

Appendix B

Detailed Test Results

1. GSM
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Bluetooth for Head &Body

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM850 GSM 128CH Right cheek Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

Communication System: UID 0, GSM Only Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 43.045$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.96, 9.96, 9.96); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.214 W/kg

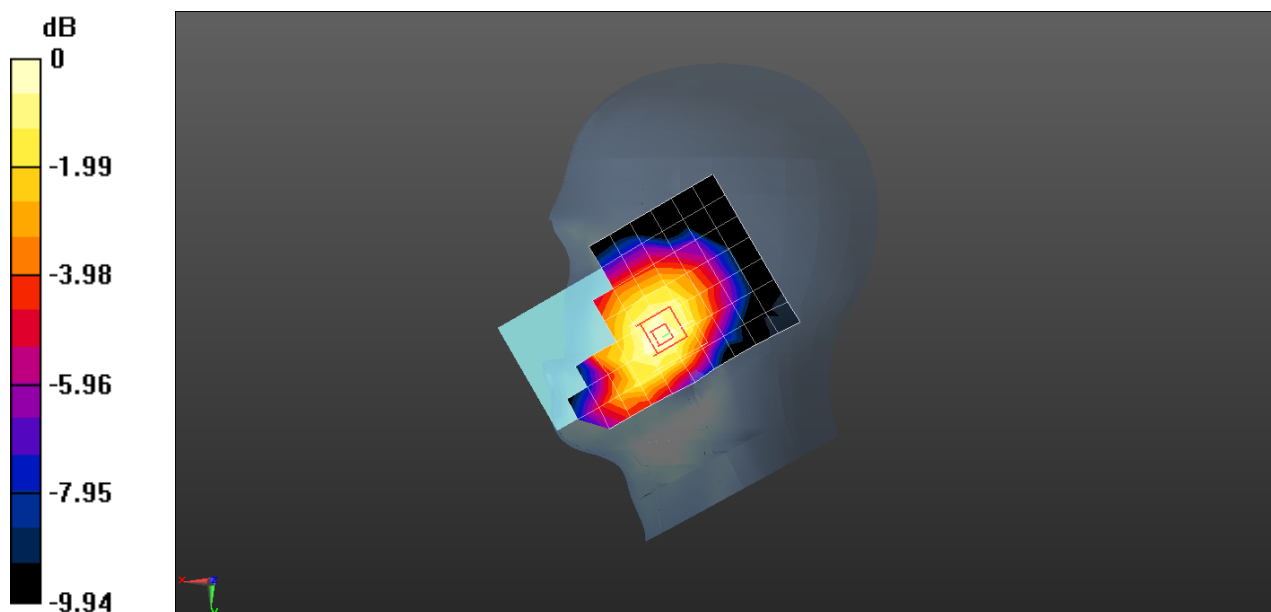
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.664 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg = -6.68 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM850 GPRS 2TS 190CH Back side 15mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954

Medium: MSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.387$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.444 W/kg

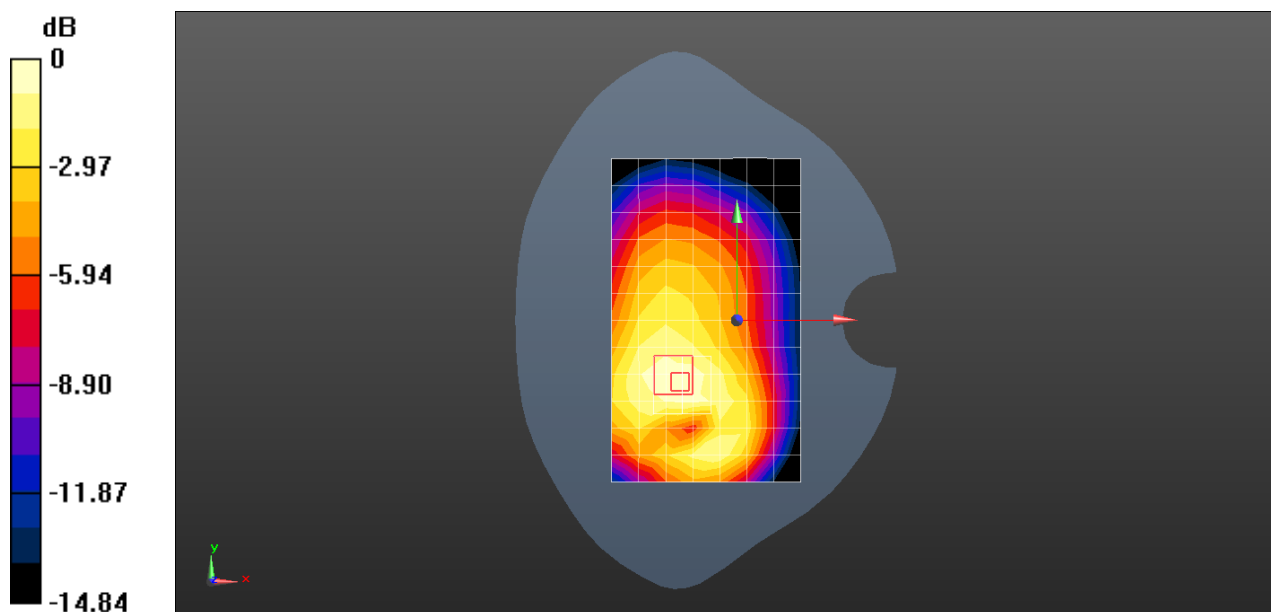
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.59 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.479 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 GSM850 GPRS 2TS 251CH Back side 10mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.14954

Medium: MSL835; Medium parameters used: $f = 849$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 56.33$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.879 W/kg

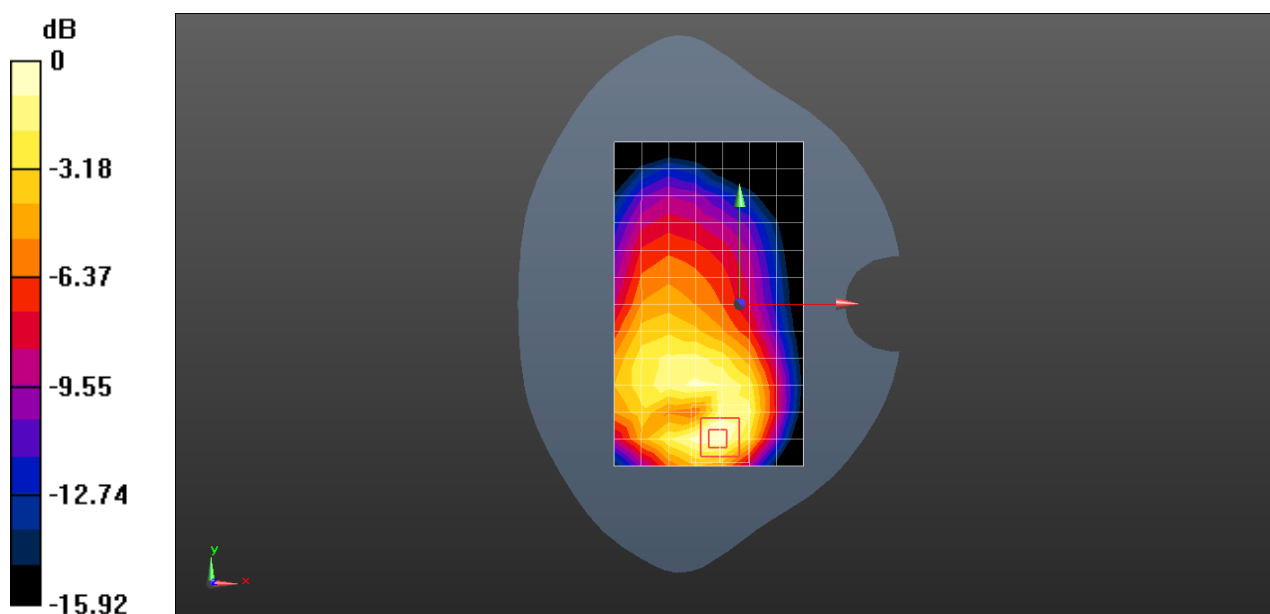
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.74 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 0.903 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 GSM850 128CH Left cheek Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

Communication System: UID 0, GSM Only Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 43.045$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.96, 9.96, 9.96); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- 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) = 0.773 W/kg

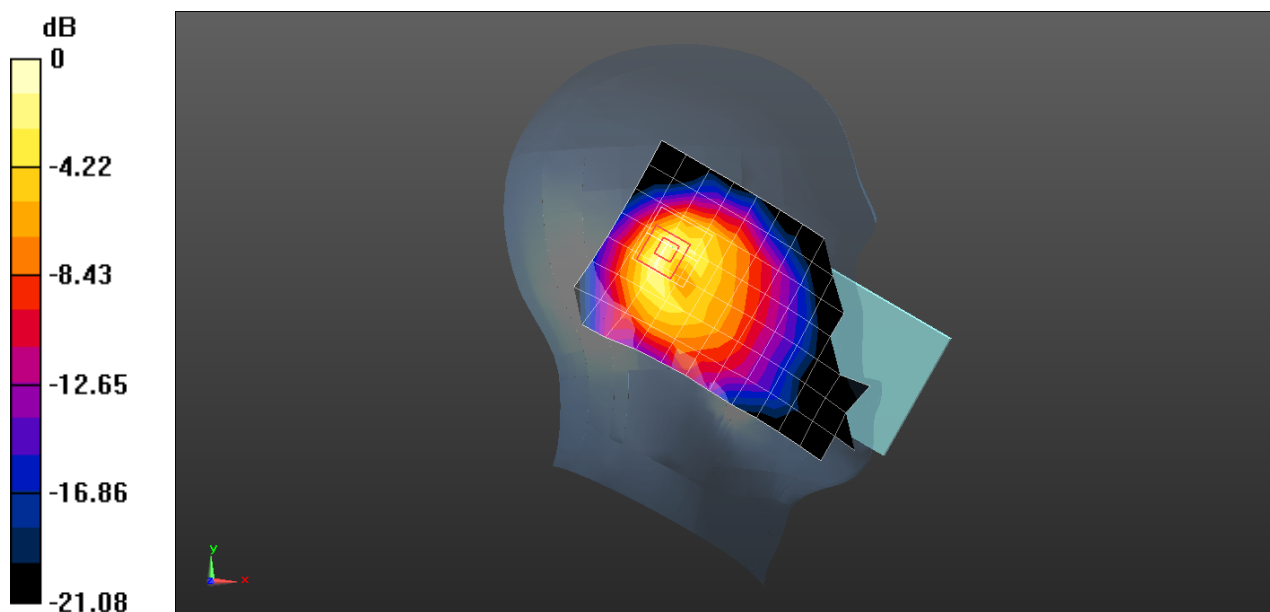
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.99 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.294 W/kg

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



0 dB = 0.961 W/kg = -0.17 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM850 GPRS 2TS 128CH Front side 15mm with Battery2 Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000125

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.14954

Medium: MSL835; Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 56.457$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.129 W/kg

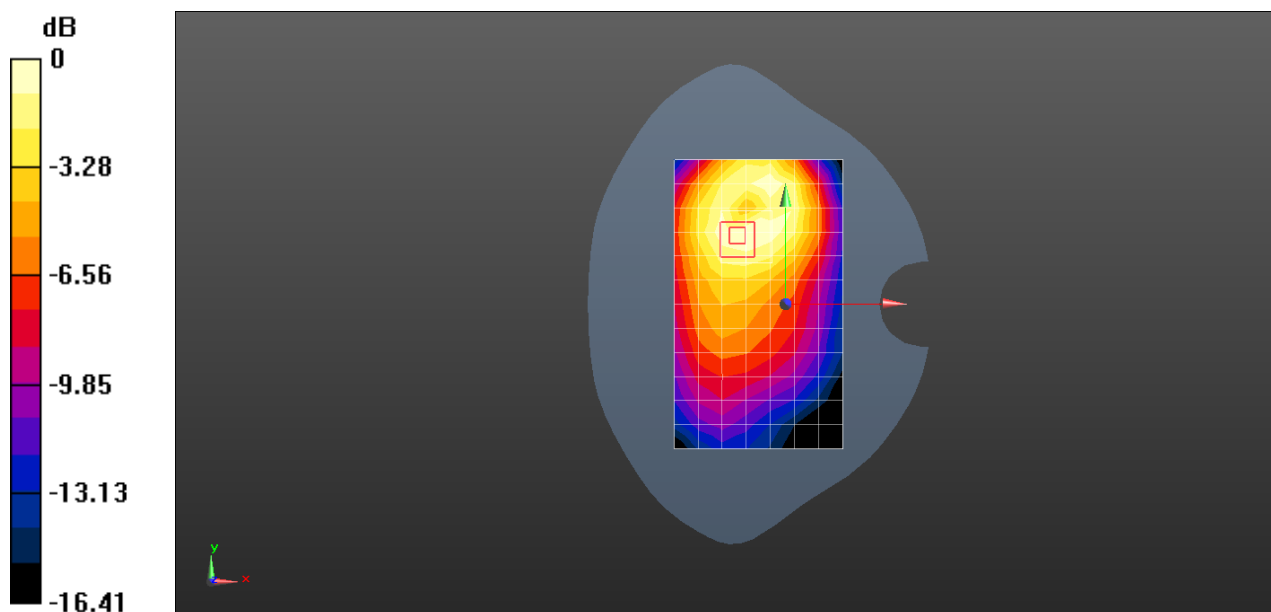
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.733 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.067 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 GSM850 GPRS 2TS 128CH Front side 10mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.14954

Medium: MSL835; Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 56.457$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.180 W/kg

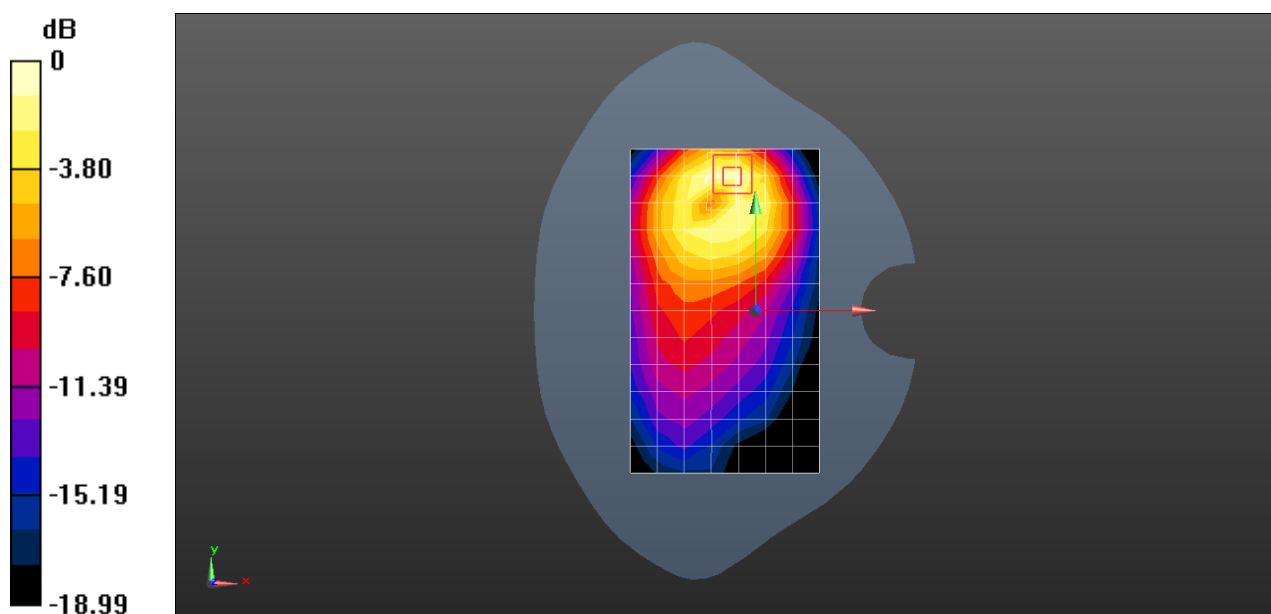
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.527 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.067 W/kg

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



0 dB = 0.200 W/kg = -6.99 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM850 190CH Left cheek Ant2 simultaneous transmission with WIFI

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 42.962$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.96, 9.96, 9.96); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- 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) = 0.511 W/kg

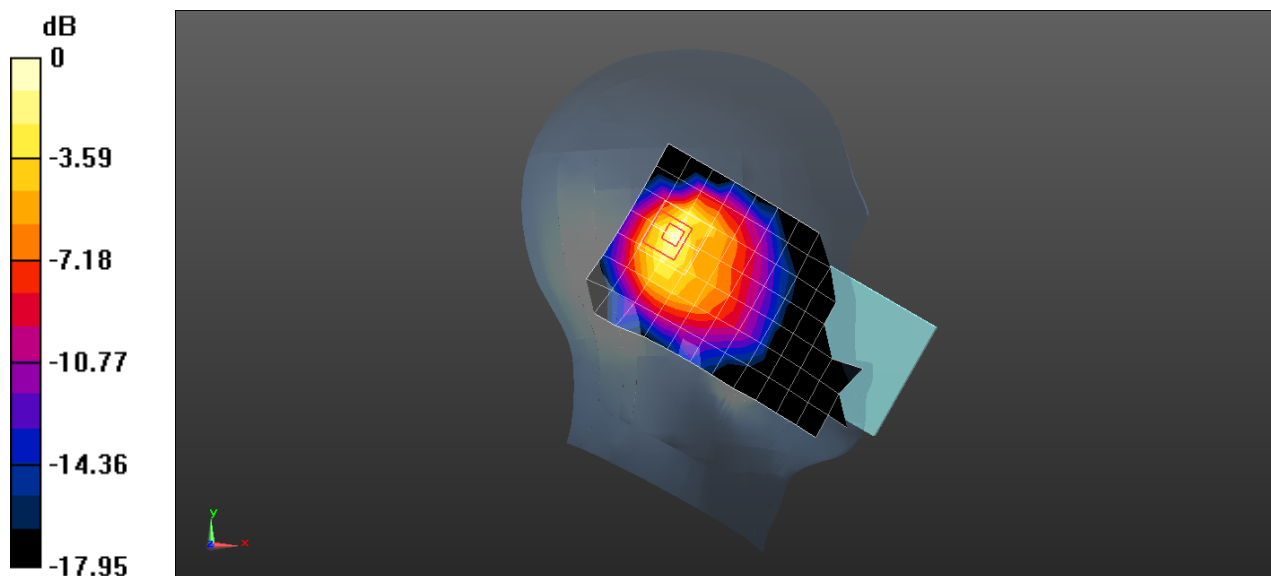
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.011 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM1900 GSM 661CH Right tilted Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 40.648$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.0669 W/kg

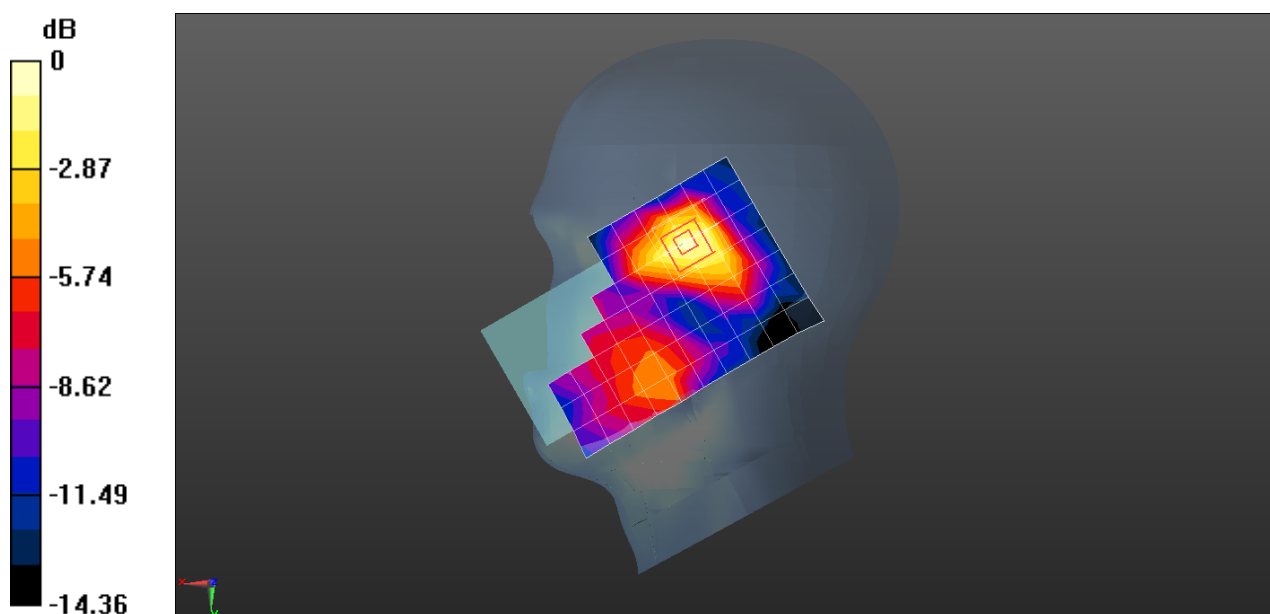
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.056 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0725 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 GSM1900 GPRS 2TS 661CH Front side 15mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954

Medium: MSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 52.697$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.299 W/kg

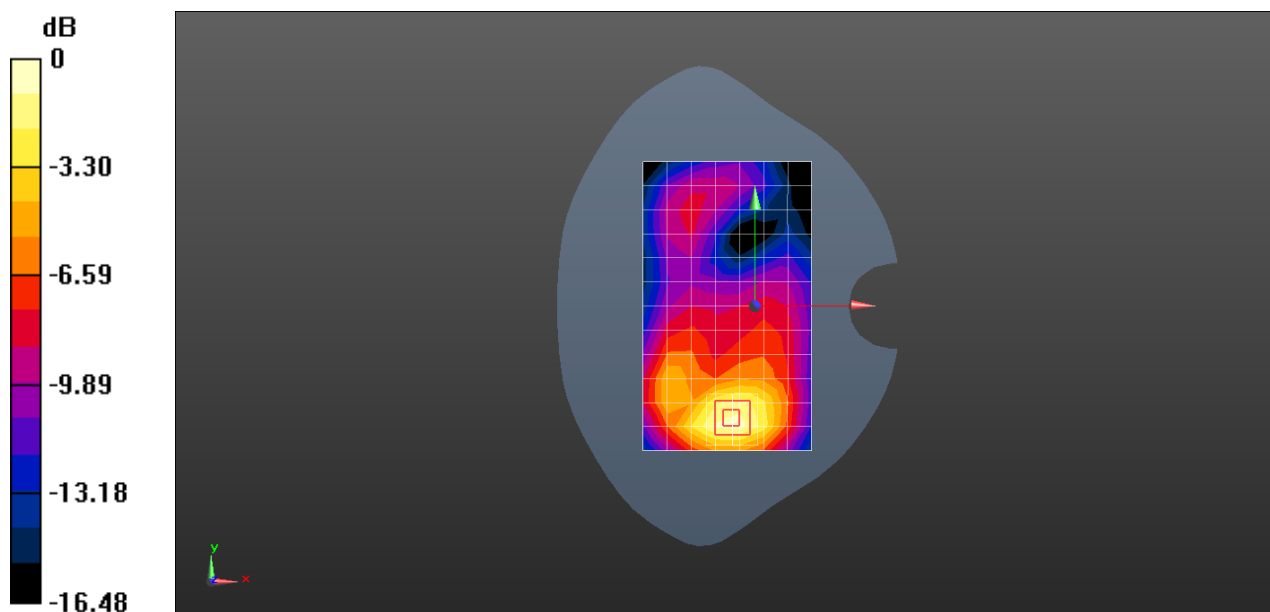
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.911 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg = -4.65 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM1900 GPRS 2TS 810CH Bottom side 10mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.14954

Medium: MSL1900; Medium parameters used: $f = 1910$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 52.627$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.727 W/kg

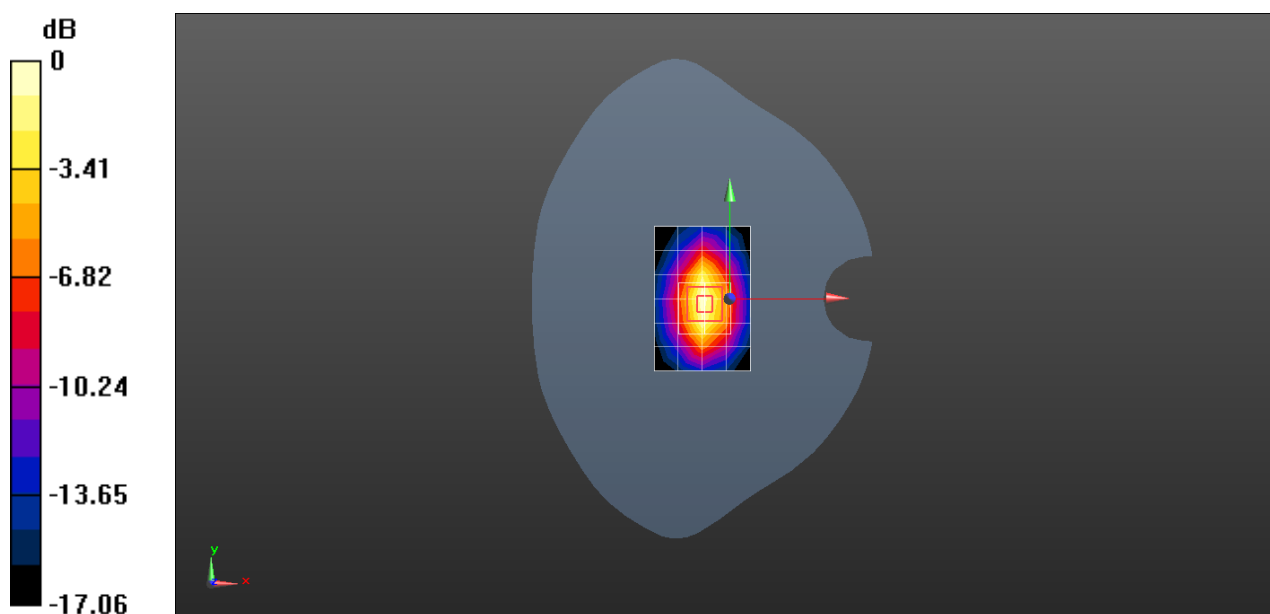
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.87 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.743 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 GSM1900 GPRS 2TS 810CH Bottom side 0mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.14954

Medium: MSL1900; Medium parameters used: $f = 1910$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 52.627$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 3.11 W/kg

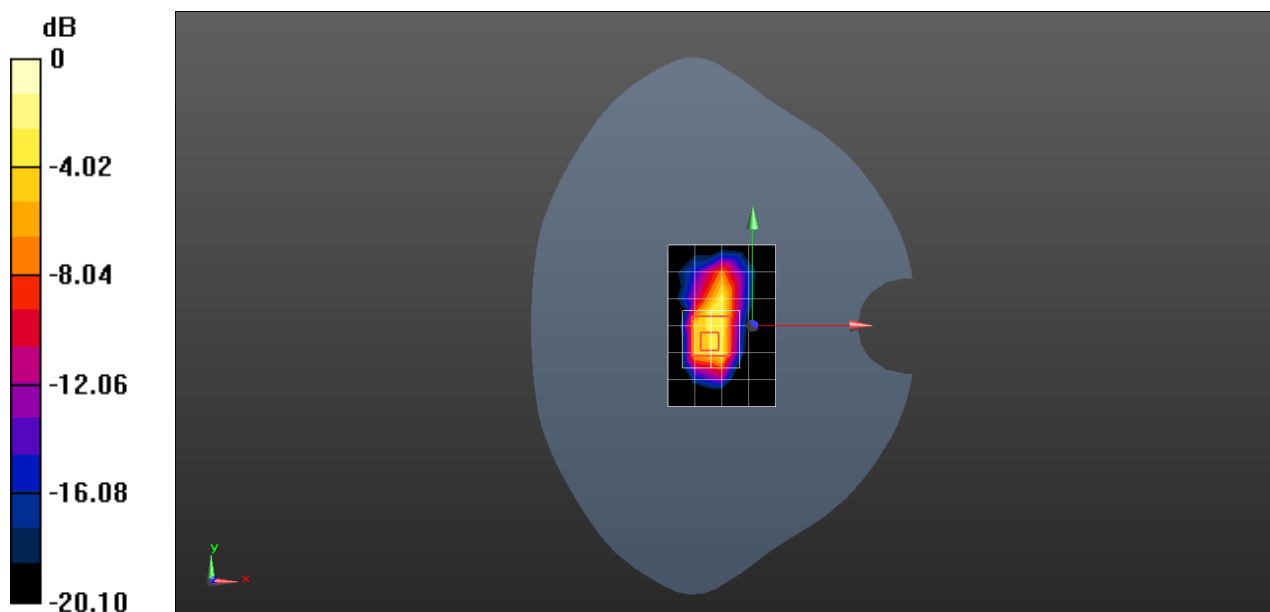
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 46.21 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.84 W/kg

SAR(1 g) = 3.64 W/kg; SAR(10 g) = 1.72 W/kg

Maximum value of SAR (measured) = 6.00 W/kg



0 dB = 6.00 W/kg = 7.78 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM1900 GSM 810CH Left tilted Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used: $f = 1910$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 40.571$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.807 W/kg

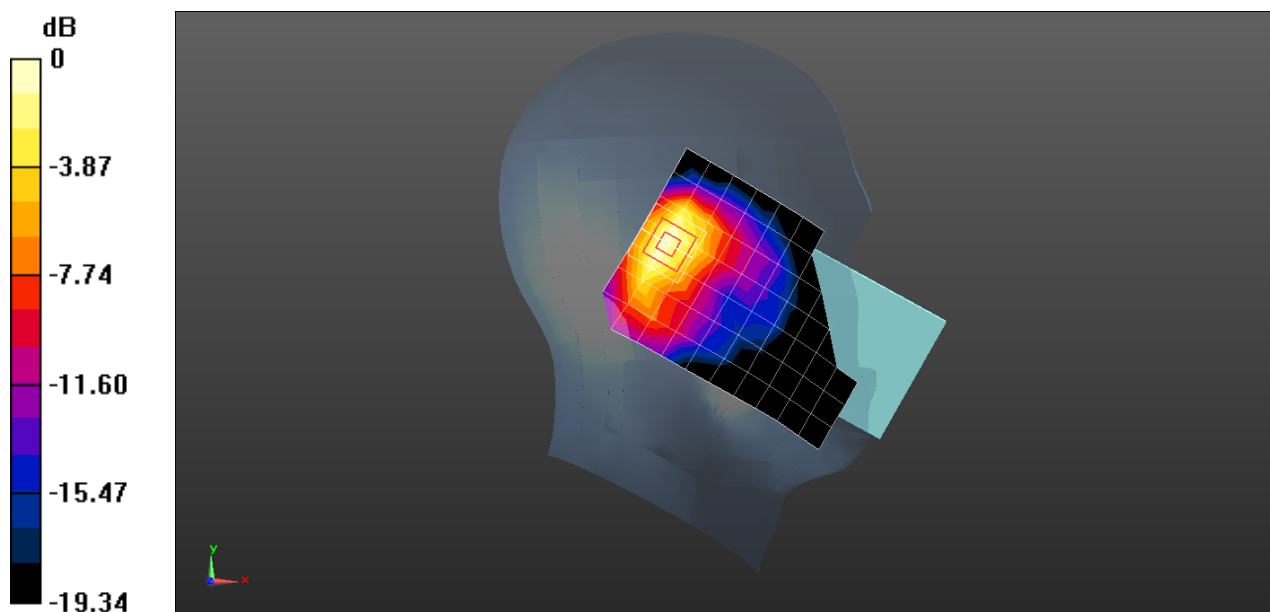
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.21 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835 W/kg = -0.78 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM1900 GPRS 2TS 661CH Back side 15mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000230

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954

Medium: MSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 52.697$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

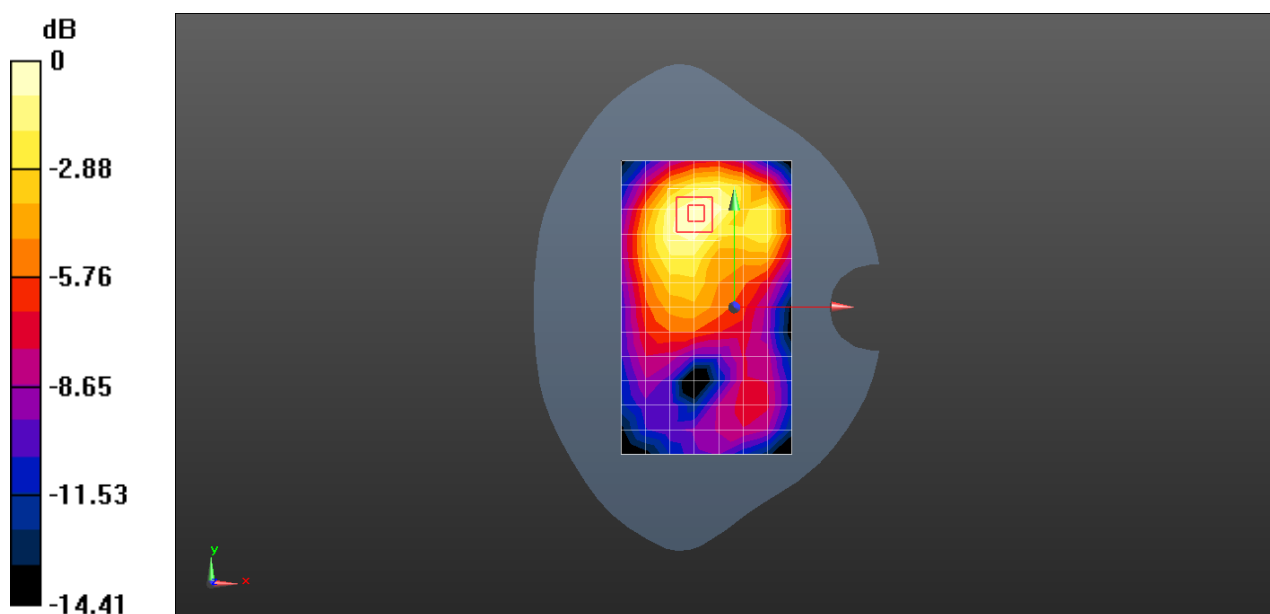
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.081 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.071 W/kg

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



0 dB = 0.146 W/kg = -8.36 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM1900 GPRS 2TS 810CH Top side 10mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000230

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.14954

Medium: MSL1900; Medium parameters used: $f = 1910$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 52.627$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

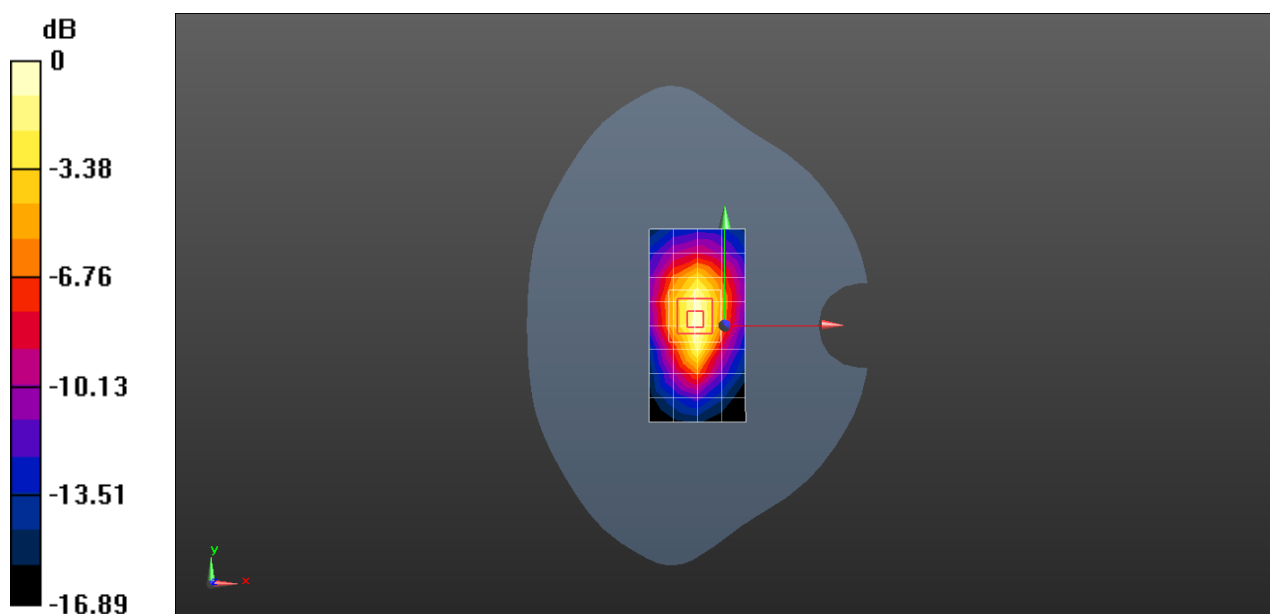
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.94 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 GSM1900 661CH Left tilted Ant2 simultaneous transmission with WIFI

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 40.648$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn428; Calibrated: 2018-01-17
- Phantom: SAM 2; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.369 W/kg

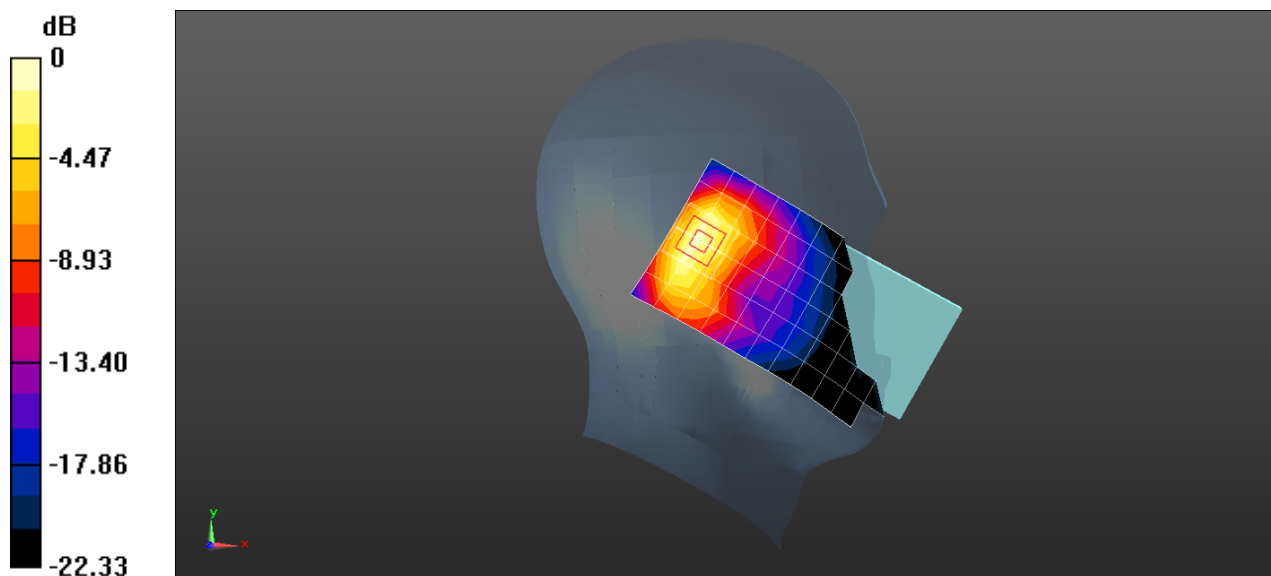
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.33 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band II 9400CH Left cheek Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 40.648$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.156 W/kg

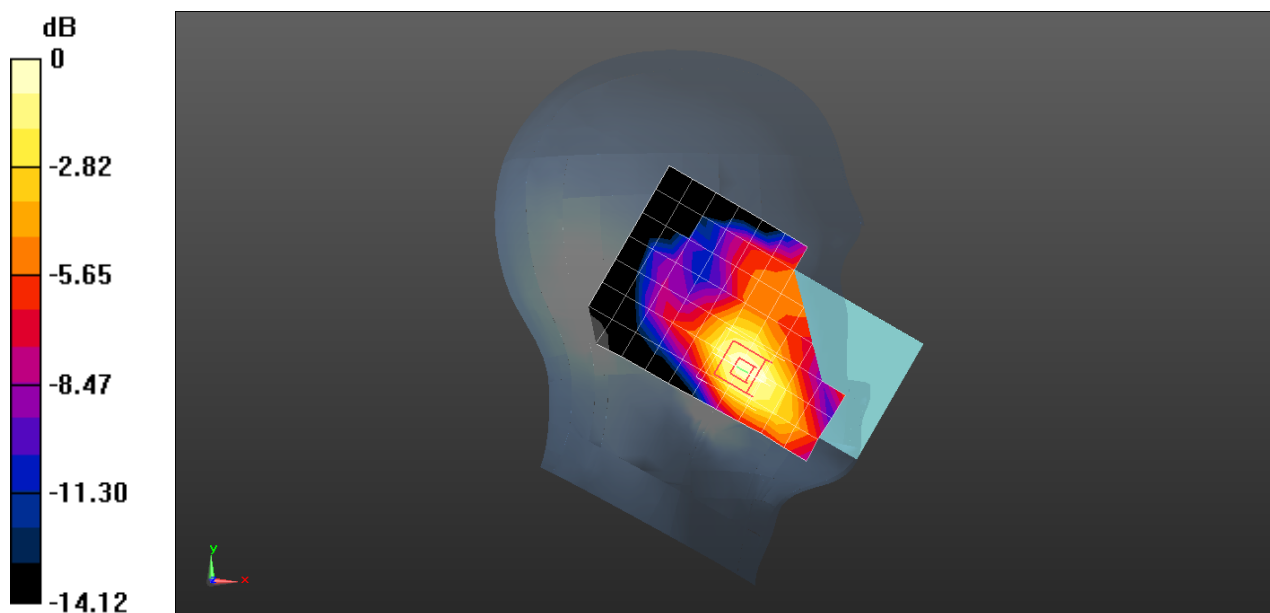
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.343 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band II 9538CH Front side 15mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.631$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.624 W/kg

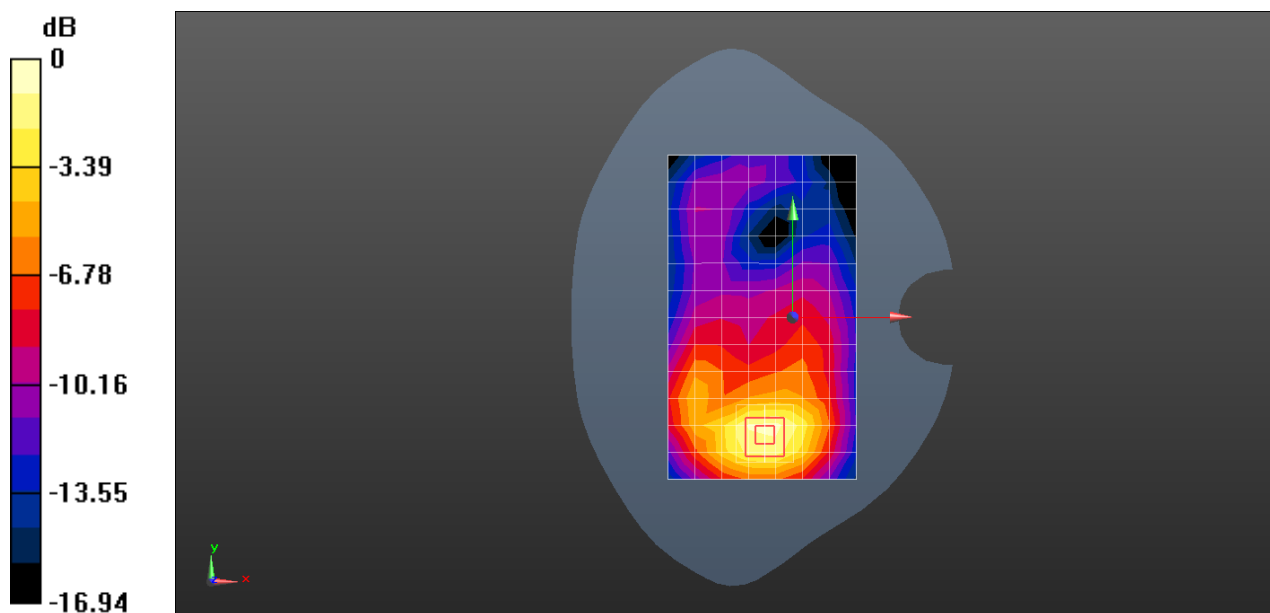
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.922 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 0.735 W/kg



0 dB = 0.735 W/kg = -1.34 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band II 9538CH Bottom side 10mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.631$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.03 W/kg

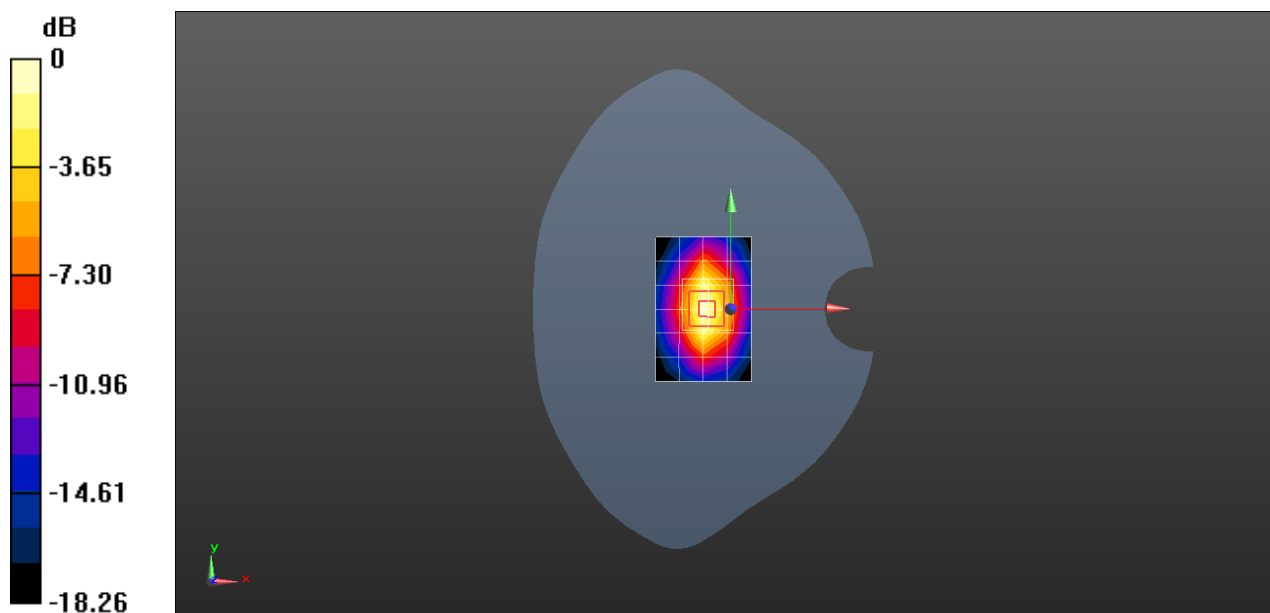
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.68 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.384 W/kg

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band II 9262CH Bottom side 0mm sensor on Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1900; Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.534$ S/m; $\epsilon_r = 53.152$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 5.87 W/kg

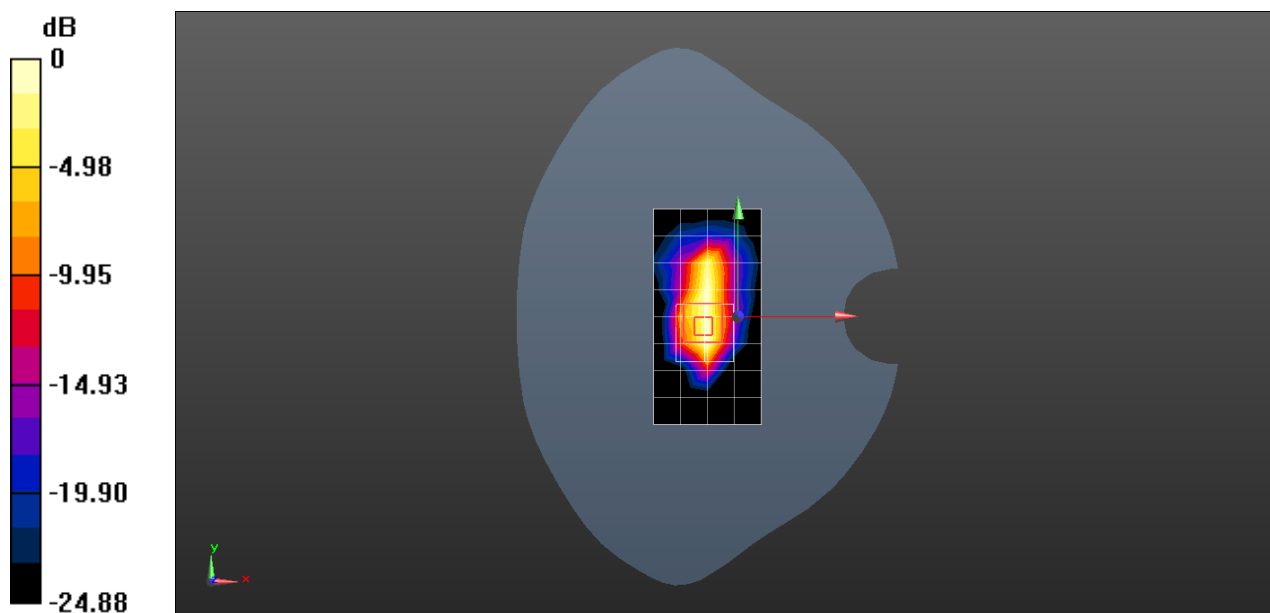
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 60.58 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 8.13 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.77 W/kg

Maximum value of SAR (measured) = 6.43 W/kg



0 dB = 6.43 W/kg = 8.08 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band II 9538CH Left tilted Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.369$ S/m; $\epsilon_r = 40.576$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.862 W/kg

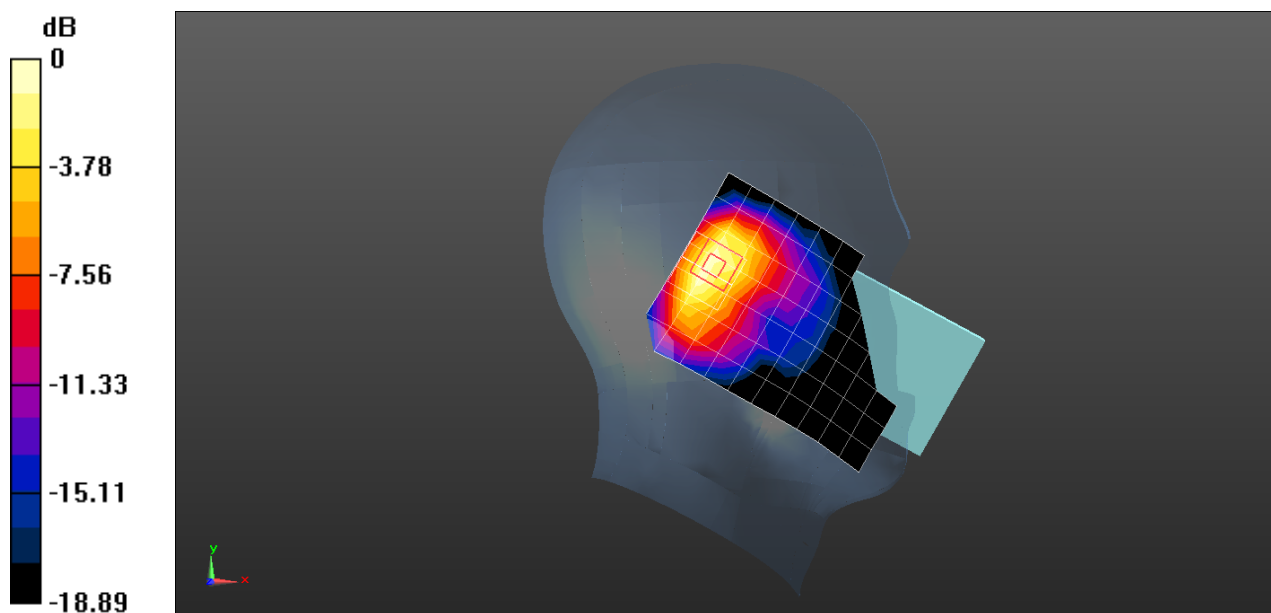
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.75 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 0.919 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band II 9538CH Back side 15mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.631$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.505 W/kg

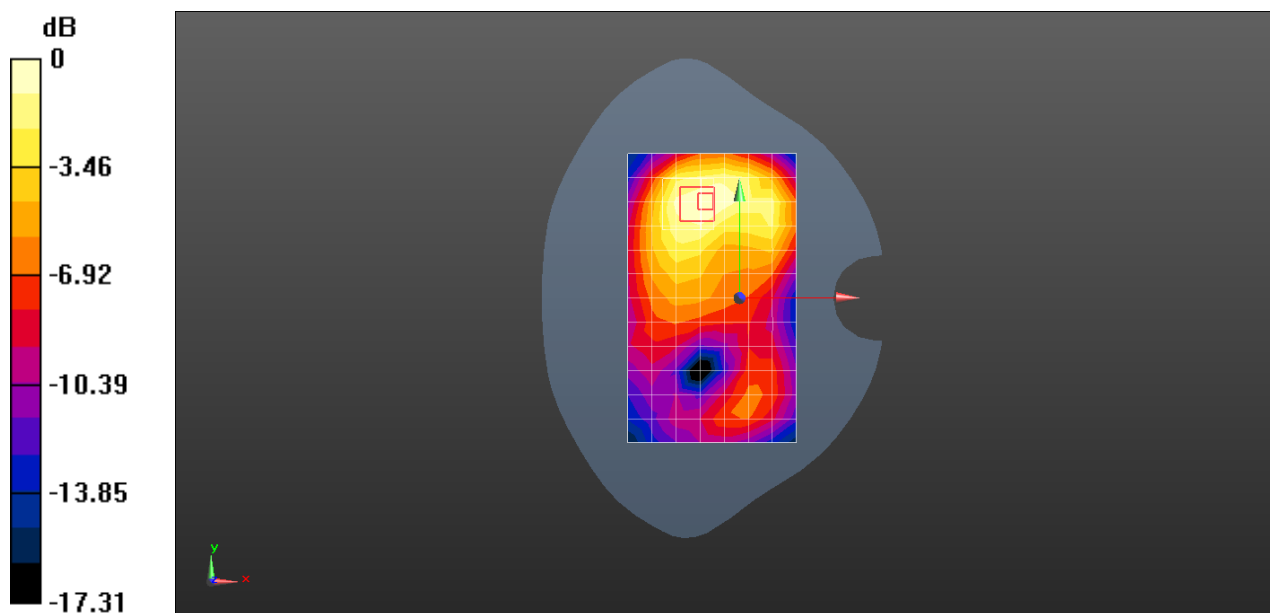
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.633 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.506 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band II 9538CH Top side 10mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.631$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.548 W/kg

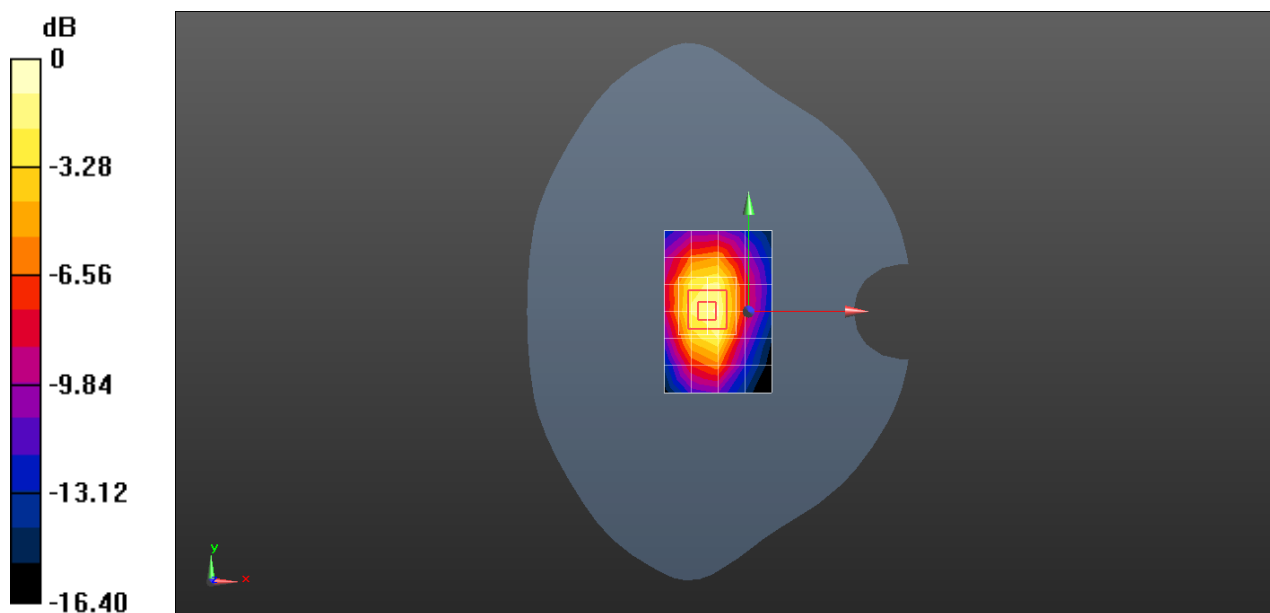
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.40 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.662 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band IV 1412CH Right cheek with Battery 2 Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000125

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

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.54, 8.54, 8.54); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

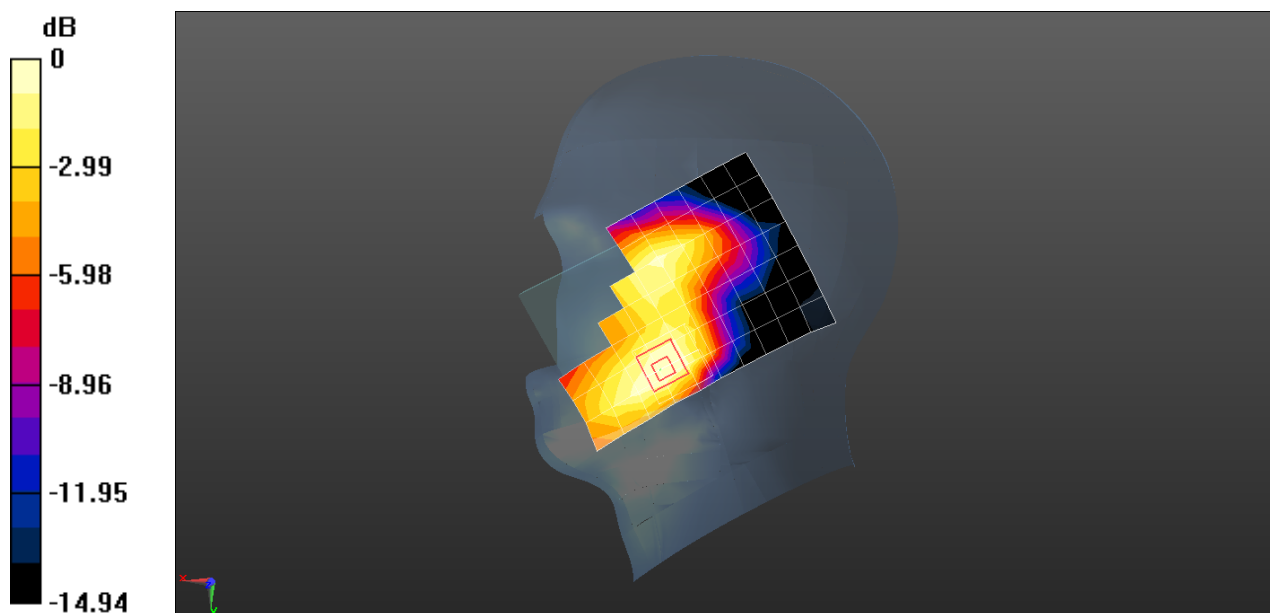
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.763 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band IV 1513CH Back side 15mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 54.49$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.332 W/kg

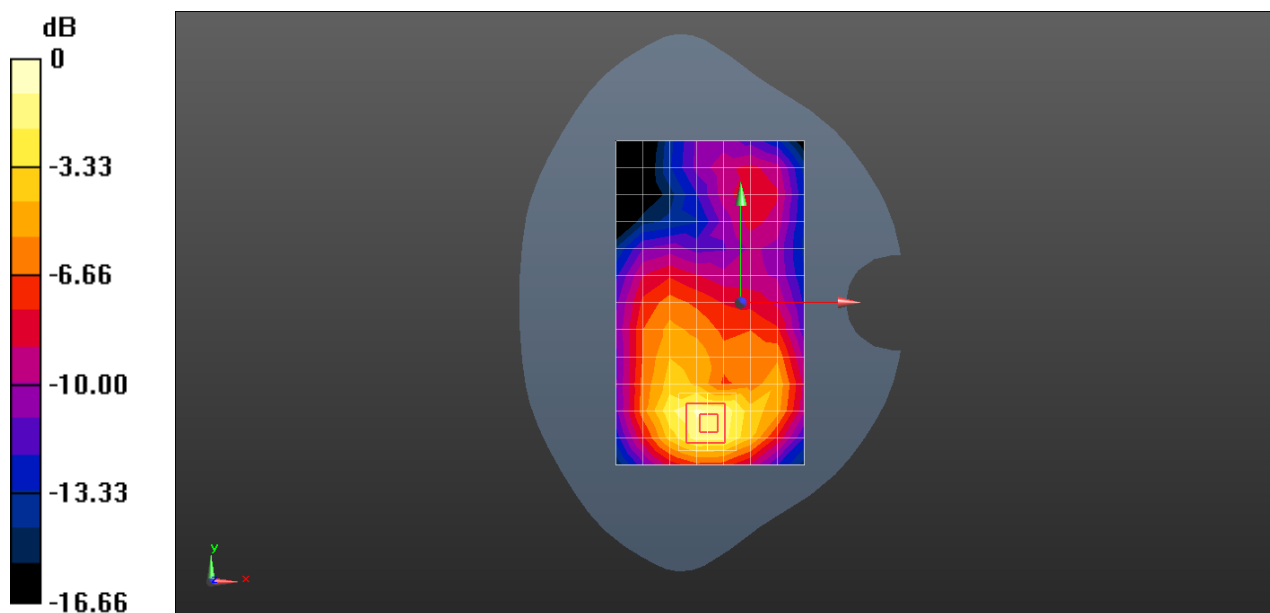
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.560 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.176 W/kg

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



0 dB = 0.409 W/kg = -3.88 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band IV 1412CH Bottom side 10mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000230

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

Medium: MSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 54.661$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.545 W/kg

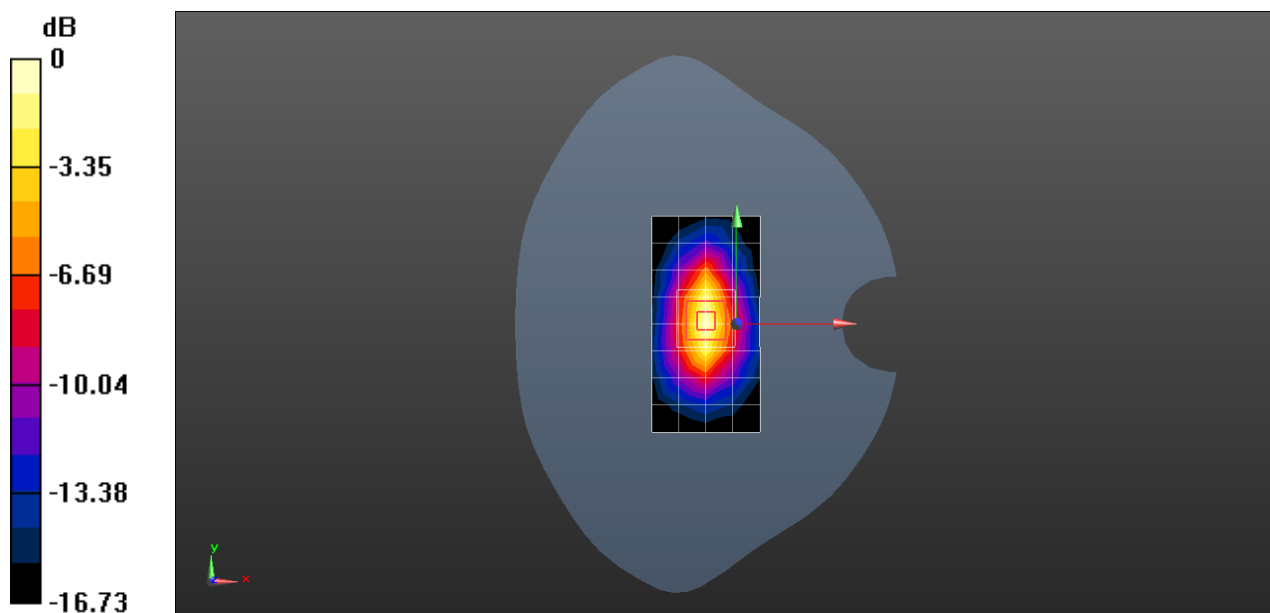
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.26 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.645 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.550 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band IV 1513CH Bottom side 0mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 54.49$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 5.03 W/kg

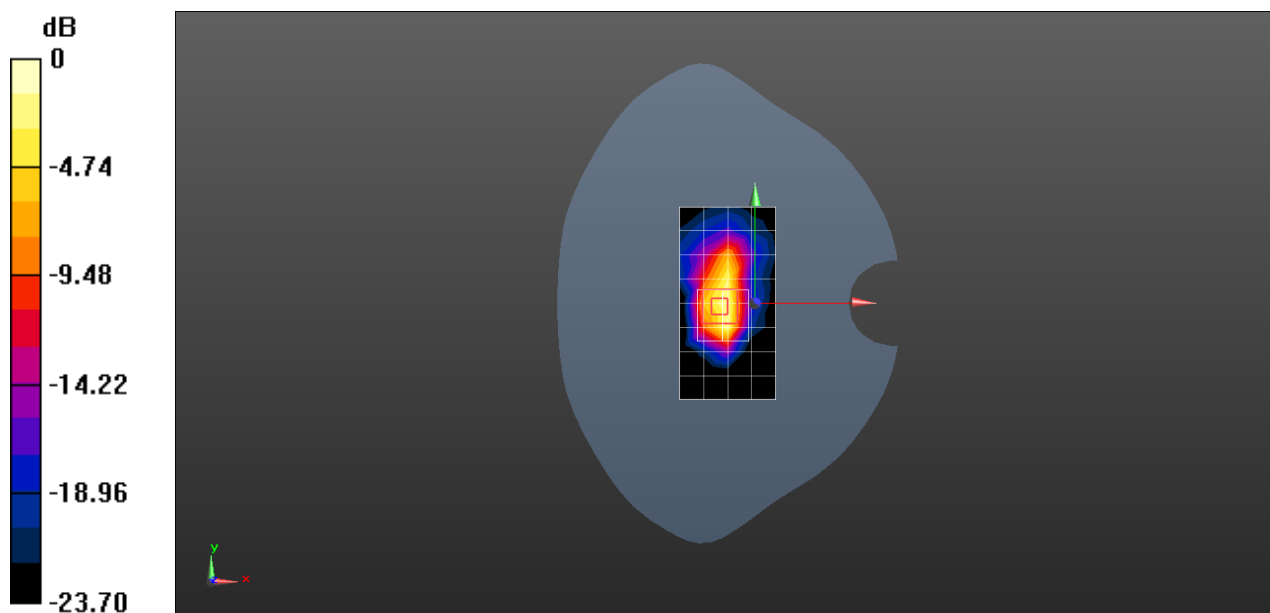
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 49.82 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 8.58 W/kg

SAR(1 g) = 4.29 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (measured) = 6.76 W/kg



0 dB = 6.76 W/kg = 8.30 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band IV 1412CH Left tilted Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.54, 8.54, 8.54); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.726 W/kg

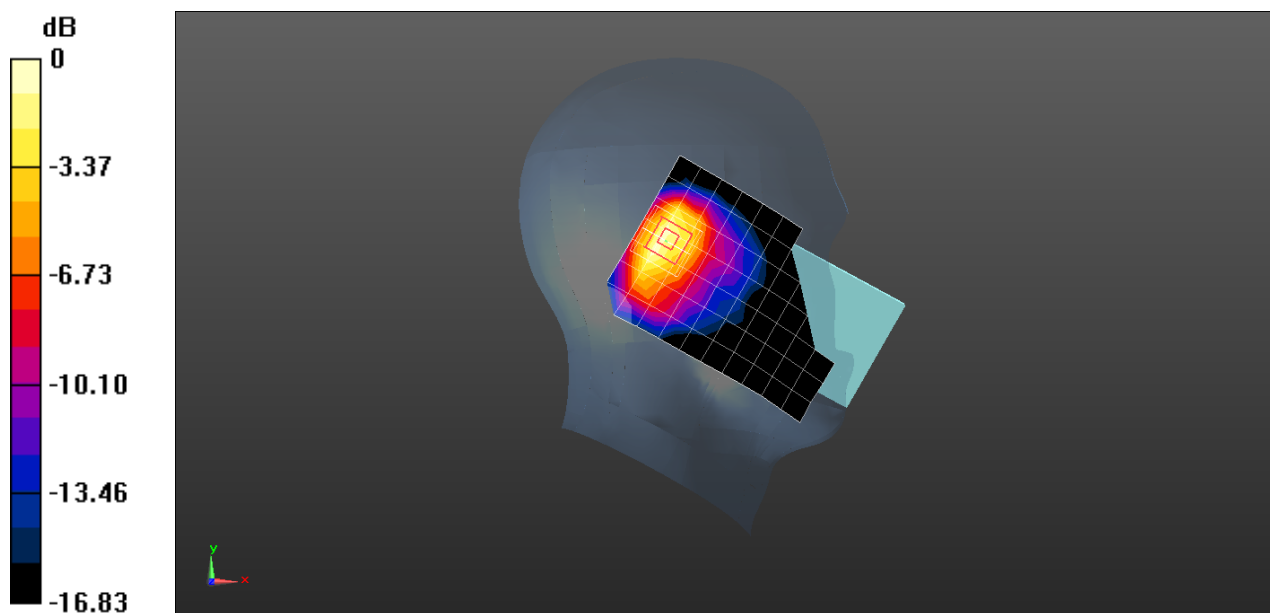
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.86 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.798 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band IV 1312CH Back side 15mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000230

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

Medium: MSL1750; Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 54.811$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.210 W/kg

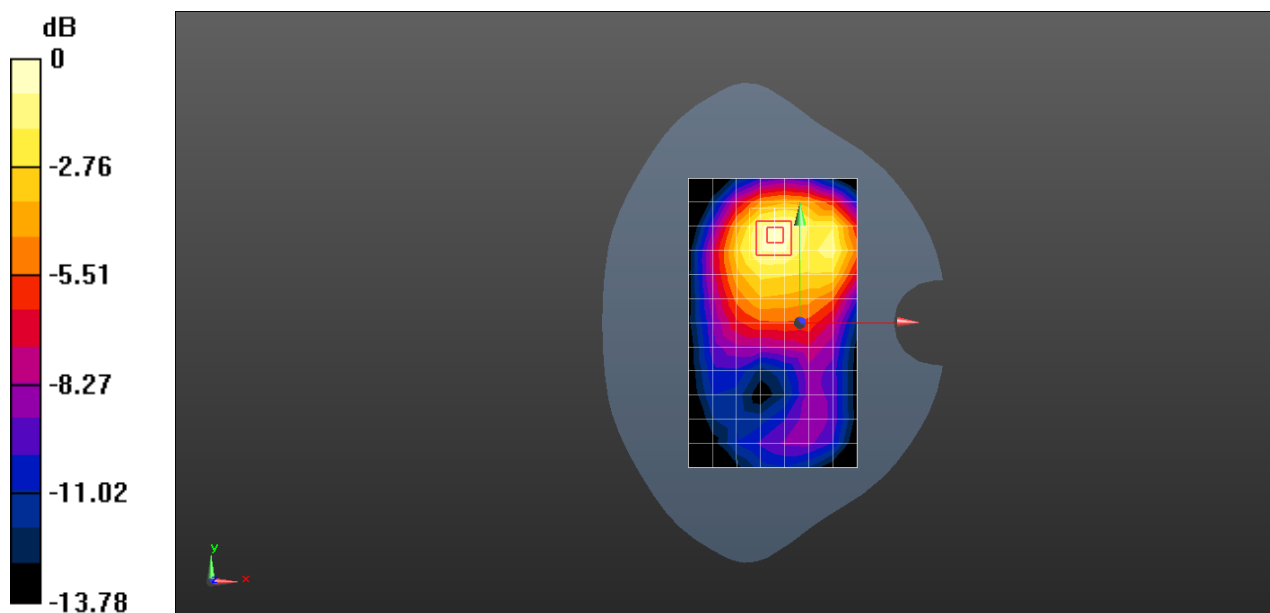
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.092 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.231 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band IV 1312CH Top side 10mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000230

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

Medium: MSL1750; Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 54.811$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.286 W/kg

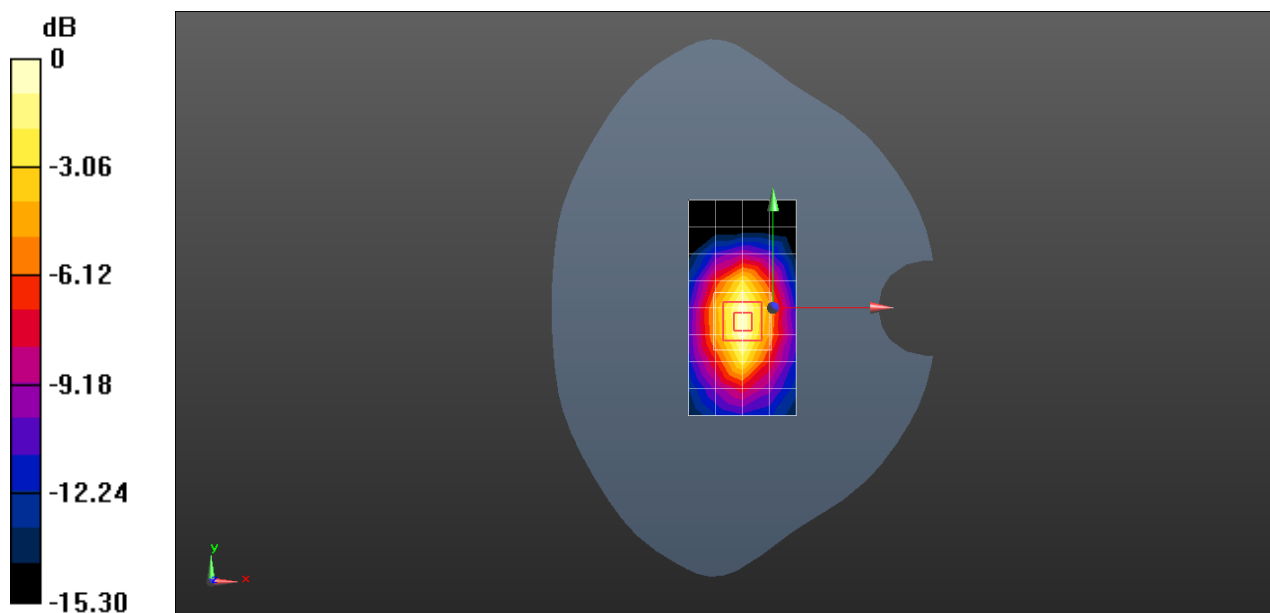
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.64 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.123 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band V 4233CH Right cheek Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL835; Medium parameters used: $f = 847$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 42.905$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.96, 9.96, 9.96); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.233 W/kg

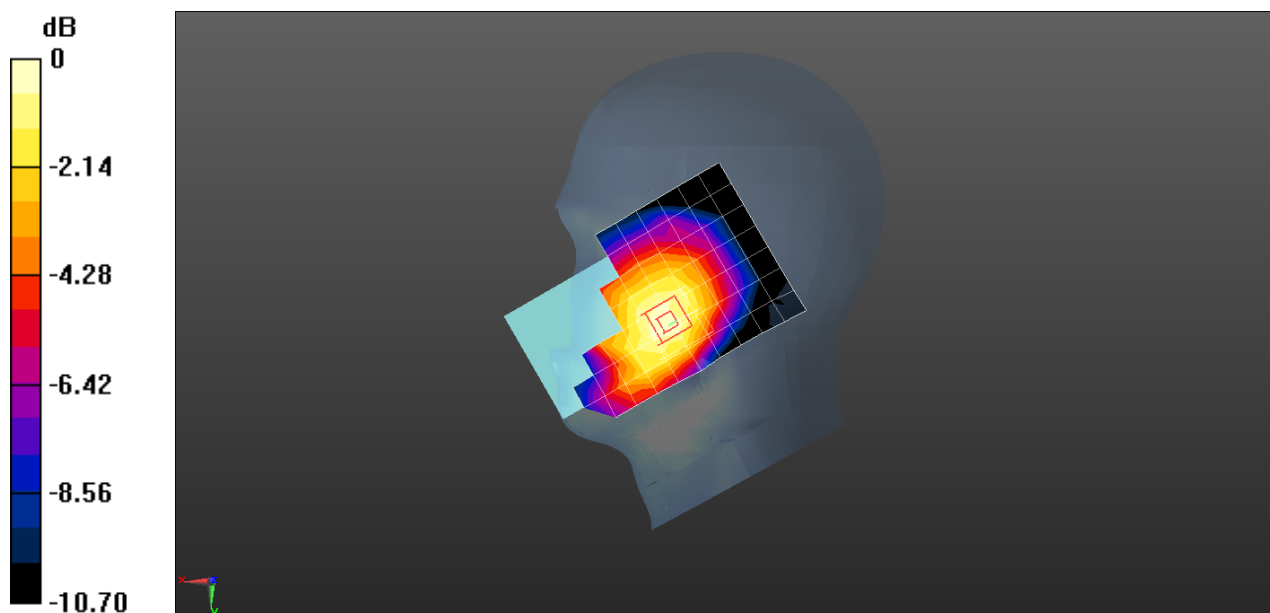
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.283 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.237 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band V 4182CH Back side 15mm with Battery 3 Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000122

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

Medium: MSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.39$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.416 W/kg

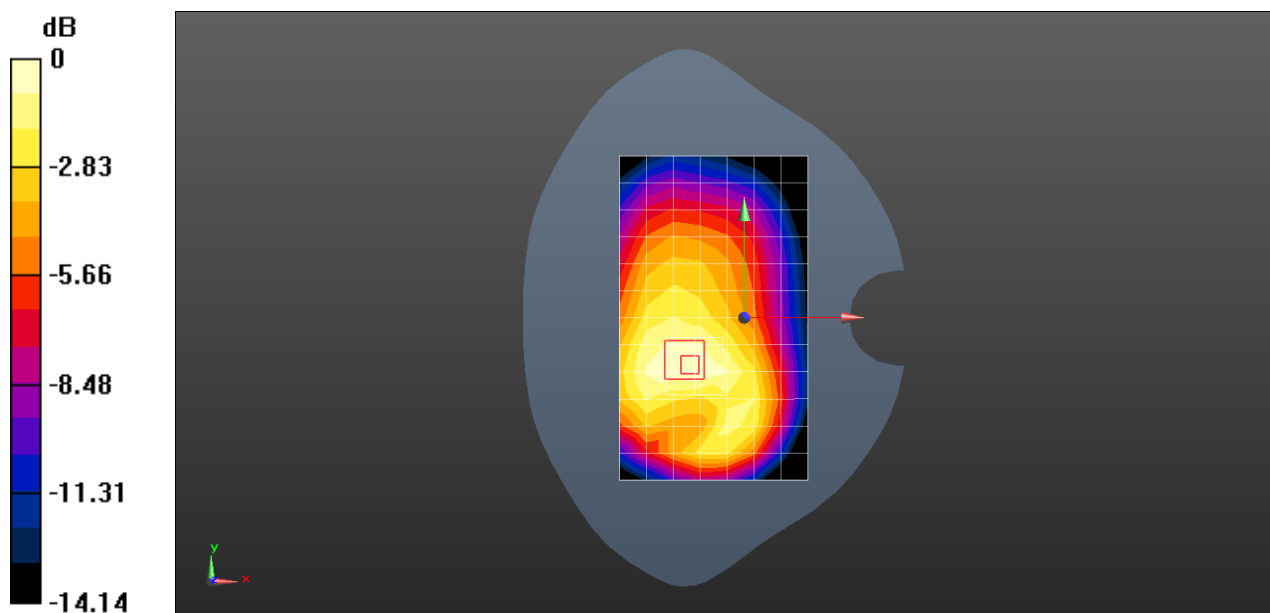
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.38 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band V 4233CH Back side 10mm with Battery 2 Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000125

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

Medium: MSL835; Medium parameters used: $f = 847$ MHz; $\sigma = 1.002$ S/m; $\epsilon_r = 56.339$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

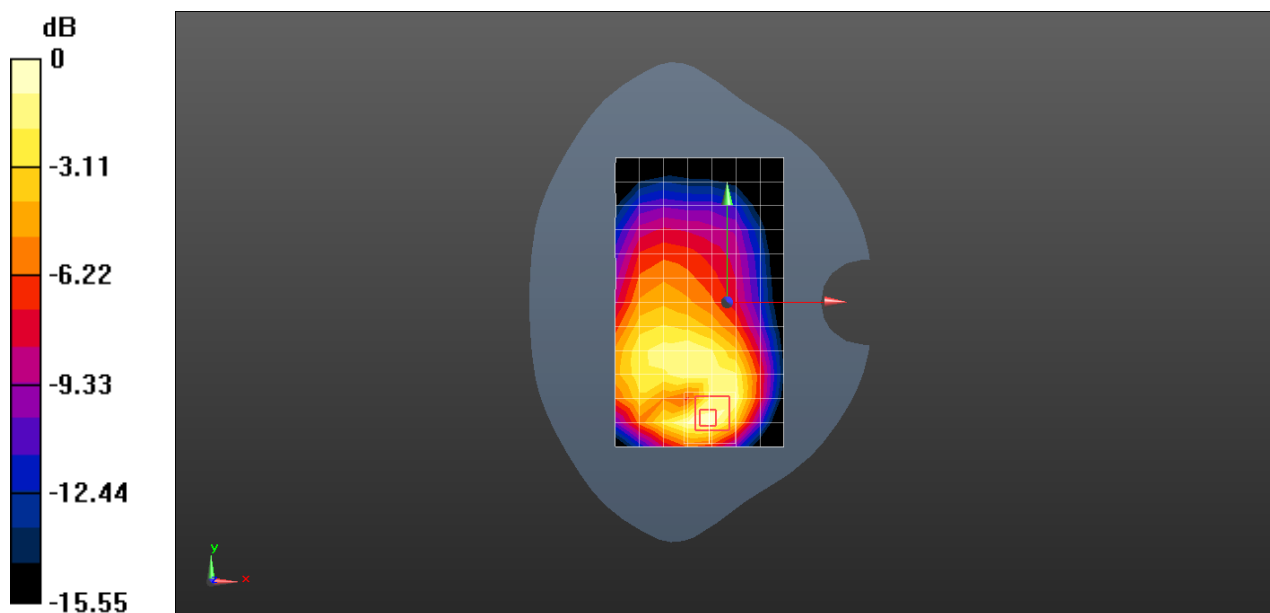
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.77 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.826 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band V 4233CH Left cheek Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL835; Medium parameters used: $f = 847$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 42.905$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.96, 9.96, 9.96); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- 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) = 0.572 W/kg

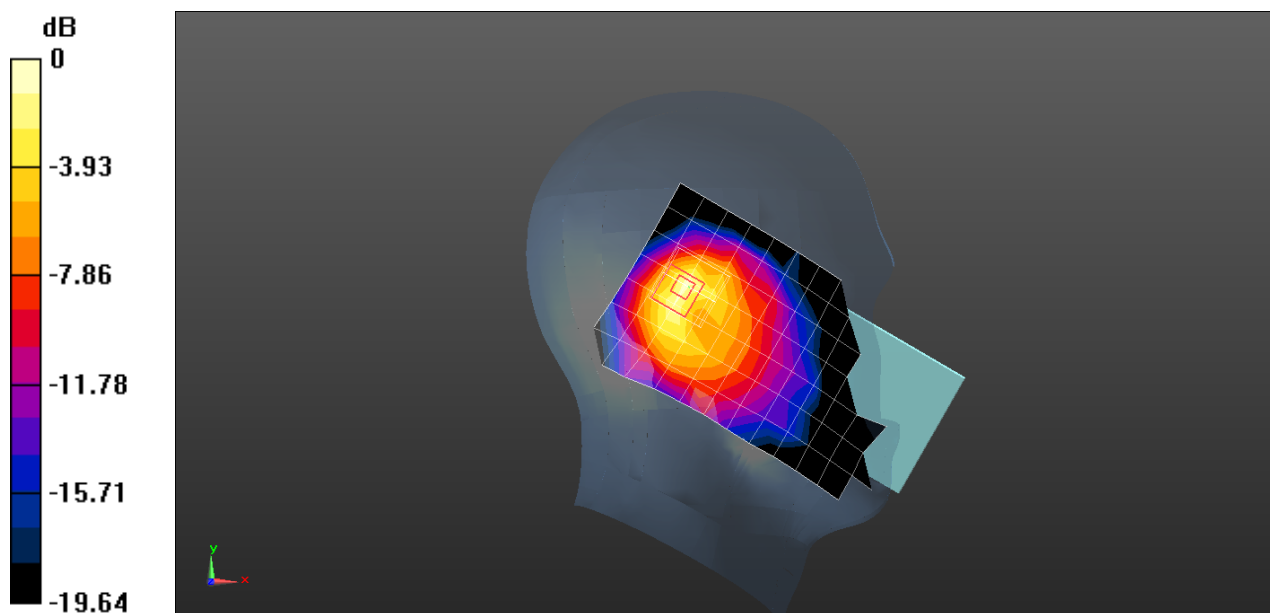
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.42 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.644 W/kg



0 dB = 0.644 W/kg = -1.91 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band V 4132CH Back side 15mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL835; Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 56.444$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.211 W/kg

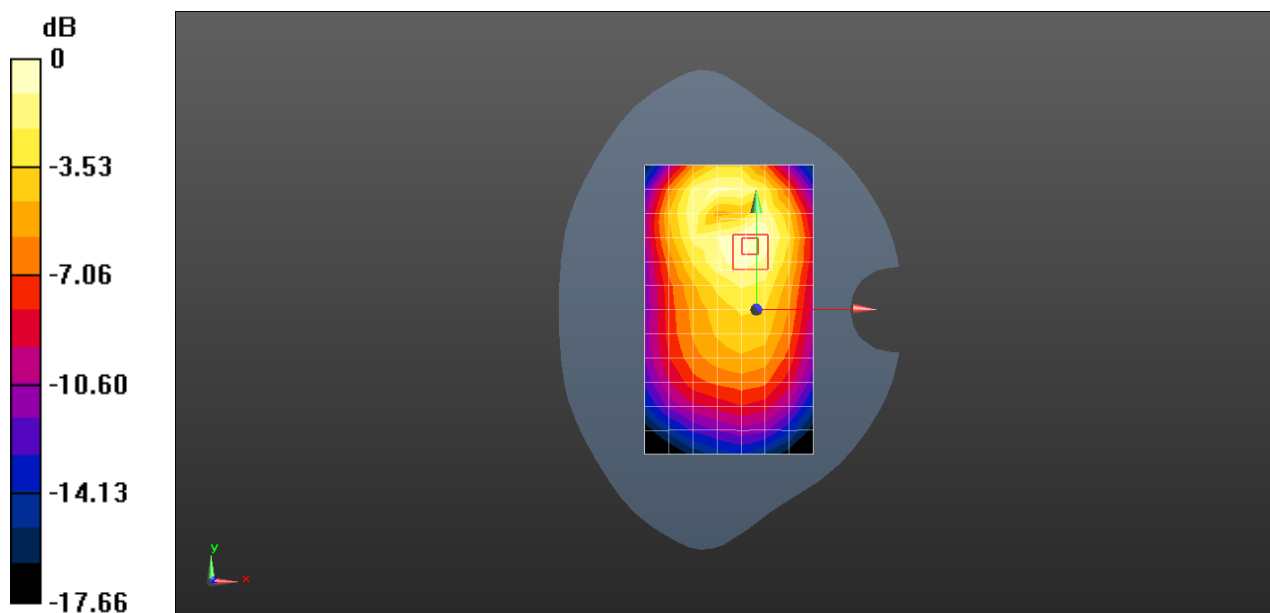
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.945 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.224 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WCDMA Band V 4182CH Front side 10mm with Battery 3 Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000122

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

Medium: MSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.39$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.242 W/kg

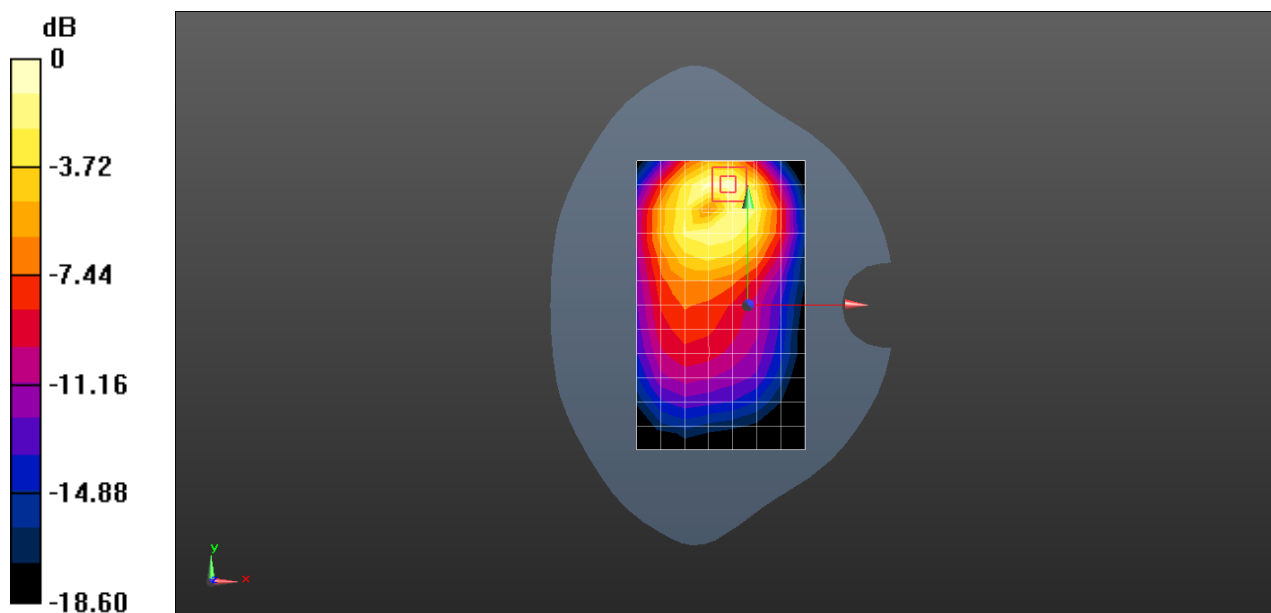
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.623 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.087 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 2 20M QPSK 1RB0 18700CH Left Cheek Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL1900; Medium parameters used: $f = 1860$ MHz; $\sigma = 1.352$ S/m; $\epsilon_r = 40.716$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

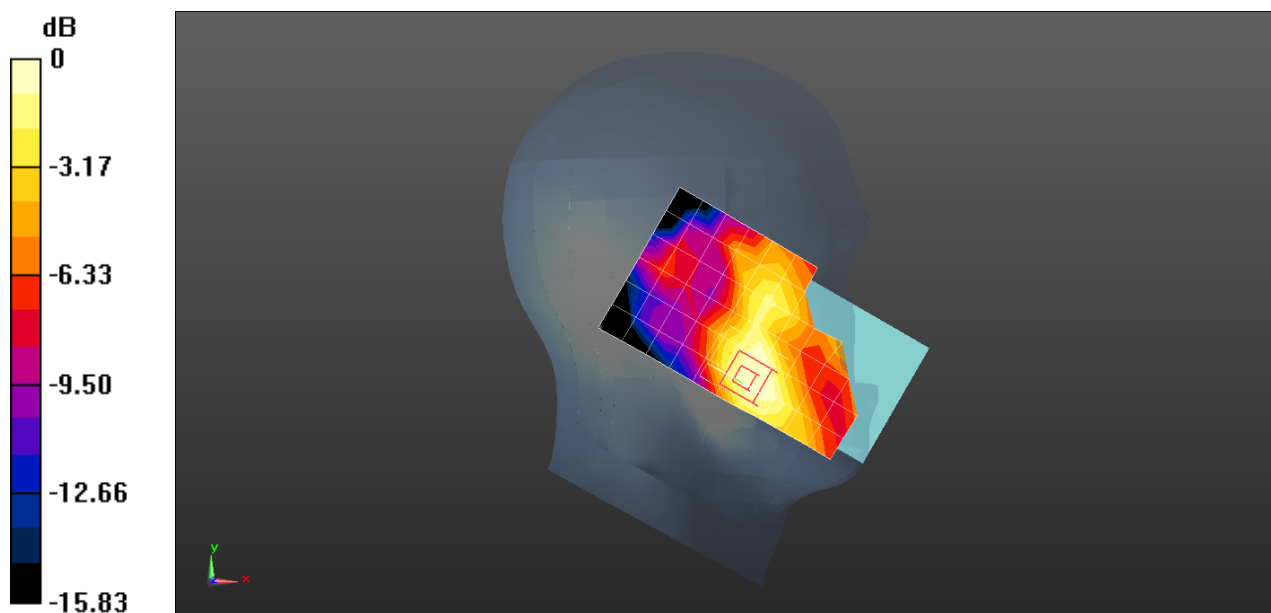
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.262 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 2 20M QPSK 1RB0 19100CH Back side 15mm Ant1

DUT: CLT-04; Type: Smart Phone; Serial: DXU0218211000122

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

Medium: MSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 52.531$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

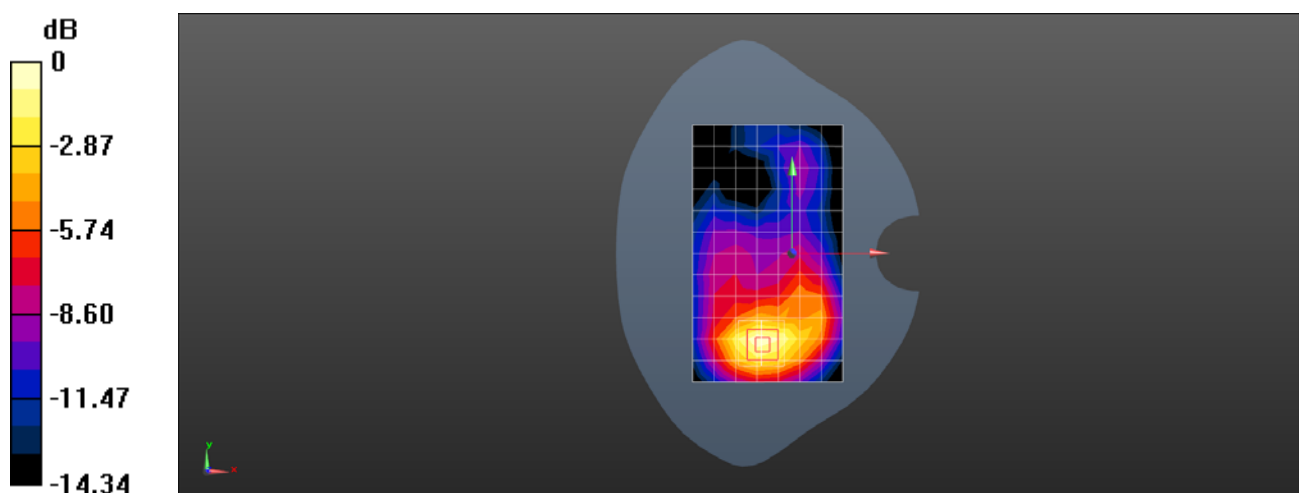
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.582 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.352 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 2 20M QPSK 50RB0 19100CH Bottom side 10mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.499$ S/m; $\epsilon_r = 52.651$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 1.22 W/kg

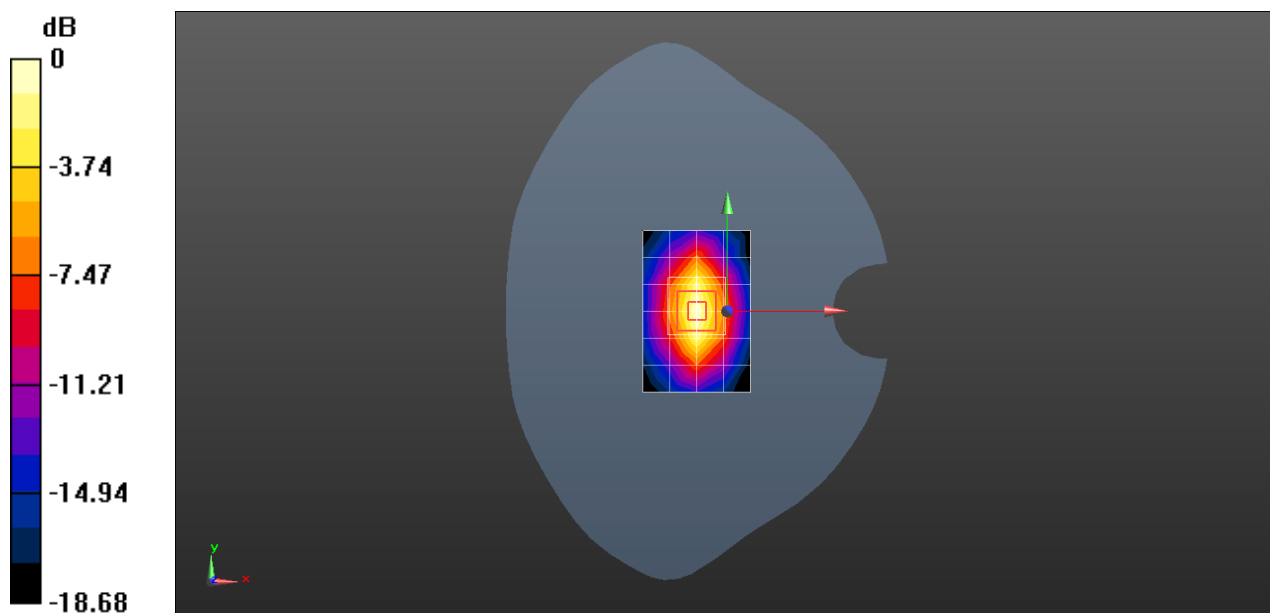
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.40 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.425 W/kg

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



0 dB = 1.20 W/kg = 0.79 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 2 20M QPSK 100RB0 18900CH Bottom side 0mm sensor on Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000230

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

Medium: MSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 52.697$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 6.30 W/kg

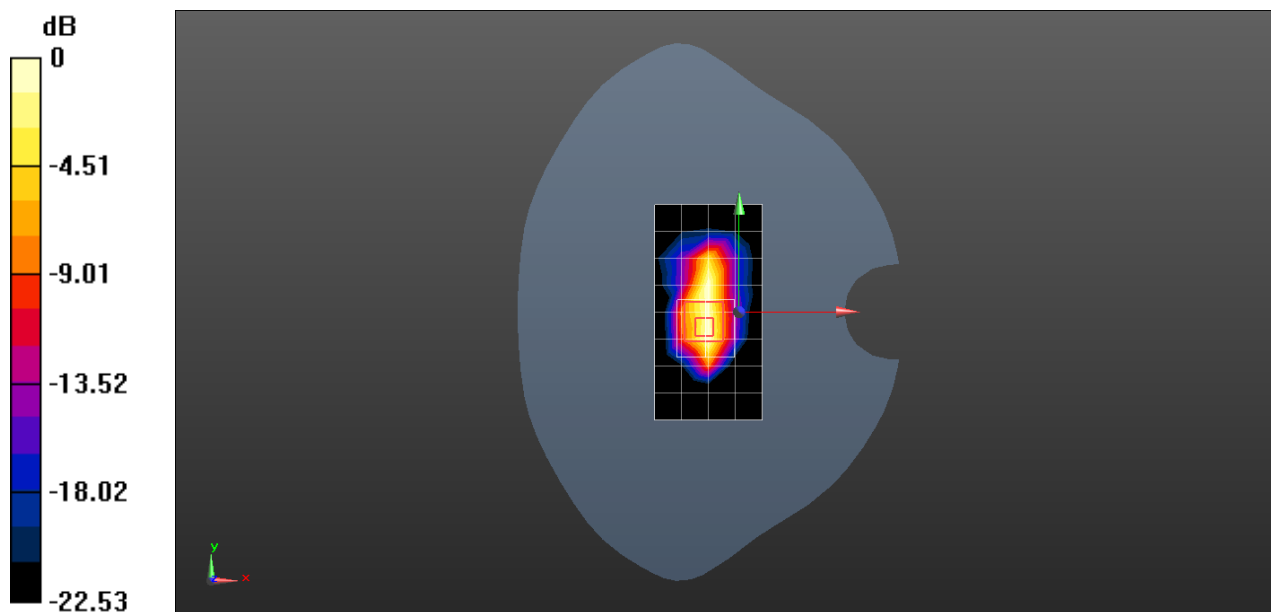
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 59.14 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 8.11 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.77 W/kg

Maximum value of SAR (measured) = 6.21 W/kg



0 dB = 6.21 W/kg = 7.93 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 2 20M QPSK 50RB0 19100CH Left tilted Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.26, 8.26, 8.26); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.894 W/kg

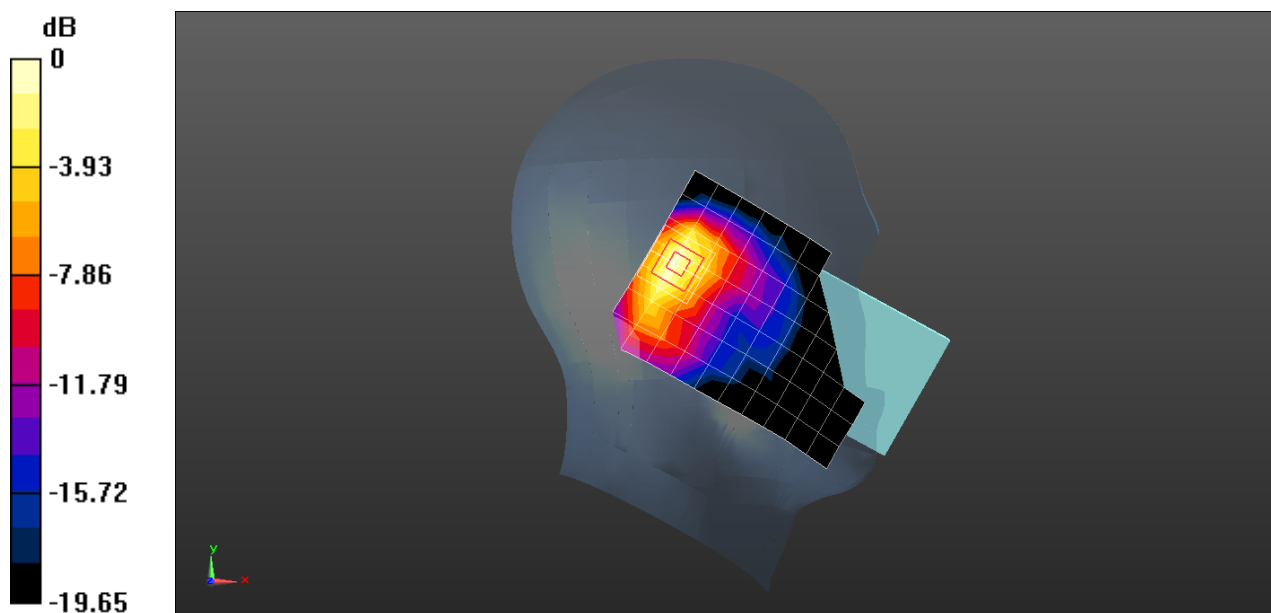
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.91 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.365 W/kg

Maximum value of SAR (measured) = 0.958 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 2 20M QPSK 1RB0 19100CH Back side 15mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.499$ S/m; $\epsilon_r = 52.651$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.445 W/kg

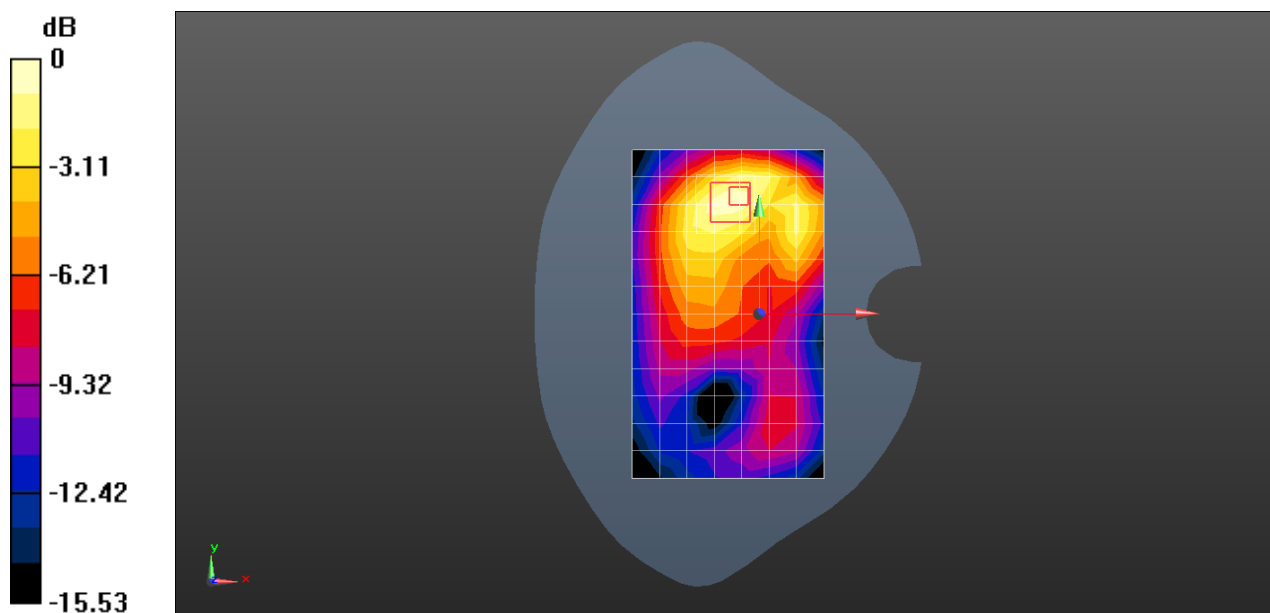
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.015 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 2 20M QPSK 1RB0 19100CH Top side 10mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.499$ S/m; $\epsilon_r = 52.651$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.28, 7.28, 7.28); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.518 W/kg

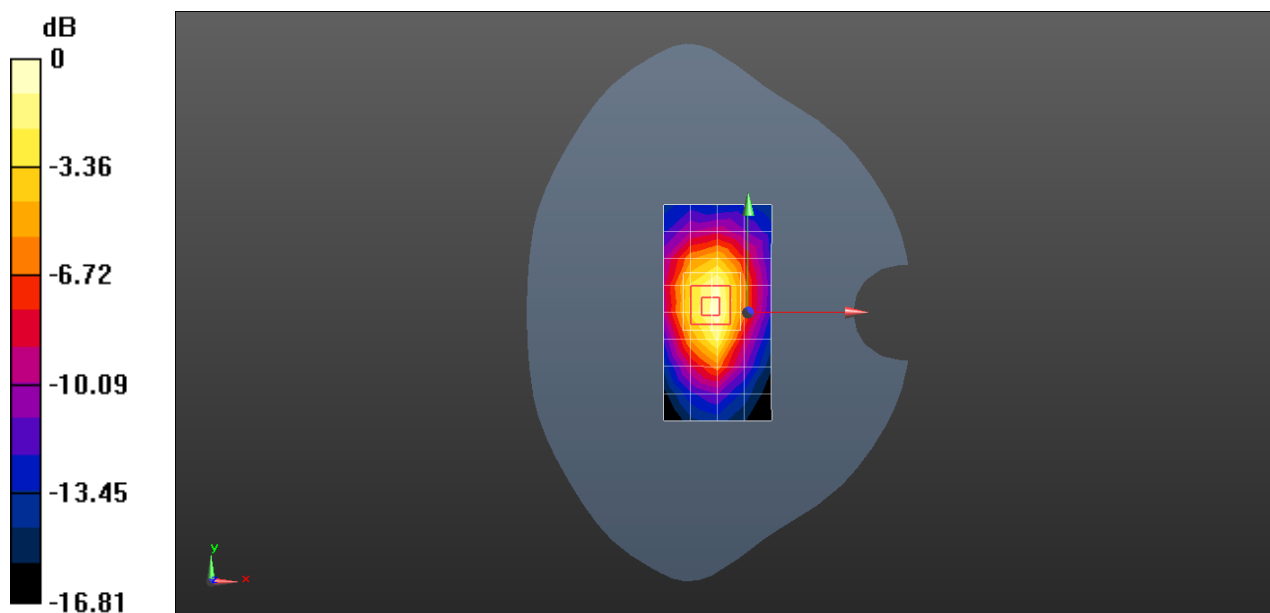
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.81 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.548 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 4 20M QPSK 1RB0 20300CH Left cheek Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 39.563$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.54, 8.54, 8.54); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.155 W/kg

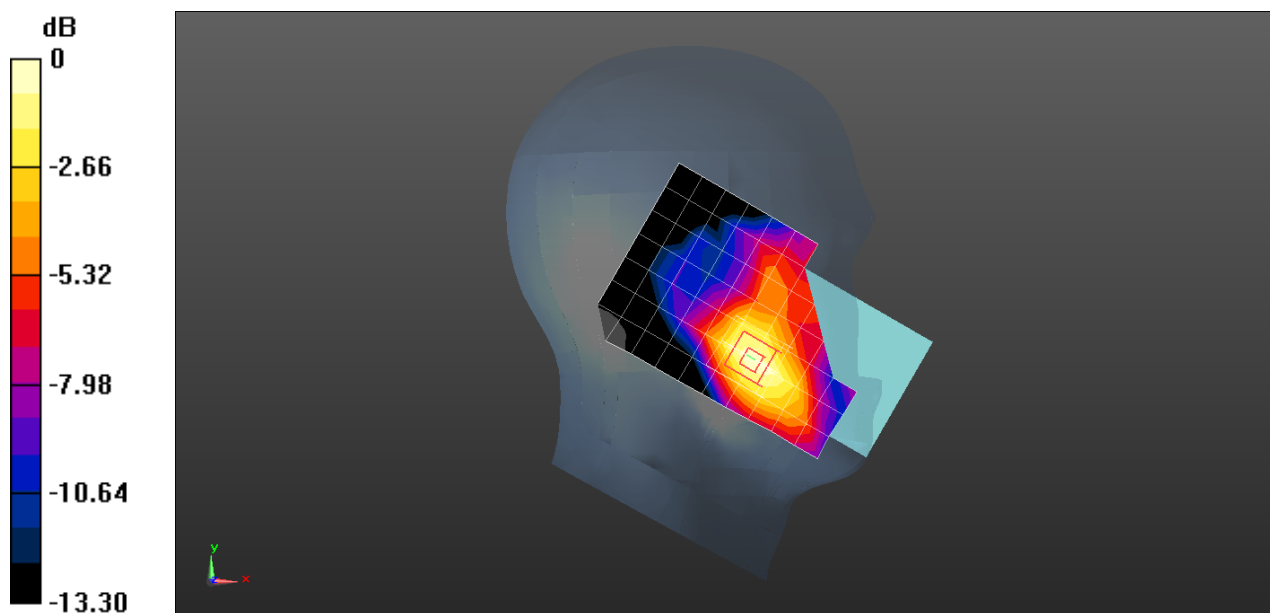
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.276 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.152 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 4 20M QPSK 1RB0 20300CH Front side 15mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.434$ S/m; $\epsilon_r = 54.554$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.446 W/kg

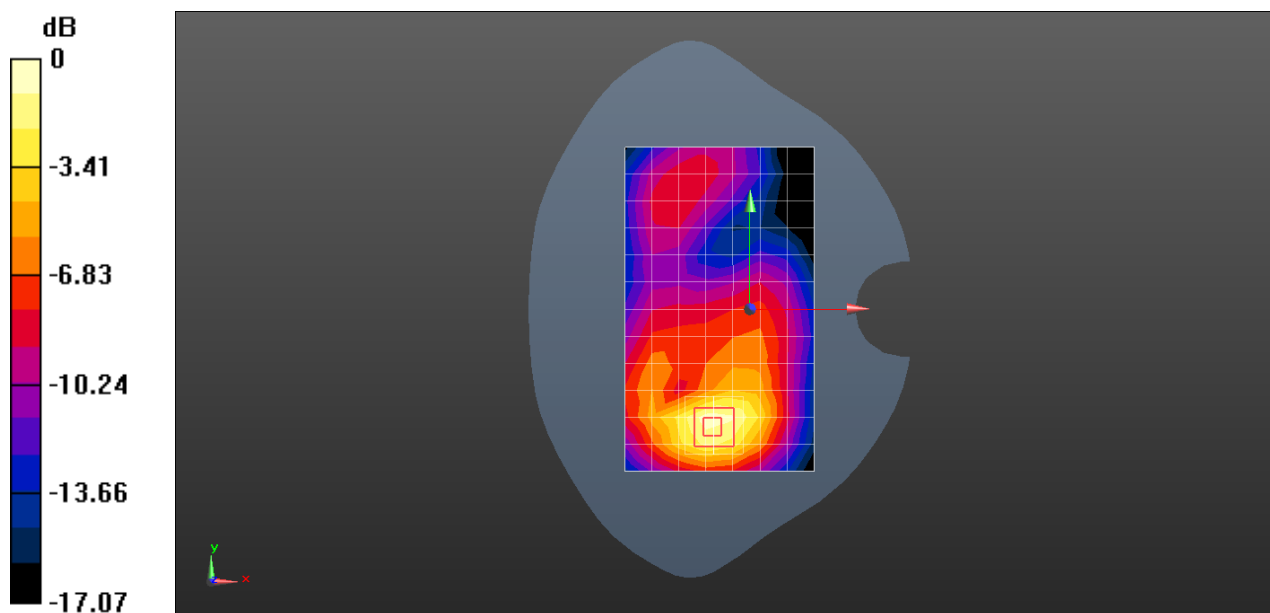
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.491 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 4 20M QPSK 50RB0 20300CH Bottom side 10mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.434$ S/m; $\epsilon_r = 54.554$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

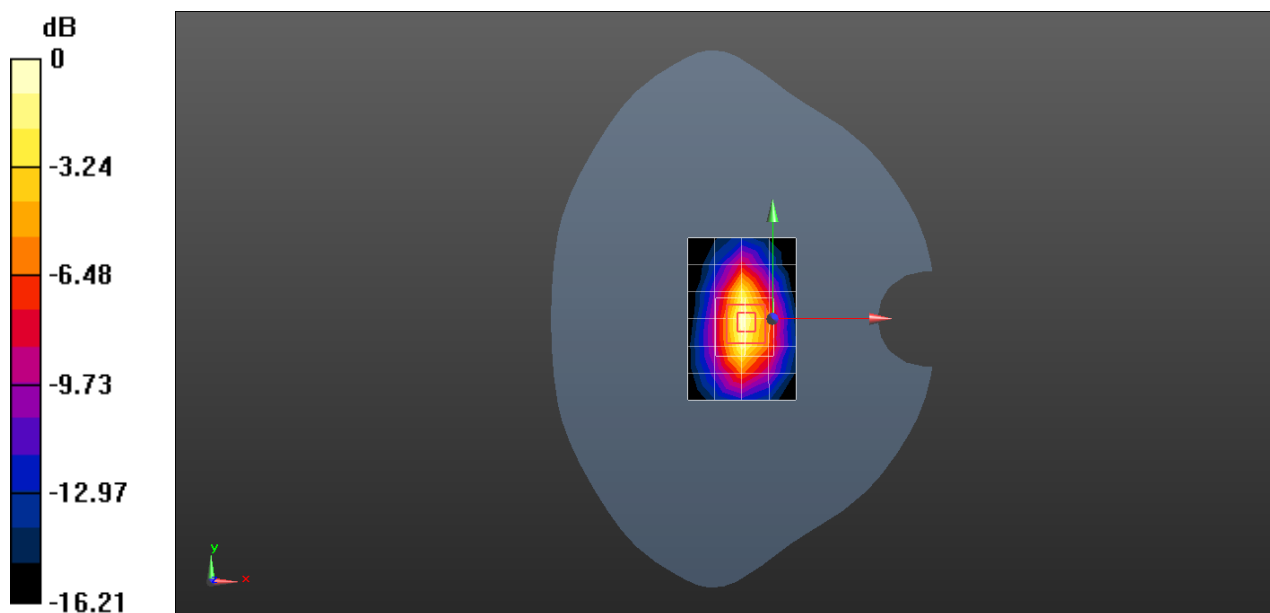
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.30 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.591 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 4 20M QPSK 1RB0 20300CH Bottom side 0mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.434$ S/m; $\epsilon_r = 54.554$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 6.55 W/kg

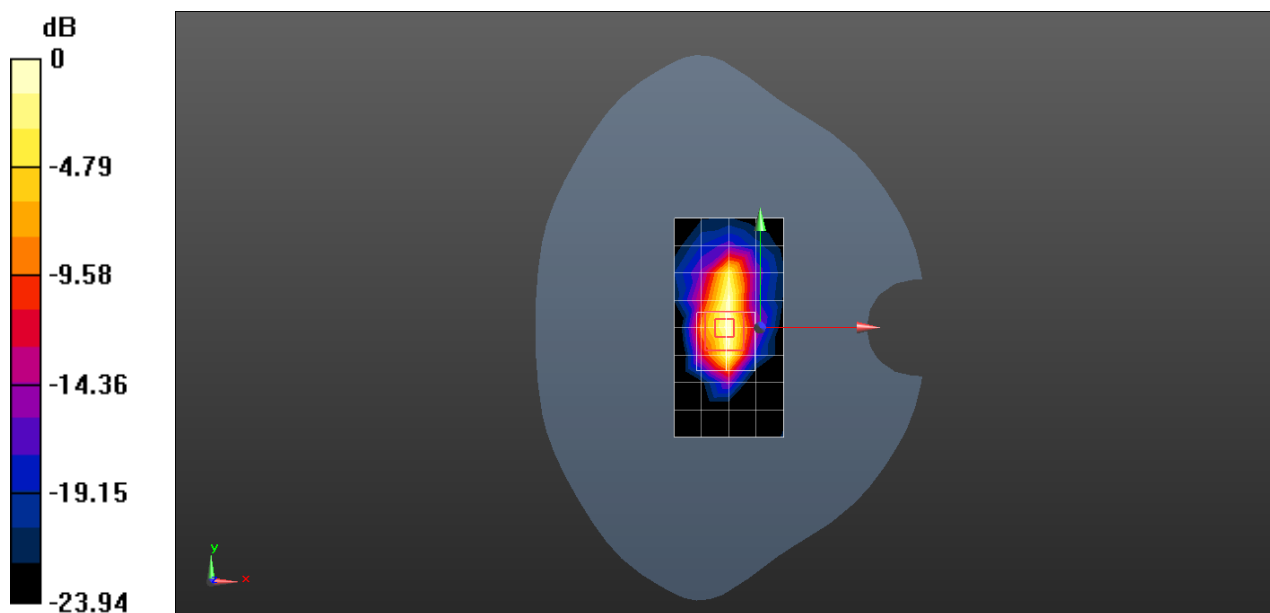
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 54.18 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 8.40 W/kg

SAR(1 g) = 4.34 W/kg; SAR(10 g) = 2.06 W/kg

Maximum value of SAR (measured) = 7.01 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 4 20M QPSK 1RB0 20175CH Left tilted Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

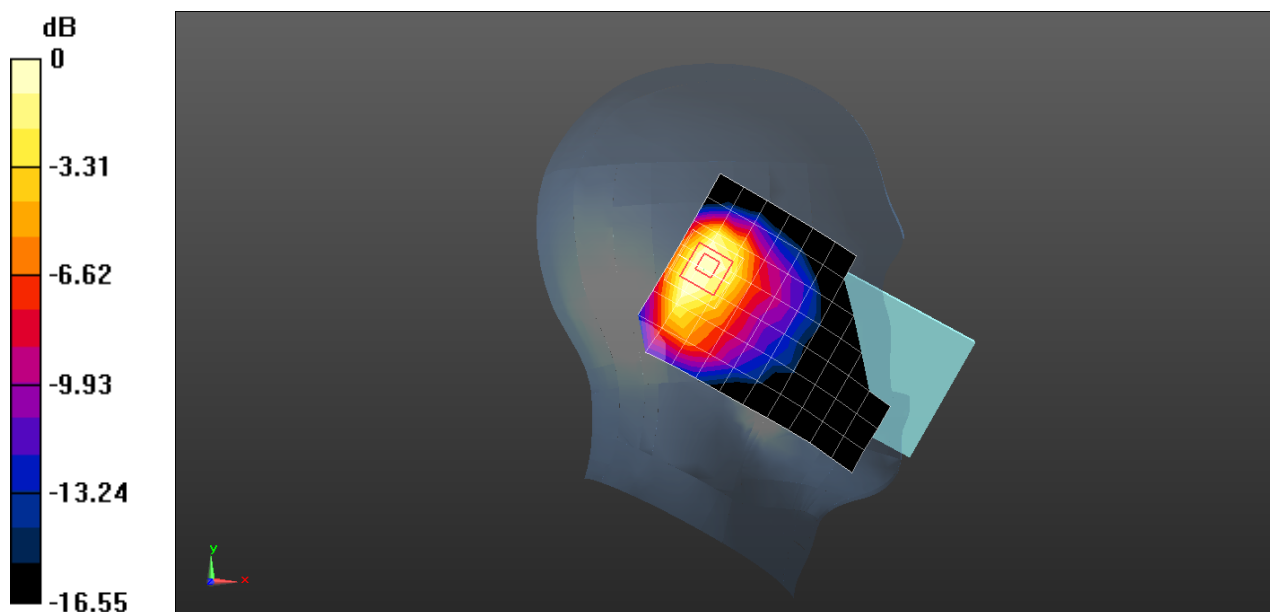
Medium: HSL1750; Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.54, 8.54, 8.54); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.07 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 25.08 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.999 W/kg
SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.361 W/kg
Maximum value of SAR (measured) = 0.862 W/kg



0 dB = 0.862 W/kg = -0.64 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 4 20M QPSK 1RB0 20175CH Back side 15mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000230

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

Medium: MSL1750; Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 54.661$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.341 W/kg

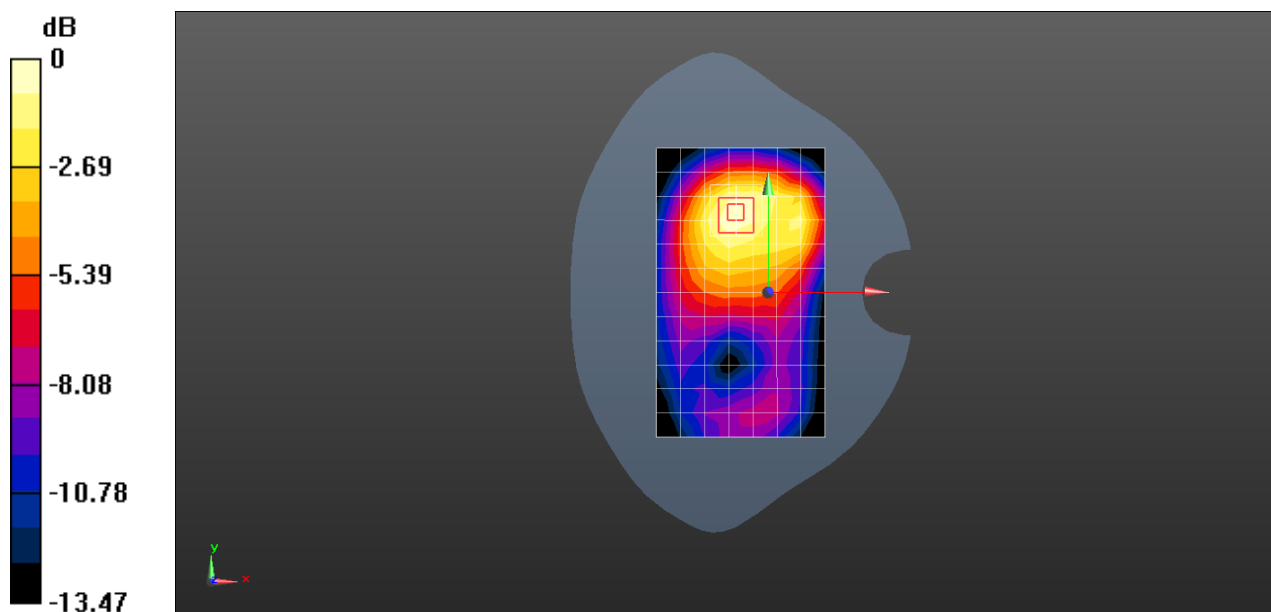
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.398 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 4 20M QPSK 50RB0 20300CH Top side 10mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000230

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

Medium: MSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.434$ S/m; $\epsilon_r = 54.554$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.54, 7.54, 7.54); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.338 W/kg

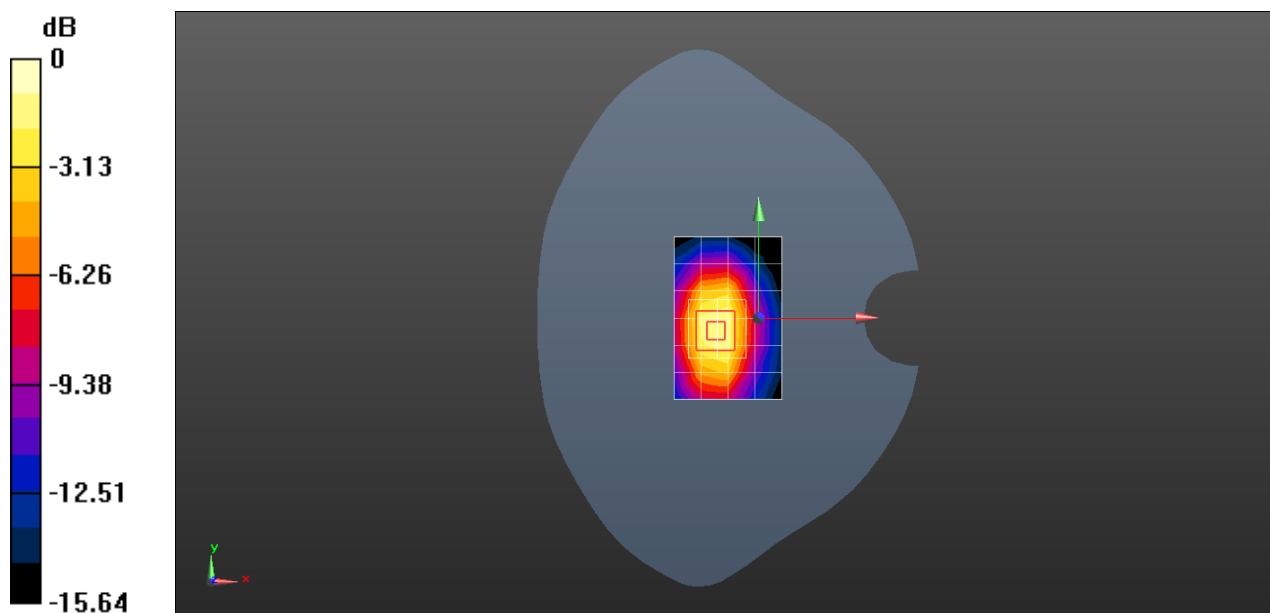
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.87 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.179 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

CLT-L04 LTE Band 5 10M QPSK 1RB0 20600CH Right cheek Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL835; Medium parameters used: $f = 844$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.922$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.96, 9.96, 9.96); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

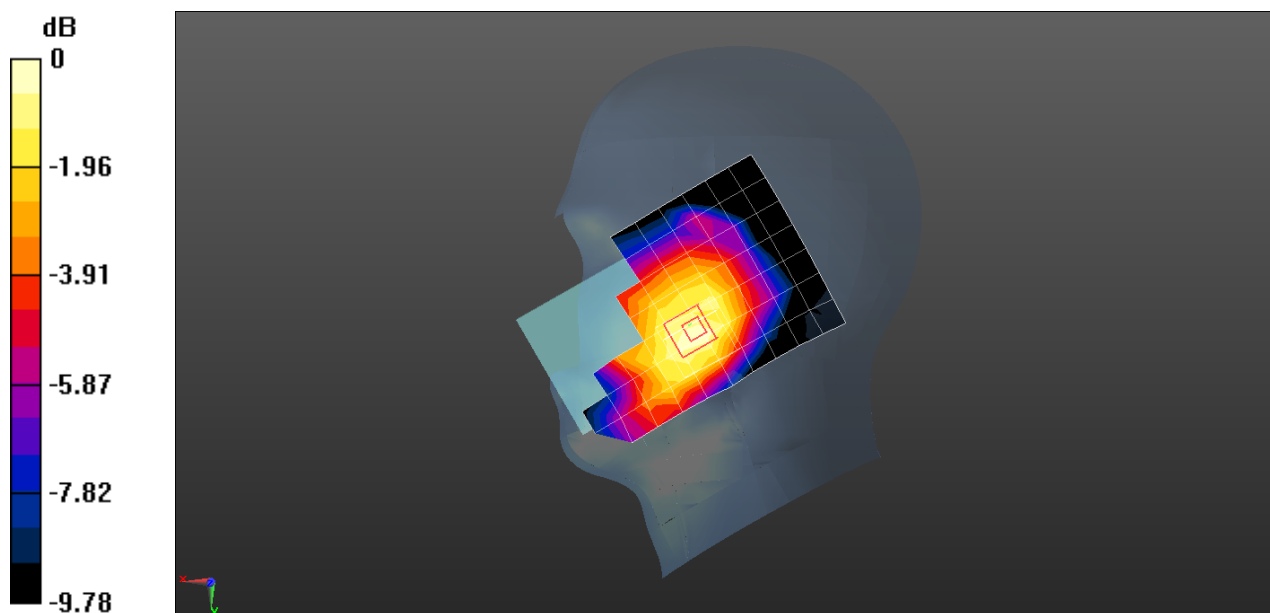
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.107 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.138 W/kg

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



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

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 5 10M QPSK 1RB0 20600CH Back side 15mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL835; Medium parameters used: $f = 844$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 56.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.360 W/kg

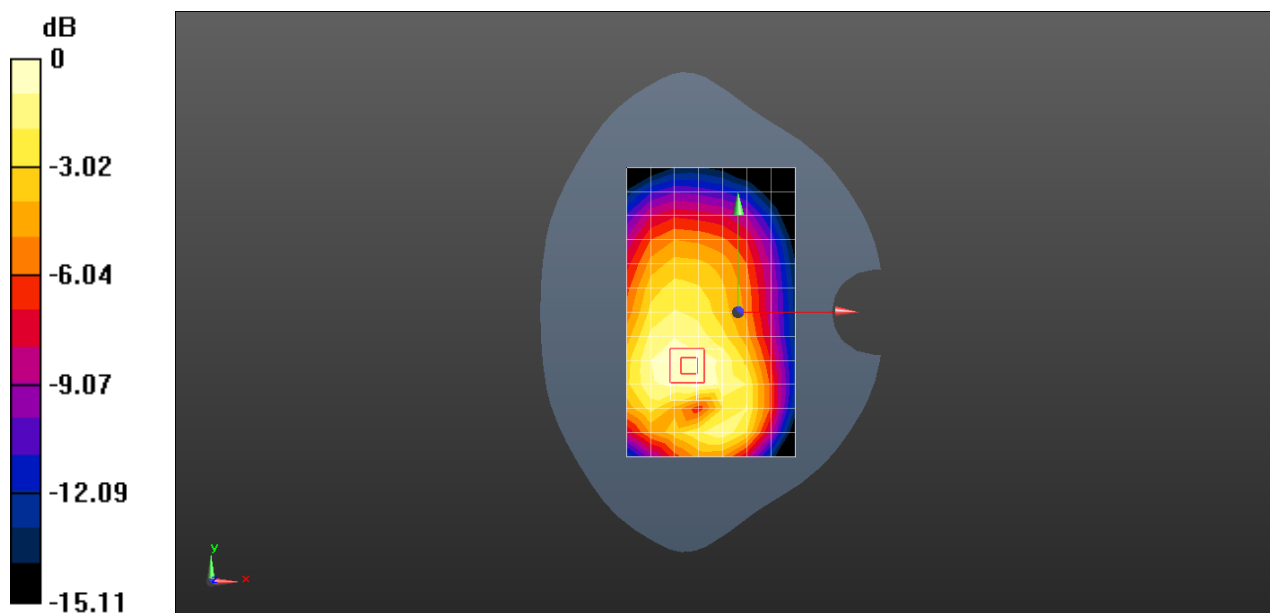
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.52 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.383 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 5 10M QPSK 1RB0 20450CH Back side 10mm Ant1

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL835; Medium parameters used: $f = 829$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 56.429$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.557 W/kg

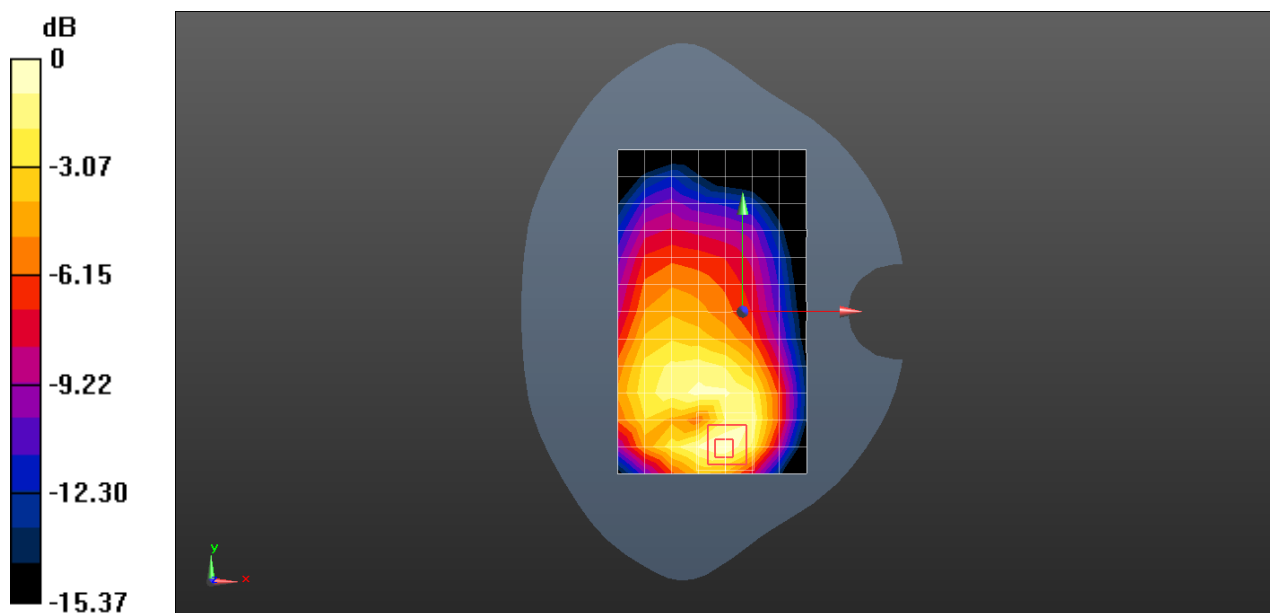
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.552 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 5 10M QPSK 25RB0 20450CH Left cheek Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU0218211000205

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

Medium: HSL835; Medium parameters used: $f = 829$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 43.014$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.96, 9.96, 9.96); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- 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) = 0.857 W/kg

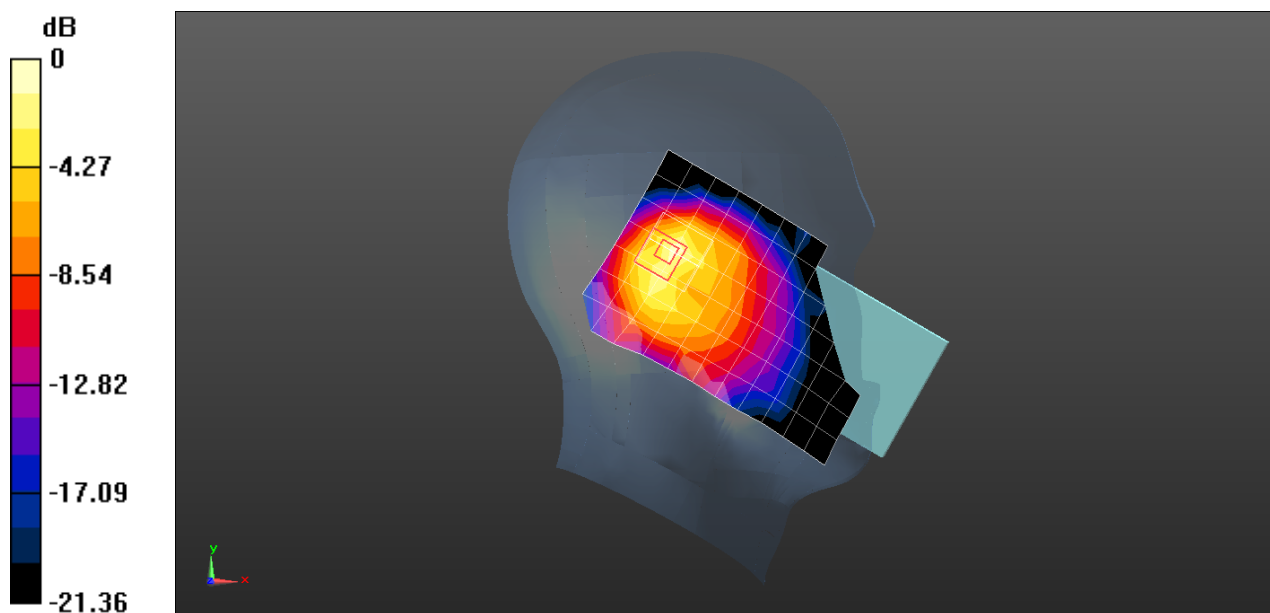
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.75 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.923 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 5 10M QPSK 1RB0 20525CH Front side 15mm Ant2

DUT: CLT-L04; Type: Smart Phone; Serial: DXU7N18306000036

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

Medium: MSL835; Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.389$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.84, 8.84, 8.84); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial:1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.237 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 9.079 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.235 W/kg

