



Appendix B

Detailed Test Results

1. GSM
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WIFI 2.4GHz for Head& Body



Test Laboratory: LCS-SAR Lab

GSM850 GSM 251CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial: A11063015-1

Communication System: UID 0, GSM Only Communication System (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 42.031$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.152 W/kg

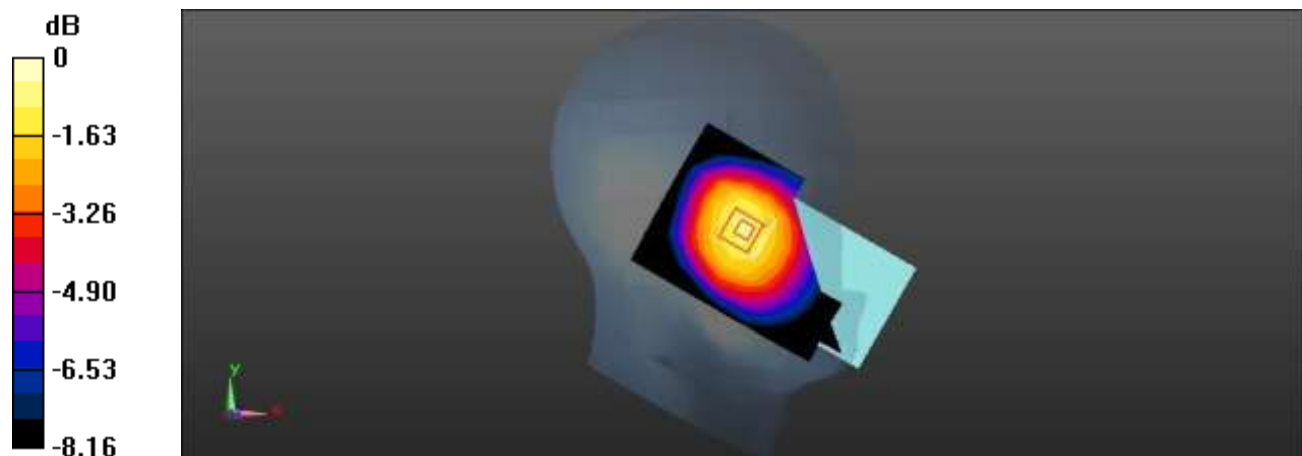
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.762 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.154 W/kg ; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -7.57 dBW/kg



Test Laboratory: LCS-SAR Lab

GSM850 GPRS 2TS 251CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

Communication System: UID 0, GPRS Mode(2up) Communication System (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 42.031$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.304 W/kg

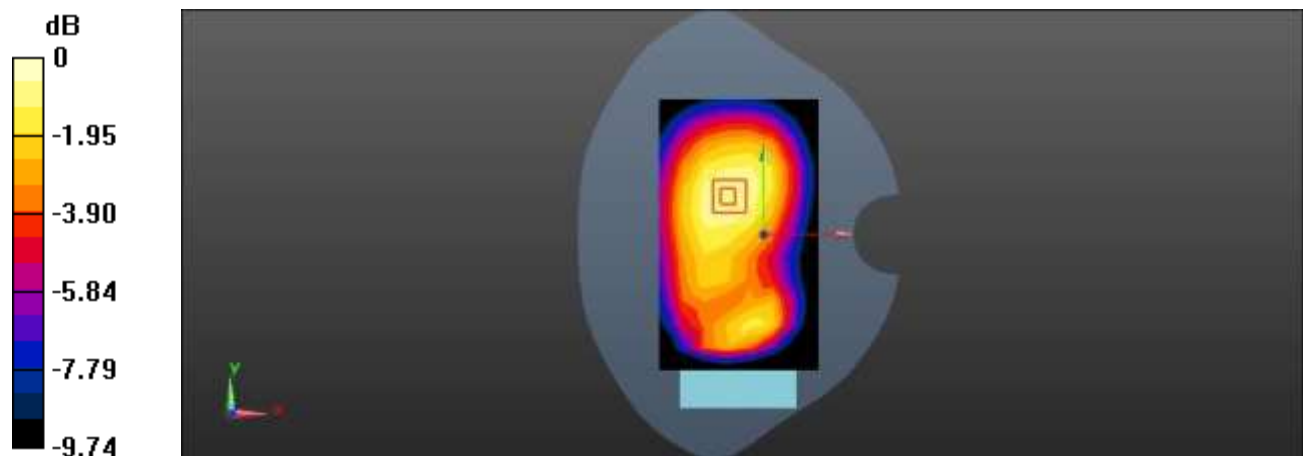
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.06 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.252 W/kg ; SAR(10 g) = 0.184 W/kg

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



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



Test Laboratory: LCS-SAR Lab

GSM1900 GSM 810CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 41.128$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.110 W/kg

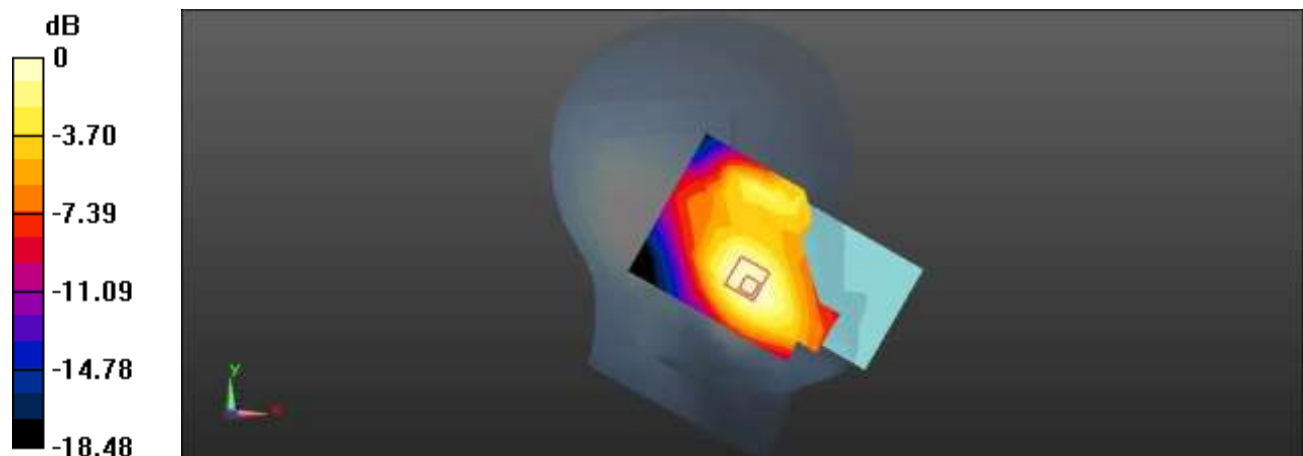
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.625 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.115 W/kg



0 dB = 0.115 W/kg = -9.39 dBW/kg



Test Laboratory: LCS-SAR Lab

GSM1900 GPRS 3TS 661CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.418 \text{ S/m}$; $\epsilon_r = 41.237$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.368 W/kg

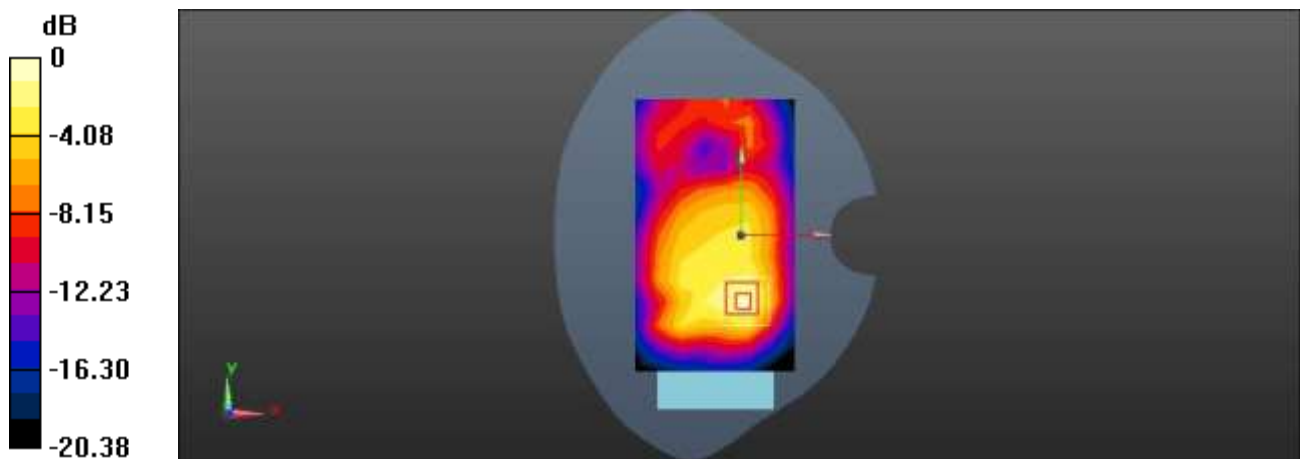
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.712 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.275 W/kg ; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg



Test Laboratory: LCS-SAR Lab

WCDMA Band II RMC 9538CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

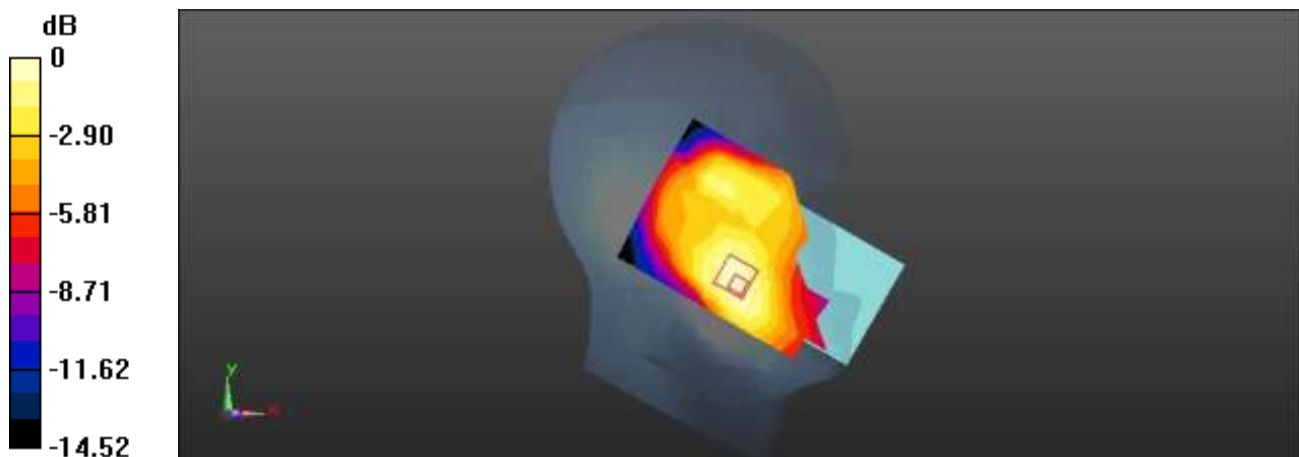
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.445 \text{ S/m}$; $\epsilon_r = 41.136$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.0723 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 = 3.004 V/m ; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0975 W/kg
SAR(1 g) = 0.059 W/kg ; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.0785 W/kg



0 dB = 0.0785 W/kg = -11.05 dBW/kg



Test Laboratory: LCS-SAR Lab

WCDMA Band II RMC 9538CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

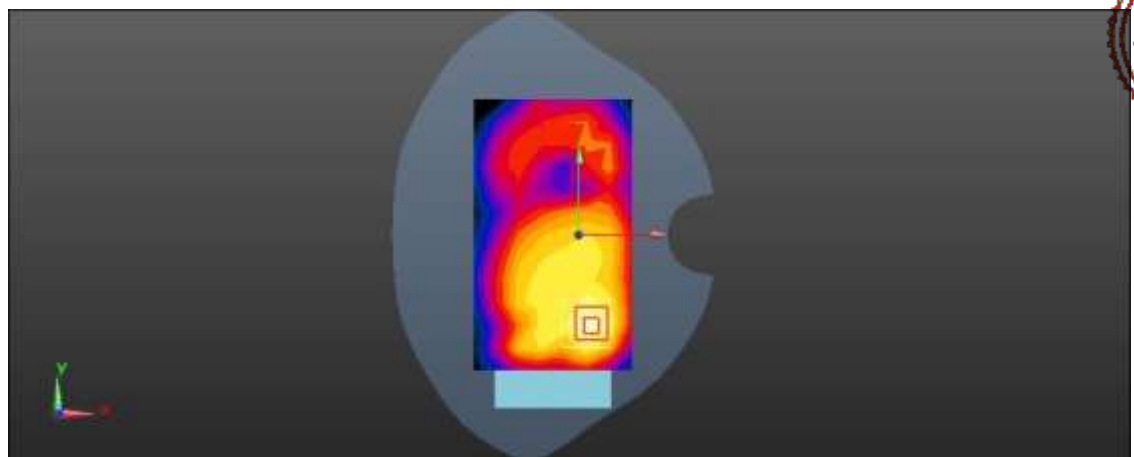
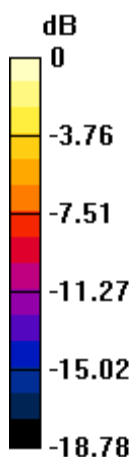
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.445 \text{ S/m}$; $\epsilon_r = 41.136$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.315 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 = 7.906 V/m ; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.227 W/kg ; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg



Test Laboratory: LCS-SAR Lab

WCDMA Band V RMC 4132CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

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

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.412$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.323 W/kg

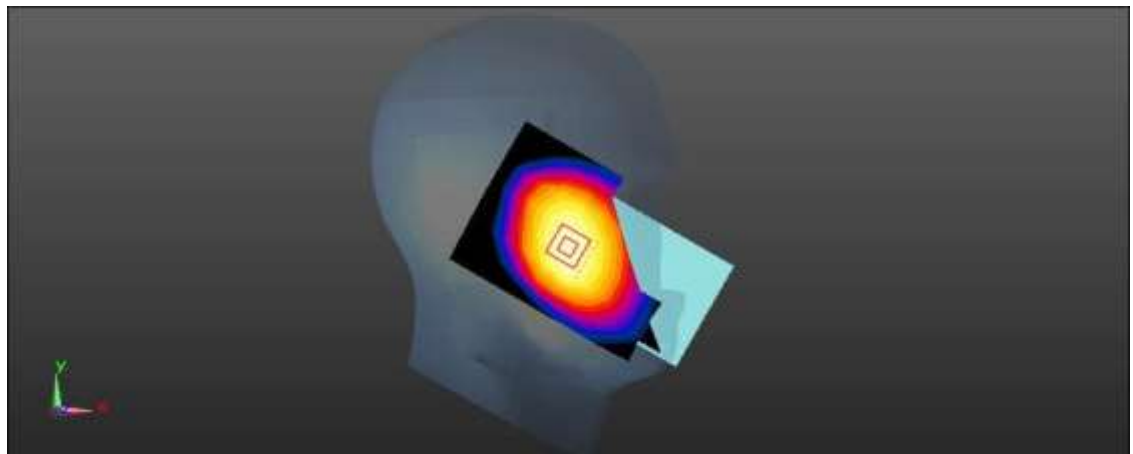
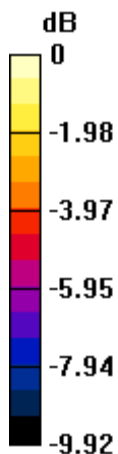
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.186 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg



Test Laboratory: LCS-SAR Lab

WCDMA Band V RMC 4132CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

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

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.412$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.251 W/kg

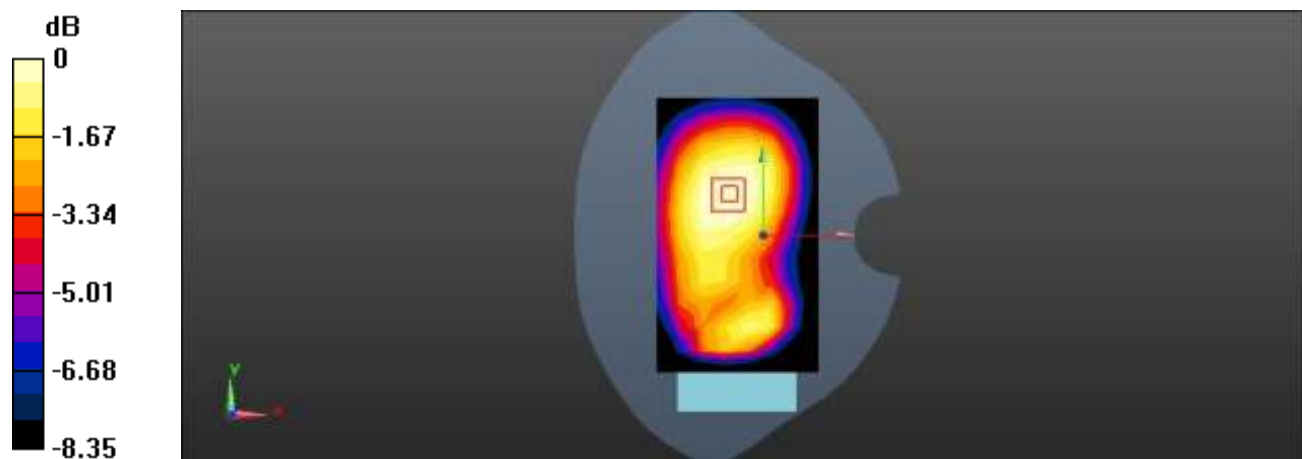
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.06 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 2 20M QPSK 1RB99 18700CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial:

A11063016-1

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.396 \text{ S/m}$; $\epsilon_r = 41.325$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.103 W/kg

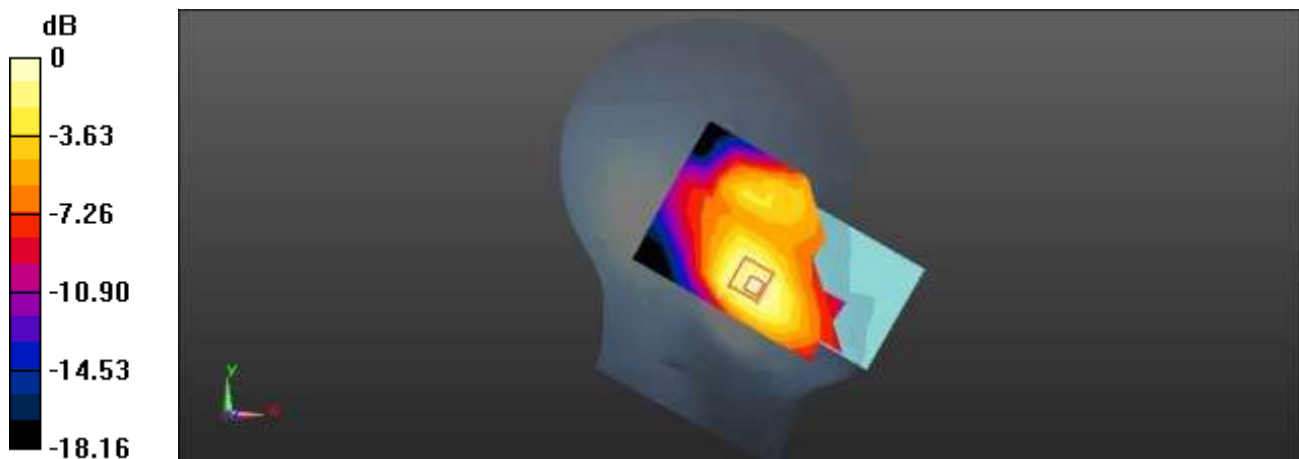
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.765 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.087 W/kg ; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 2 20M QPSK 1RB99 18700CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

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

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 41.325$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.05, 8.05, 8.05); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.357 W/kg

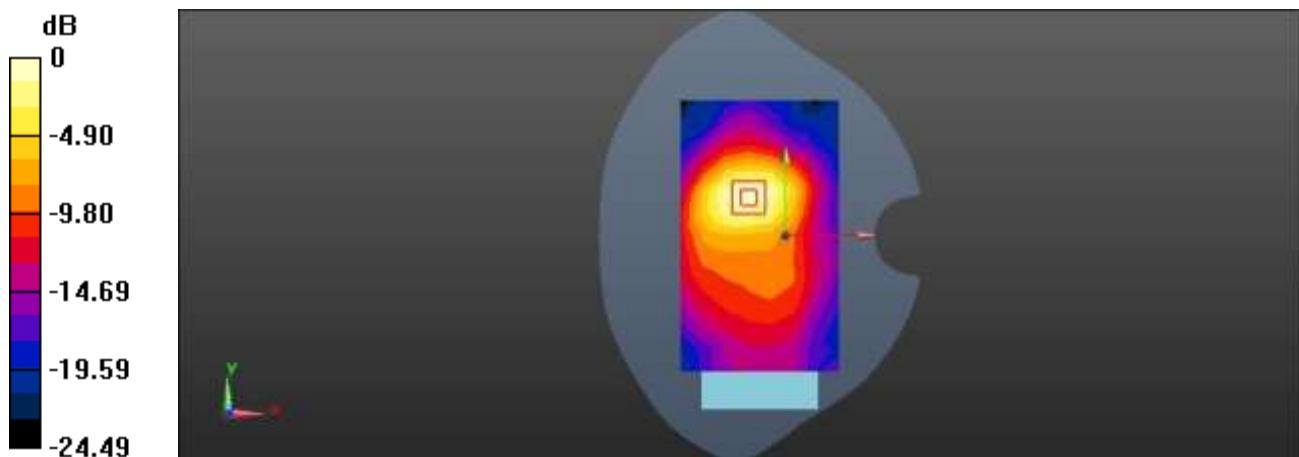
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.71 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 4 20M QPSK 1RB0 20050CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial:

A11063016-1

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.353 \text{ S/m}$; $\epsilon_r = 40.953$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.35, 8.35, 8.35); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.0906 W/kg

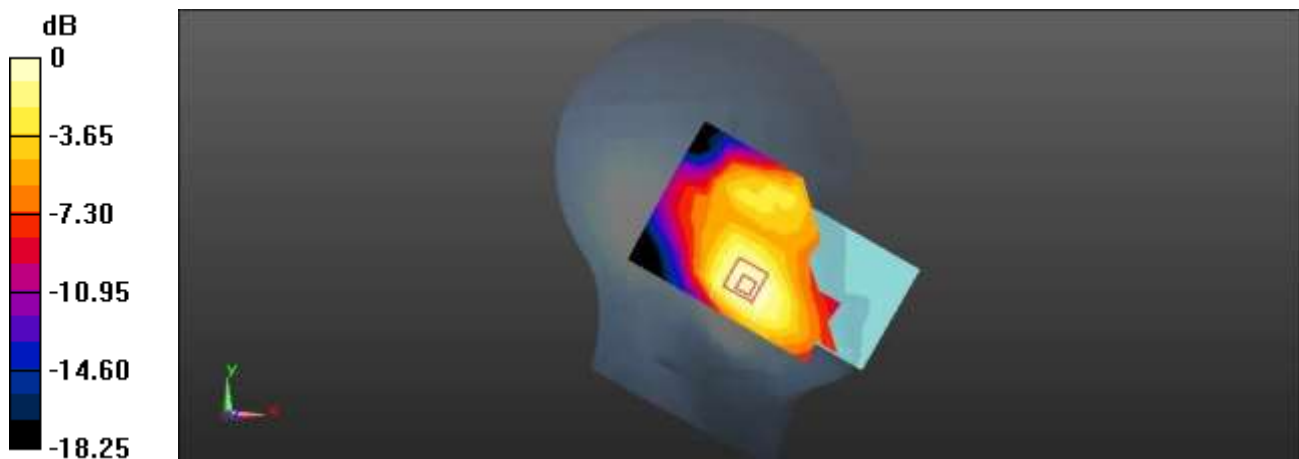
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.761 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.075 W/kg ; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0996 W/kg



$0 \text{ dB} = 0.0996 \text{ W/kg} = -10.02 \text{ dBW/kg}$



Test Laboratory: LCS-SAR Lab

LTE Band 4 20M QPSK 1RB0 20050CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-

1

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.353 \text{ S/m}$; $\epsilon_r = 40.953$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.35, 8.35, 8.35); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.215 W/kg

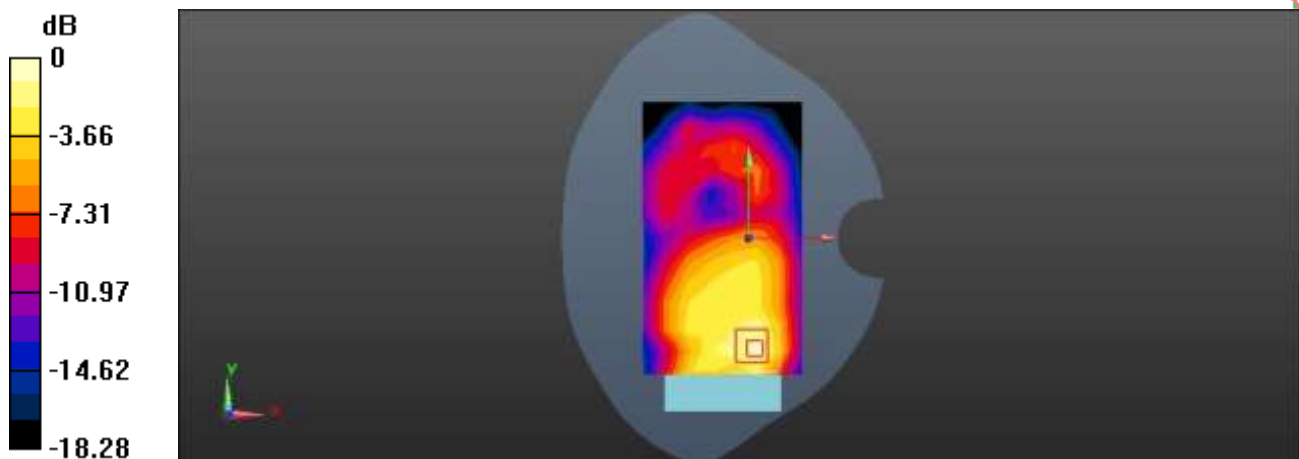
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.402 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg



Test Laboratory: LCS-SAR Lab

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

DUT: FLAT 1C; Type: Smart phone; Serial:

A11063016-1

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 844 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 41.998$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.128 W/kg

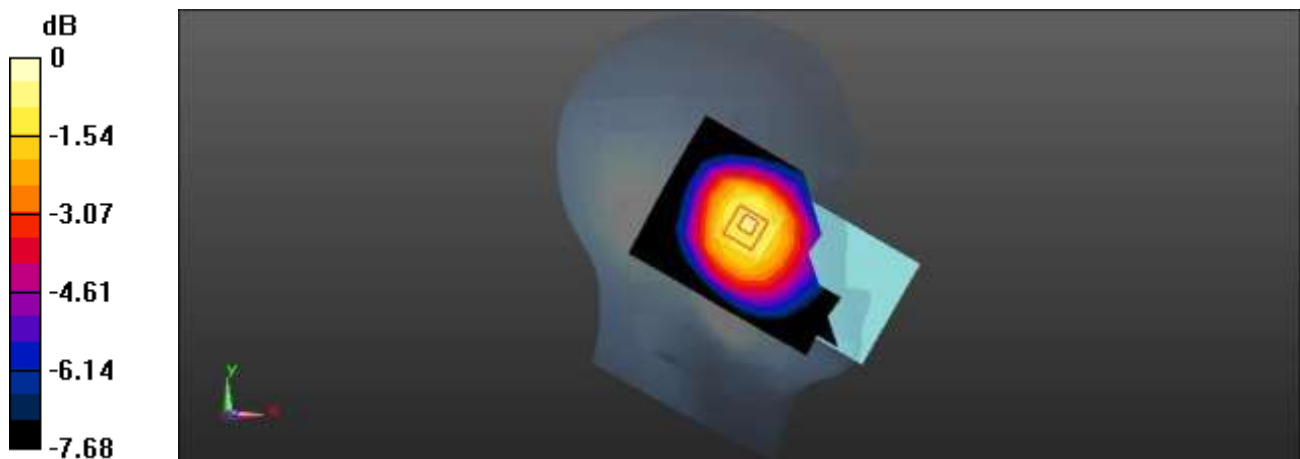
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.034 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.127 W/kg ; SAR(10 g) = 0.089 W/kg

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



0 dB = 0.143 W/kg = -8.45 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 5 10M QPSK 1RB49 20600CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

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

Medium parameters used: $f = 844 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 41.998$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.62, 9.62, 9.62); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.191 W/kg

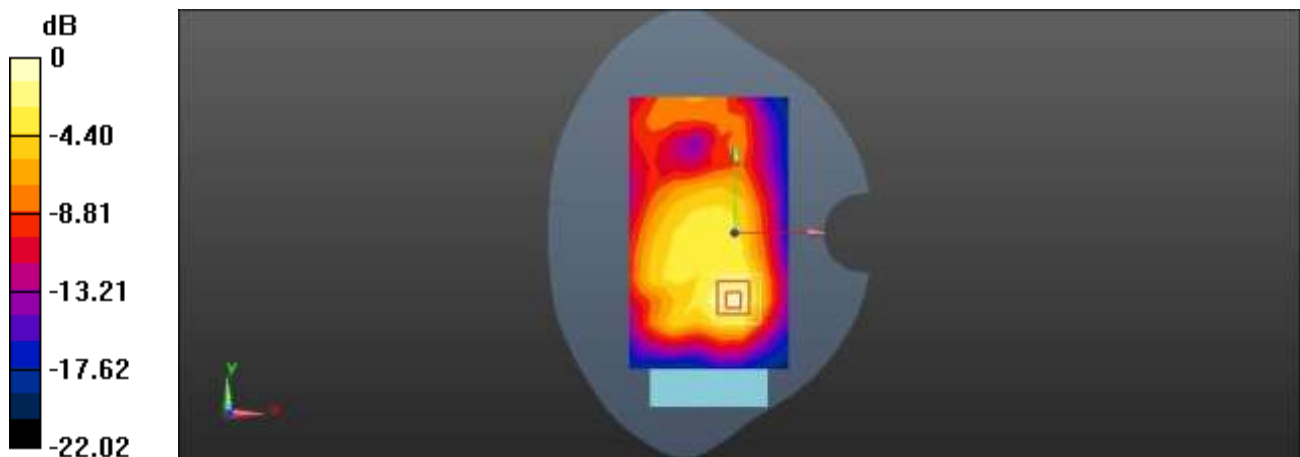
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.284 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.159 W/kg ; SAR(10 g) = 0.081 W/kg

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



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



Test Laboratory: LCS-SAR Lab

LTE Band 7 20M QPSK 1RB0 20850CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial:

A11063016-1

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 2510 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2510$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 39.013$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.161 W/kg

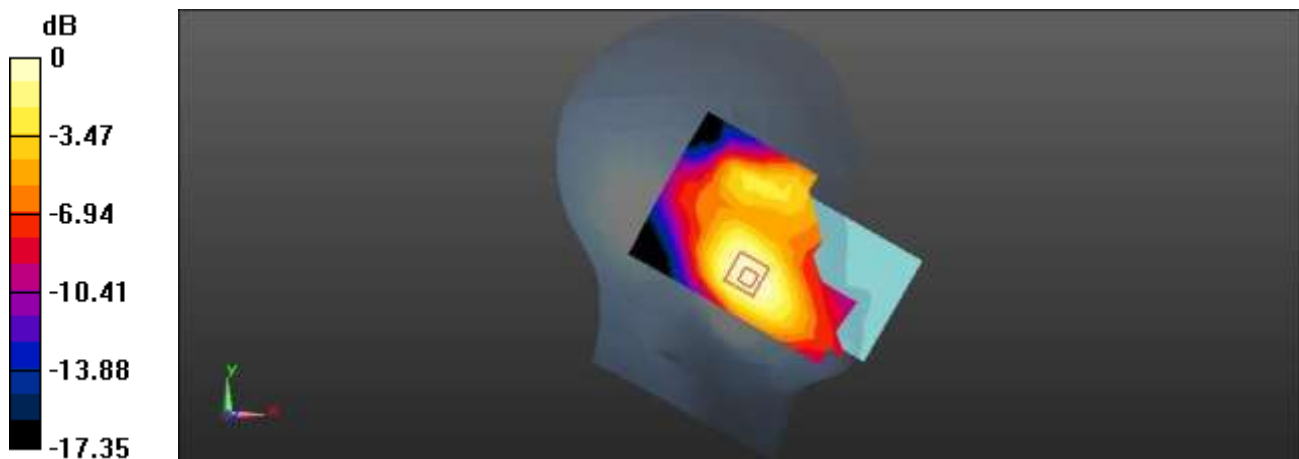
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.672 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 7 20M QPSK 1RB0 20850CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-

1

Communication System: UID 0, LTE-FDD BW 20MHZ (0); Frequency: 2510 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2510$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 39.013$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.817 W/kg

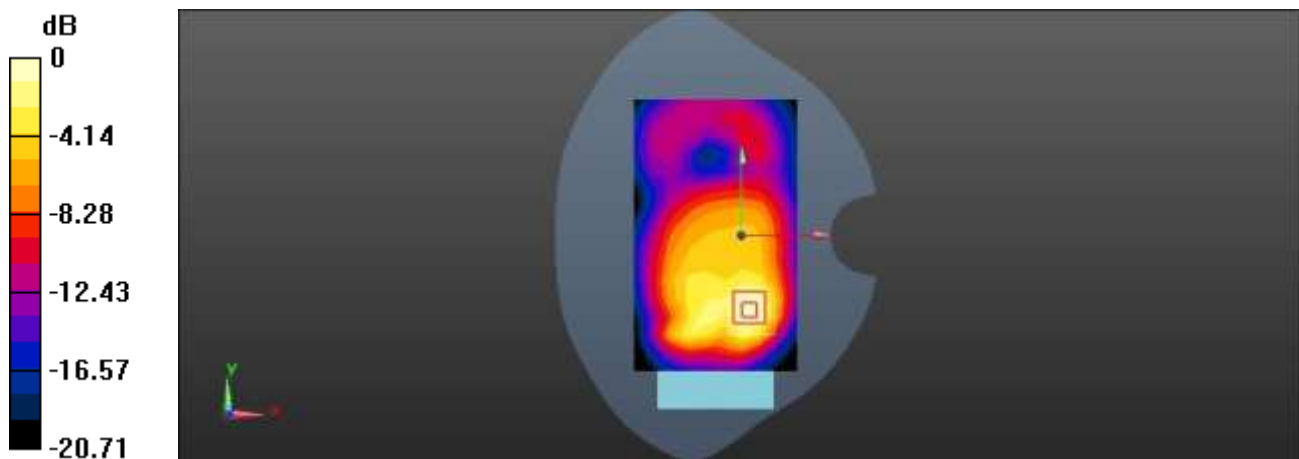
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.83 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 dBW/kg



Test Laboratory: LCS-SAR Lab

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

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

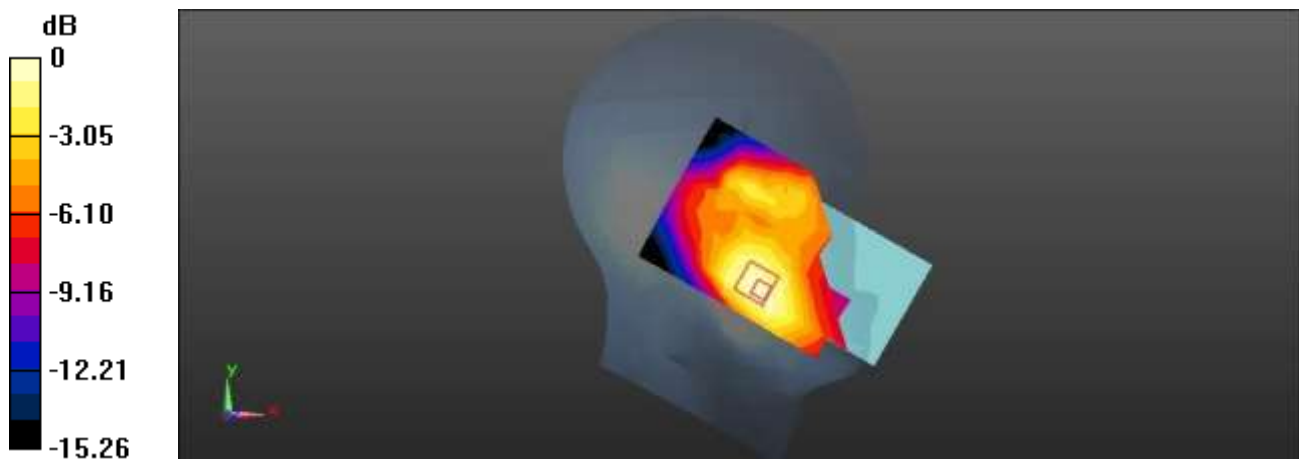
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.853 \text{ S/m}$; $\epsilon_r = 43.008$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(10.02, 10.02, 10.02); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.0454 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 = 3.092 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0486 W/kg



0 dB = 0.0486 W/kg = -13.13 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 12 10M QPSK 1RB49 23130CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

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

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.853 \text{ S/m}$; $\epsilon_r = 43.008$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(10.02, 10.02, 10.02); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.179 W/kg

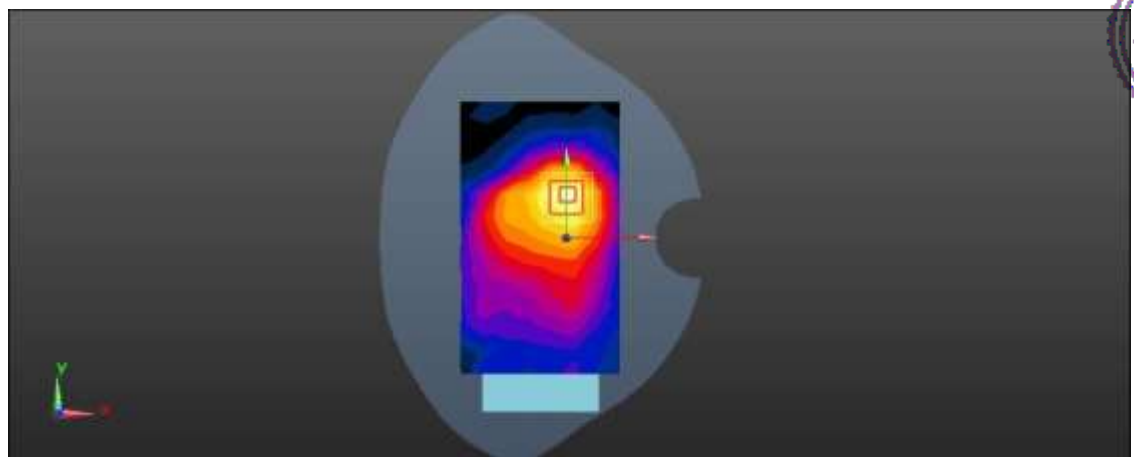
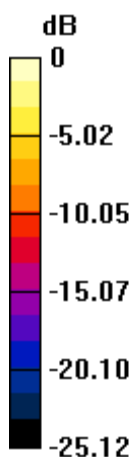
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.083 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.124 W/kg ; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.186 W/kg = -7.30 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 13 10M QPSK 1RB49 23230CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

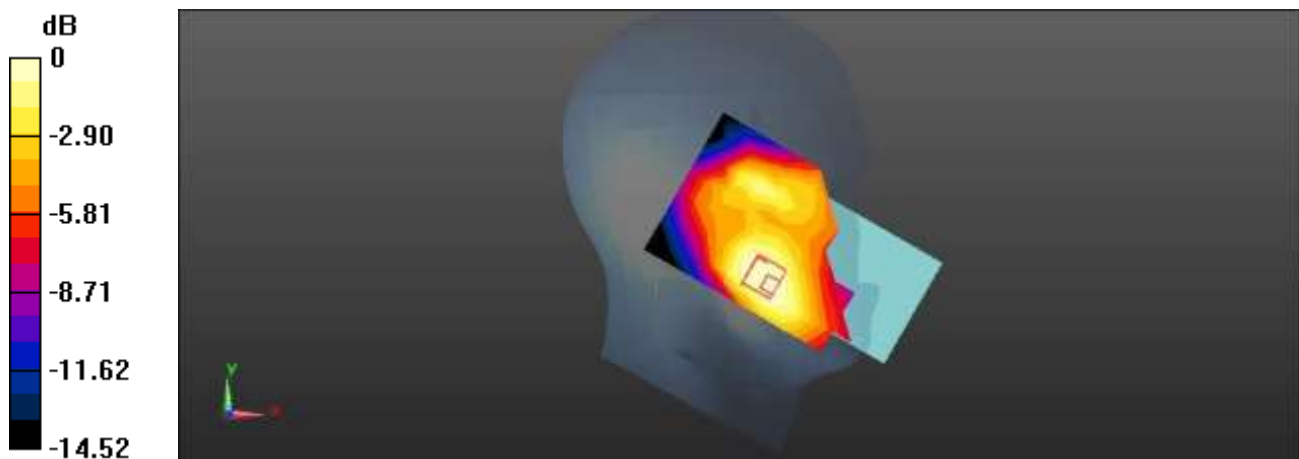
Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.862 \text{ S/m}$; $\epsilon_r = 42.756$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(10.02, 10.02, 10.02); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.0452 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 = 3.548 V/m ; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0590 W/kg
SAR(1 g) = 0.036 W/kg ; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0476 W/kg



0 dB = 0.0476 W/kg = -13.22 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 13 10M QPSK 1RB49 23230CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.862 \text{ S/m}$; $\epsilon_r = 42.756$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(10.02, 10.02, 10.02); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.161 W/kg

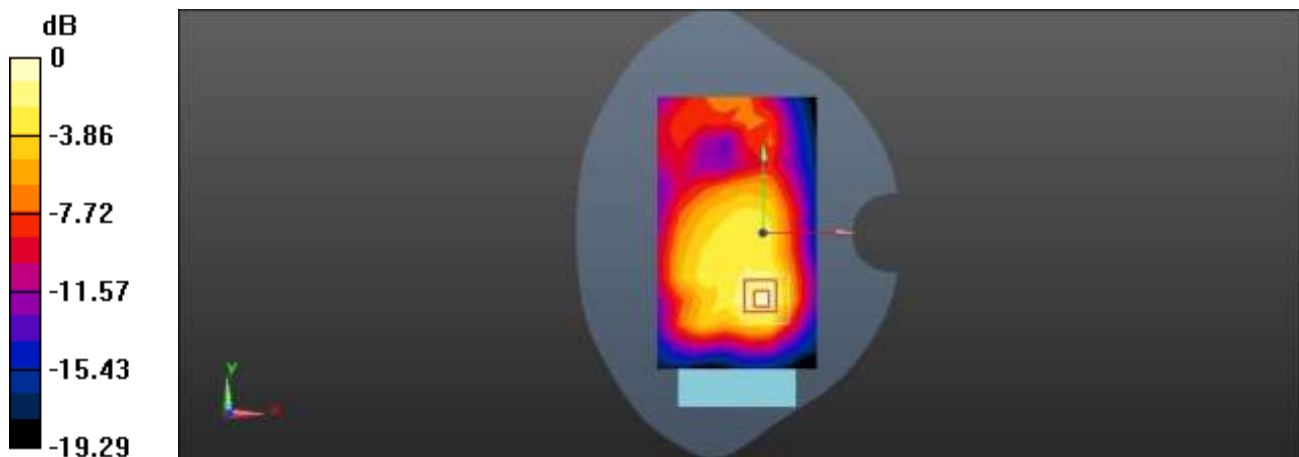
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.045 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.121 W/kg ; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



$0 \text{ dB} = 0.185 \text{ W/kg} = -7.33 \text{ dBW/kg}$



Test Laboratory: LCS-SAR Lab

LTE Band 17 10M QPSK 1RB0 23800CH Left cheek

DUT: FLAT 1C; Type: Smart phone; Serial:

A11063016-1

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.853 \text{ S/m}$; $\epsilon_r = 43.008$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(10.02, 10.02, 10.02); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.0412 W/kg

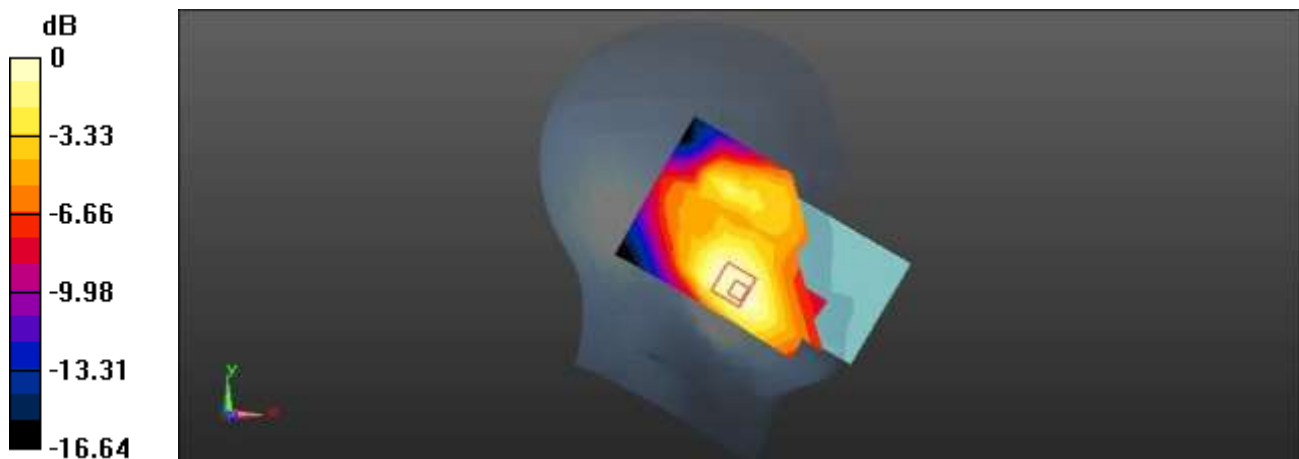
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.602 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0520 W/kg

SAR(1 g) = 0.030 W/kg ; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0438 W/kg



0 dB = 0.0438 W/kg = -13.59 dBW/kg



Test Laboratory: LCS-SAR Lab

LTE Band 17 10M QPSK 1RB0 23800CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

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

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.853 \text{ S/m}$; $\epsilon_r = 43.008$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(10.02, 10.02, 10.02); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 0.160 W/kg

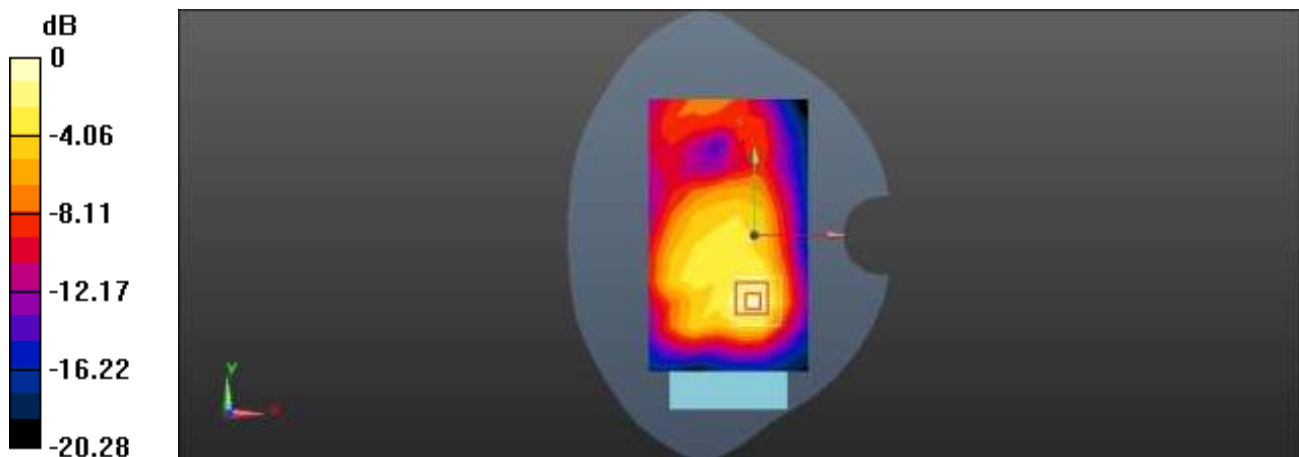
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.186 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.124 W/kg ; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg



Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11g 11CH Right cheek

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.021

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.832 \text{ S/m}$; $\epsilon_r = 39.078$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

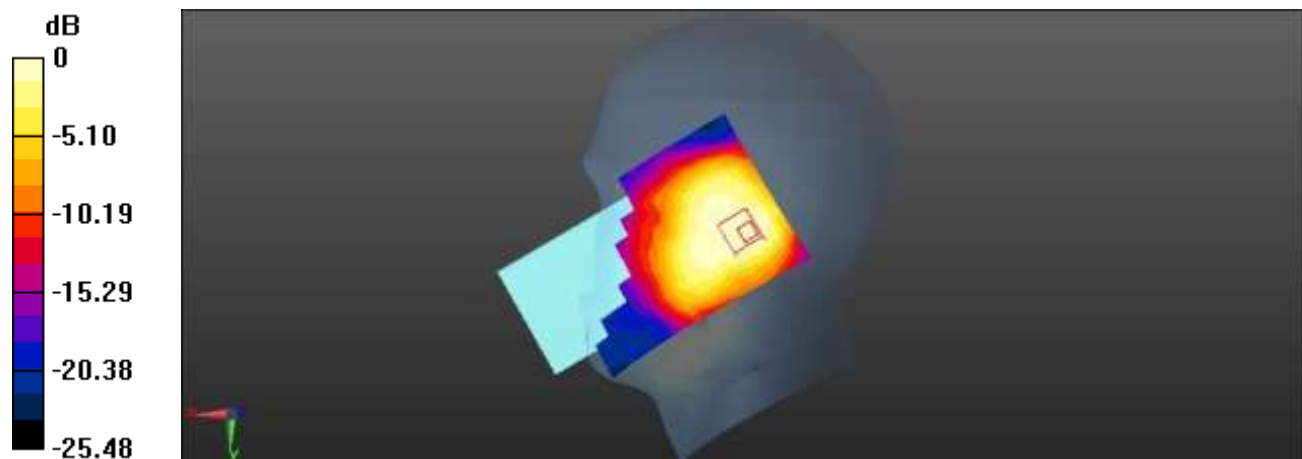
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.640 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.219 W/kg ; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.324 W/kg



$0 \text{ dB} = 0.324 \text{ W/kg} = -4.89 \text{ dBW/kg}$



Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11g 11CH Rear side 10mm

DUT: FLAT 1C; Type: Smart phone; Serial: A11063016-1

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.021

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.832 \text{ S/m}$; $\epsilon_r = 39.078$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.204 W/kg

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

Reference Value = 4.026 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.141 W/kg ; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.216 W/kg

