



Appendix B

Detailed Test Results

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

Test Laboratory: SGS-SAR Lab

SM-M115F GSM 850 GSM 190CH Right cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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; $\sigma = 0.939$ S/m; $\epsilon_r = 41.746$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.196 W/kg

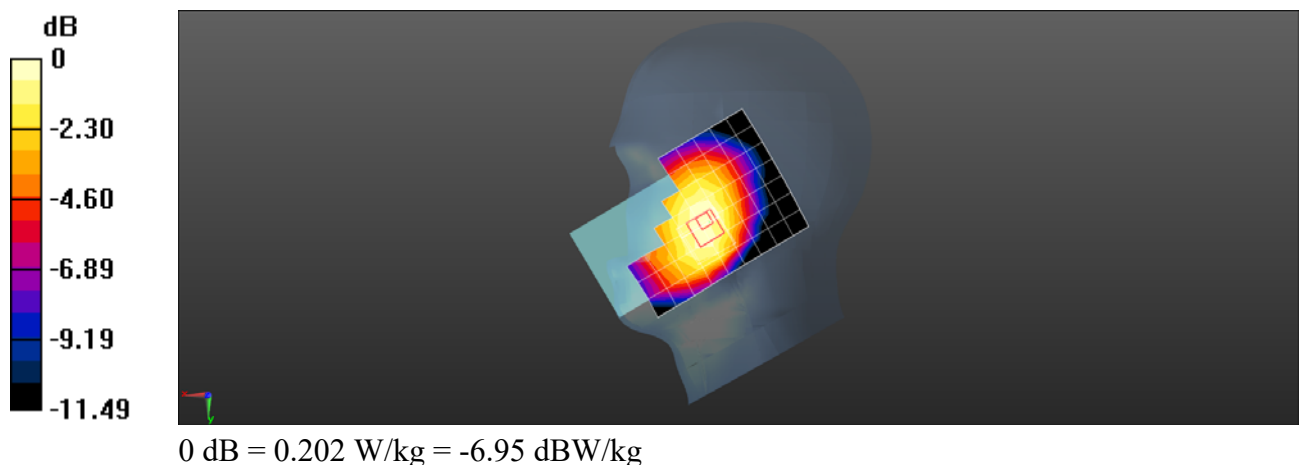
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.176 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.129 W/kg

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



Test Laboratory: SGS-SAR Lab

SM-M115F GSM 850 GSM 190CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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; $\sigma = 0.939$ S/m; $\epsilon_r = 41.746$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.213 W/kg

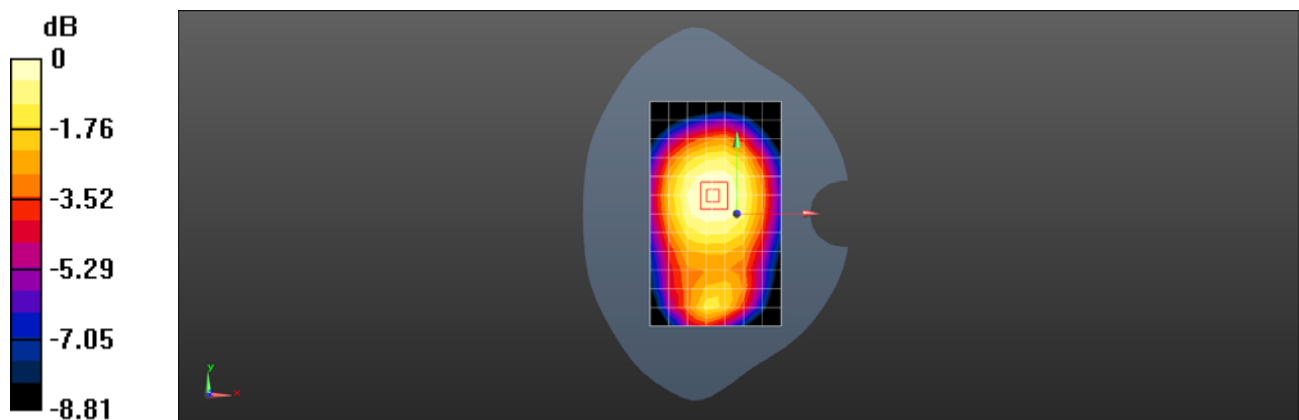
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.04 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.133 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

SM-M115F GSM 850 GPRS 4TS 190CH Back side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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; $\sigma = 0.939$ S/m; $\epsilon_r = 41.746$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.348 W/kg

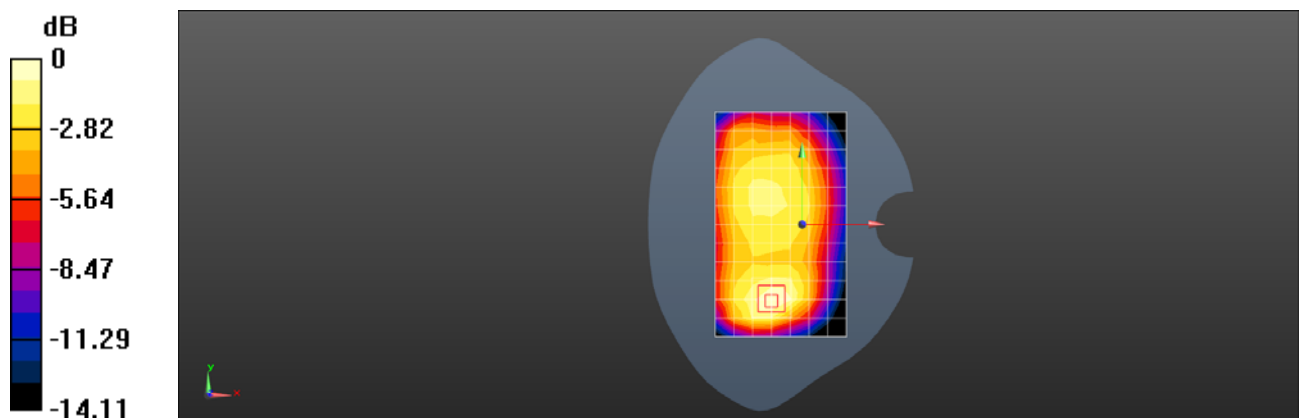
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.16 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F GSM 1900 GSM 661CH Left cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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; $\sigma = 1.408$ S/m; $\epsilon_r = 41.51$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.148 W/kg

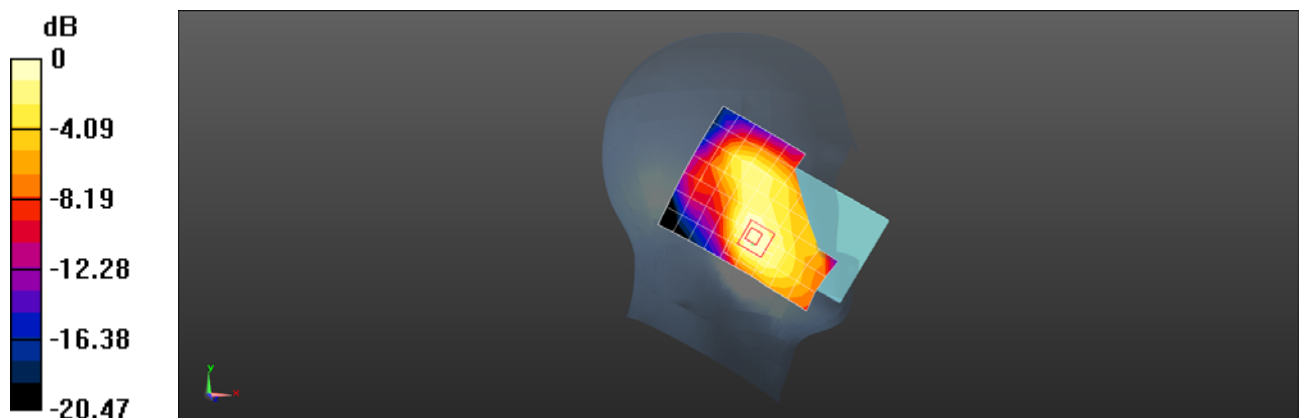
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.247 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = -8.21 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F GSM1900 GSM 661CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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; $\sigma = 1.408$ S/m; $\epsilon_r = 41.51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.259 W/kg

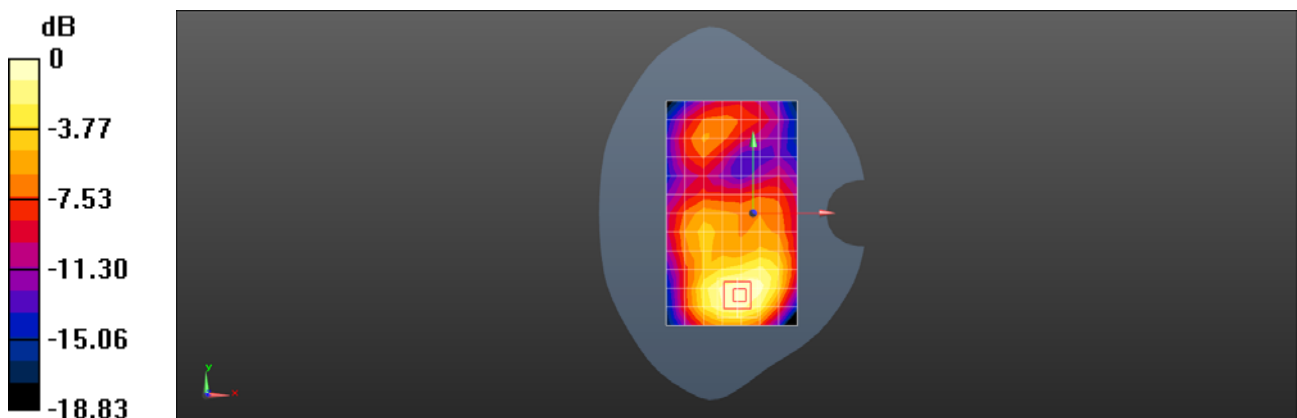
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.346 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.125 W/kg

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



0 dB = 0.280 W/kg = -5.53 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F GSM 1900 GPRS 3TS 661CH Bottom side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 41.51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.590 W/kg

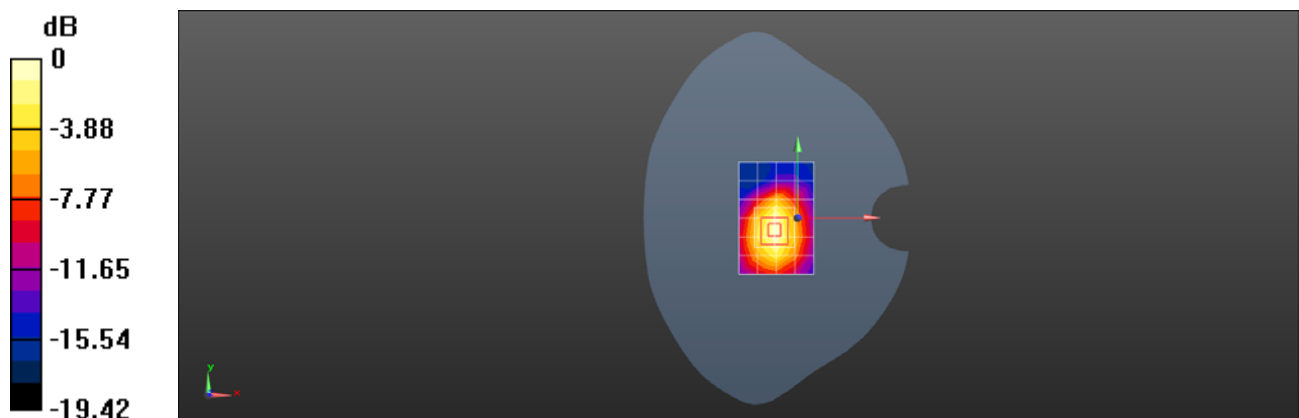
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.47 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.249 W/kg

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



0 dB = 0.626 W/kg = -2.03 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F WCDMA Band II 9400CH Left cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 41.51$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

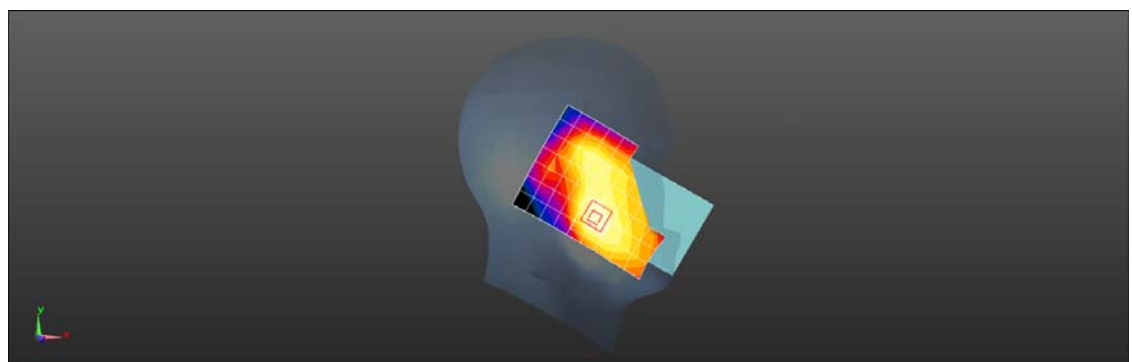
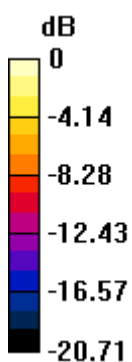
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.994 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.29 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F WCDMA Band II 9400CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 41.51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.330 W/kg

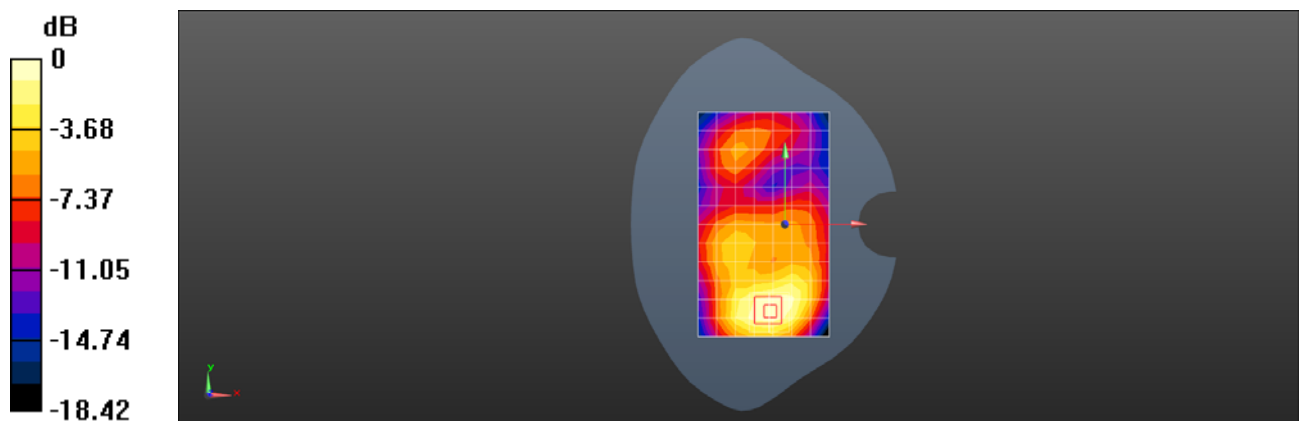
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.546 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.164 W/kg

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



0 dB = 0.363 W/kg = -4.40 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F WCDMA Band II 9538CH Bottom side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.433$ S/m; $\epsilon_r = 41.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

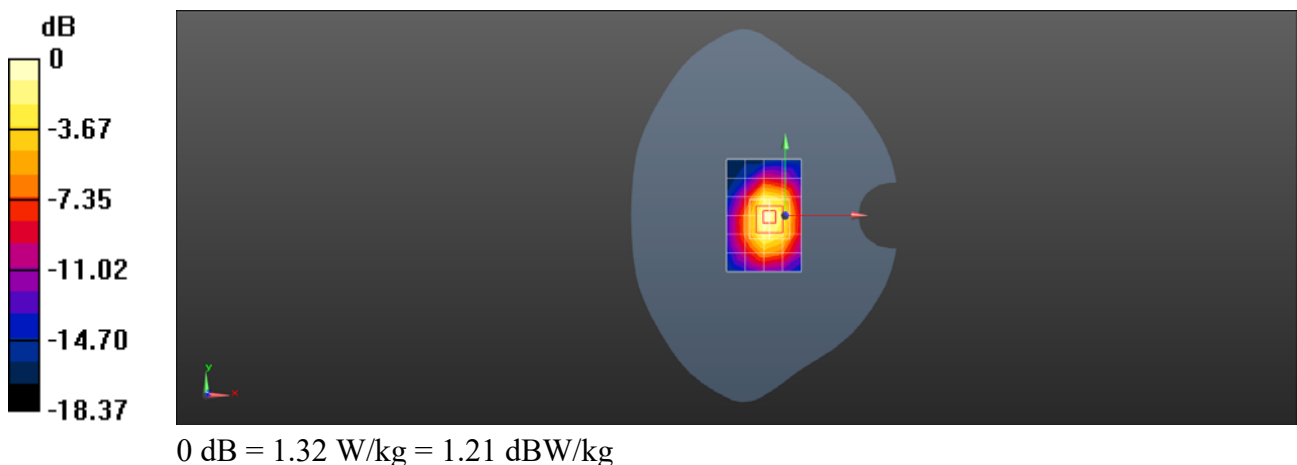
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.35 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.521 W/kg

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



Test Laboratory: SGS-SAR Lab

SM-M115F WCDMA Band V 4182CH Right cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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; $\epsilon_r = 41.751$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.210 W/kg

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

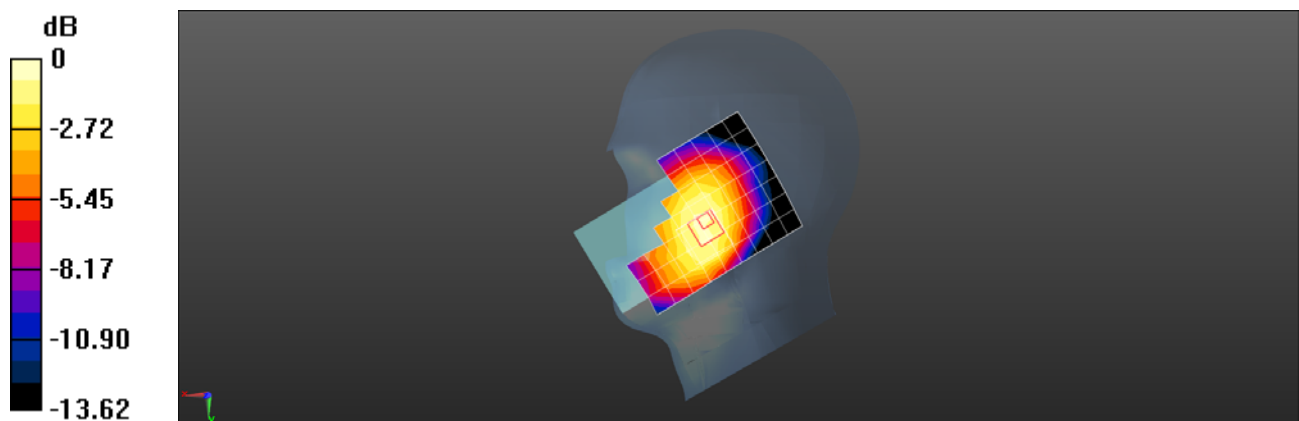
Reference Value = 3.565 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.149 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.236 W/kg



0 dB = 0.236 W/kg = -6.27 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F WCDMA Band V 4182CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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; $\epsilon_r = 41.751$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.200 W/kg

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

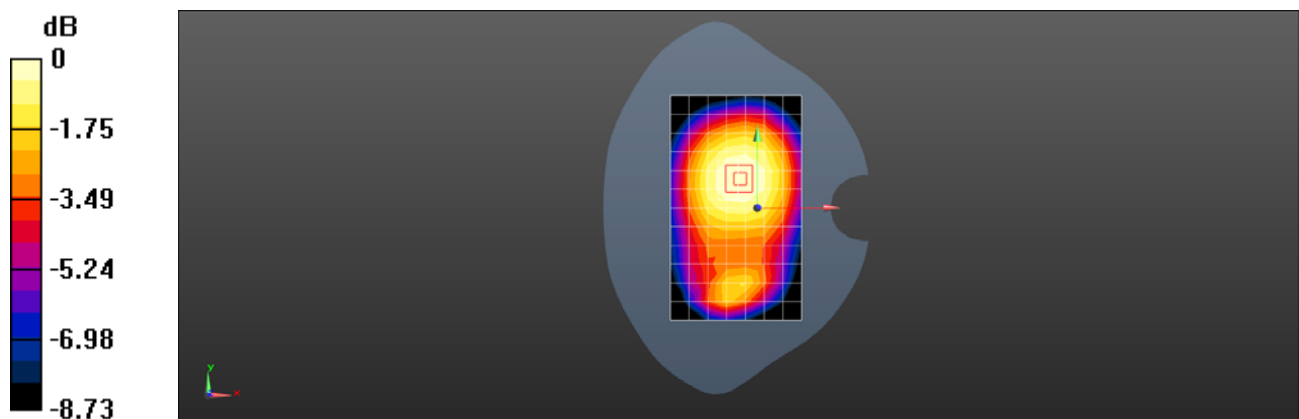
Reference Value = 12.64 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.128 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.203 W/kg = -6.93 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F WCDMA Band V 4182CH Back side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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; $\epsilon_r = 41.751$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.337 W/kg

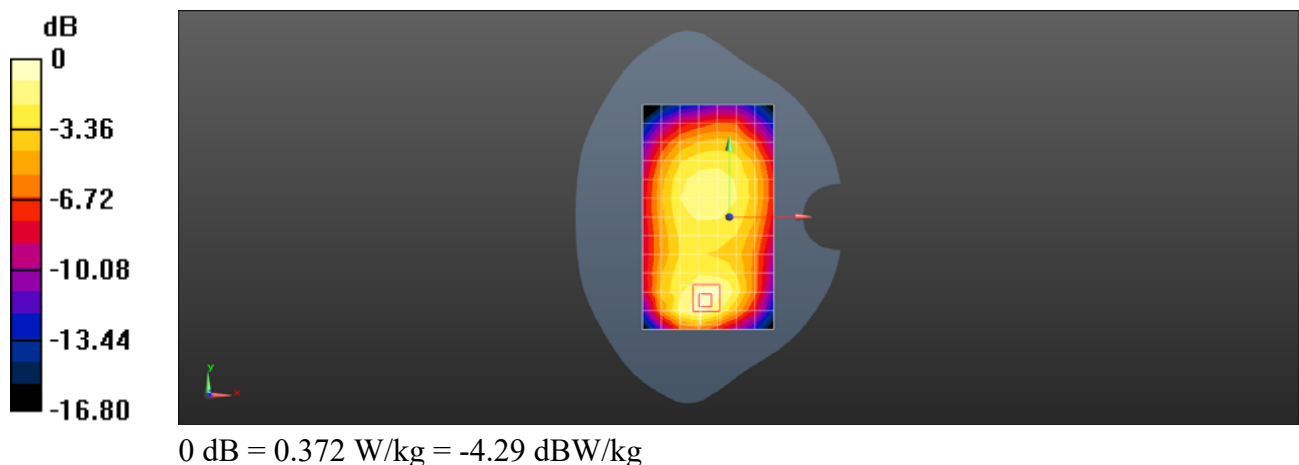
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.83 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 2 20M QPSK 1RB50 18900CH Left cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 41.51$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

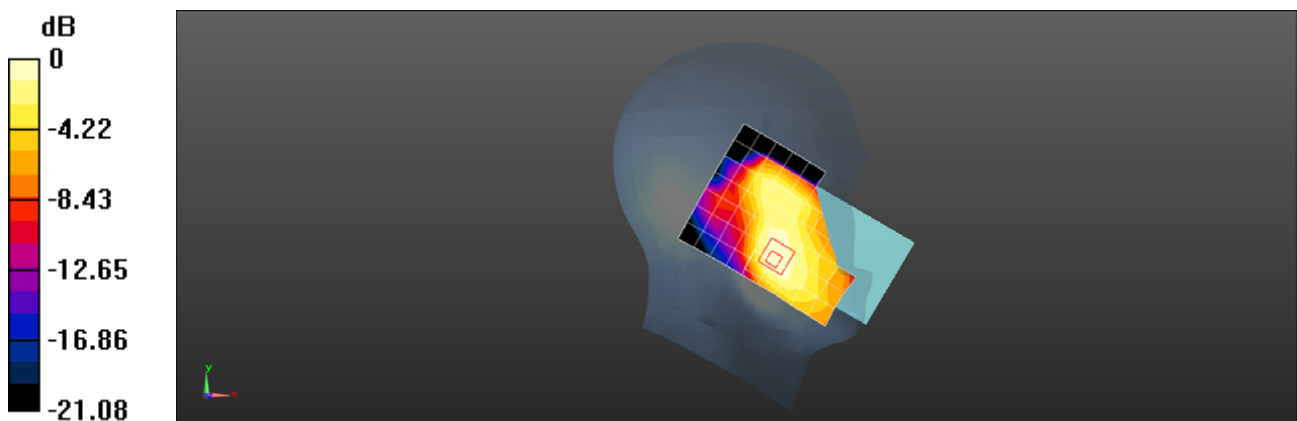
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.094 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.081 W/kg

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



0 dB = 0.171 W/kg = -7.67 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 2 20M QPSK 1RB50 18900CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 41.51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.443 W/kg

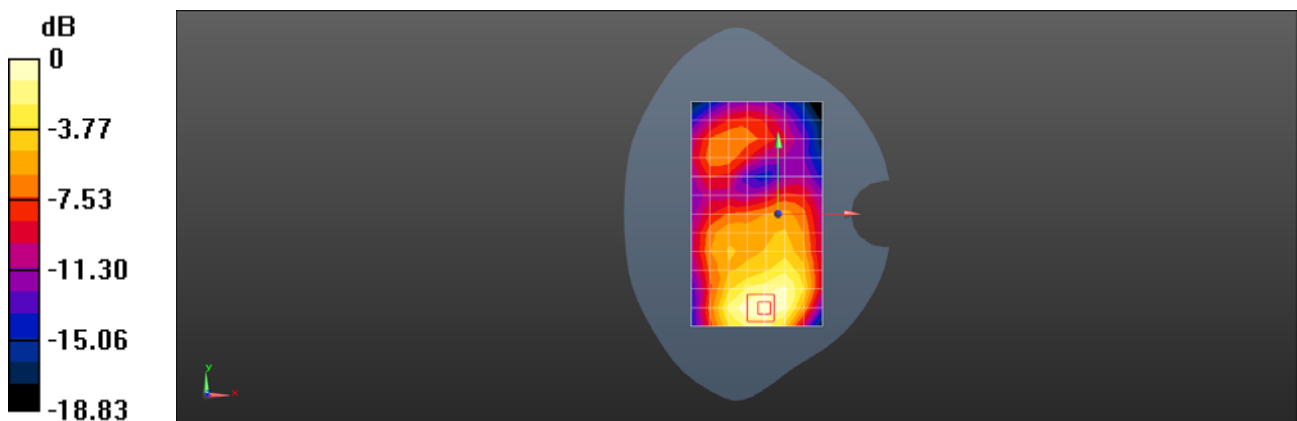
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.532 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.437 W/kg = -3.60 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 2 20M QPSK 1RB50 19100CH Bottom side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 41.472$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.48, 8.48, 8.48); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.12 W/kg

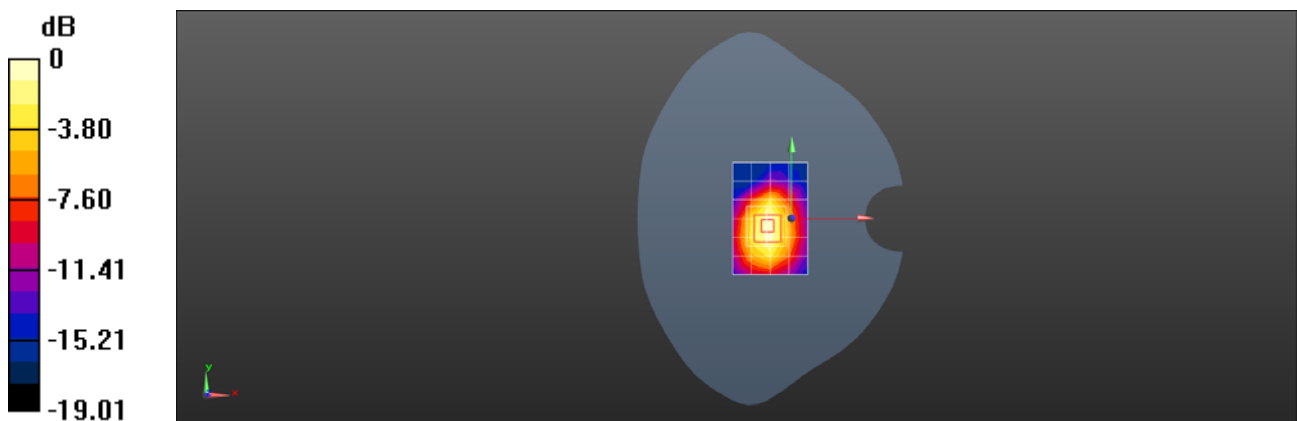
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.63 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.480 W/kg

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 5 10M QPSK 1RB49 20600CH Left cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL835; Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 41.692$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

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

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

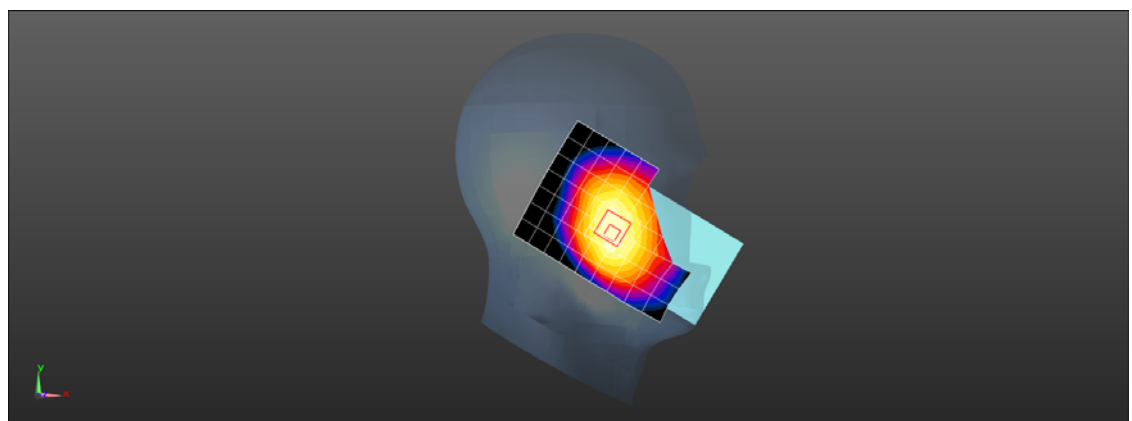
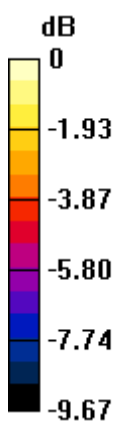
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.178 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.232 W/kg ; SAR(10 g) = 0.175 W/kg

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



0 dB = 0.266 W/kg = -5.75 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 5 10M QPSK 1RB49 20600CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL835; Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 41.692$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

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

Maximum value of SAR (measured) = 0.307 W/kg

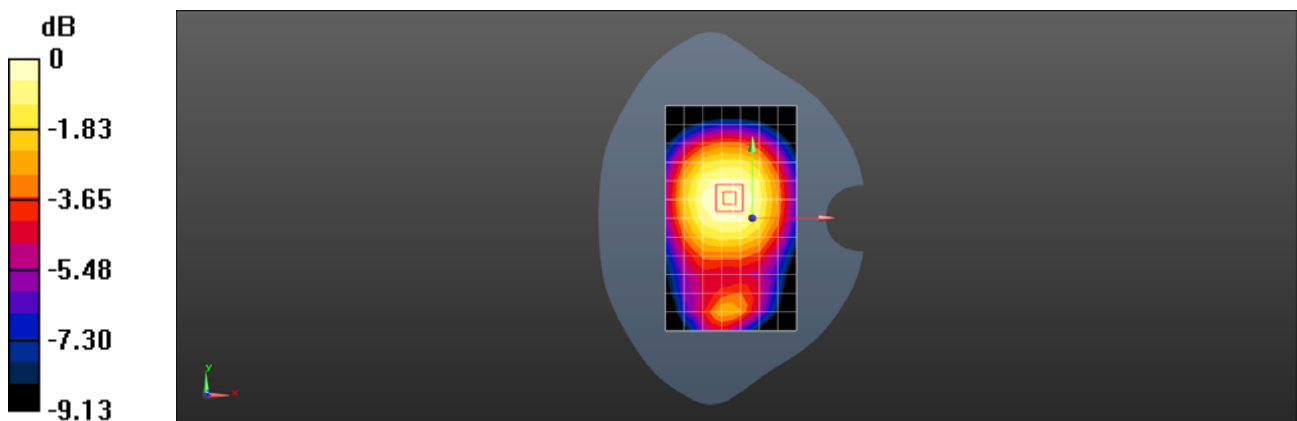
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.48 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.259 W/kg ; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.304 W/kg



Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 5 10M QPSK 1RB49 20600CH Back side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL835; Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 41.692$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.39, 10.39, 10.39); Calibrated: 2019-09-11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

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

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

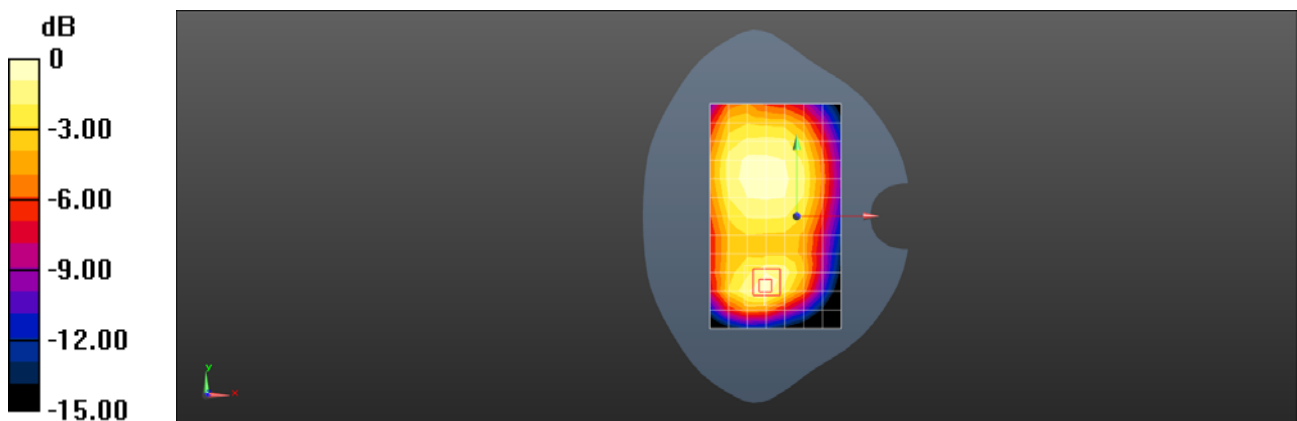
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.73 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.301 W/kg ; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.410 W/kg = -3.87 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 7 20M QPSK 1RB50 20850CH Left cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 39.037$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.155 W/kg

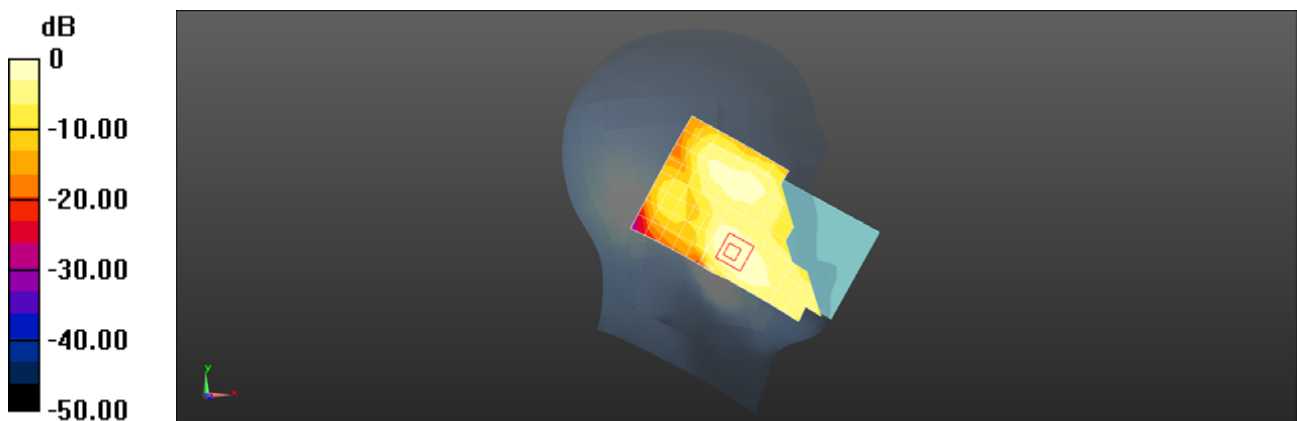
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.338 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.066 W/kg

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



0 dB = 0.167 W/kg = -7.77 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 7 20M QPSK 1RB50 20850CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 39.037$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.453 W/kg

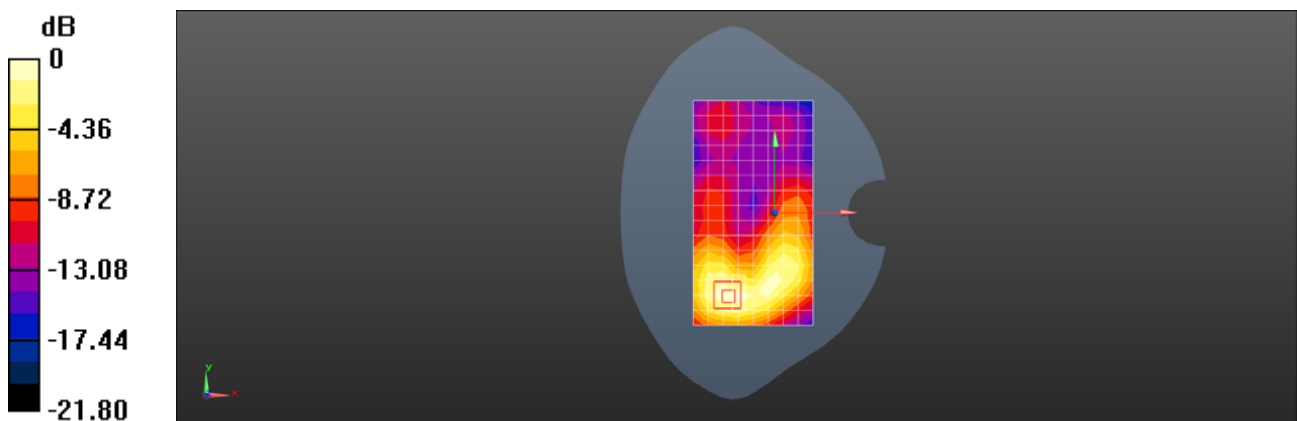
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.859 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466 W/kg = -3.32 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 7 20M QPSK 1RB50 21100CH Bottom side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

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

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 38.83$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.967 W/kg

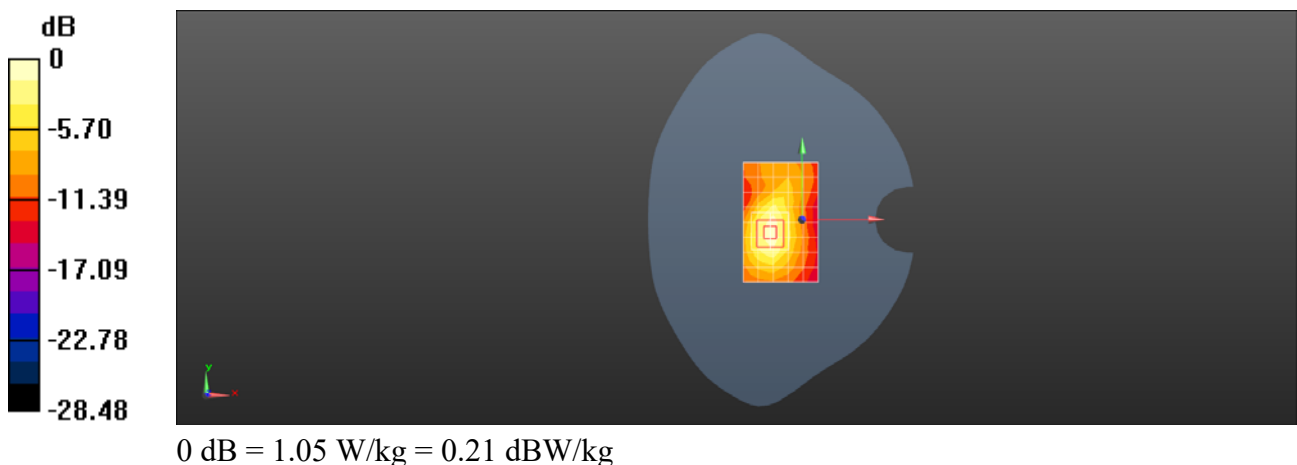
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.56 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.358 W/kg

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



Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 38 20M QPSK 1RB50 38000CH Left cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.579

Medium: HSL2600; Medium parameters used: $f = 2595$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 38.719$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.141 W/kg

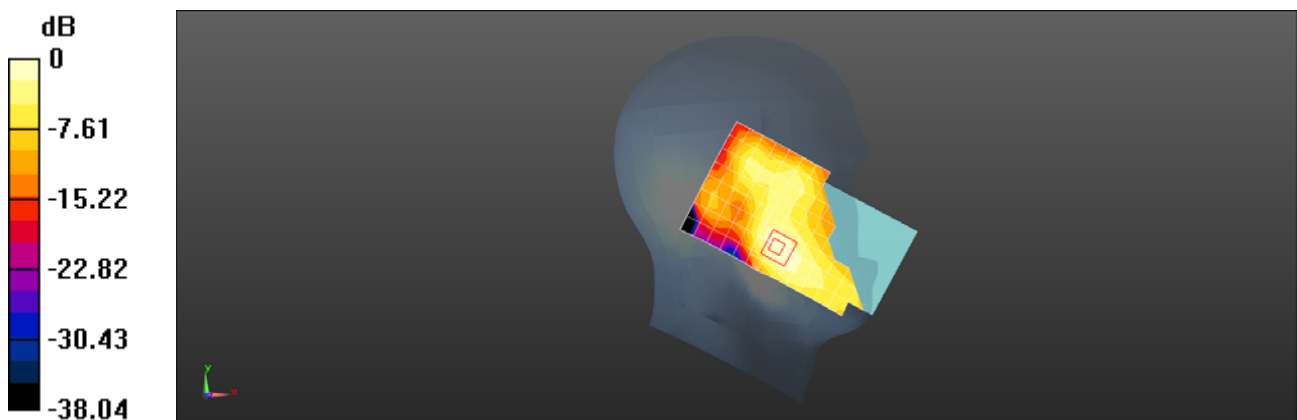
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.815 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.060 W/kg

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



0 dB = 0.159 W/kg = -7.99 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 38 20M QPSK 1RB50 38000CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.579

Medium: HSL2600; Medium parameters used: $f = 2595$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 38.719$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.244 W/kg

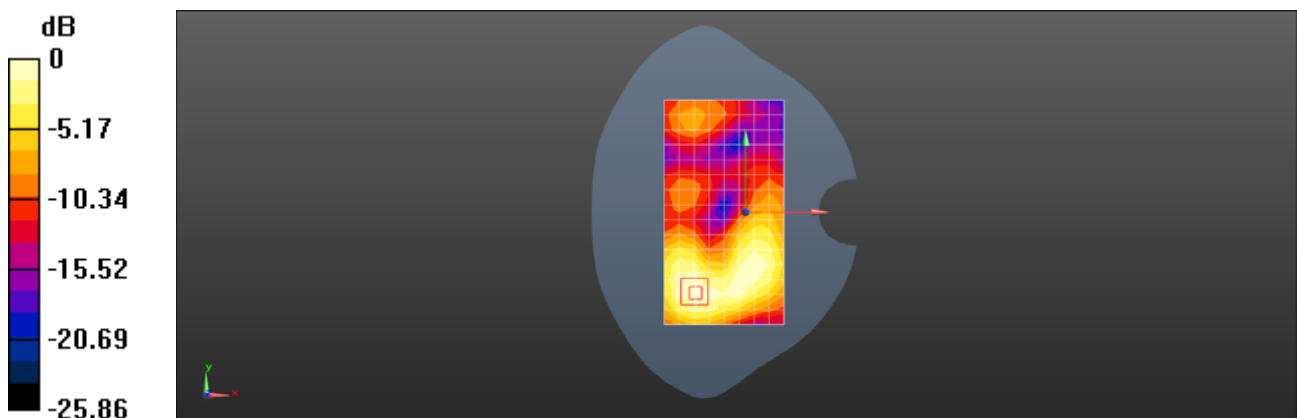
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.474 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg = -6.23 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 38 20M QPSK 1RB50 38000CH Bottom side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.579

Medium: HSL2600; Medium parameters used: $f = 2595$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 38.719$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.650 W/kg

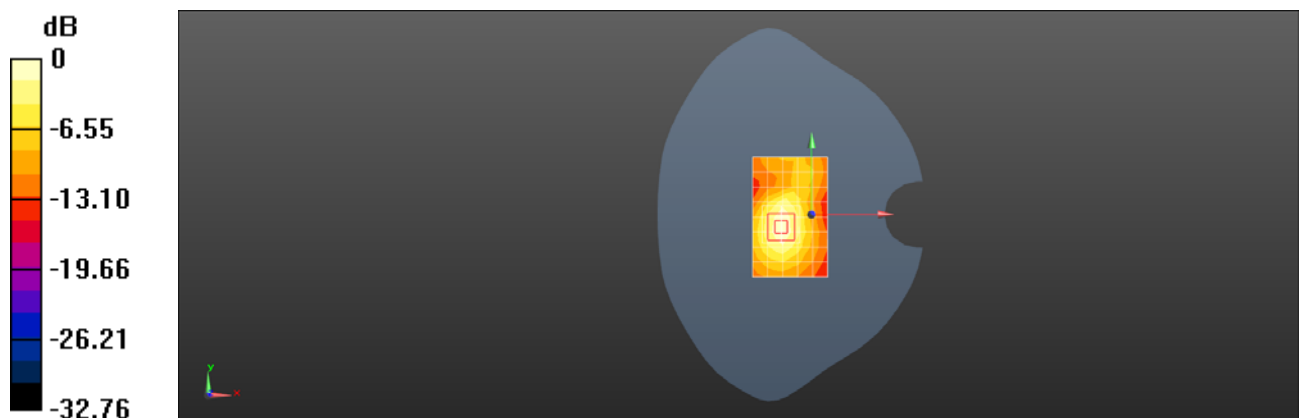
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.87 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.668 W/kg = -1.75 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 41 20M QPSK 1RB50 40620CH Left cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.579

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 38.63$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.160 W/kg

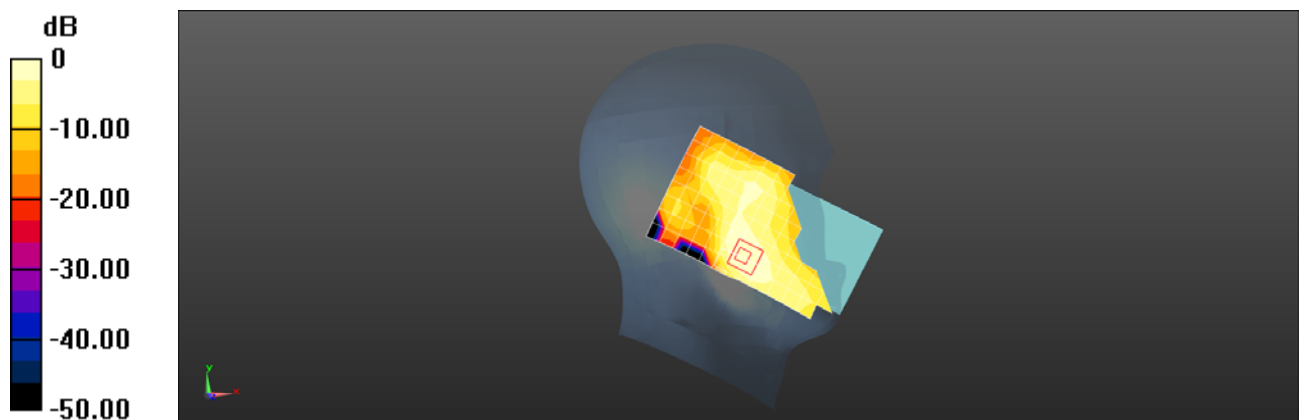
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.807 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 41 20M QPSK 1RB50 40620CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.579

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 38.63$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.281 W/kg

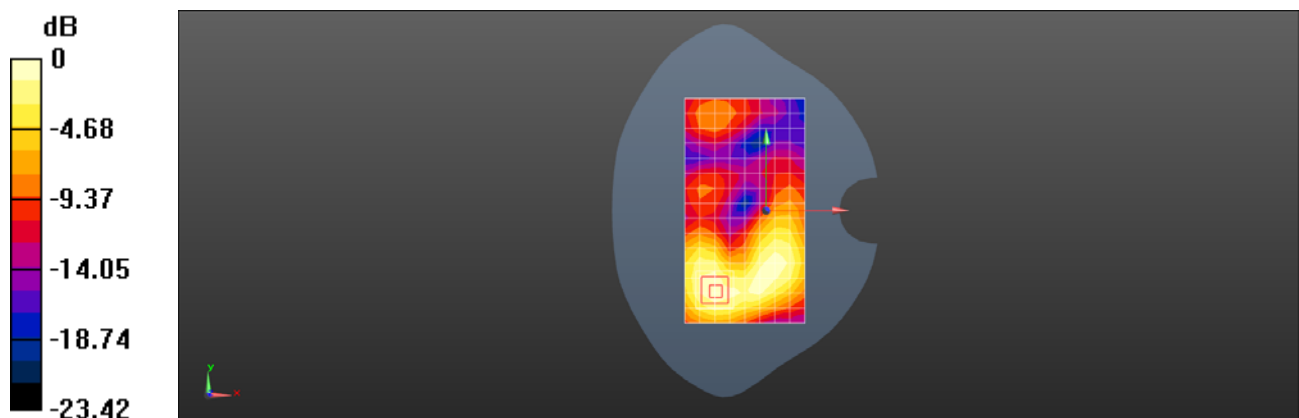
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.308 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F LTE Band 41 20M QPSK 1RB50 40620CH Bottom side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.579

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 38.63$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.660 W/kg

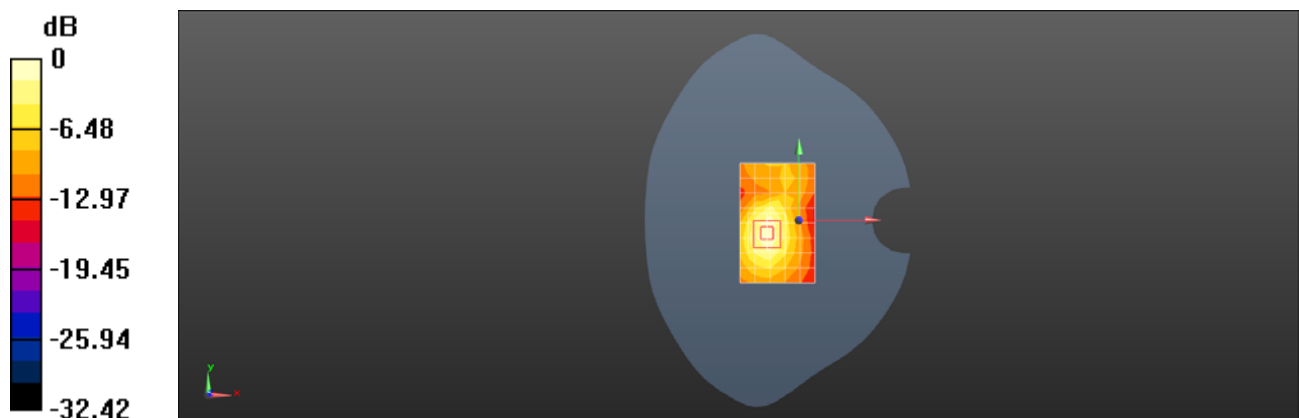
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.96 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



0 dB = 0.698 W/kg = -1.56 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F WIFI 2.4G 802.11b 11CH Left cheek

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.03

Medium: HSL2450; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 39.054$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.87, 7.87, 7.87); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.745 W/kg

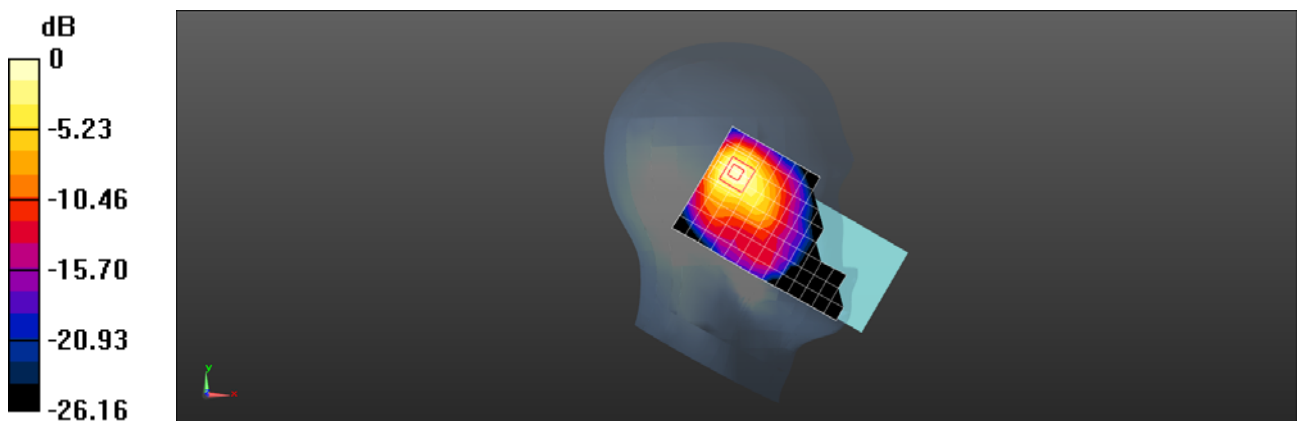
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.560 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.874 W/kg = -0.58 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F WIFI 2.4G 802.11b 11CH Back side 15mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.03

Medium: HSL2450; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 39.054$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.87, 7.87, 7.87); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- 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) = 0.130 W/kg

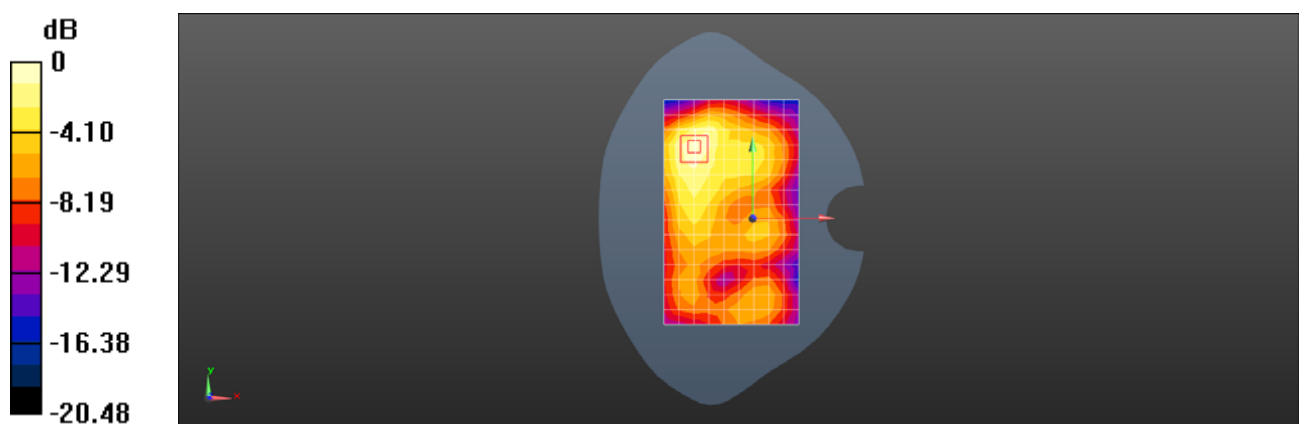
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.037 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.138 W/kg



0 dB = 0.138 W/kg = -8.60 dBW/kg

Test Laboratory: SGS-SAR Lab

SM-M115F WIFI 2.4G 802.11b 11CH Back side 10mm

DUT: SM-M115F; Type: Mobile phone; Serial: R9PN109TW5J

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.03

Medium: HSL2450; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 39.054$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.87, 7.87, 7.87); Calibrated: 2019-10-22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 2; Type: SAM; Serial: 1913
- 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) = 0.211 W/kg

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

Reference Value = 4.177 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.079 W/kg

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

