



Appendix B

Detailed Test Results

1. WCDMA
WCDMA Band II for Head & Body
WCDMA Band IV for Head & Body
WCDMA Band V for Head & Body
2. LTE
LTE Band 2 for Head & Body
LTE Band 4 for Head & Body
LTE Band 5 for Head & Body
LTE Band 12 for Head & Body
LTE Band 14 for Head & Body
LTE Band 30 for Head & Body
LTE Band 66 for Head & Body
3. WIFI
WIFI 2.4G for Head & Body
WIFI 5G for Head & Body
4. BT
BT for Head & Body

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band II 9400CH Right cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1950; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.0985 W/kg

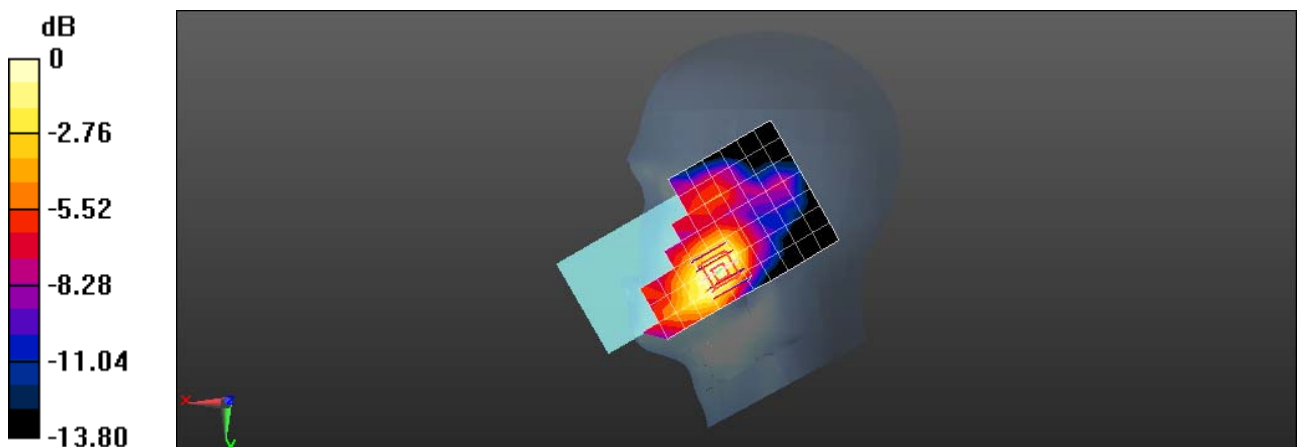
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.615 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band II 9400CH Front side 15mm

DUT: EC1002; Type: Smart phone; Serial: ZONB02420C010380

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

Medium: HSL1750; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.499 W/kg

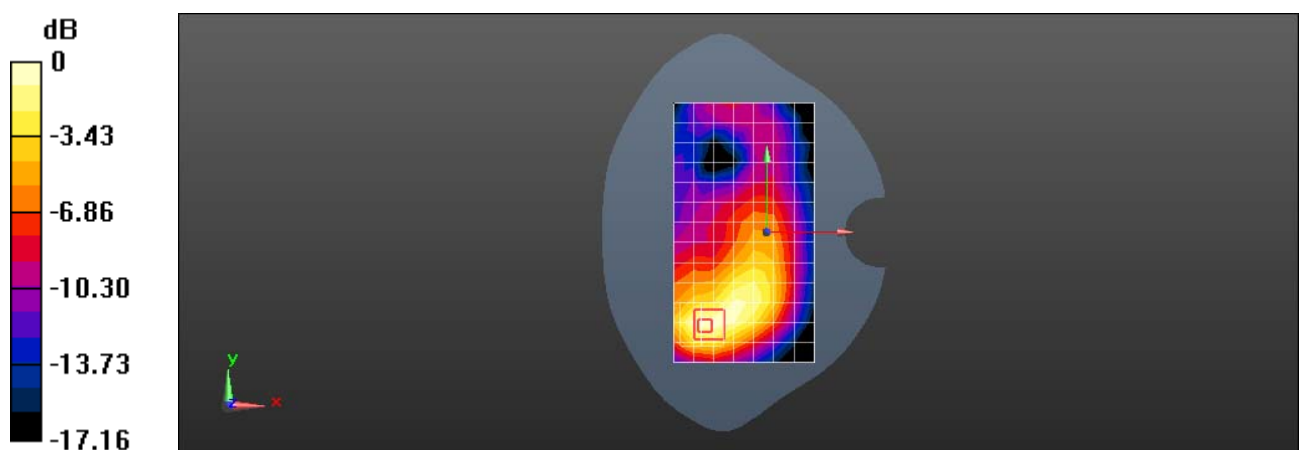
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.870 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.525 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band II 9262CH Bottom side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1950; Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.352$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.56 W/kg

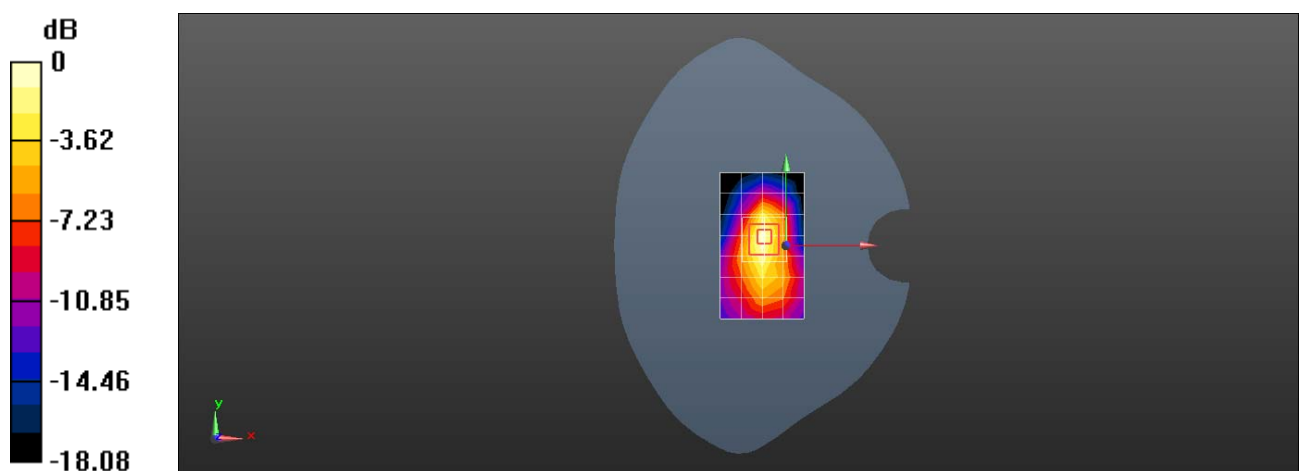
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.09 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.635 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band II 9262CH Bottom side 0mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1950; Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.352$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 8.02 W/kg

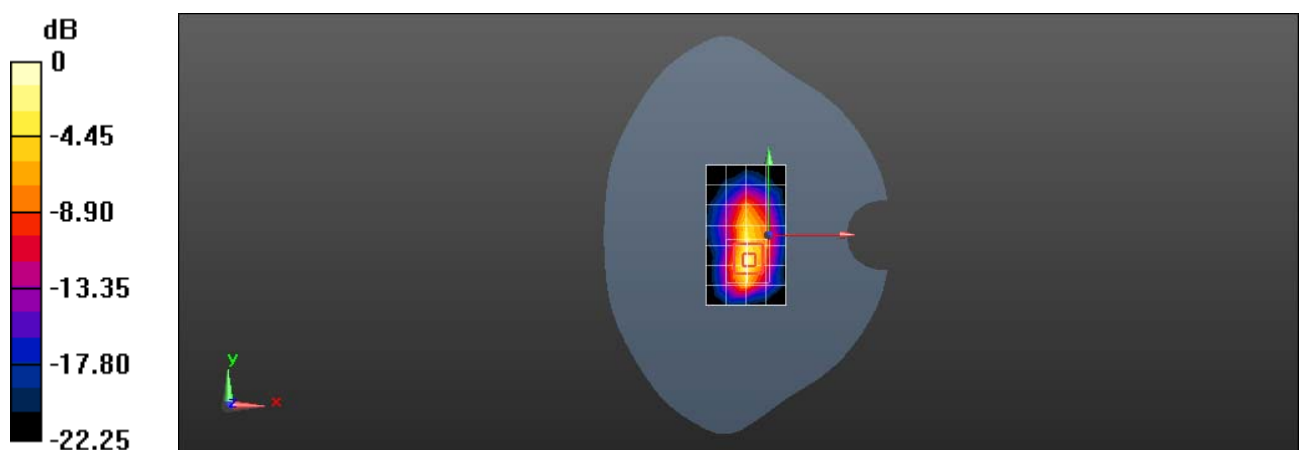
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 52.71 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 6.35 W/kg; SAR(10 g) = 2.51 W/kg

Maximum value of SAR (measured) = 9.98 W/kg



0 dB = 9.98 W/kg = 9.99 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band IV 1412CH Right cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.349 W/kg

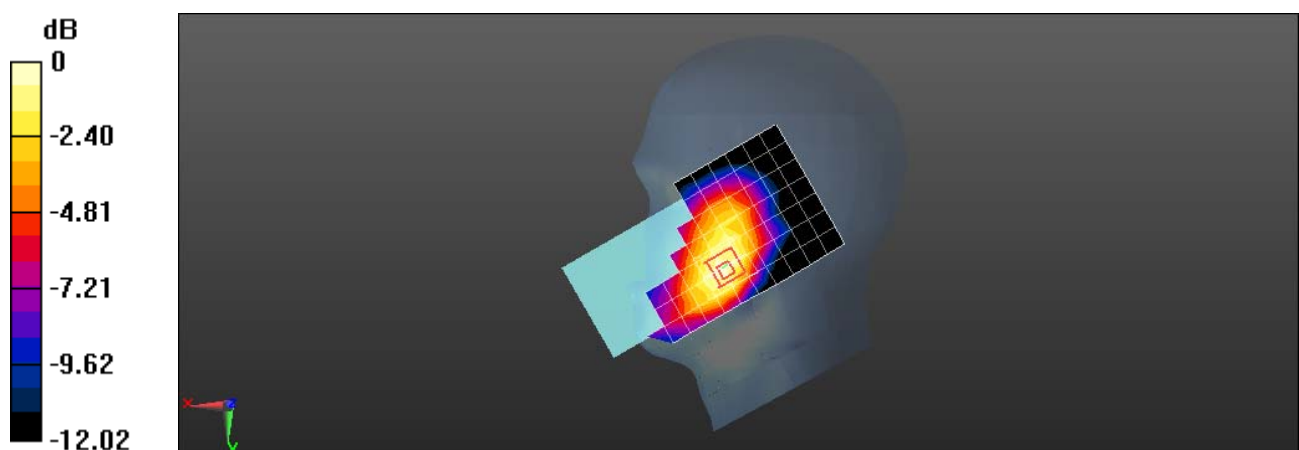
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.022 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.333 W/kg = -4.78 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band IV 1412CH Front side 15mm

DUT: EC1002; Type: Smart phone; Serial: ZONB02420C010380

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

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 39.629$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.504 W/kg

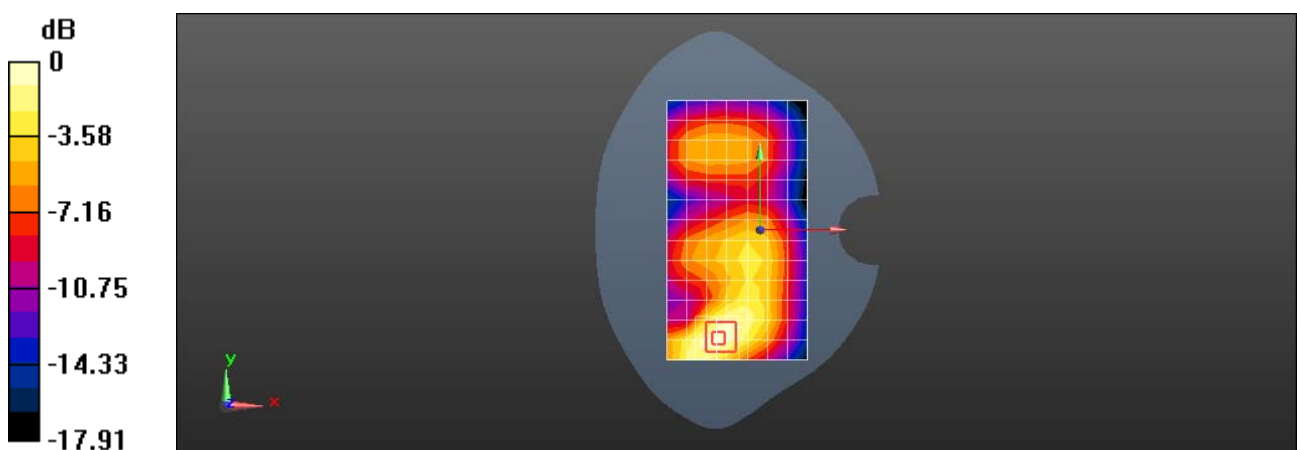
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.29 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.762 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band IV 1513CH Bottom side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.565$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 1.38 W/kg

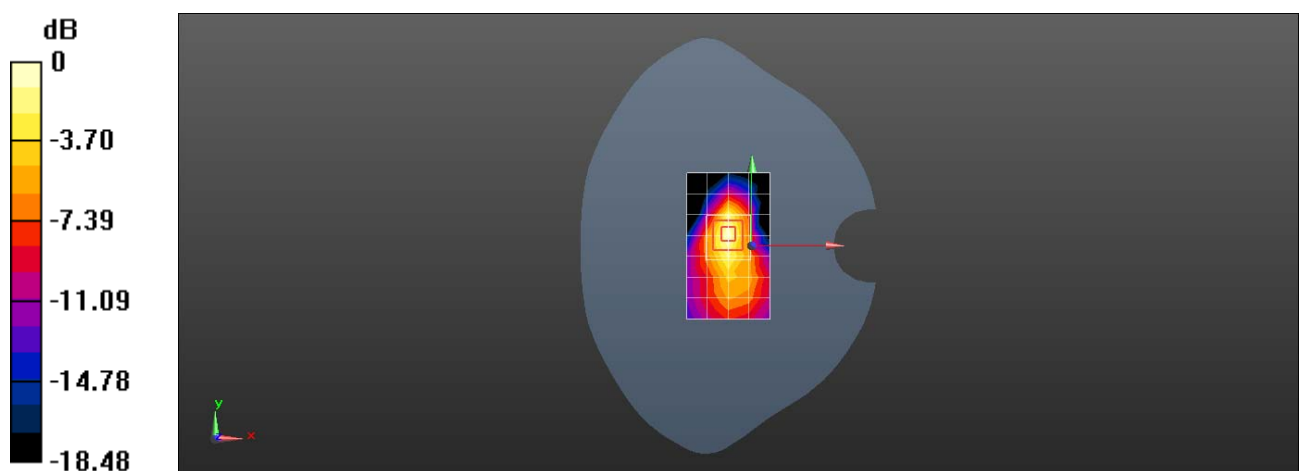
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.83 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.542 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band IV 1513CH Bottom side 0mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

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

Medium: HSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.565$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 8.05 W/kg

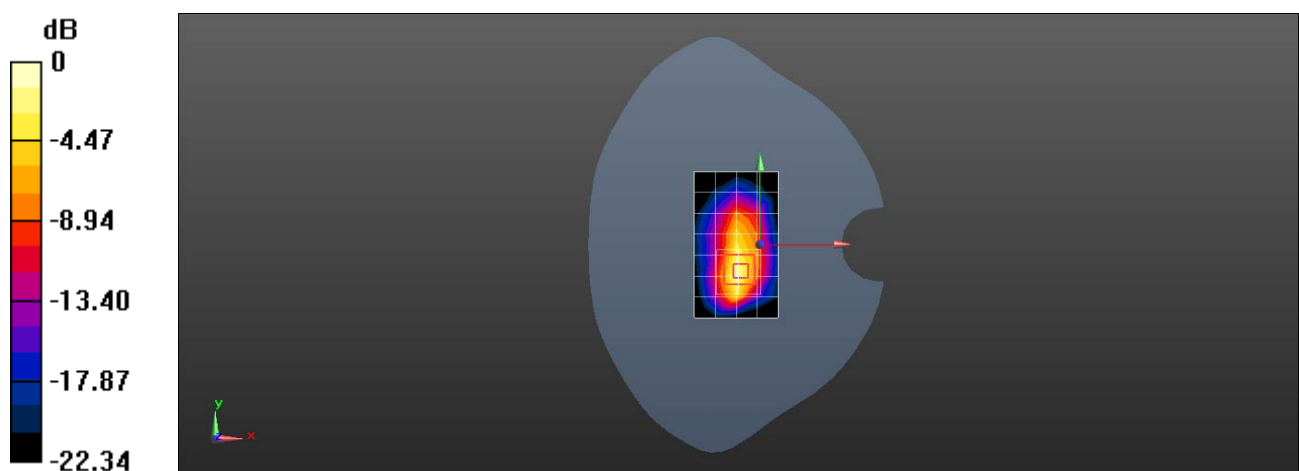
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.87 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 6.62 W/kg; SAR(10 g) = 2.69 W/kg

Maximum value of SAR (measured) = 9.87 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band V 4182CH Left cheek

DUT: EC1002; Type: WCDMA/LTE Mobile Phone; Serial: 358621720011783

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 43.343$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.240 W/kg

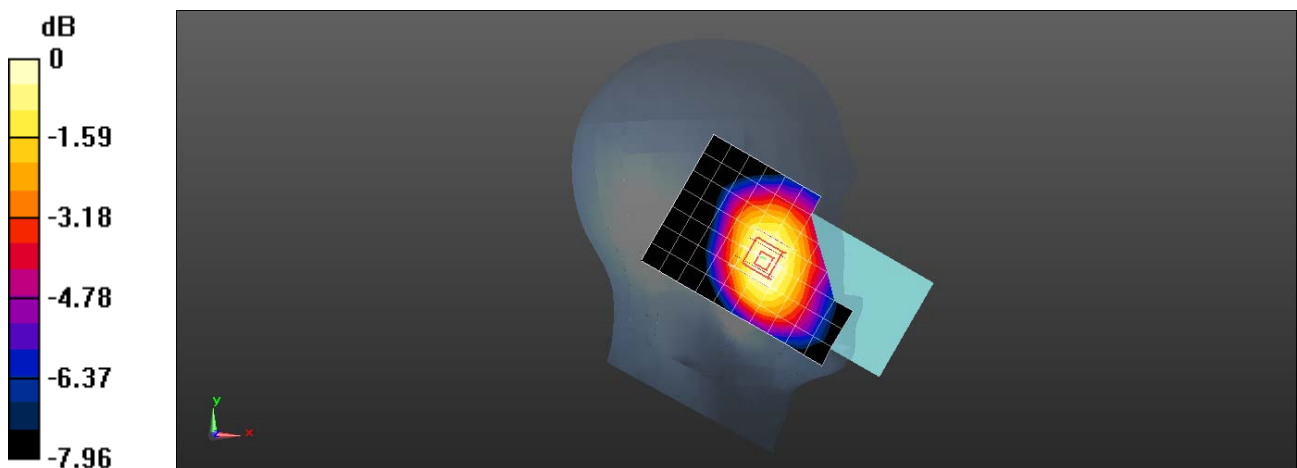
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.025 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band V 4182CH Back side 15mm

DUT: EC1002; Type: WCDMA/LTE Mobile Phone; Serial: 358621720011783

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 43.343$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.211 W/kg

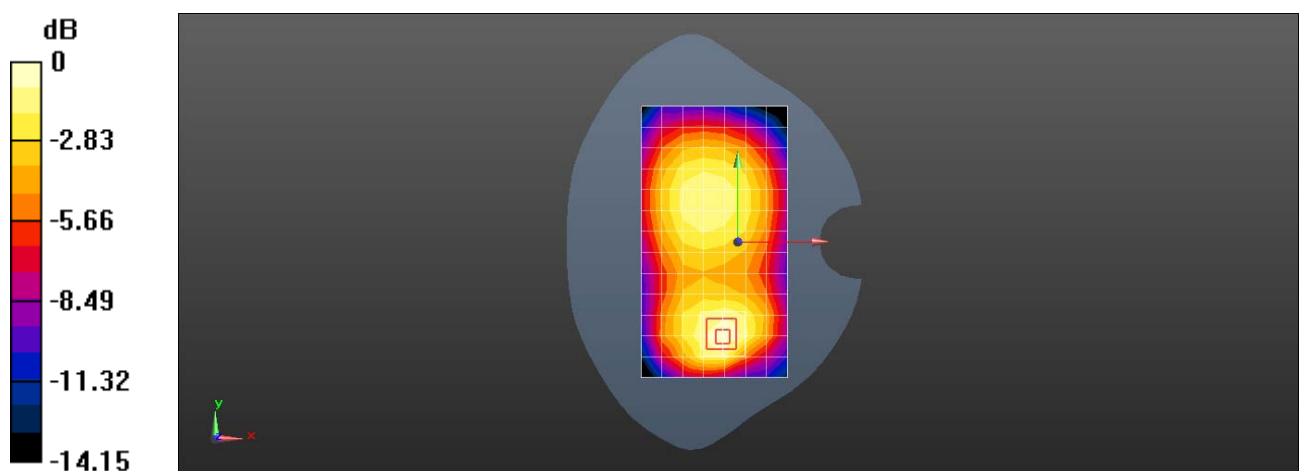
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.03 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 WCDMA Band V 4182CH Back side 10mm

DUT: EC1002; Type: WCDMA/LTE Mobile Phone; Serial: 358621720011783

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

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 43.343$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.236 W/kg

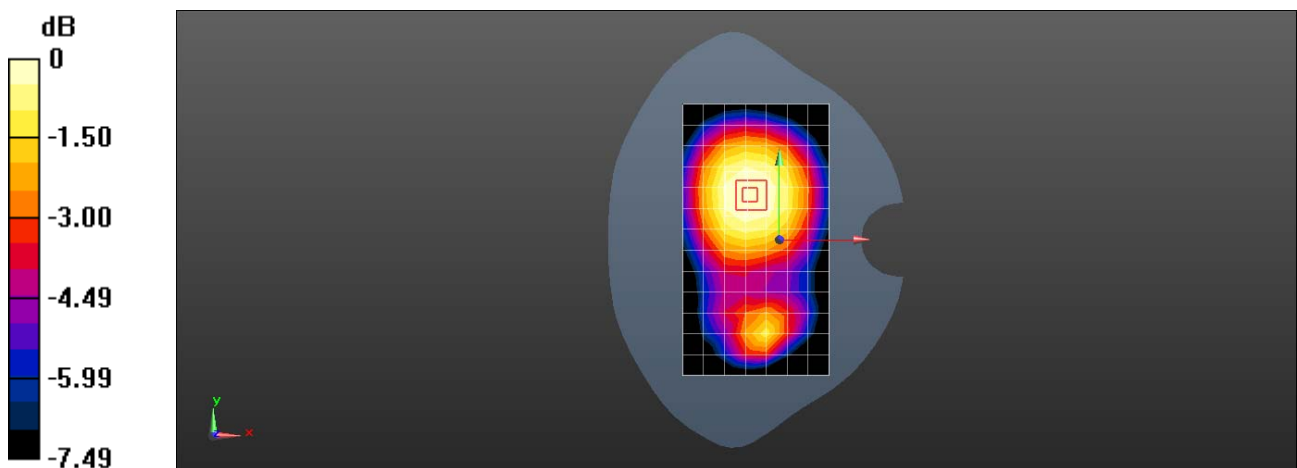
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.25 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.229 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 2 20M QPSK 1RB50 18900CH Right cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, LTE Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1950; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.0914 W/kg

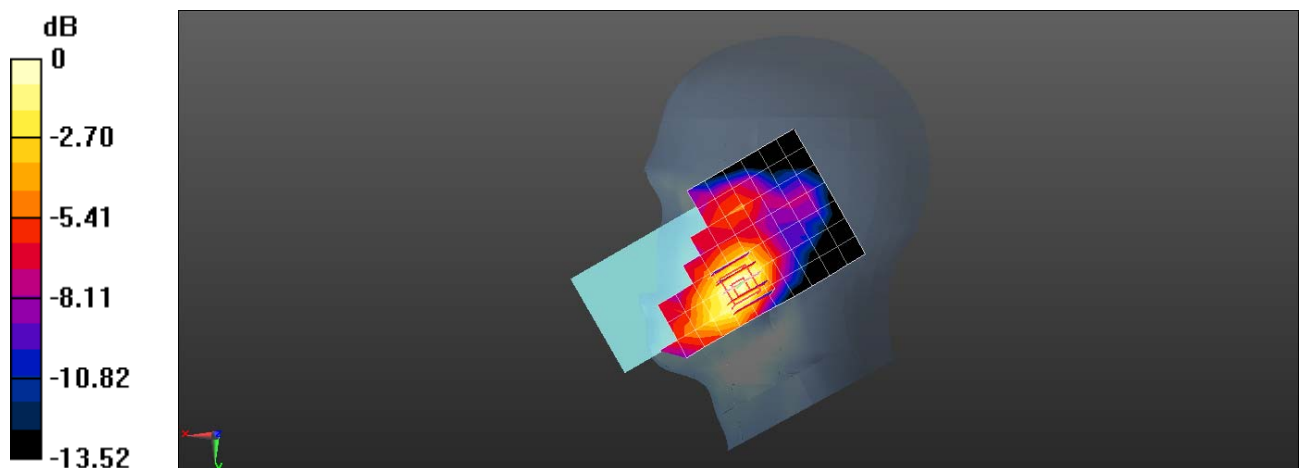
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.502 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.0914 W/kg



0 dB = 0.0914 W/kg = -10.39 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 2 20M QPSK 1RB50 18900CH Front side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1950; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.404 W/kg

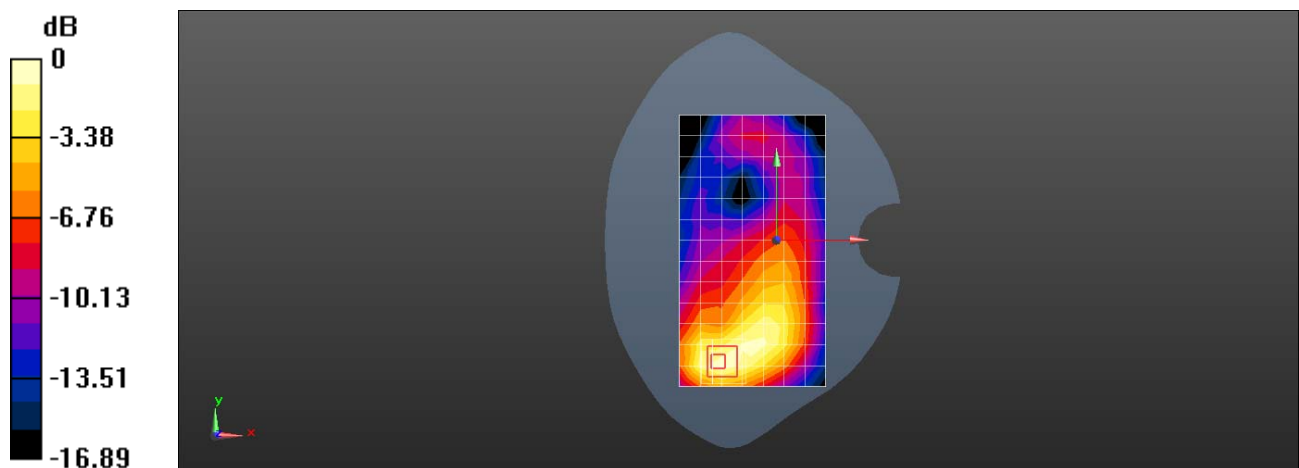
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.116 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 2 20M QPSK 1RB50 18700CH Bottom side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1950; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 40.364$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.985 W/kg

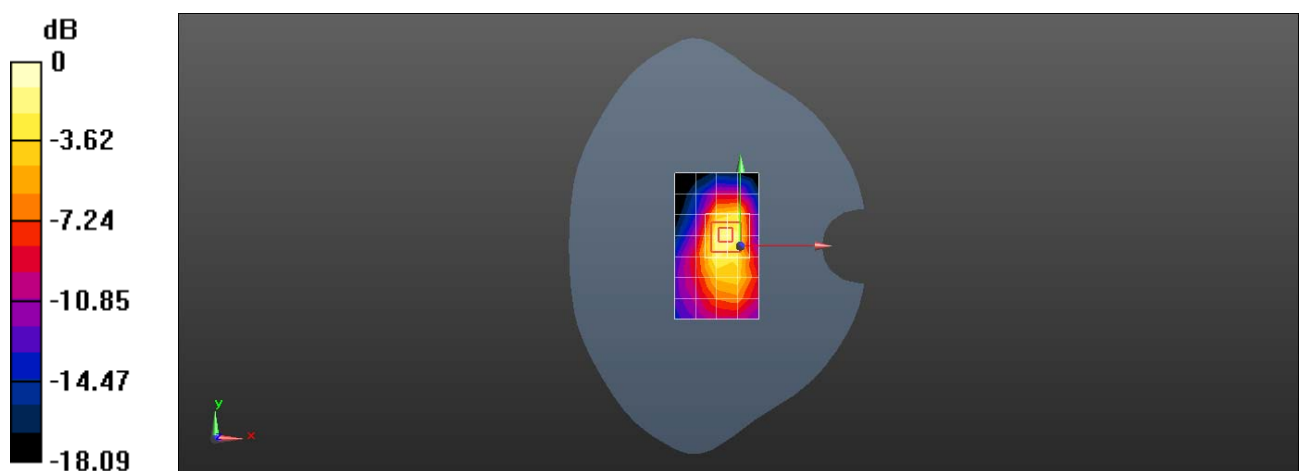
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.54 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.551 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

EC1002 LTE Band 2 20M QPSK 1RB50 18700CH Bottom side 0mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1950; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 40.364$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.61, 7.61, 7.61); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 6.83 W/kg

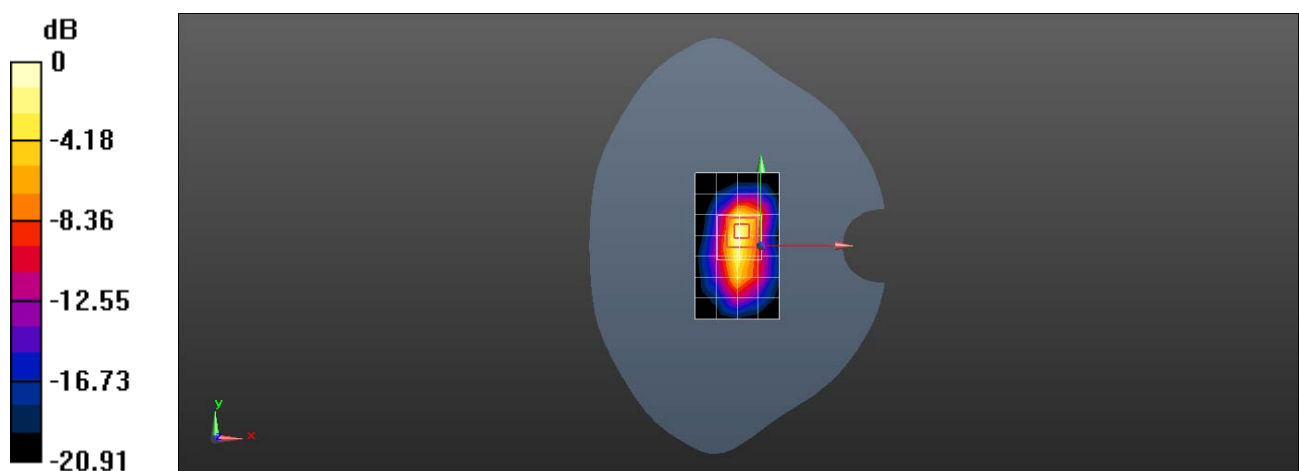
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.61 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.06 W/kg

Maximum value of SAR (measured) = 7.31 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 4 20M QPSK 1RB50 20300CH Right cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, LTE Band 4; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.325 \text{ S/m}$; $\epsilon_r = 39.59$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.299 W/kg

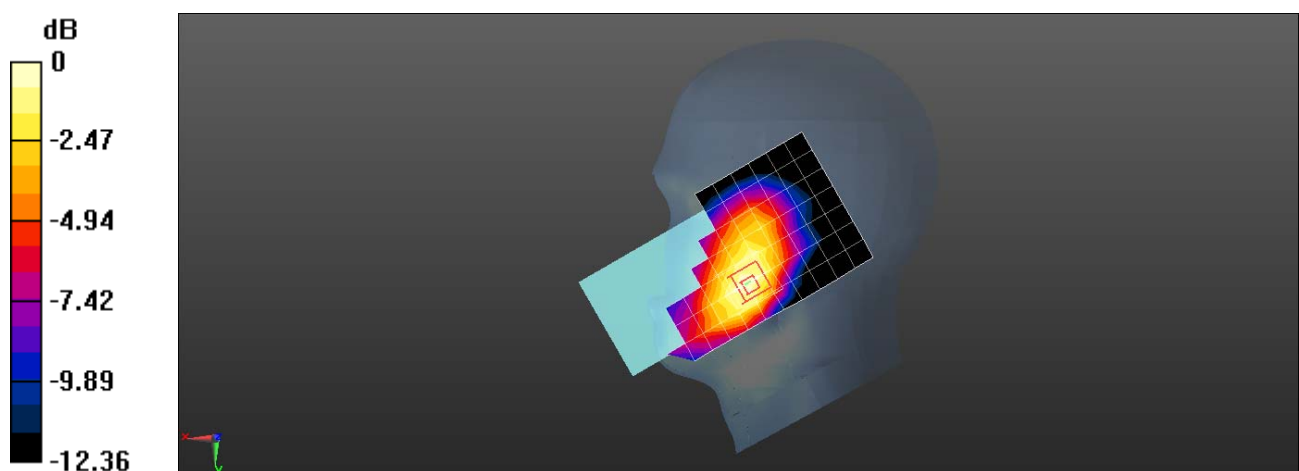
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.163 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.260 W/kg ; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



$0 \text{ dB} = 0.285 \text{ W/kg} = -5.45 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 4 20M QPSK 1RB50 20300CH Front side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 39.59$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.548 W/kg

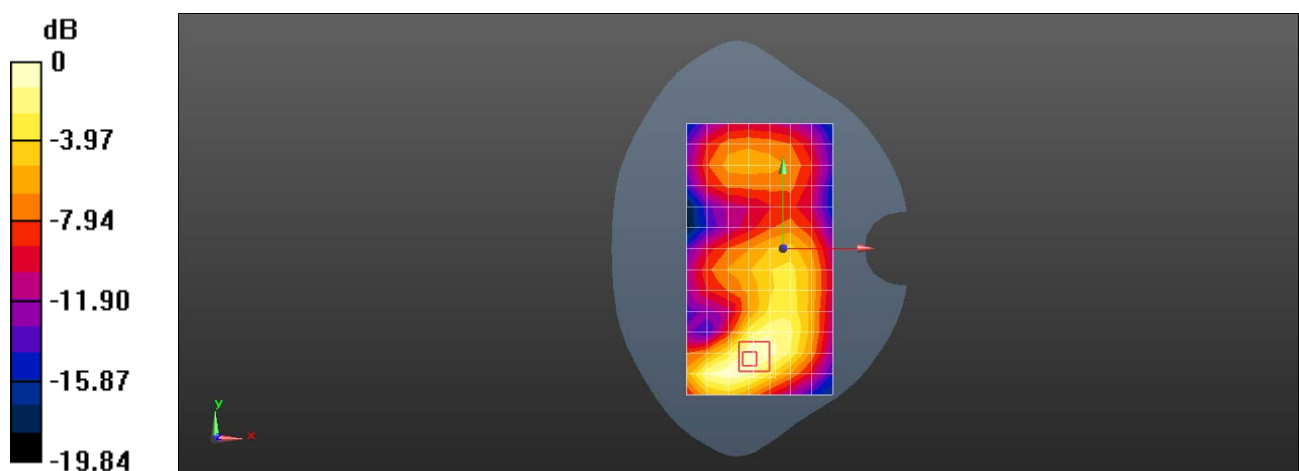
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.698 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.562 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 4 20M QPSK 1RB50 20300CH Back side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 39.59$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 1.19 W/kg

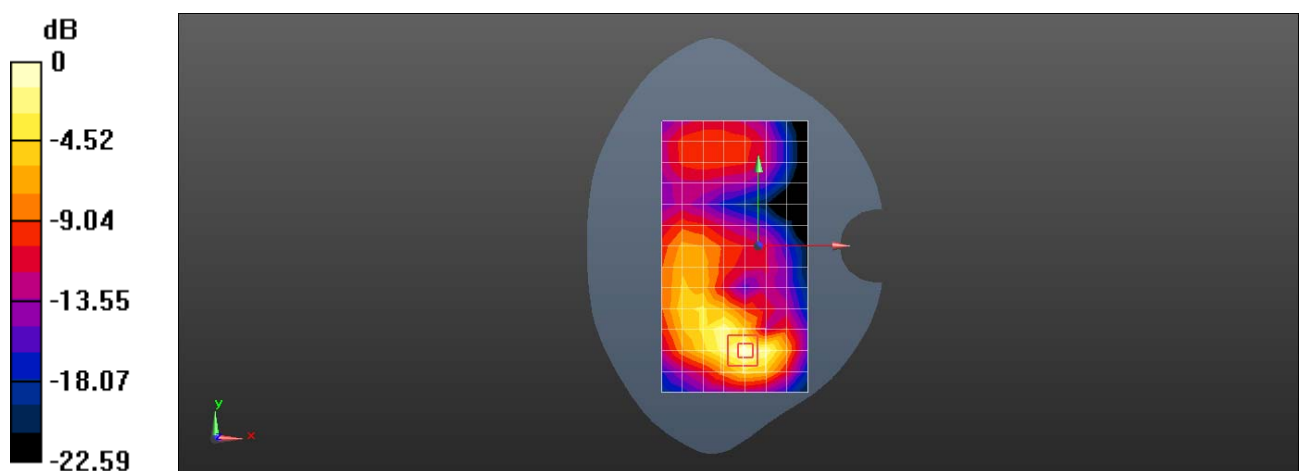
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.652 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.435 W/kg

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



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 5 10M QPSK 1RB25 20450CH Left cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 829$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 43.391$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.223 W/kg

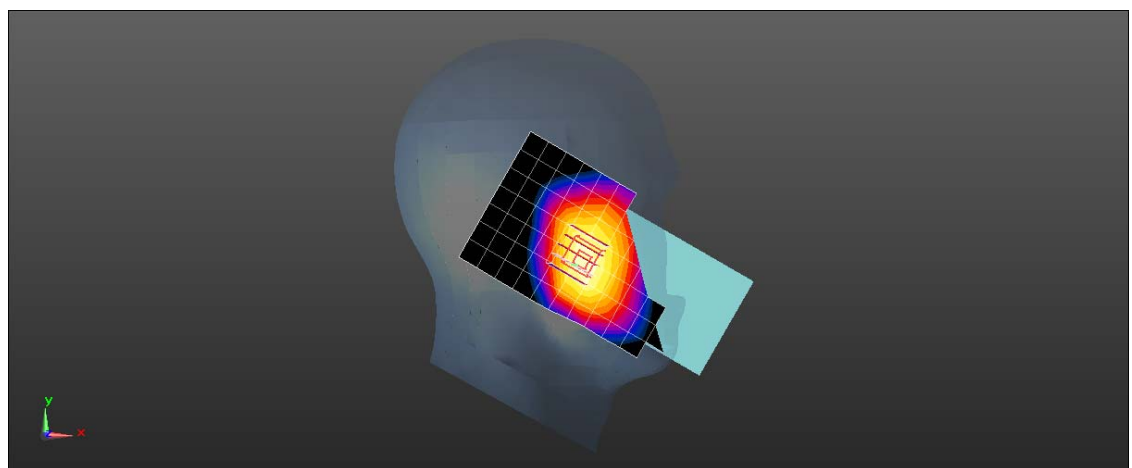
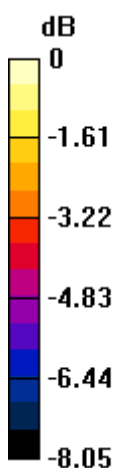
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.841 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 5 10M QPSK 1RB25 20450CH Back side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.909 \text{ S/m}$; $\epsilon_r = 43.391$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

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

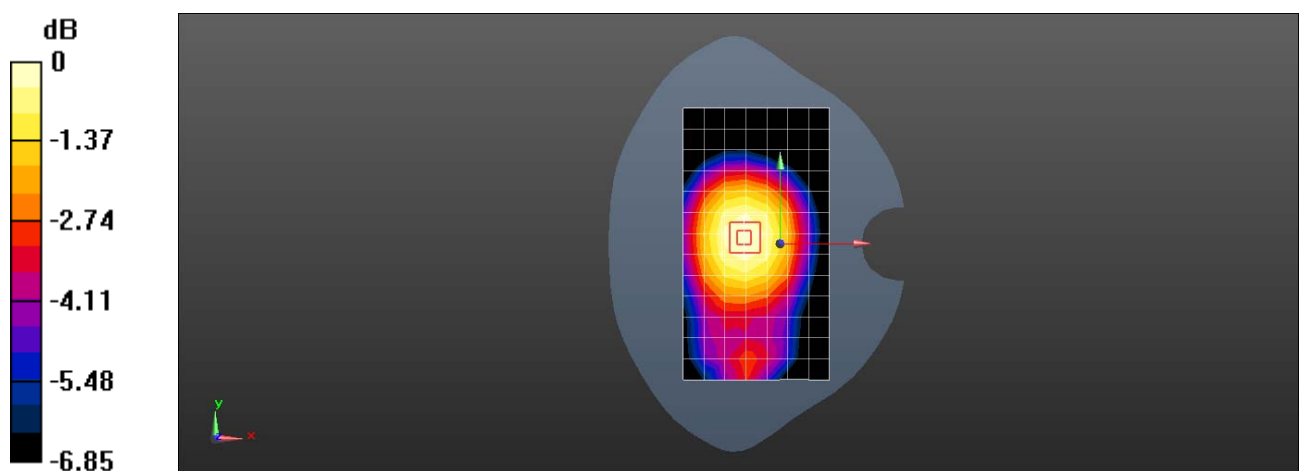
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.39 V/m ; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.267 W/kg ; SAR(10 g) = 0.209 W/kg

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



$0 \text{ dB} = 0.291 \text{ W/kg} = -5.36 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 5 10M QPSK 1RB25 20450CH Back side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.909 \text{ S/m}$; $\epsilon_r = 43.391$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.05, 9.05, 9.05); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.377 W/kg

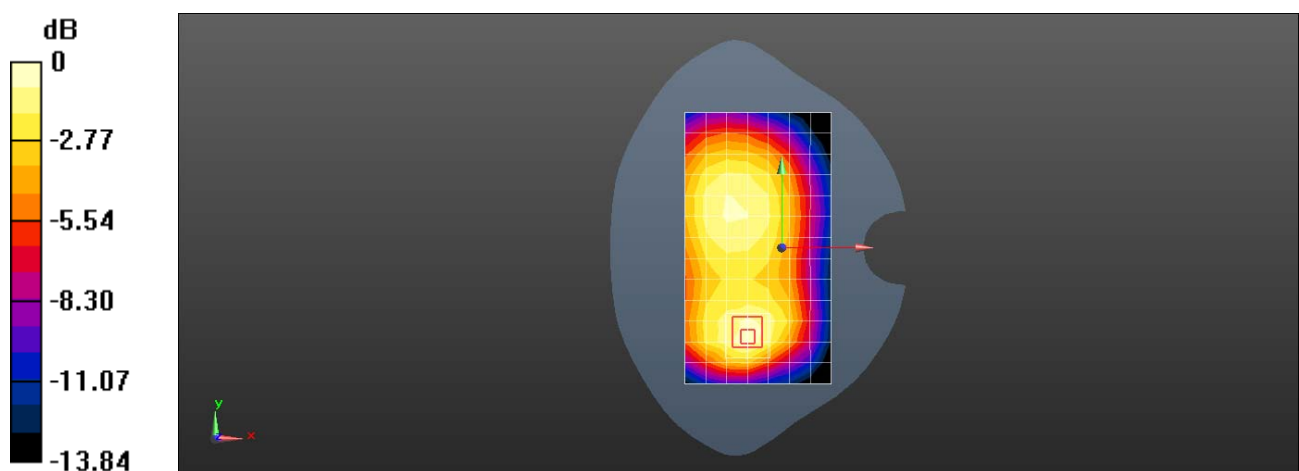
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.19 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 g) = 0.320 W/kg ; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.380 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 12 10M QPSK 1RB49 23095CH Right cheek

DUT: EC1002; Type: Smart phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 12 10MHz; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 43.304$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.34, 9.34, 9.34); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.160 W/kg

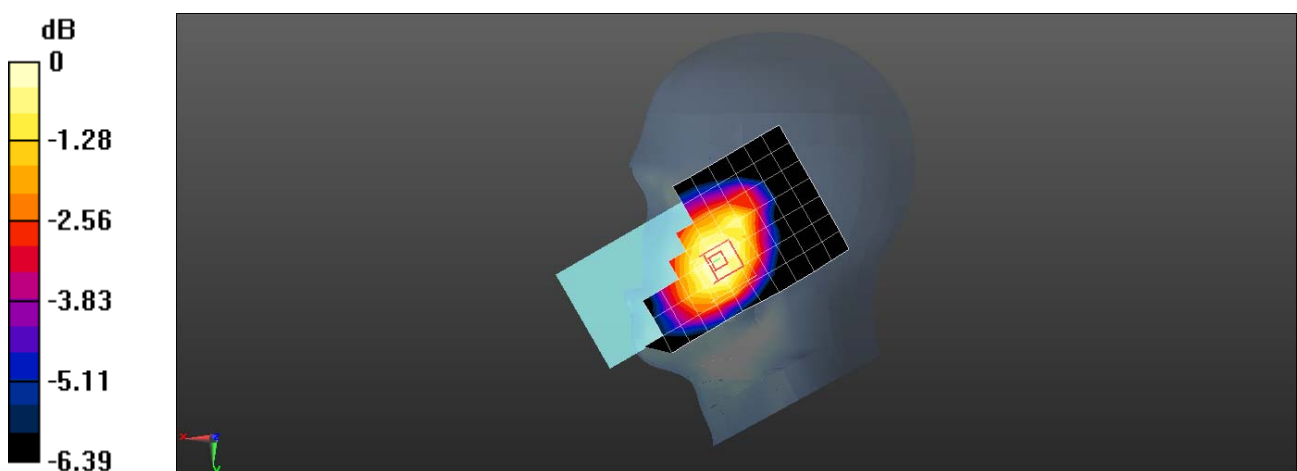
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.279 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 12 10M QPSK 1RB49 23095CH Back side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 12 10MHz; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 43.304$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.34, 9.34, 9.34); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.234 W/kg

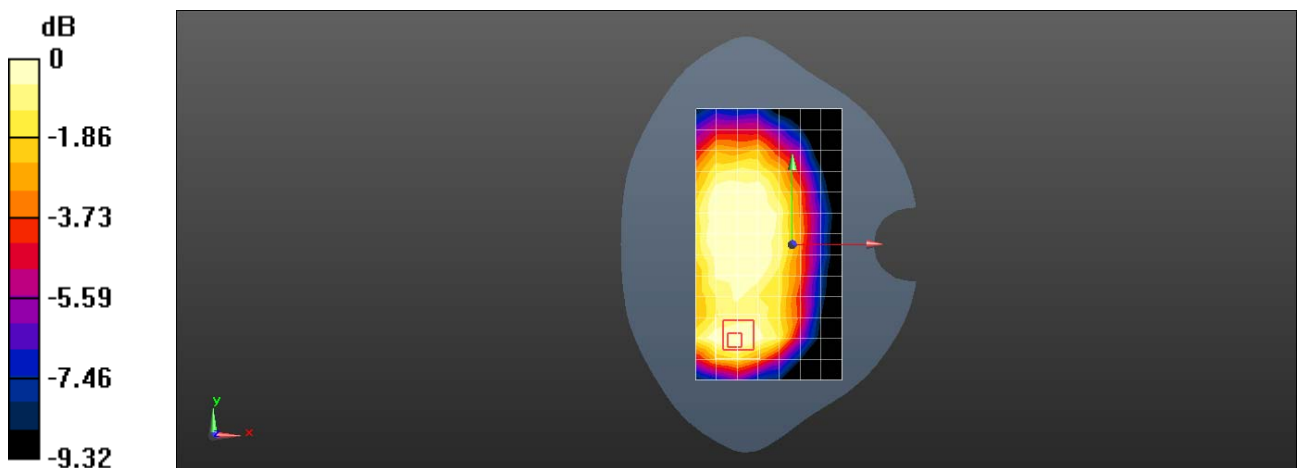
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.72 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.126 W/kg

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



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 12 10M QPSK 1RB49 23095CH Right side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 12 10MHz; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 43.304$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.34, 9.34, 9.34); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.236 W/kg

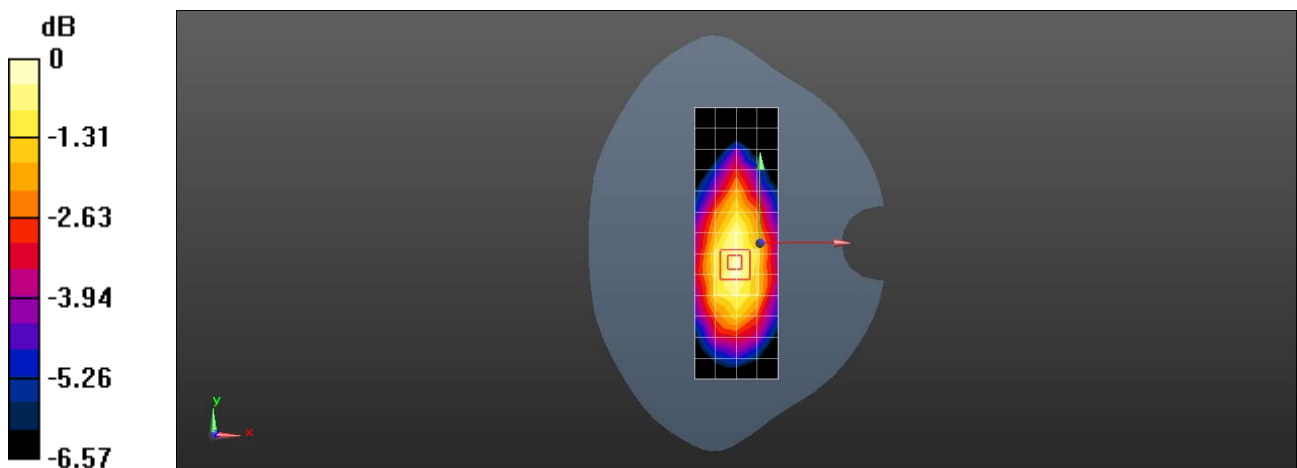
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.54 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 14 10M QPSK 1RB25 23330CH Left cheek

DUT: EC1002; Type: Smart phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 14 10MHz; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 42.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.34, 9.34, 9.34); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

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

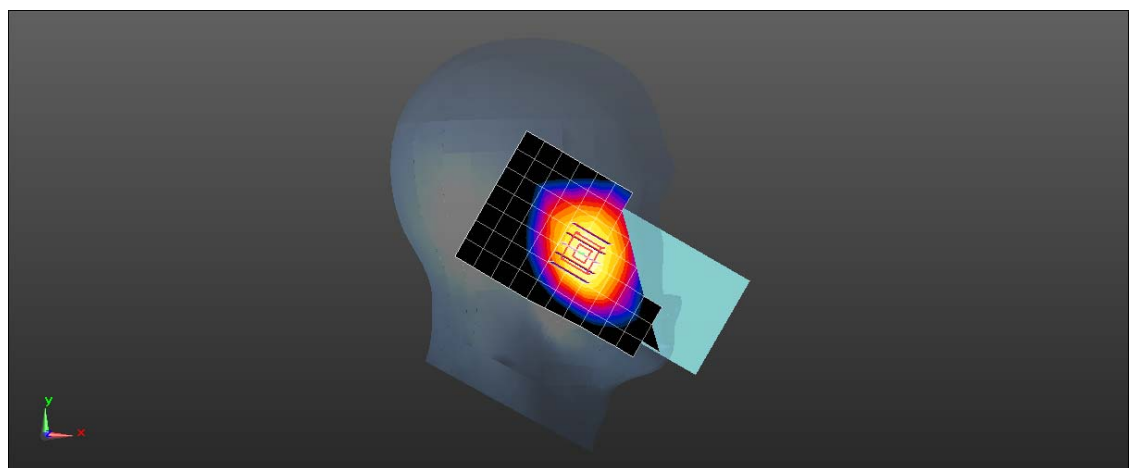
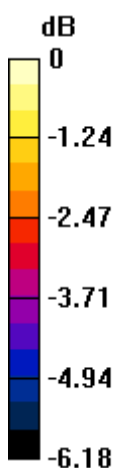
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.221 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.120 W/kg ; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



$0 \text{ dB} = 0.128 \text{ W/kg} = -8.93 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 14 10M QPSK 1RB25 23330CH Back side 15mm

DUT: EC1002; Type: Smart phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 14 10MHz; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 42.787$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.34, 9.34, 9.34); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.142 W/kg

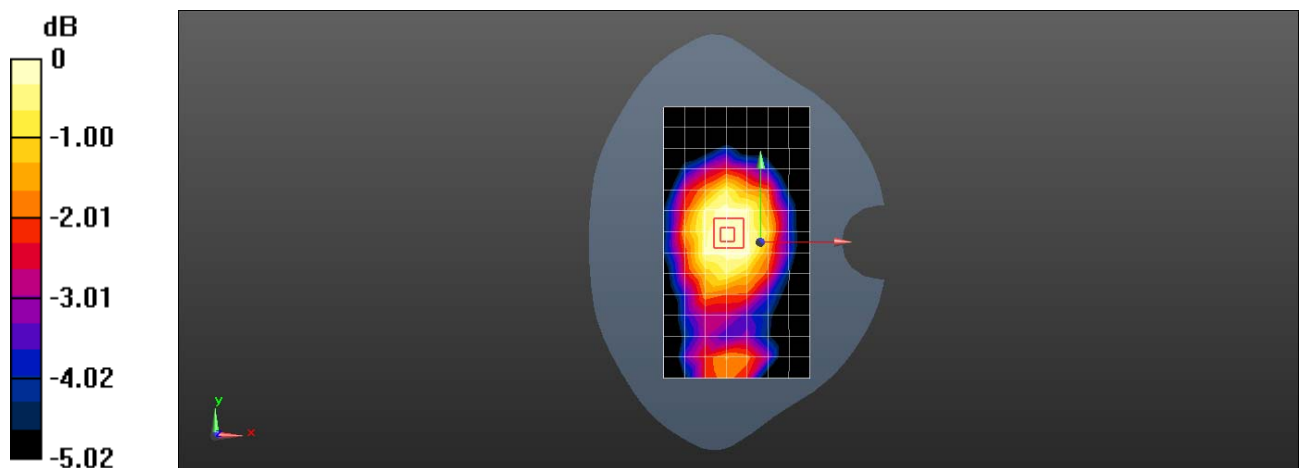
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.97 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.125 W/kg ; SAR(10 g) = 0.106 W/kg

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



0 dB = 0.131 W/kg = -8.83 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 14 10M QPSK 1RB25 23330CH Back side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE Band 14 10MHz; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 793$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 42.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.34, 9.34, 9.34); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.225 W/kg

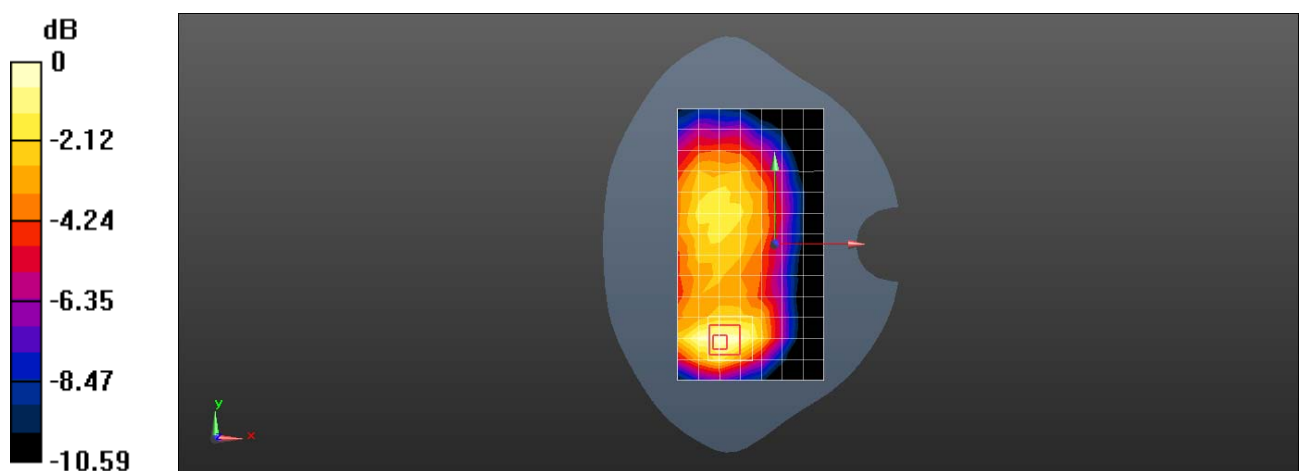
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.45 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.232 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 30 10M QPSK 1RB0 27710CH Left cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL2300; Medium parameters used: $f = 2310$ MHz; $\sigma = 1.611$ S/m; $\epsilon_r = 39.809$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.95, 7.95, 7.95); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

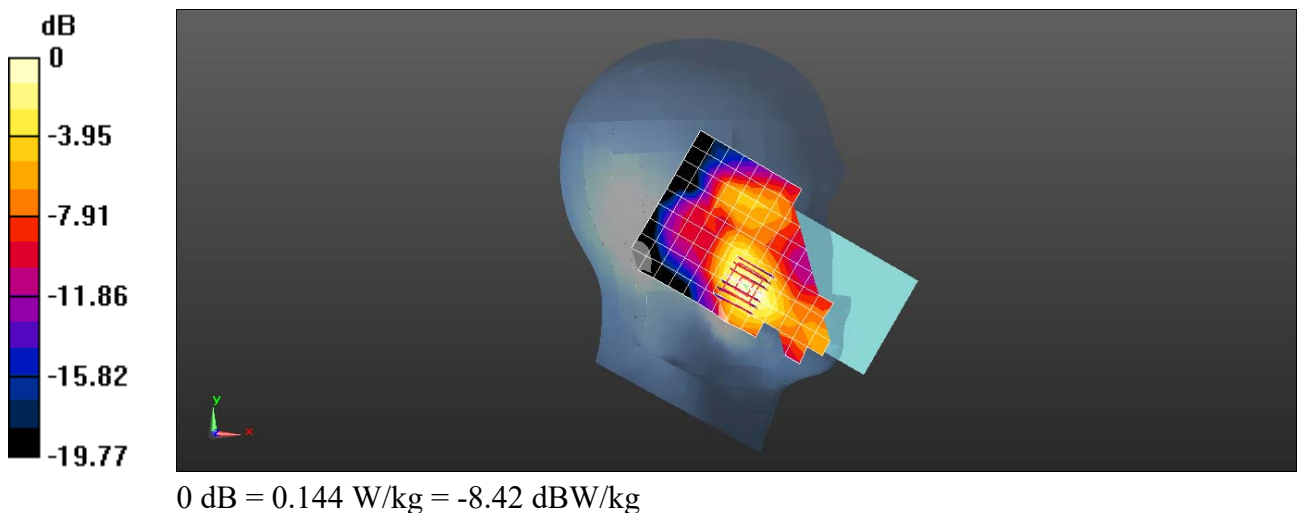
Maximum value of SAR (measured) = 0.144 W/kg

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

Reference Value = 2.324 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.061 W/kg



Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 30 10M QPSK 1RB0 27710CH Front side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz;Duty Cycle: 1:1

Medium: HSL2300;Medium parameters used: $f = 2310$ MHz; $\sigma = 1.611$ S/m; $\epsilon_r = 39.809$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.95, 7.95, 7.95); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

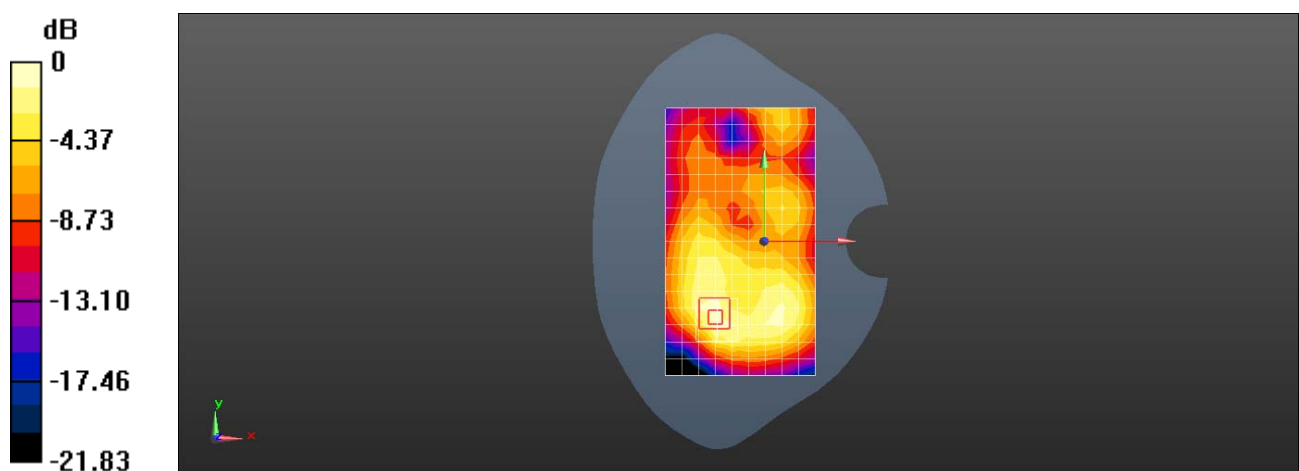
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.806 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 30 10M QPSK 1RB0 27710CH Bottom side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010380

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL2300; Medium parameters used: $f = 2310$ MHz; $\sigma = 1.611$ S/m; $\epsilon_r = 39.809$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.95, 7.95, 7.95); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.584 W/kg

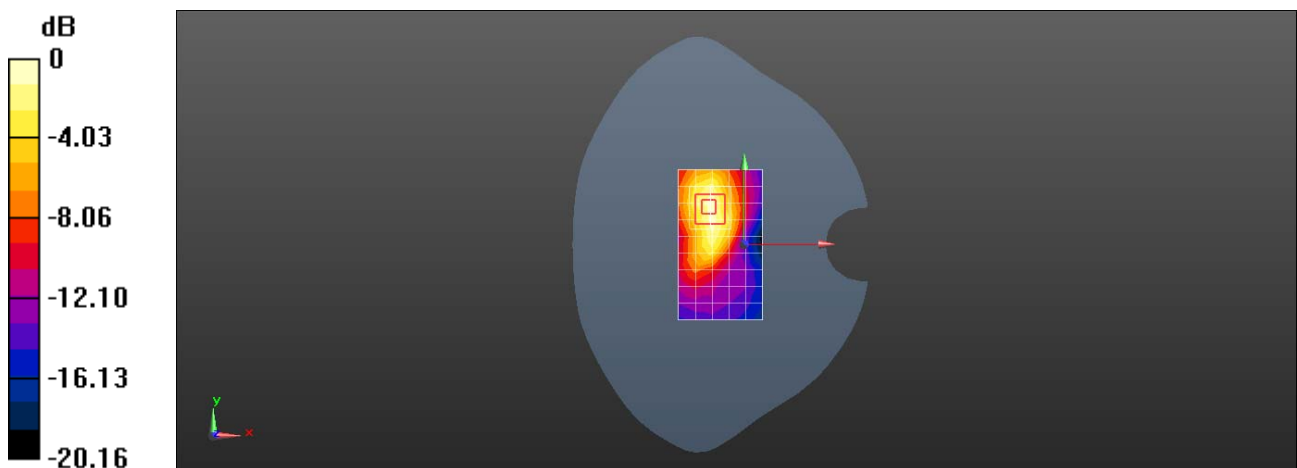
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.98 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.617 W/kg



0 dB = 0.617 W/kg = -2.10 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 66 20M QPSK 1RB50 132572CH Right cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, LTE Band 66 20MHz; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: ES3DV4 - SN3973; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 4.7.80(0); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.284 W/kg

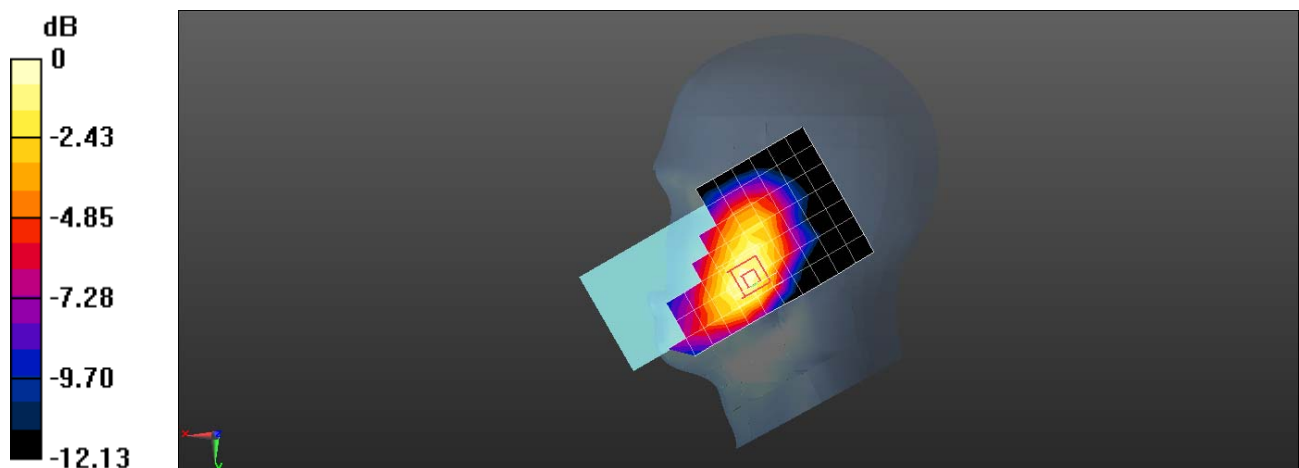
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.861 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 66 20M QPSK 1RB50 132572CH Front side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- 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) = 0.707 W/kg

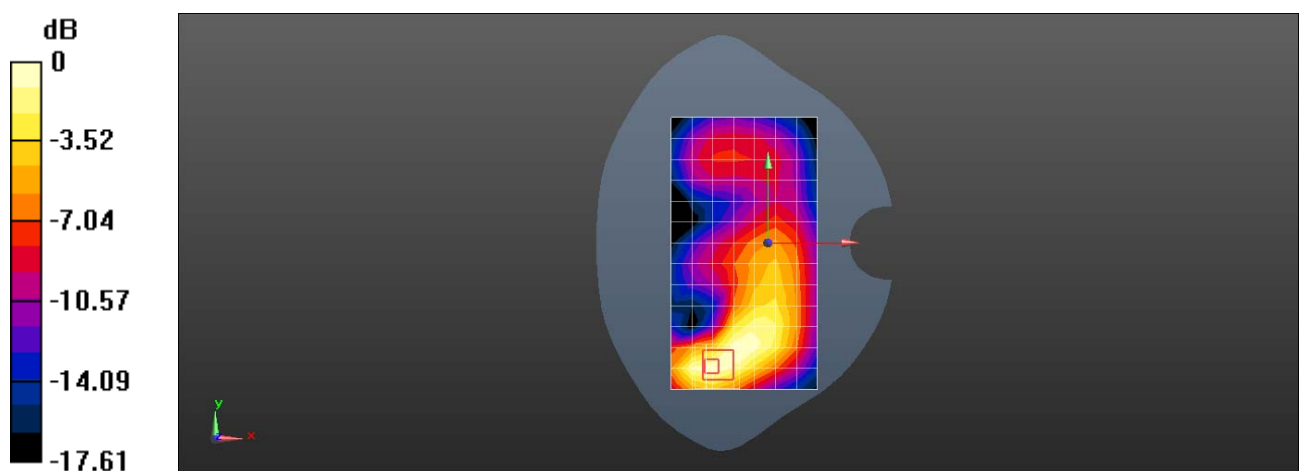
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.308 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.714 W/kg = -1.46 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 LTE Band 66 20M QPSK 1RB0 132572CH Bottom side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

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

Medium: HSL1750; Medium parameters used: $f = 1770$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.81, 7.81, 7.81); Calibrated: 2020-05-09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

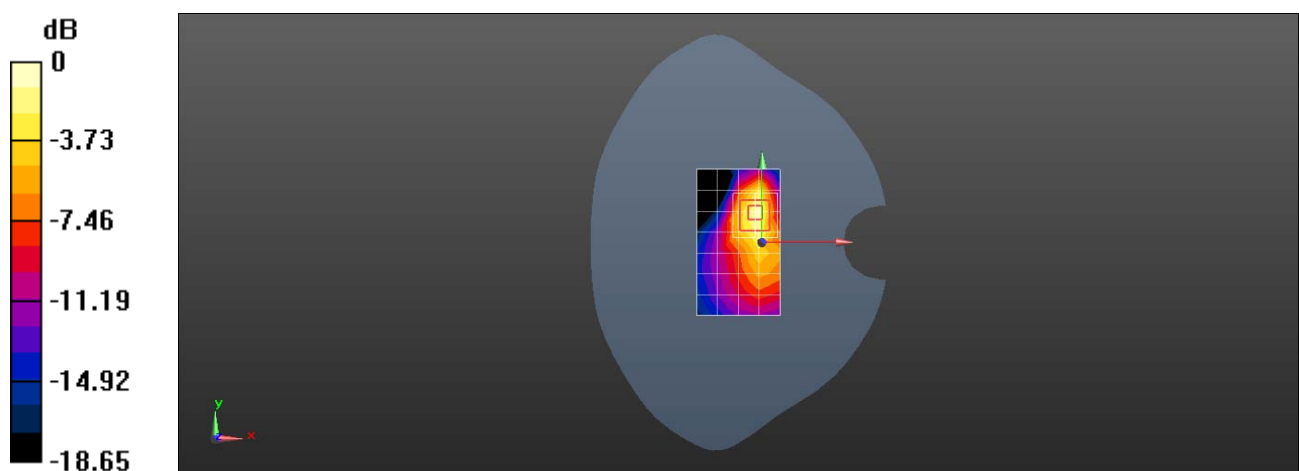
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.03 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.479 W/kg

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



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

Test Laboratory: SGS-SAR Lab

EC1002 Wi-Fi 2.4G 802.11g 11CH Left cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.04

Medium: HSL2450; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 39.296$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.60, 7.60, 7.60); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 1.39 W/kg

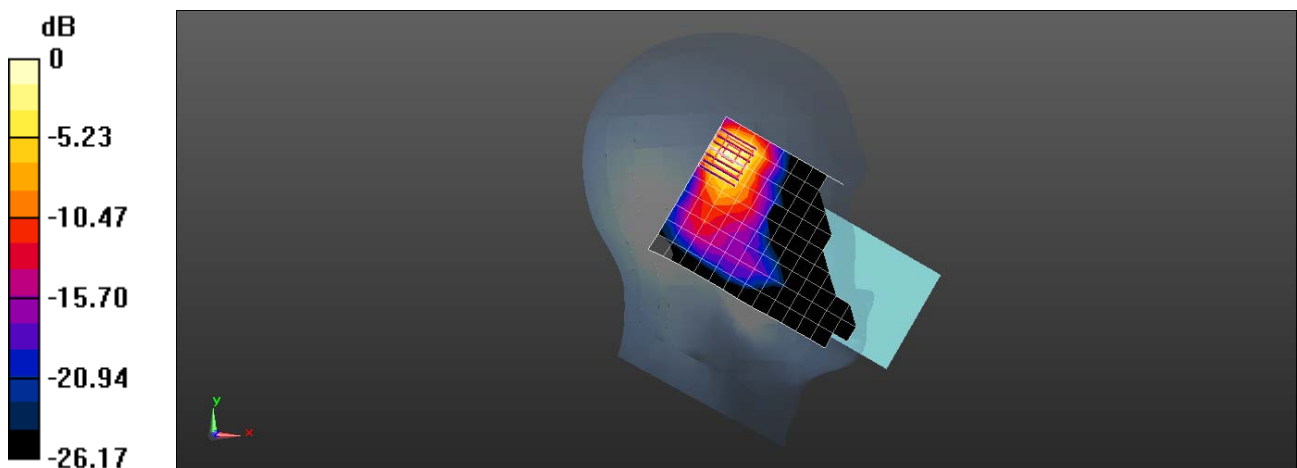
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.440 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 Wi-Fi 2.4G 802.11b 6CH Back side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: HSL2450; Medium parameters used: $f = 2437$ MHz; $\sigma = 1.749$ S/m; $\epsilon_r = 39.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.60, 7.60, 7.60); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- 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) = 0.282 W/kg

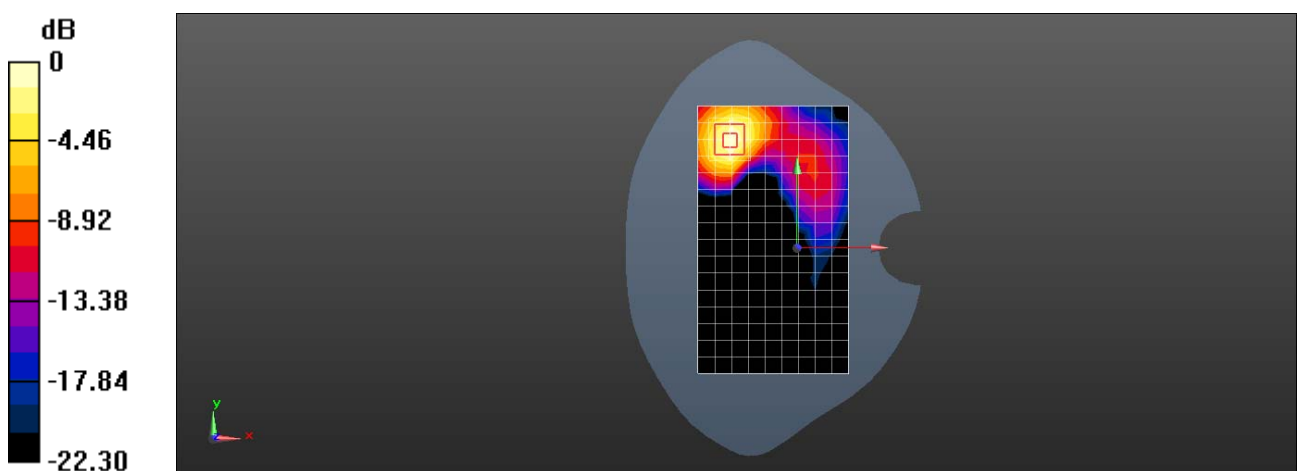
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 Wi-Fi 2.4G 802.11b 6CH Back side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: HSL2450; Medium parameters used: $f = 2437$ MHz; $\sigma = 1.749$ S/m; $\epsilon_r = 39.373$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.60, 7.60, 7.60); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- 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) = 0.481 W/kg

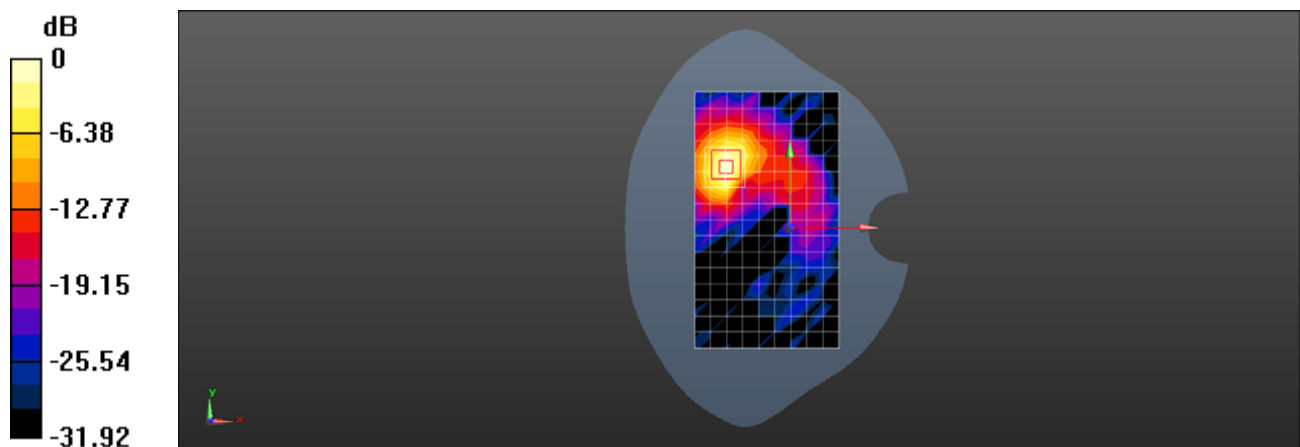
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.2100 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.493 W/kg



0 dB = 0.493 W/kg = -3.07 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 Wi-Fi 5G 802.11a 20M 56CH Left cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5280 MHz;Duty Cycle: 1:1.04

Medium: HSL5000;Medium parameters used: $f = 5280$ MHz; $\sigma = 4.664$ S/m; $\epsilon_r = 35.532$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.56, 5.56, 5.56); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (12x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.30 W/kg

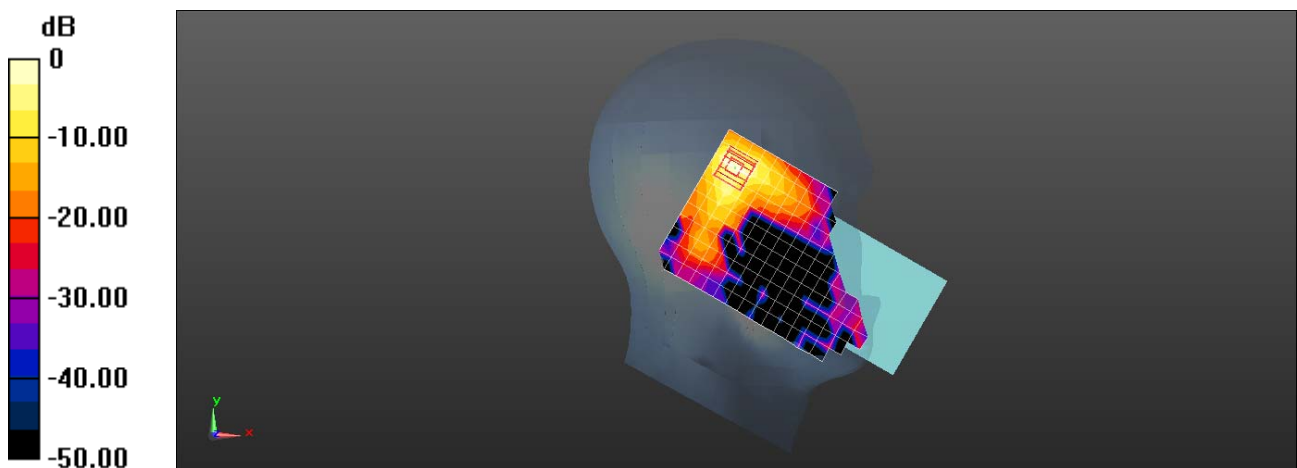
Configuration/Head/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.813 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 Wi-Fi 5G 802.11a 20M 157CH Back side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz;Duty Cycle: 1:1.04

Medium: HSL5000;Medium parameters used: $f = 5785$ MHz; $\sigma = 5.348$ S/m; $\epsilon_r = 34.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.88, 4.88, 4.88); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

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

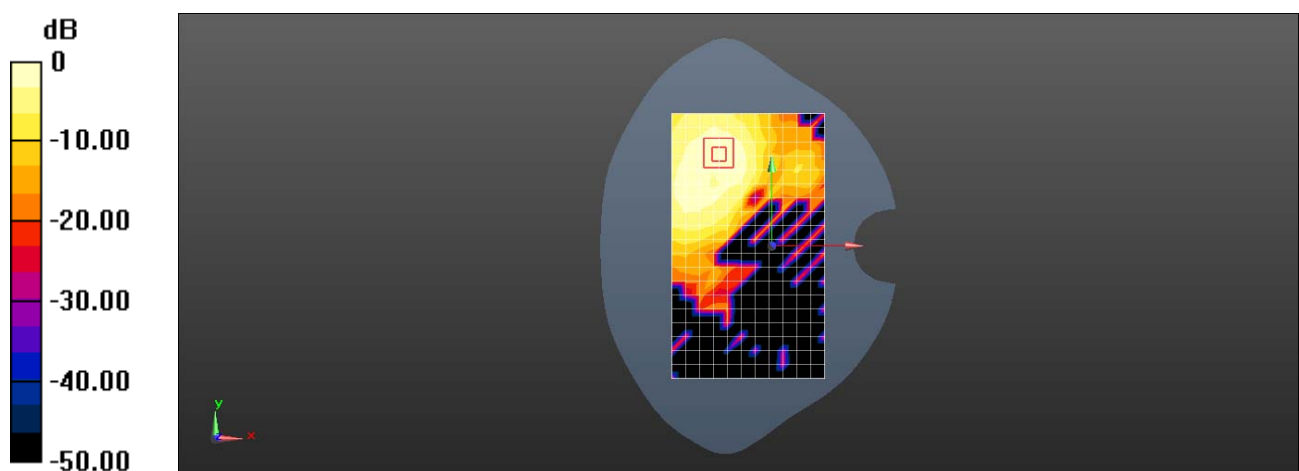
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.120 W/kg



0 dB = 0.120 W/kg = -9.21 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 Wi-Fi 5G 802.11a 20M 157CH Back side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz;Duty Cycle: 1:1.04

Medium: HSL5000;Medium parameters used: $f = 5785$ MHz; $\sigma = 5.348$ S/m; $\epsilon_r = 34.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.88, 4.88, 4.88); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

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

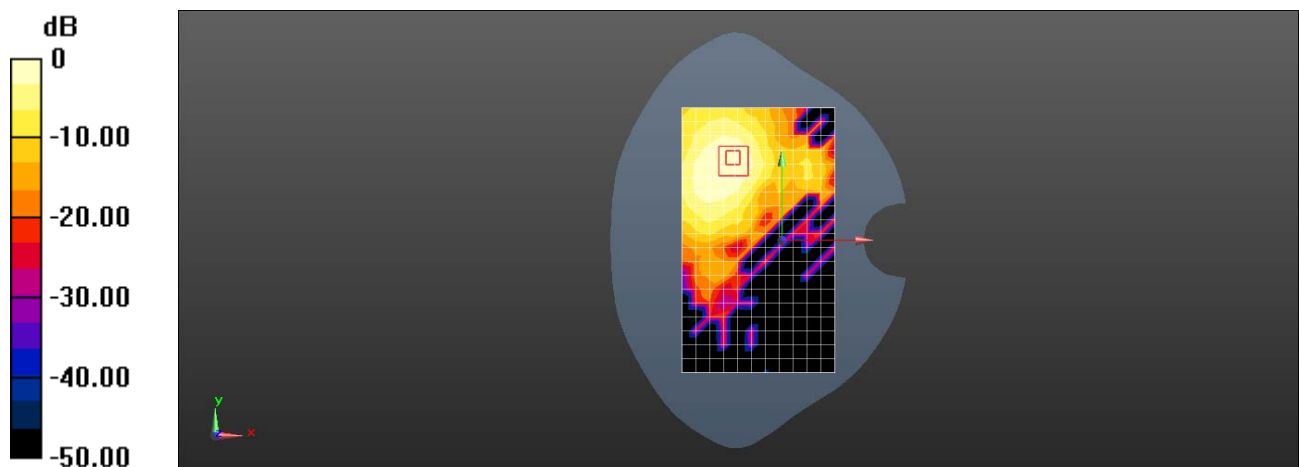
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.120 W/kg



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

Test Laboratory: SGS-SAR Lab

EC1002 Wi-Fi 5G 802.11a 20M 56CH Top side 0mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5280 MHz; Duty Cycle: 1:1.04

Medium: HSL5000; Medium parameters used: $f = 5280$ MHz; $\sigma = 4.664$ S/m; $\epsilon_r = 35.532$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.56, 5.56, 5.56); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 6.07 W/kg

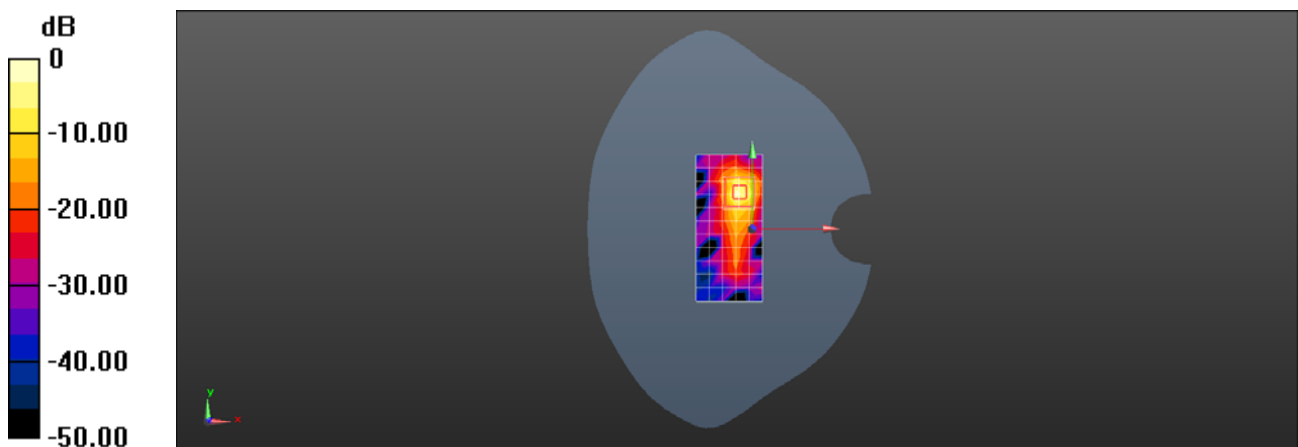
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.428 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 2.32 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 8.01 W/kg



0 dB = 8.01 W/kg = 9.04 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 Bluetooth DH5 0CH Left cheek

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.30

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.712$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.60, 7.60, 7.60); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.153 W/kg

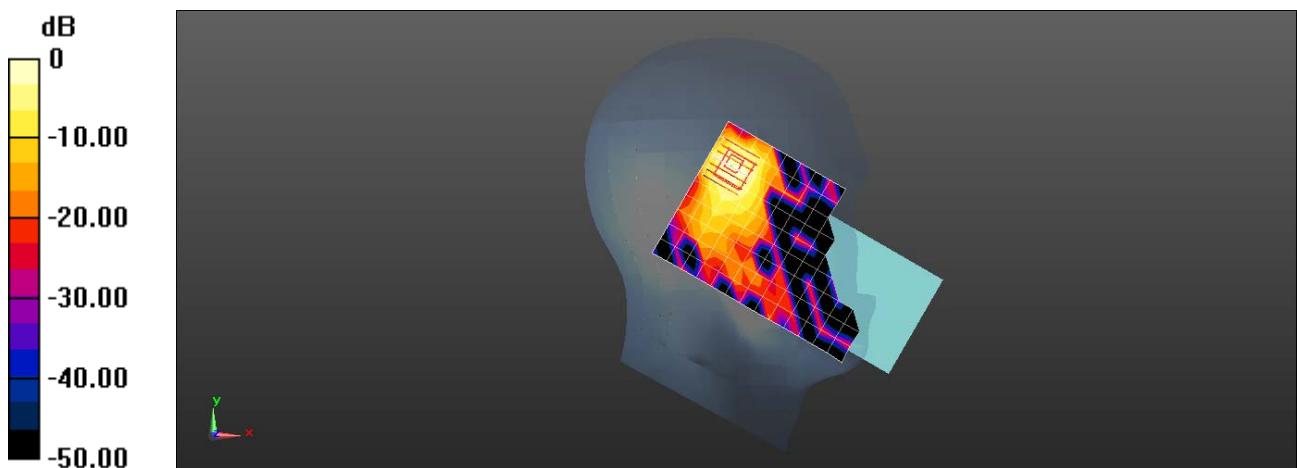
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.774 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.046 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

EC1002 Bluetooth DH5 0CH Back side 15mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.30

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.712$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.60, 7.60, 7.60); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- 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) = 0.0289 W/kg

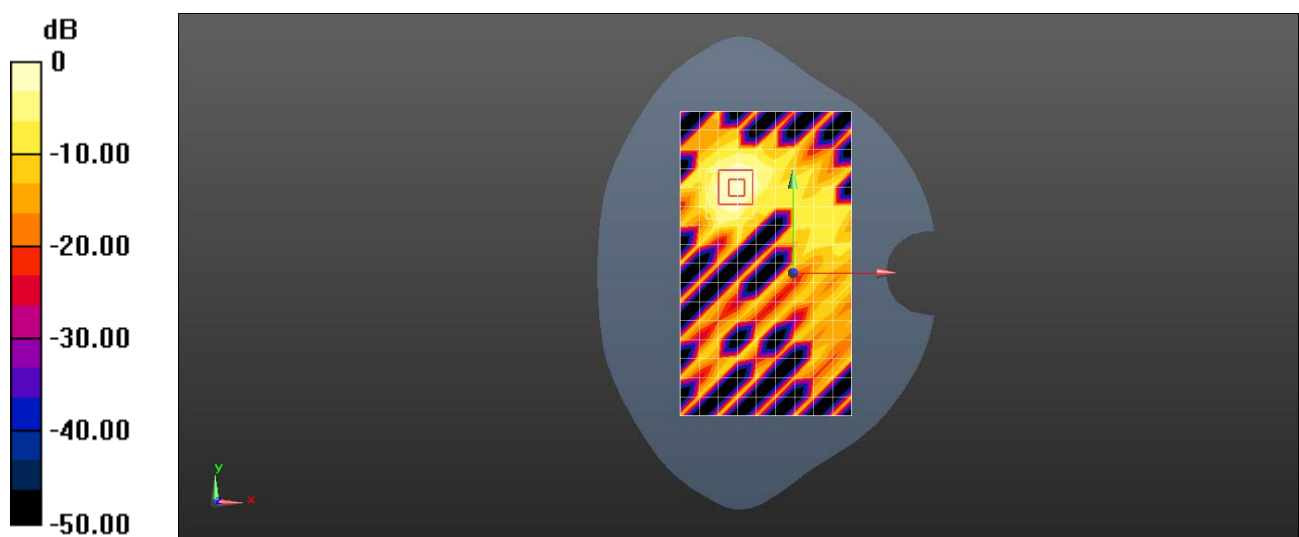
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5610 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0360 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00752 W/kg

Maximum value of SAR (measured) = 0.0277 W/kg



0 dB = 0.0277 W/kg = -15.58 dBW/kg

Test Laboratory: SGS-SAR Lab

EC1002 Bluetooth DH5 0CH Back side 10mm

DUT: EC1002; Type: Mobile Phone; Serial: ZONB02420C010190

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.30

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.712$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.60, 7.60, 7.60); Calibrated: 2020-04-01;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM2; Type: SAM; Serial: 1913
- 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) = 0.0630 W/kg

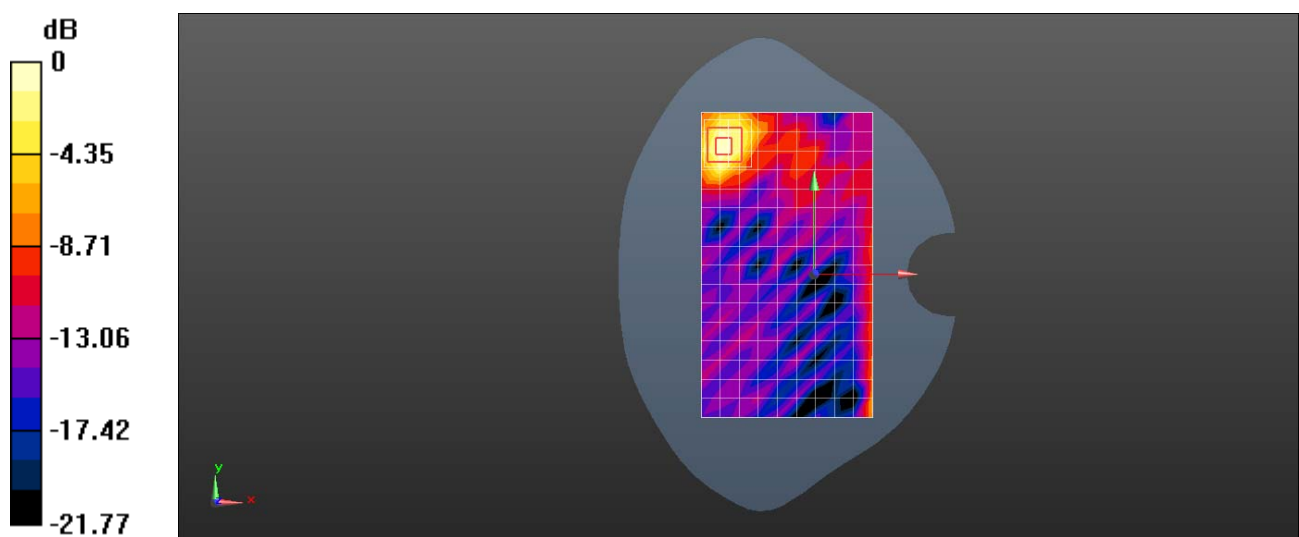
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.080 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0653 W/kg



0 dB = 0.0653 W/kg = -11.85 dBW/kg