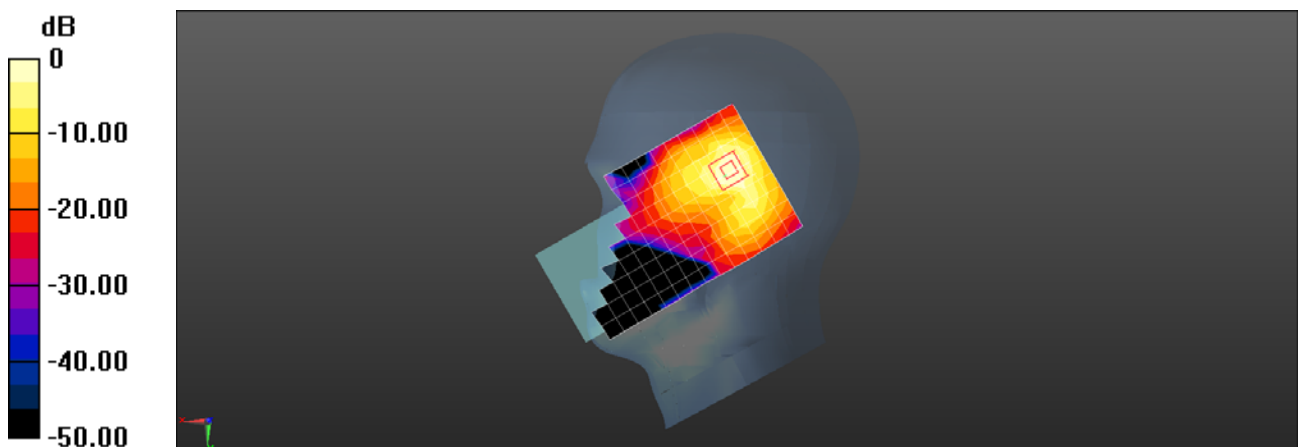
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.288 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.193 W/kg

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



0 dB = 0.599 W/kg = -2.23 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 41 20M QPSK 50RB50 41490CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050058853

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2680 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2680$ MHz; $\sigma = 2.091$ S/m; $\epsilon_r = 39.044$; $\rho = 1000$ kg/m³

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: 2021/02/05
- 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) = 0.246 W/kg

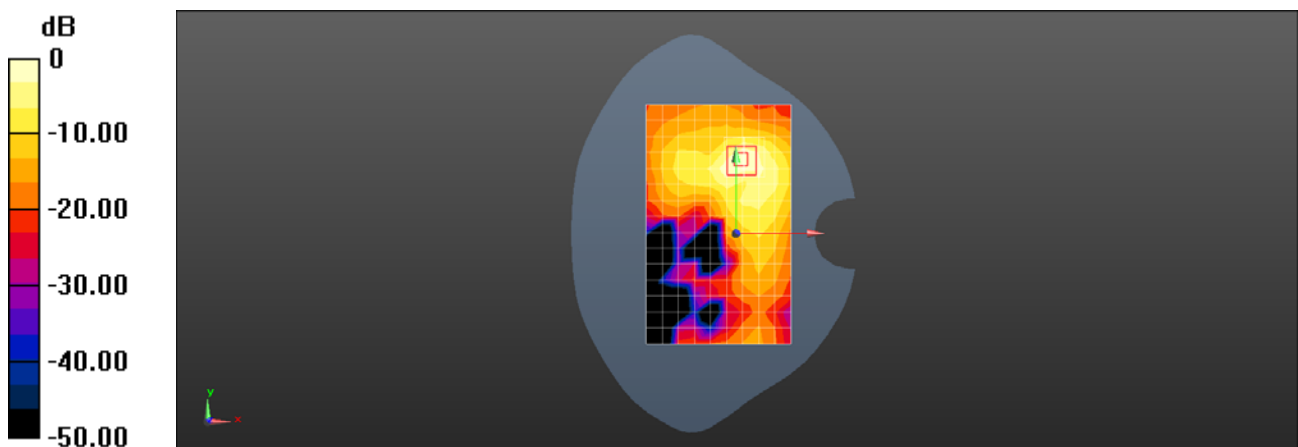
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.4110 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 66 20M QPSK 1RB0 132322CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 39.188$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.157 W/kg

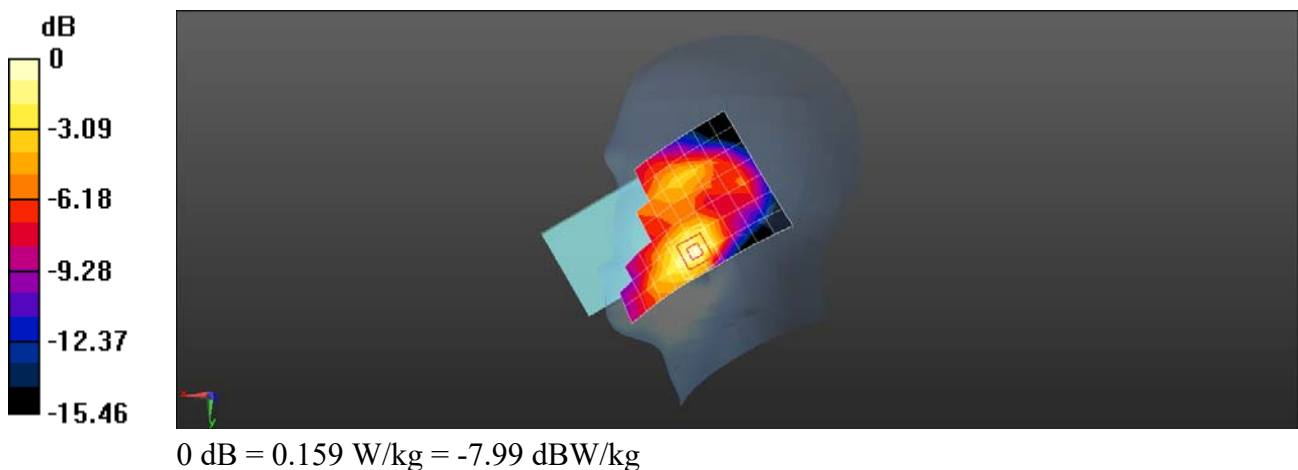
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.267 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.159 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 66 20M QPSK 1RB0 132322CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.613 W/kg

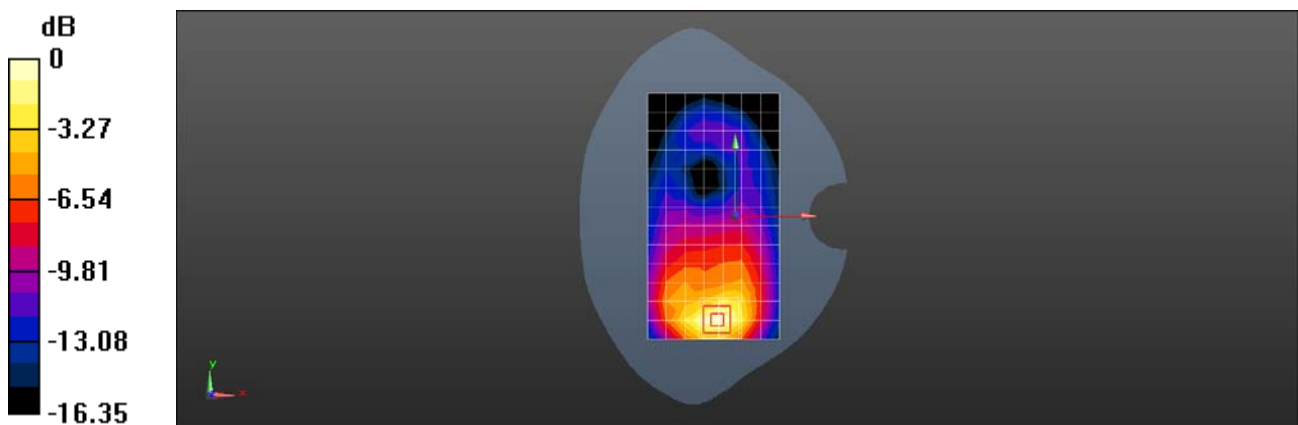
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.989 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.273 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 66 20M QPSK 1RB0 132572CH Bottom side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047096

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

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 40.261$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.719 W/kg

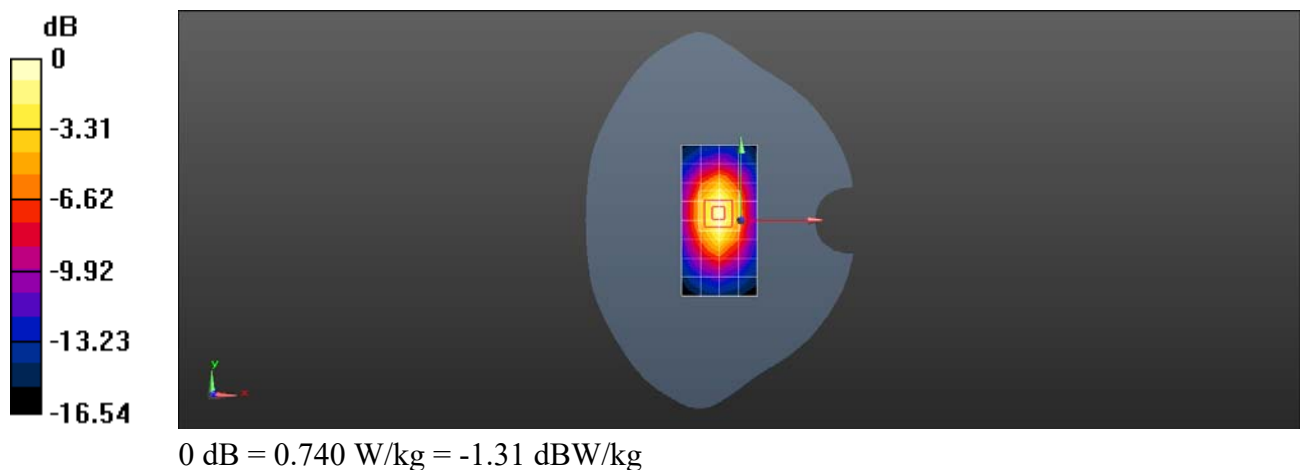
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.41 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 0.740 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 66 20M QPSK 50RB25 132072CH Bottom side 0mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.294$ S/m; $\epsilon_r = 40.286$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 7.26 W/kg

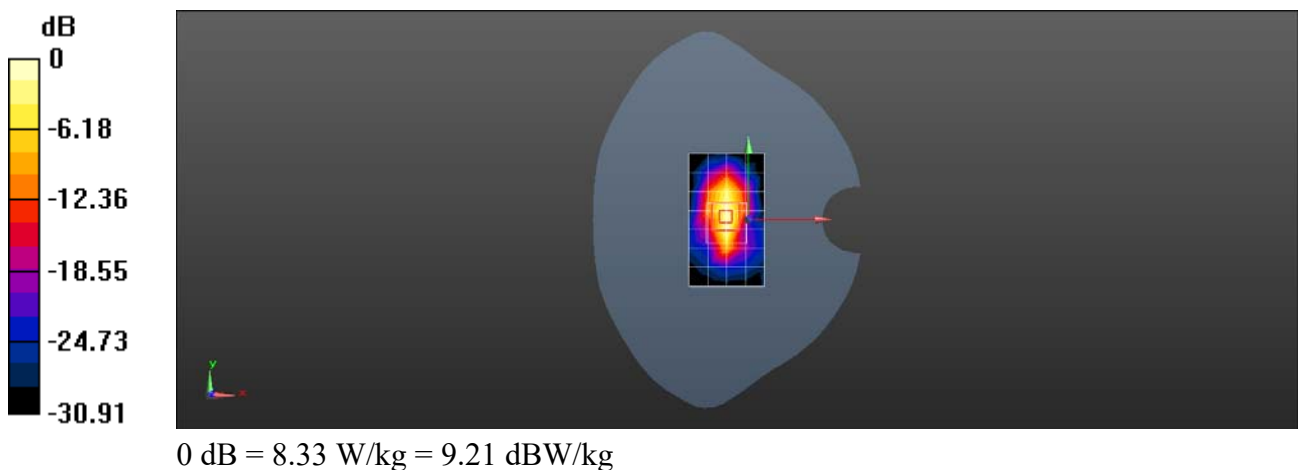
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.00 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 4.46 W/kg; SAR(10 g) = 1.86 W/kg

Maximum value of SAR (measured) = 8.33 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 66 20M QPSK 1RB0 132322CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

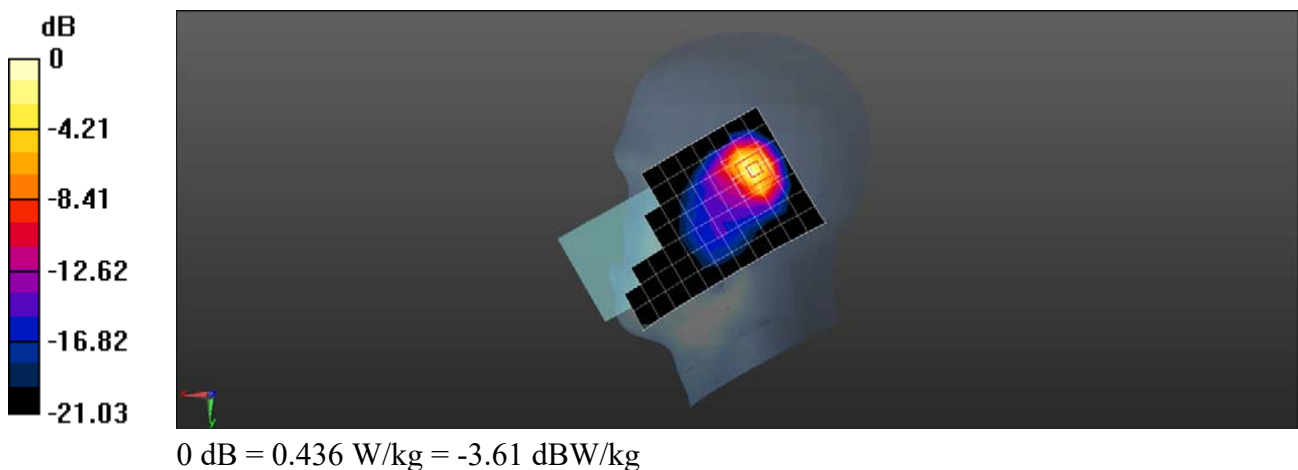
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.49 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.585 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.436 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 66 20M QPSK 1RB0 132322CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.138 W/kg

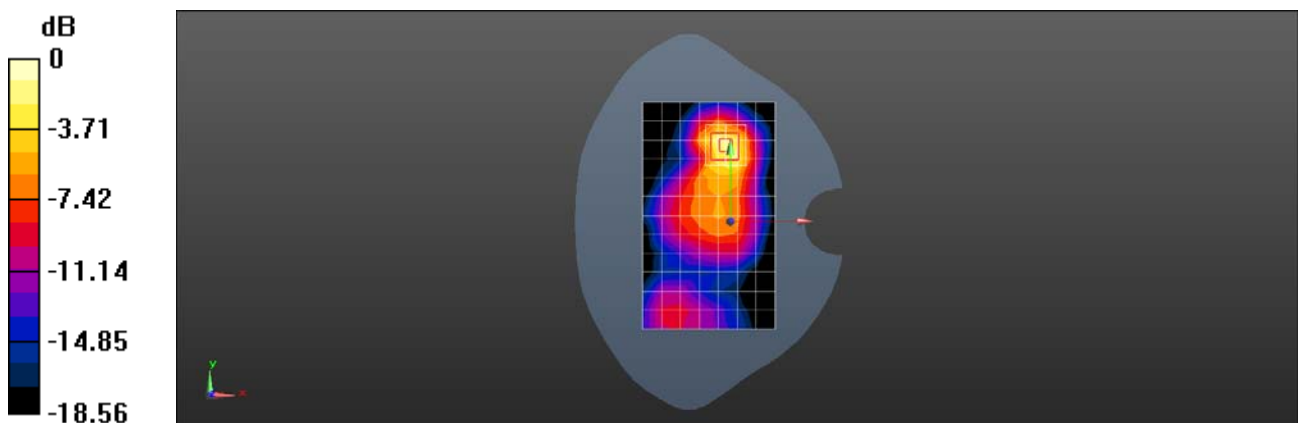
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.857 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G LTE Band 66 20M QPSK 1RB0 132322CH Top side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 40.273$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.186 W/kg

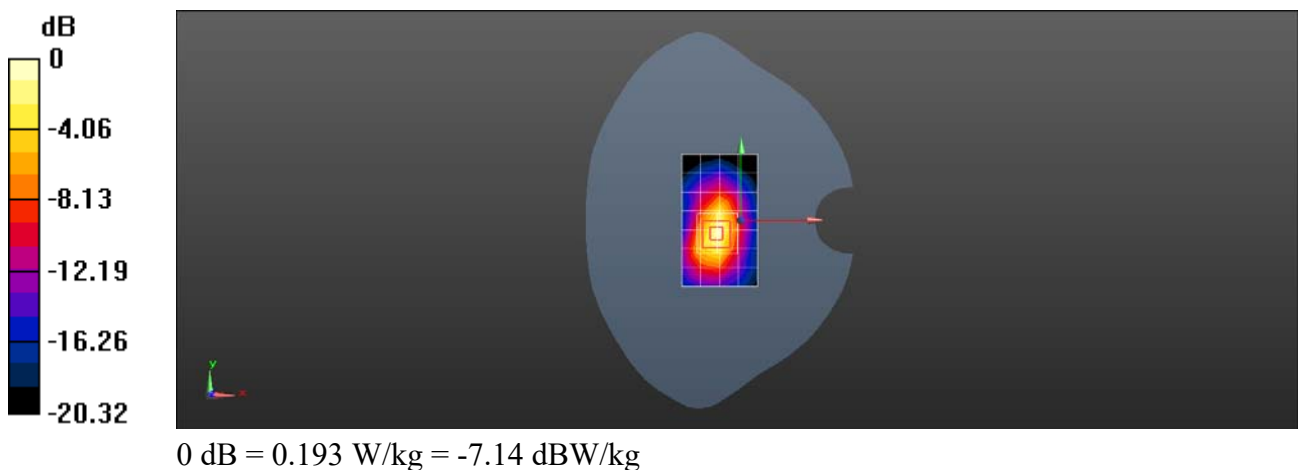
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.338 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.193 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19C 5GNR N7 QPSK 20M 25RB13 502000CH Right cheek Ant1

DUT: M2103K19C; Type: Mobile Phone; Serial: 860441050048177

Communication System: UID 0, NR (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- 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) = 0.481 W/kg

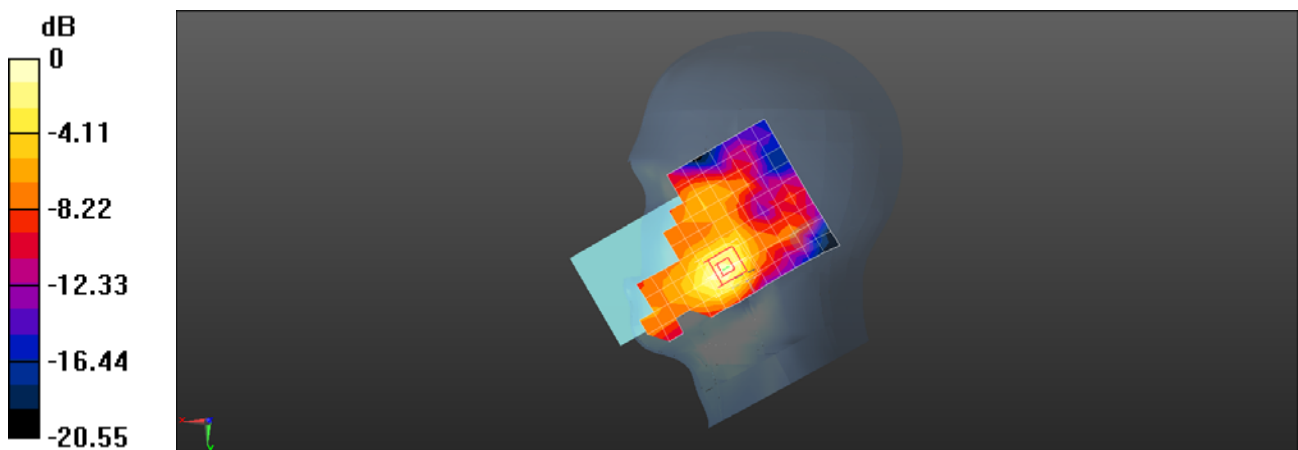
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.125 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.171 W/kg

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



0 dB = 0.468 W/kg = -3.30 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19C 5GNR N7 QPSK 20M 25RB13 502000CH Back side 15mm Ant1

DUT: M2103K19C; Type: Mobile Phone; Serial: 860441050048177

Communication System: UID 0, NR (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³

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: 2021/02/05
- 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) = 0.795 W/kg

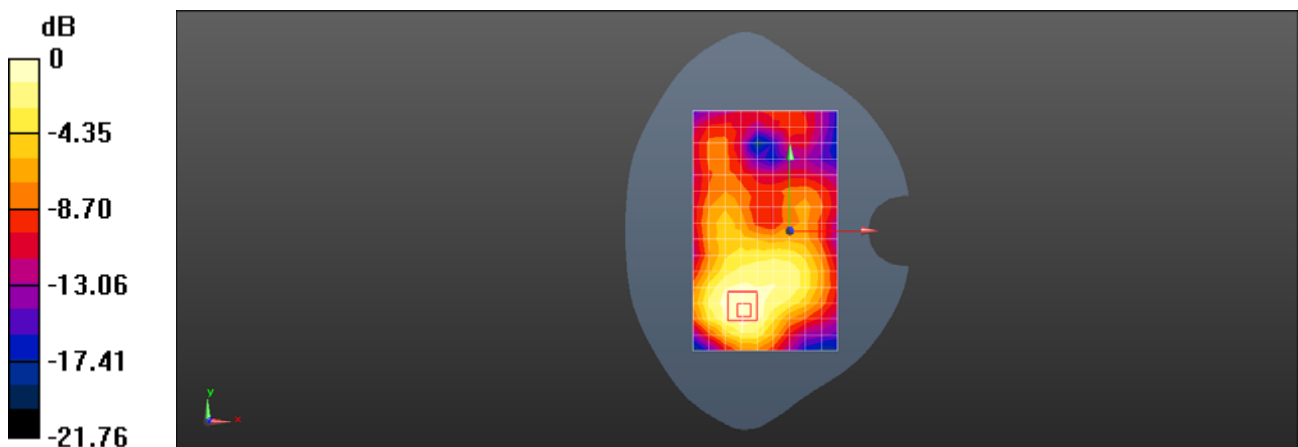
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.236 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.818 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N7 QPSK 20M 50RB28 502000CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050048177

Communication System: UID 0, NR (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.752$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.23 W/kg

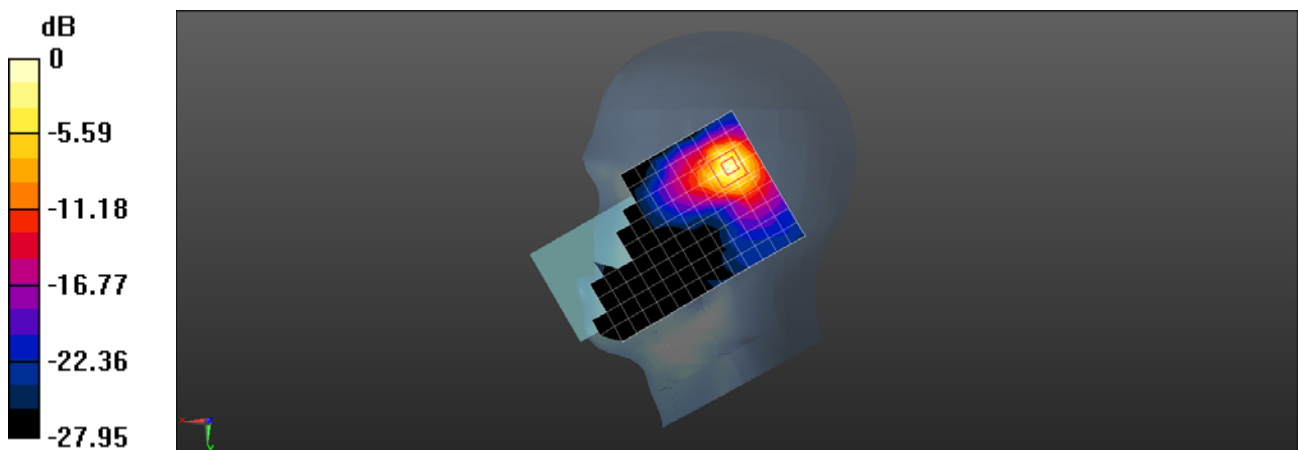
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.923 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.313 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

M2103K19G 5GNR N7 QPSK 20M 1RB53 502000CH Back sdie 5mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.752$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.189 W/kg

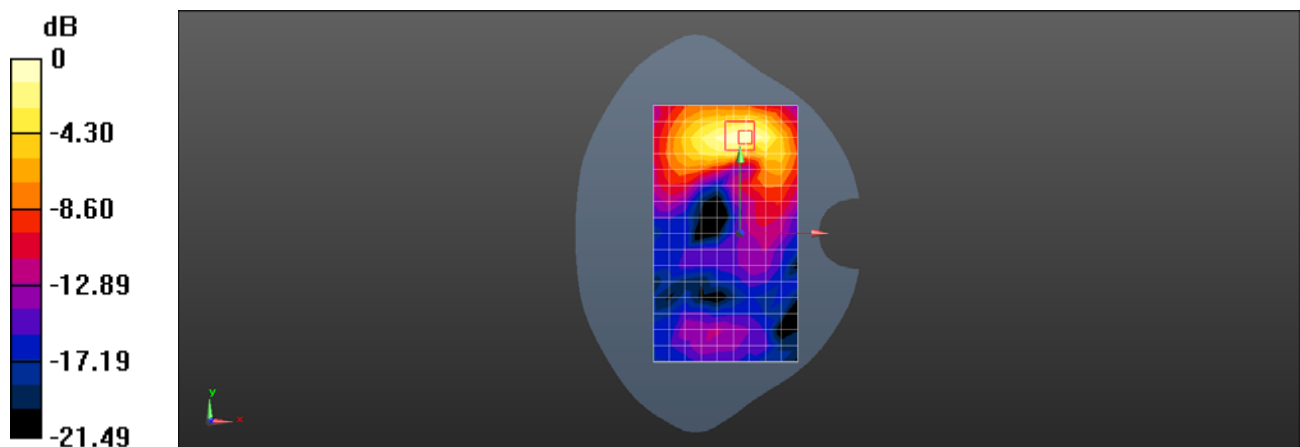
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.09600 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19C 5GNR N38 QPSK 20M 1RB53 516000CH Right cheek Ant1

DUT: M2103K19C; Type: Mobile Phone; Serial: 860441050048177

Communication System: UID 0, NR (0); Frequency: 2580 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 1.947$ S/m; $\epsilon_r = 40.017$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- 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) = 0.583 W/kg

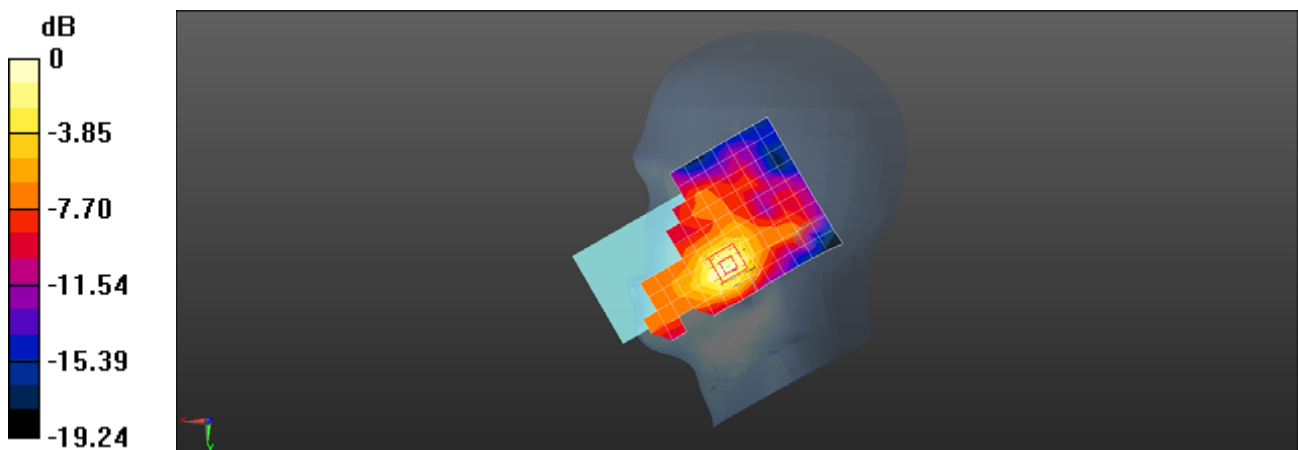
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.368 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.208 W/kg

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



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

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N38 QPSK 20M 1RB53 516000CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 2580 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 1.947$ S/m; $\epsilon_r = 40.017$; $\rho = 1000$ kg/m³

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: 2021/02/05
- 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) = 0.666 W/kg

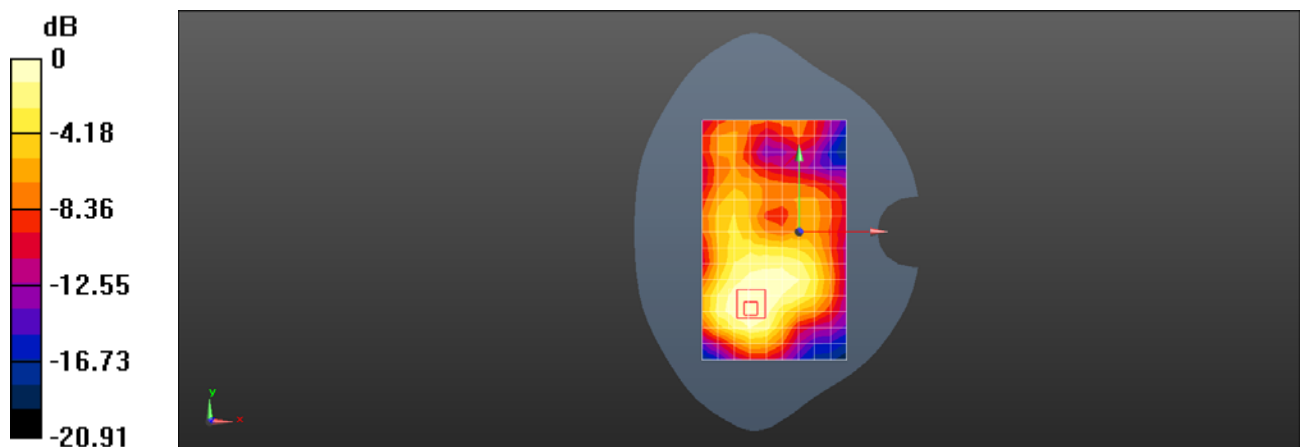
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.490 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.639 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N38 QPSK 20M 1RB53 522000CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 2610 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2610$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 39.912$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.976 W/kg

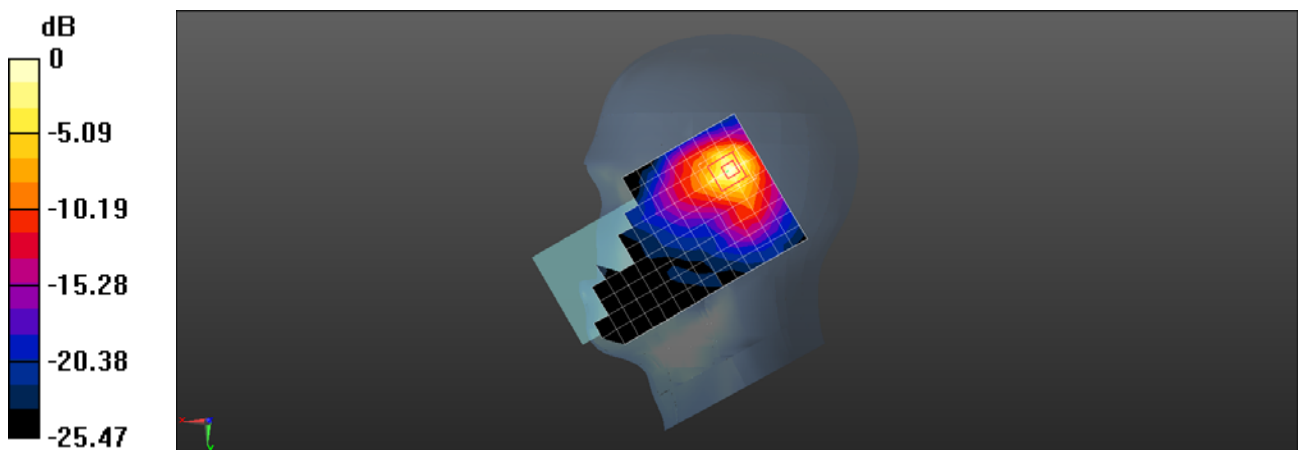
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.271 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.982 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N38 QPSK 20M 1RB53 522000CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 2610 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2610$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 39.912$; $\rho = 1000$ kg/m³

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: 2021/02/05
- 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) = 0.514 W/kg

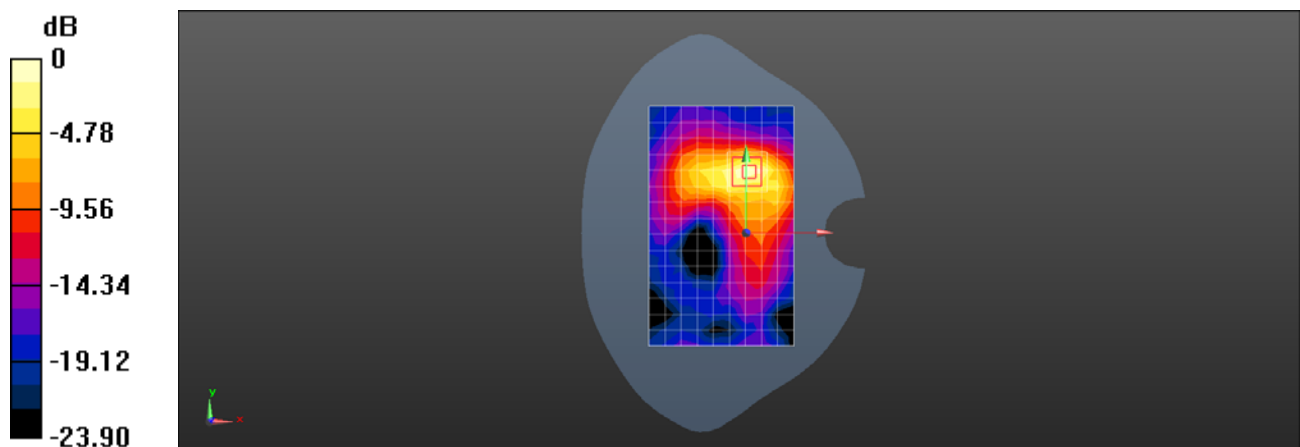
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.865 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.504 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19C 5GNR N41 QPSK 100M 1RB137 509202CH Right cheek Ant1

DUT: M2103K19C; Type: Mobile Phone; Serial: 860441050048177

Communication System: UID 0, NR (0); Frequency: 2546.01 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used (interpolated): $f = 2546.01$ MHz; $\sigma = 1.908$ S/m; $\epsilon_r = 40.108$; $\rho = 1000$ kg/m³
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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.600 W/kg

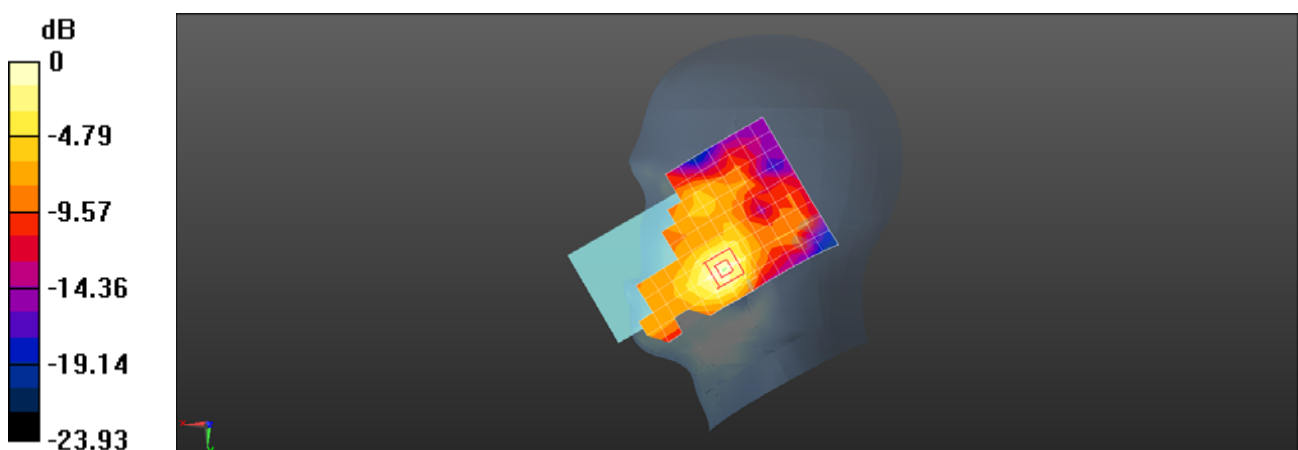
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.492 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.598 W/kg



0 dB = 0.598 W/kg = -2.23 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N41 100M 1RB137 509202CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 2546.01 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used (interpolated): $f = 2546.01$ MHz; $\sigma = 1.908$ S/m; $\epsilon_r = 40.108$; $\rho = 1000$ kg/m³
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: 2021/02/05
- 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) = 0.792 W/kg

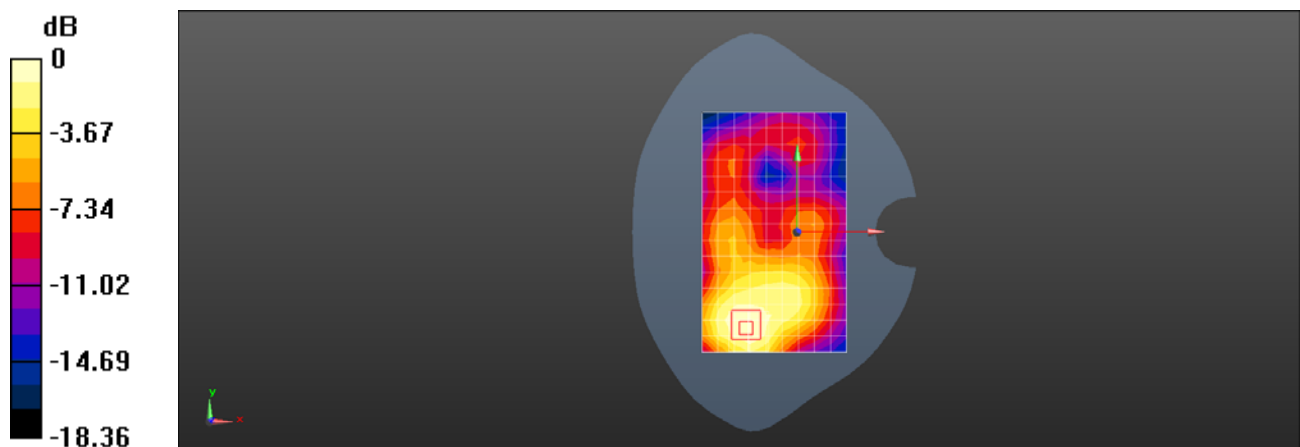
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.125 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N41 100M 135RB69 523302CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 2616.51 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2617$ MHz; $\sigma = 1.99$ S/m; $\epsilon_r = 39.889$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.12 W/kg

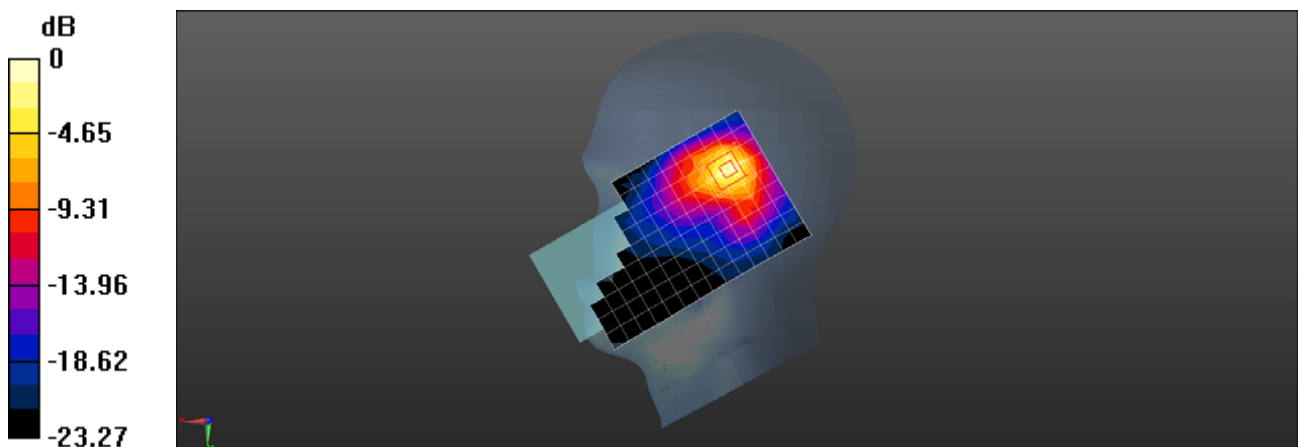
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.520 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N41 100M 135RB69 523302CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 2616.51 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2617$ MHz; $\sigma = 1.99$ S/m; $\epsilon_r = 39.889$; $\rho = 1000$ kg/m³

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: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.548 W/kg

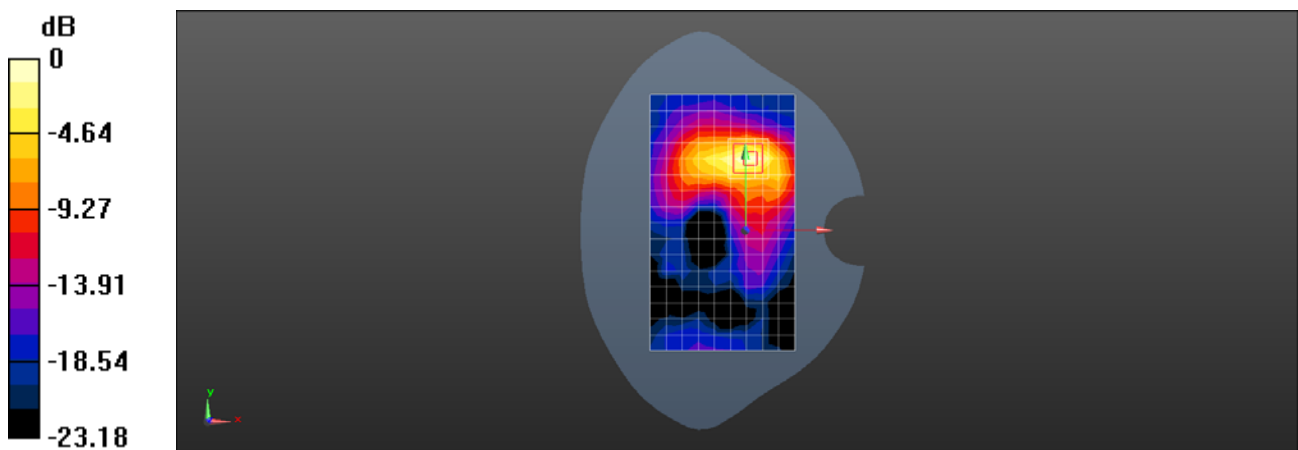
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.787 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.562 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G 5G NR N66 20M QPSK 1RB1 354000CH Right cheek Ant1

DUT: M2103K19G; Type: Mobile phone; Serial: 860441050047195

Communication System: UID 0, 5GNR N66; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 38.722$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.101 W/kg

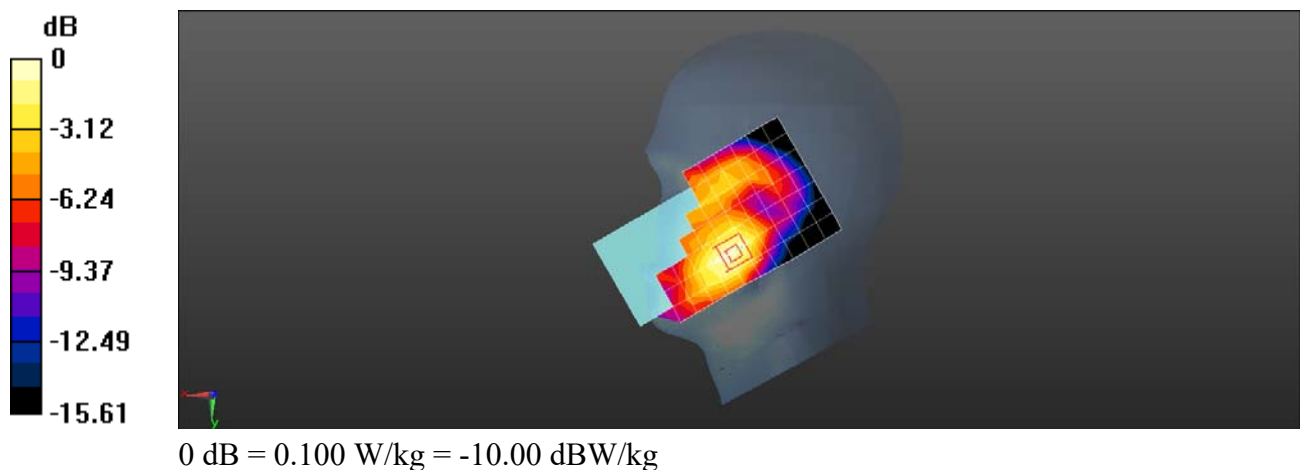
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.621 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.058 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G 5G NR N66 20M QPSK 1RB1 354000CH Back side 15mm Ant1

DUT: M2103K19G; Type: Mobile phone; Serial: 860441050047195

Communication System: UID 0, 5GNR N66; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 38.722$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.504 W/kg

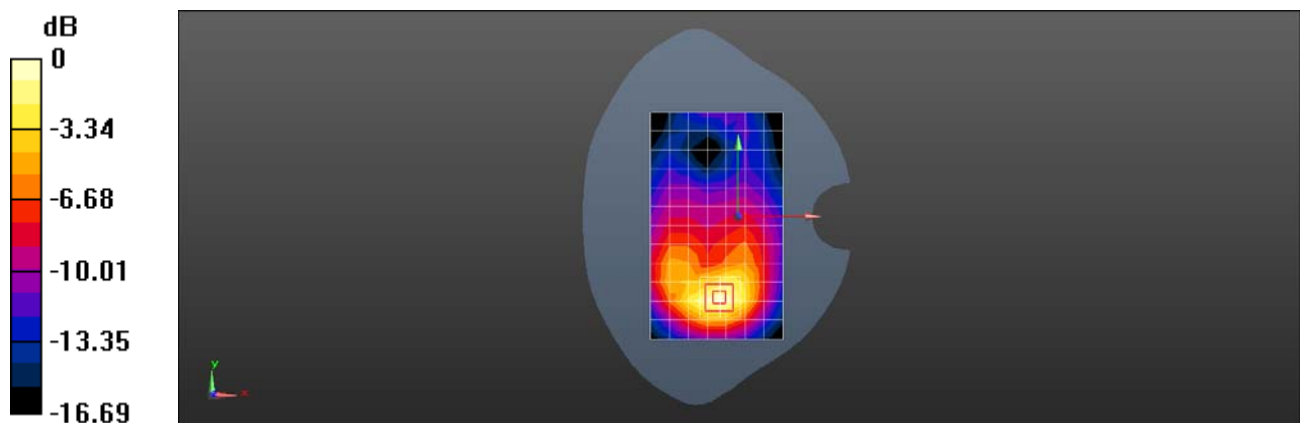
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.111 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.549 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N66 20M QPSK 1RB1 354000CH Bottom side 15mm Ant1

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050052450

Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 40.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.830 W/kg

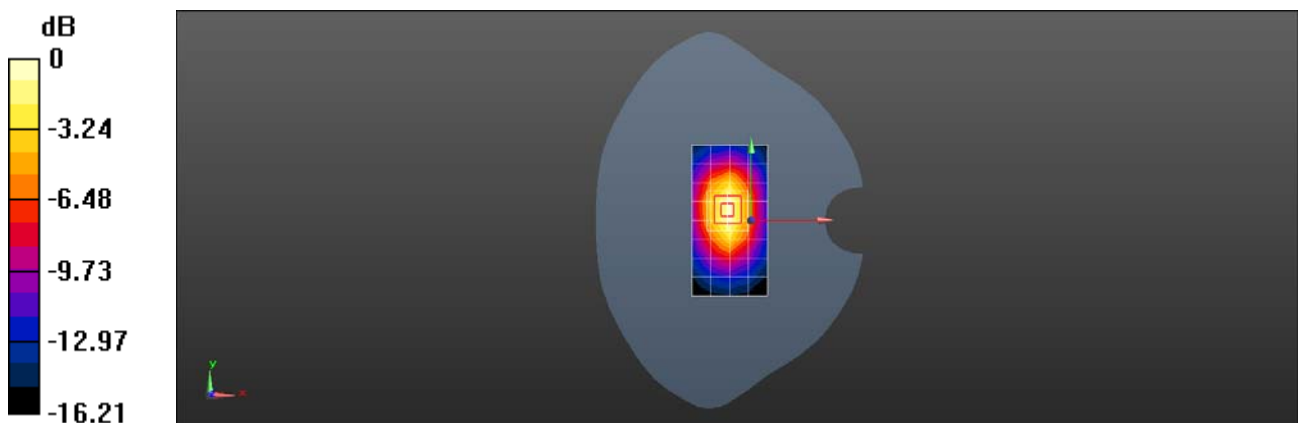
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.34 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.372 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G 5G NR N66 20M QPSK 25RB26 349000CH Right tilted Ant4

DUT: M2103K19G; Type: Mobile phone; Serial: 860441050047195

Communication System: UID 0, 5GNR N66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 38.856$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.226 W/kg

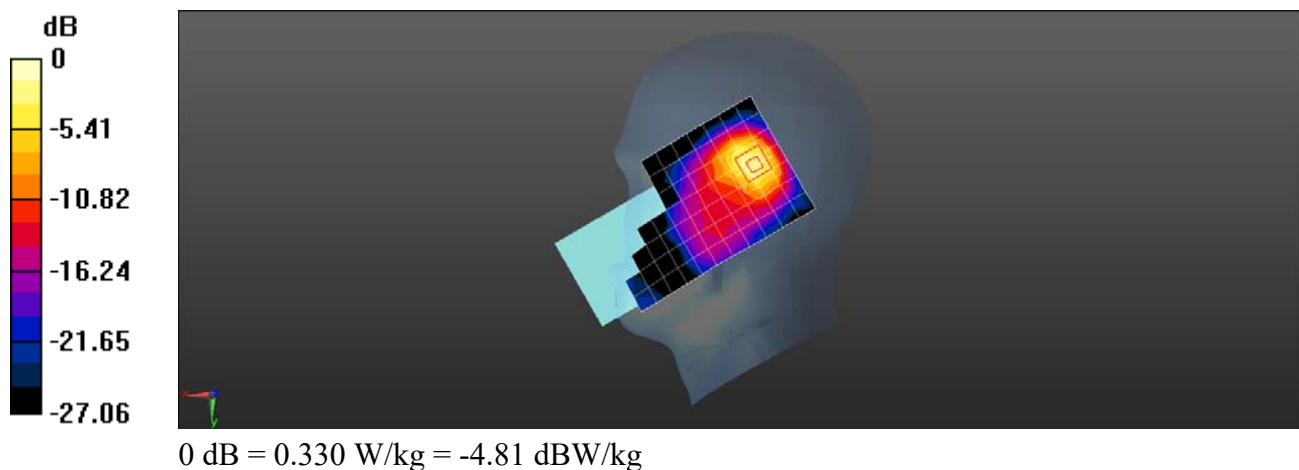
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.884 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.549 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G 5G NR N66 20M QPSK 25RB26 349000CH Back side 10mm Ant4

DUT: M2103K19G; Type: Mobile phone; Serial: 860441050047195

Communication System: UID 0, 5GNR N66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 38.856$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.103 W/kg

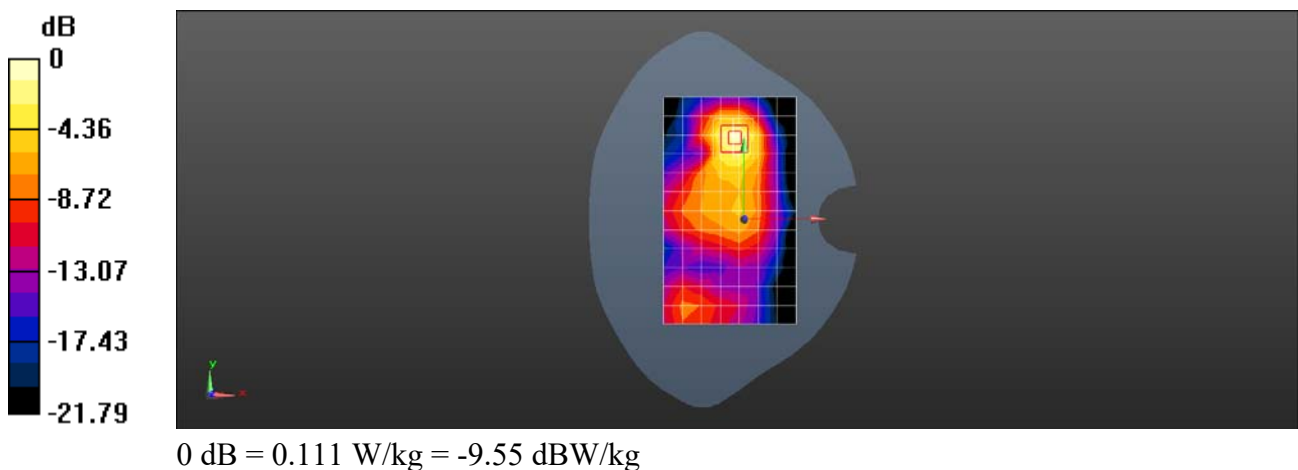
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.563 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.052 W/kg

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



Test Laboratory: SGS-SAR Lab

M2103K19G 5G NR N66 20M QPSK 25RB26 349000CH Top side 10mm Ant4

DUT: M2103K19G; Type: Mobile phone; Serial: 860441050047195

Communication System: UID 0, 5GNR N66; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 38.856$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: ES3DV3 - SN3204; ConvF(5.44, 5.44, 5.44); Calibrated: 2021-02-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2021-02-05
- 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) = 0.108 W/kg

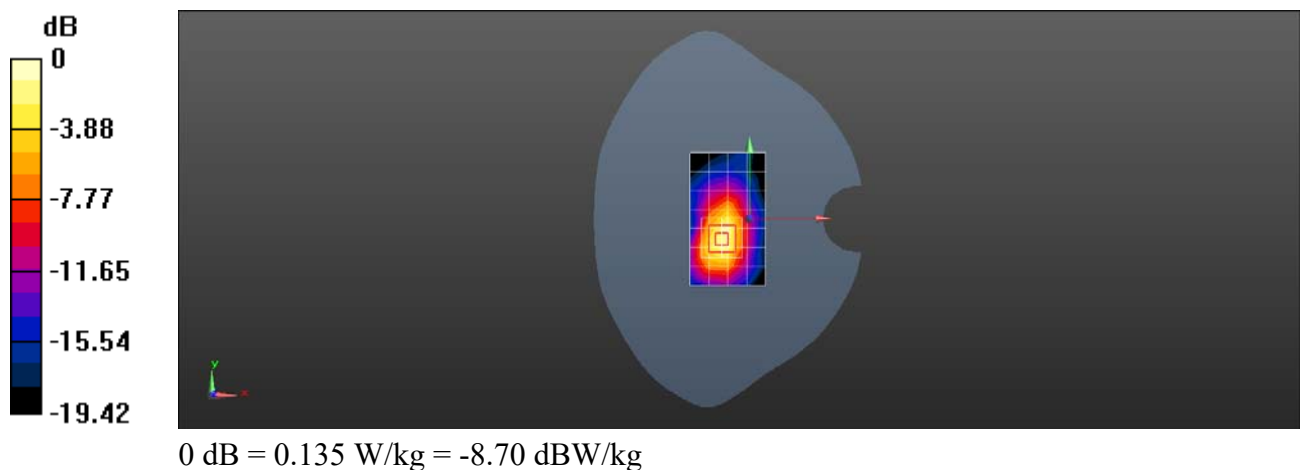
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.460 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.135 W/kg



Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N77 100M 135RB138 654800CH Right cheek Ant2

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 3822 MHz; Duty Cycle: 1:1

Medium: HSL3900; Medium parameters used: $f = 3822$ MHz; $\sigma = 3.197$ S/m; $\epsilon_r = 36.756$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.06, 6.06, 6.06); Calibrated: 2020-07-29
- 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 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

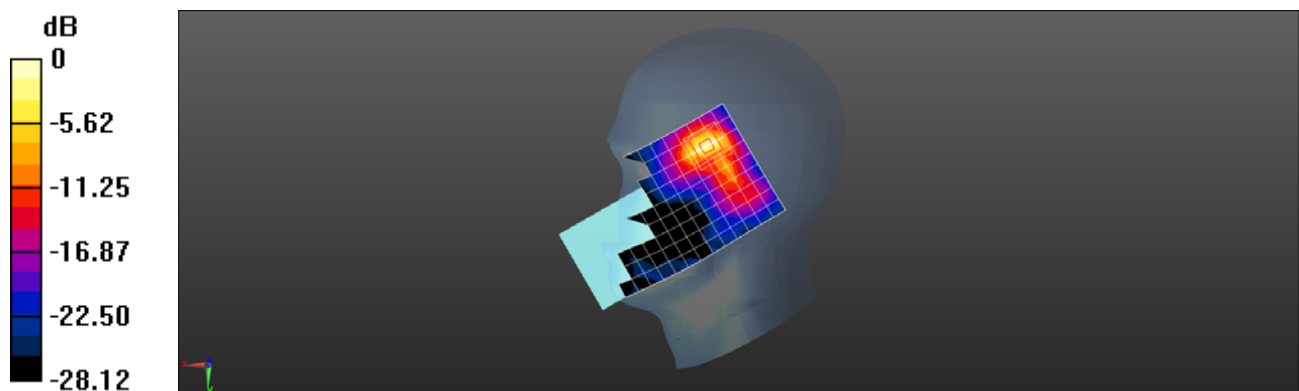
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.743 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.209 W/kg

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



0 dB = 1.37 W/kg = 1.37 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N78 DFT 100M 135RB138 650000CH Back side 10mm Ant2

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.119$ S/m; $\epsilon_r = 37.017$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.78, 6.78, 6.78); Calibrated: 2020-10-28
- 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 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.689 W/kg

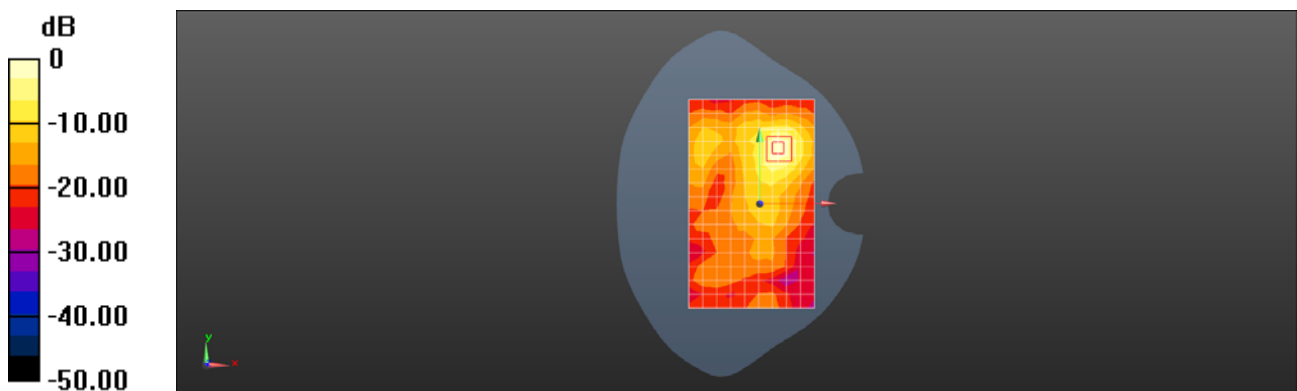
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.057 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N78 DFT 100M 135RB138 650000CH Left side 10mm Ant2-205

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.119$ S/m; $\epsilon_r = 37.017$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.78, 6.78, 6.78) @ 3750 MHz; Calibrated: 2020-10-28
- 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 14.6.13(7474)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 4.646 V/m; Power Drift = 0.28 dB

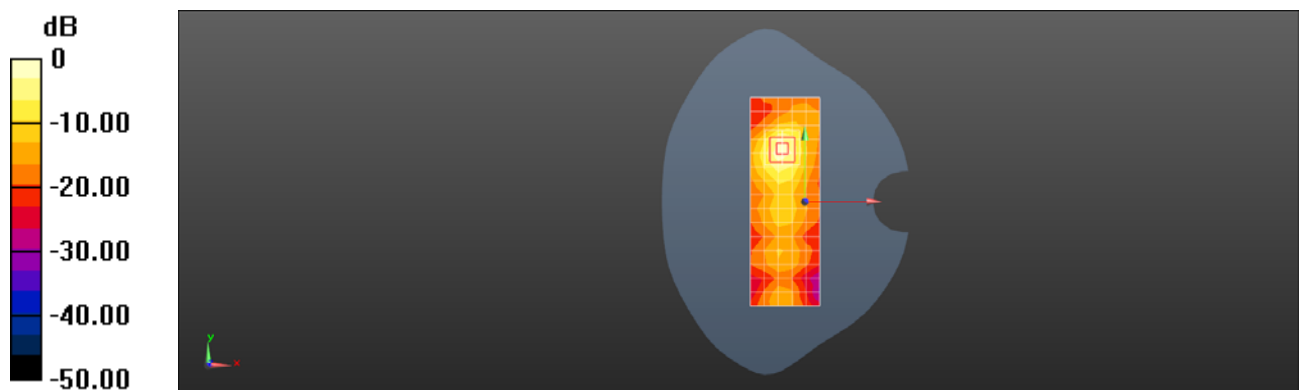
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.272 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 36.9%

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N78 DFT 100M 135RB138 650000CH Right cheek Ant2

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050048177

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.119$ S/m; $\epsilon_r = 37.017$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.78, 6.78, 6.78); Calibrated: 2020-10-28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020-06-12
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.716 W/kg

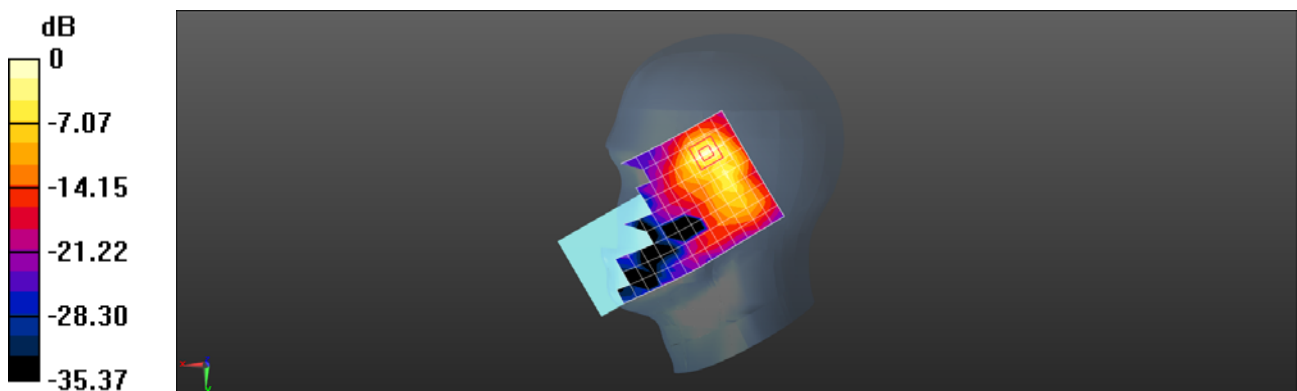
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.463 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.922 W/kg



0 dB = 0.922 W/kg = -0.35 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N78 DFT 100M 135RB138 650000CH Back side 10mm Ant2

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.119$ S/m; $\epsilon_r = 37.017$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.78, 6.78, 6.78); Calibrated: 2020-10-28
- 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 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.689 W/kg

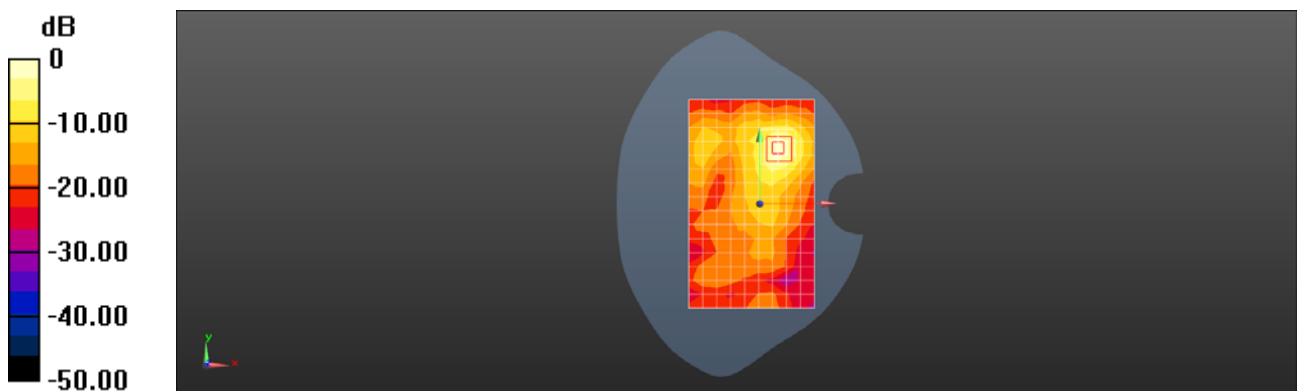
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.057 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G 5GNR N78 DFT 100M 135RB138 650000CH Left side 10mm Ant2-205

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050053433

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.119$ S/m; $\epsilon_r = 37.017$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.78, 6.78, 6.78) @ 3750 MHz; Calibrated: 2020-10-28
- 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 14.6.13(7474)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 4.646 V/m; Power Drift = 0.28 dB

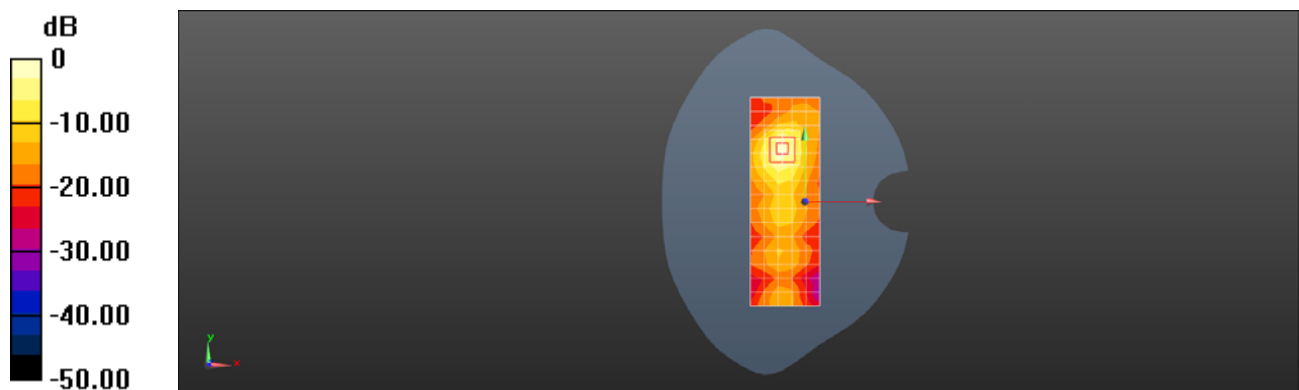
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.272 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 36.9%

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G WIFI 2.4G 802.11b 1CH Left cheek Ant7

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047153

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

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.759$ S/m; $\epsilon_r = 40.247$; $\rho = 1000$ kg/m³

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 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.576 W/kg

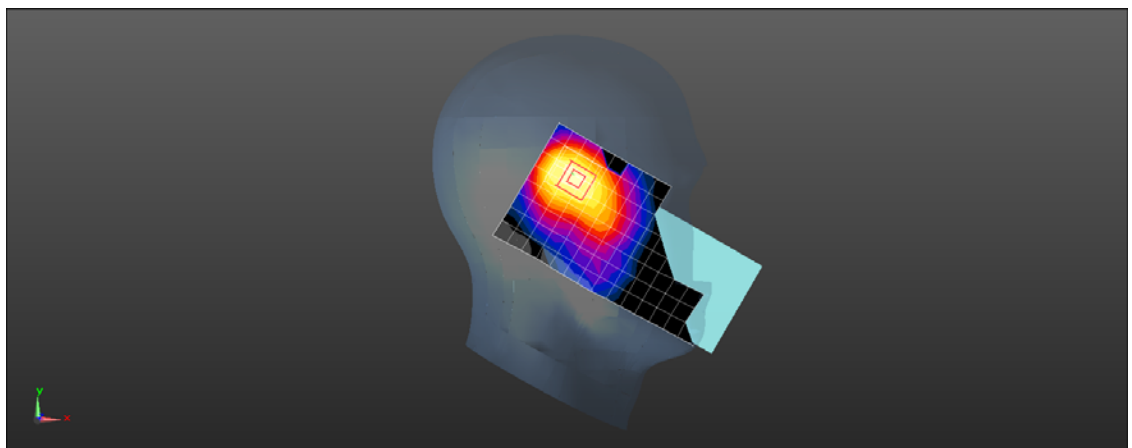
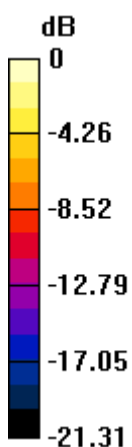
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.764 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.652 W/kg



0 dB = 0.652 W/kg = -1.86 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19C WIFI 2.4G 802.11b 1CH Back side 10mm Ant7

DUT: M2103K19C; Type: Mobile Phone; Serial: 860441050047153

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

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.759$ S/m; $\epsilon_r = 40.247$; $\rho = 1000$ kg/m³

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 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.208 W/kg

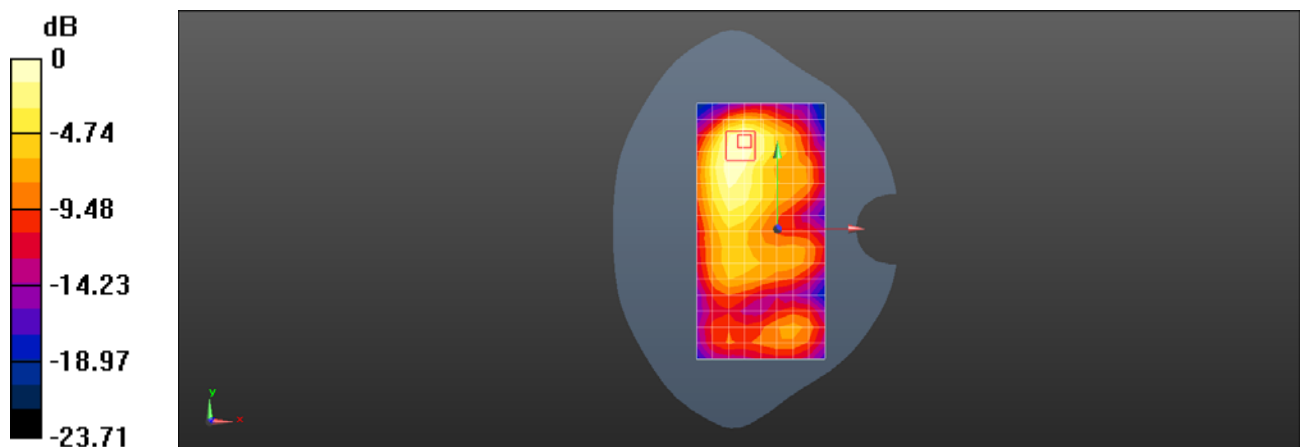
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.308 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg = -6.50 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G WIFI 5G 802.11a 64CH Left tilted Ant7

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047153

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5320 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5320$ MHz; $\sigma = 4.851$ S/m; $\epsilon_r = 35.762$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(5.05, 5.05, 5.05); Calibrated: 2020-07-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM 1; Type: SAM; Serial: 1640
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.72 W/kg

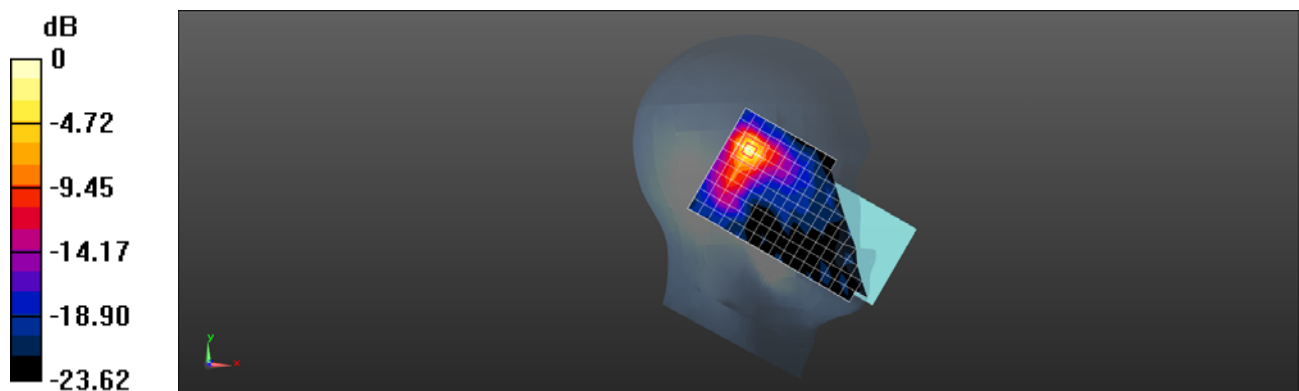
Configuration/Head/Zoom Scan (7x7x17)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.206 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G WIFI 5G 802.11a 149CH Back side 10mm Ant7

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047575

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.353 \text{ S/m}$; $\epsilon_r = 34.627$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.70, 4.70, 4.70); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

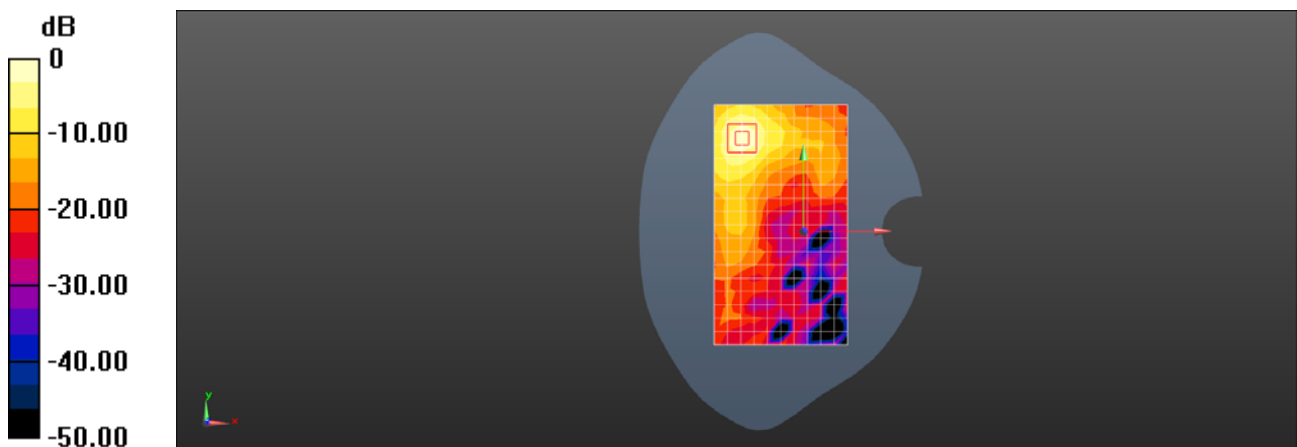
Configuration/Body/Zoom Scan (7x7x17)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 0.8590 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.572 W/kg ; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G WIFI 5G 802.11a 149CH Top side 10mm Ant7

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047575

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used: $f = 5745$ MHz; $\sigma = 5.353$ S/m; $\epsilon_r = 34.627$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.70, 4.70, 4.70); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.26 W/kg

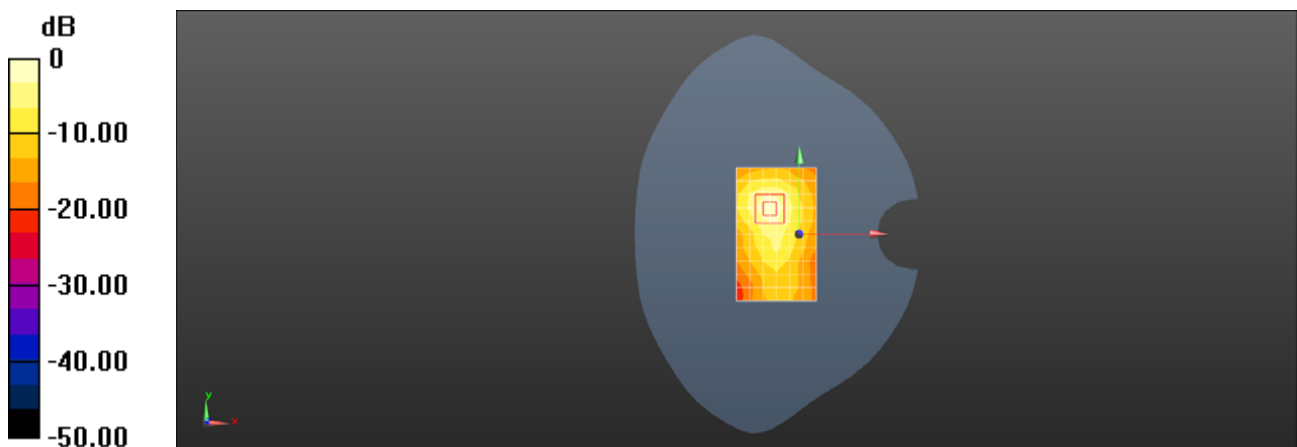
Configuration/Body/Zoom Scan (7x7x17)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.630 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G WIFI 5G 802.11a 64CH Top side 0mm Ant7

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047575

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5320 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5320$ MHz; $\sigma = 4.851$ S/m; $\epsilon_r = 35.762$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(5.05, 5.05, 5.05); Calibrated: 2020-07-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM 1; Type: SAM; Serial: 1640
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 12.8 W/kg

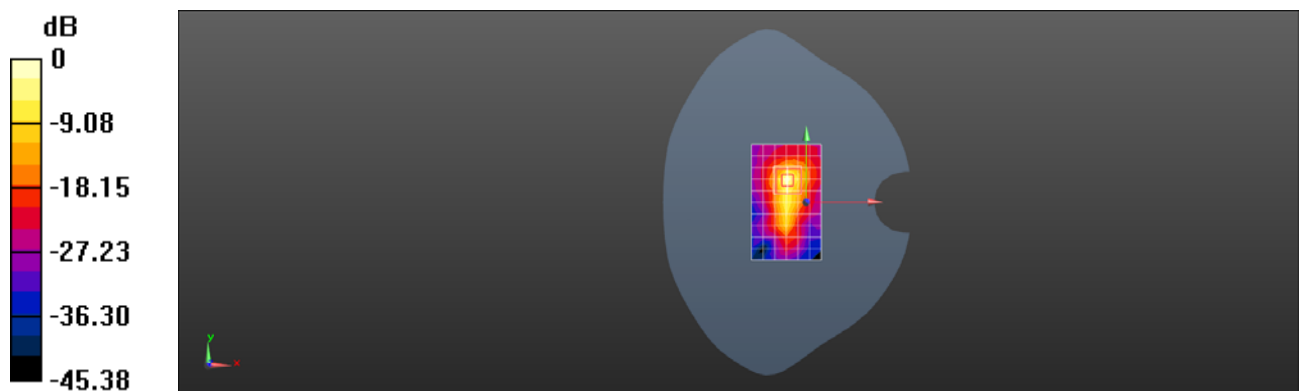
Configuration/Body/Zoom Scan (7x7x17)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.90 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 25.1 W/kg

SAR(1 g) = 3.7 W/kg; SAR(10 g) = 0.768 W/kg

Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G Bluetooth DH5 39CH Left cheek Ant7

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047153

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

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 Sn896; Calibrated: 2021/02/05
- Phantom: SAM 9; Type: SAM; Serial: 1769
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0340 W/kg

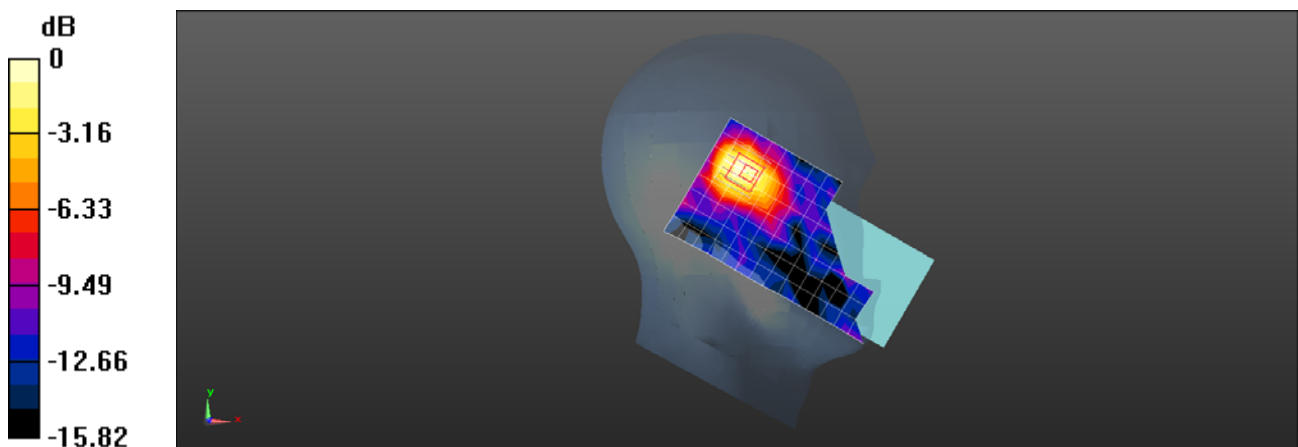
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.766 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0470 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0369 W/kg



0 dB = 0.0369 W/kg = -14.33 dBW/kg

Test Laboratory: SGS-SAR Lab

M2103K19G Bluetooth DH5 39CH Back side 10mm Ant7

DUT: M2103K19G; Type: Mobile Phone; Serial: 860441050047153

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

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 Sn896; Calibrated: 2021/02/05
- 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) = 0.0114 W/kg

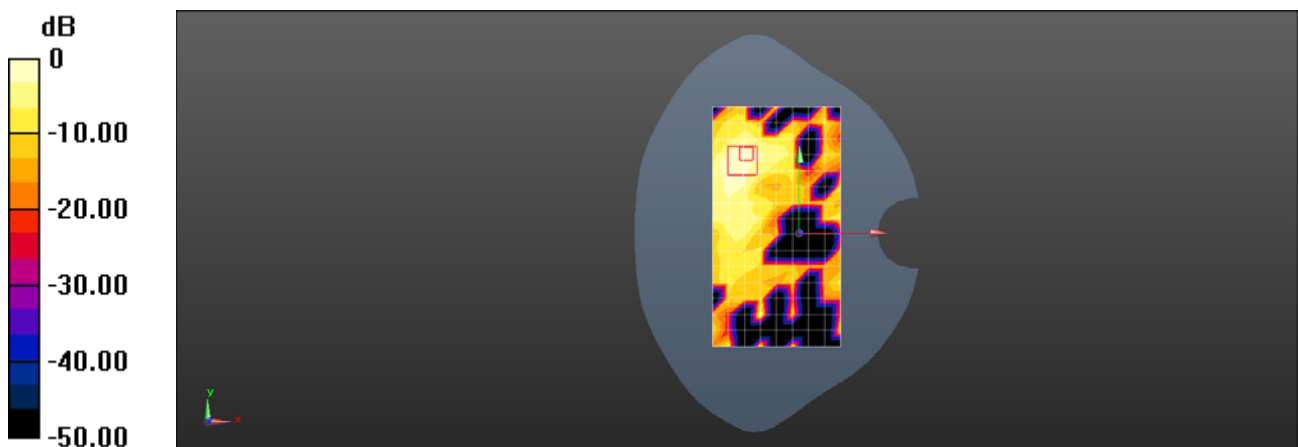
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.007 W/kg; SAR(10 g) = 0.00221 W/kg

Maximum value of SAR (measured) = 0.0125 W/kg



0 dB = 0.0125 W/kg = -19.03 dBW/kg