

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 5 10M QPSK 25RB0 20450CH Back side 10mm Ant2

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) = 0.246 W/kg

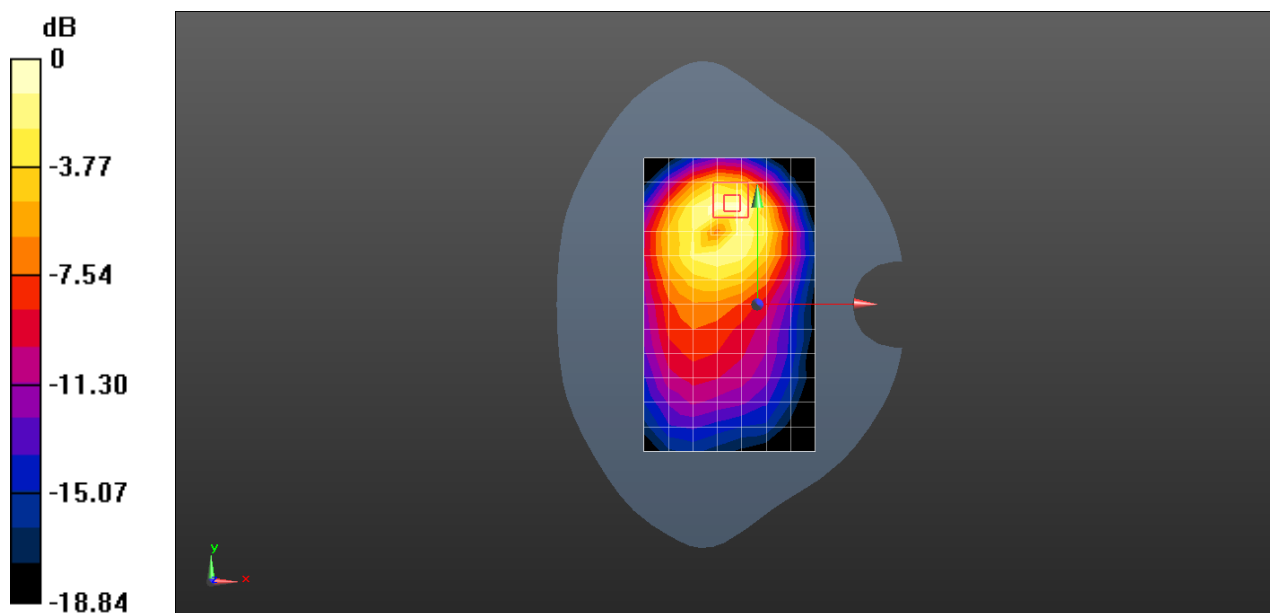
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.614 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.261 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 7 20MHZ QPSK 1RB99 20850CH Right cheek Ant1

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

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

Medium: HSL2600;Medium parameters used: $f = 2510$ MHz; $\sigma = 1.861$ S/m; $\epsilon_r = 40.193$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.52, 7.52, 7.52); 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 (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.0893 W/kg

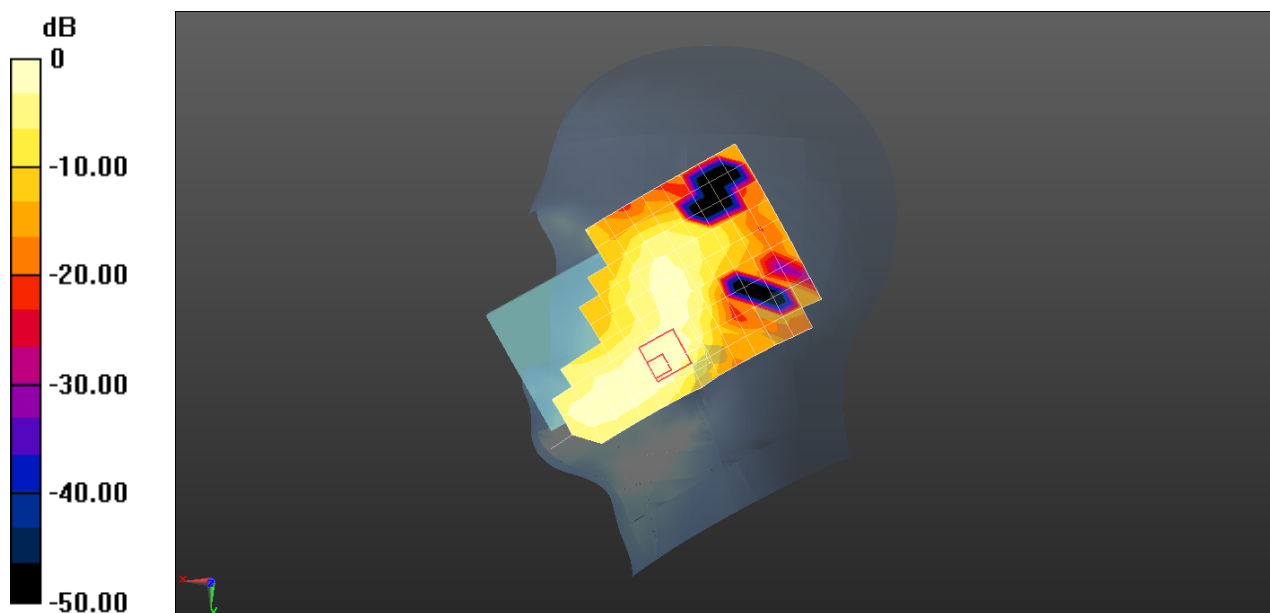
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.002 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.100 W/kg = -10.00 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 7 20M QPSK 1RB99 20850CH Back side 15mm Ant1

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

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

Medium: MSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 51.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.297 W/kg

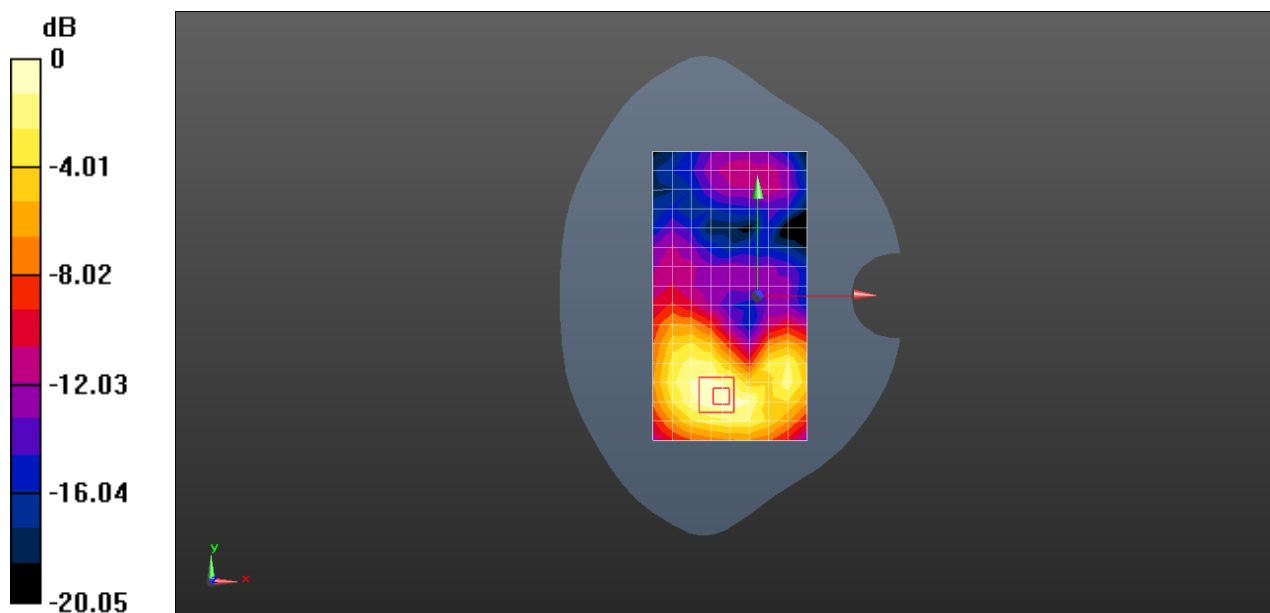
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.885 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.308 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 7 20M QPSK 1RB99 20850CH Bottom side 10mm Ant1

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

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

Medium: MSL2600; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 51.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.439 W/kg

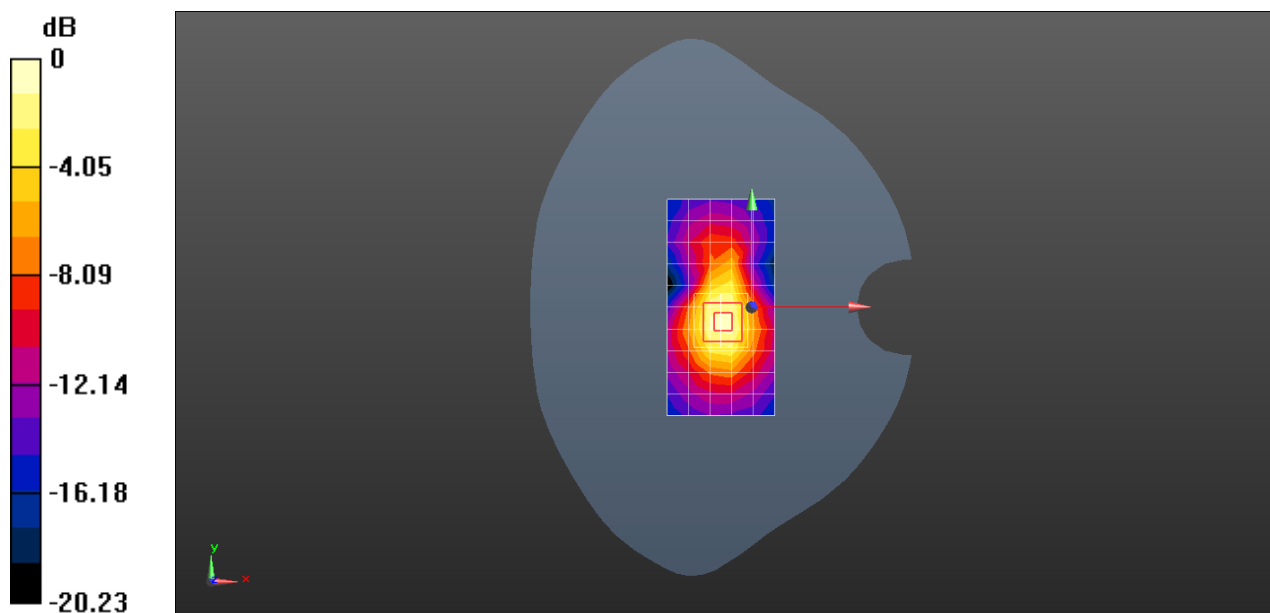
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.49 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.172 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 7 20M QPSK 1RB50 21100CH Bottom side 4mm Ant1

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

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

Medium: MSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 51.267$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 3.65 W/kg

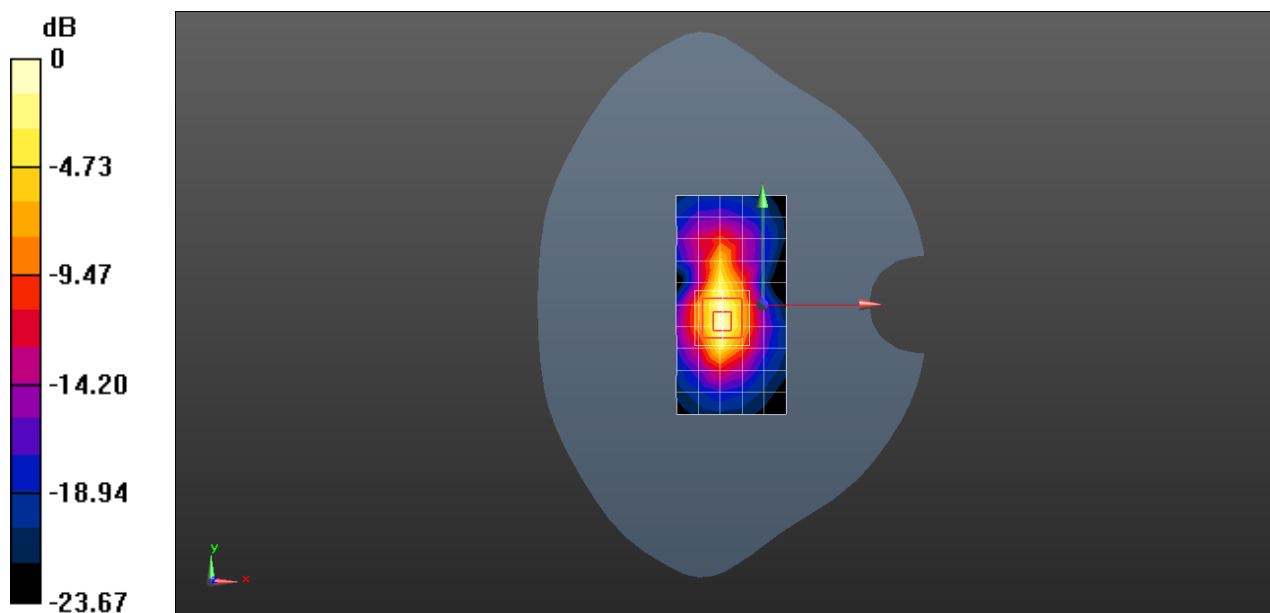
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 35.85 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.82 W/kg

SAR(1 g) = 2.25 W/kg; SAR(10 g) = 0.973 W/kg

Maximum value of SAR (measured) = 3.85 W/kg



0 dB = 3.85 W/kg = 5.85 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 7 20MHZ QPSK 50RB50 21350CH Right cheek Ant2

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

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

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.925$ S/m; $\epsilon_r = 40.069$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.52, 7.52, 7.52); 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 (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.556 W/kg

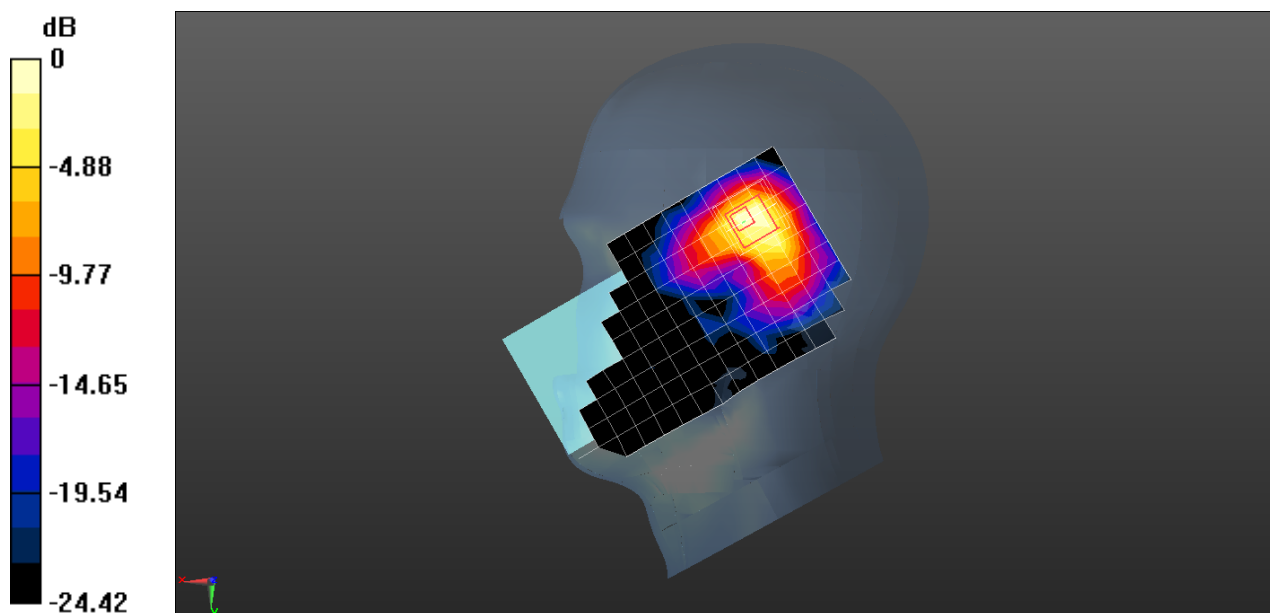
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.427 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.616 W/kg



0 dB = 0.616 W/kg = -2.10 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 7 20M QPSK 1RB99 21100CH Back side 15mm Ant2

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

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

Medium: MSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 51.267$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.314 W/kg

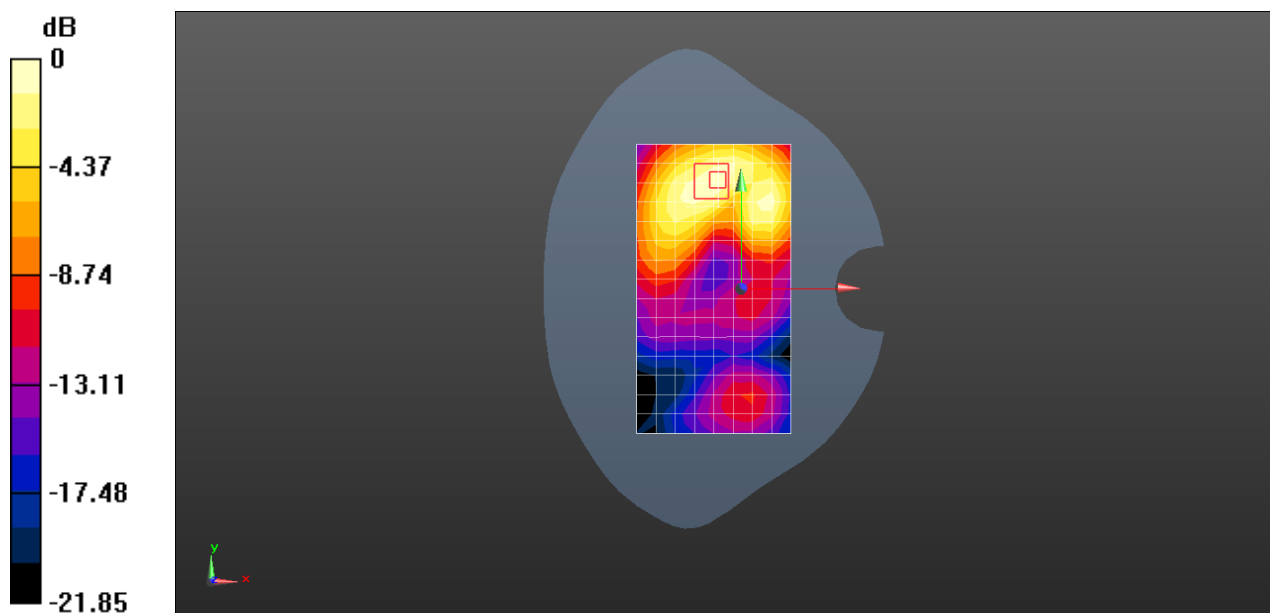
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.606 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.116 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 7 20M QPSK 1RB99 21100CH Top side 10mm Ant2

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

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

Medium: MSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 51.267$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.235 W/kg

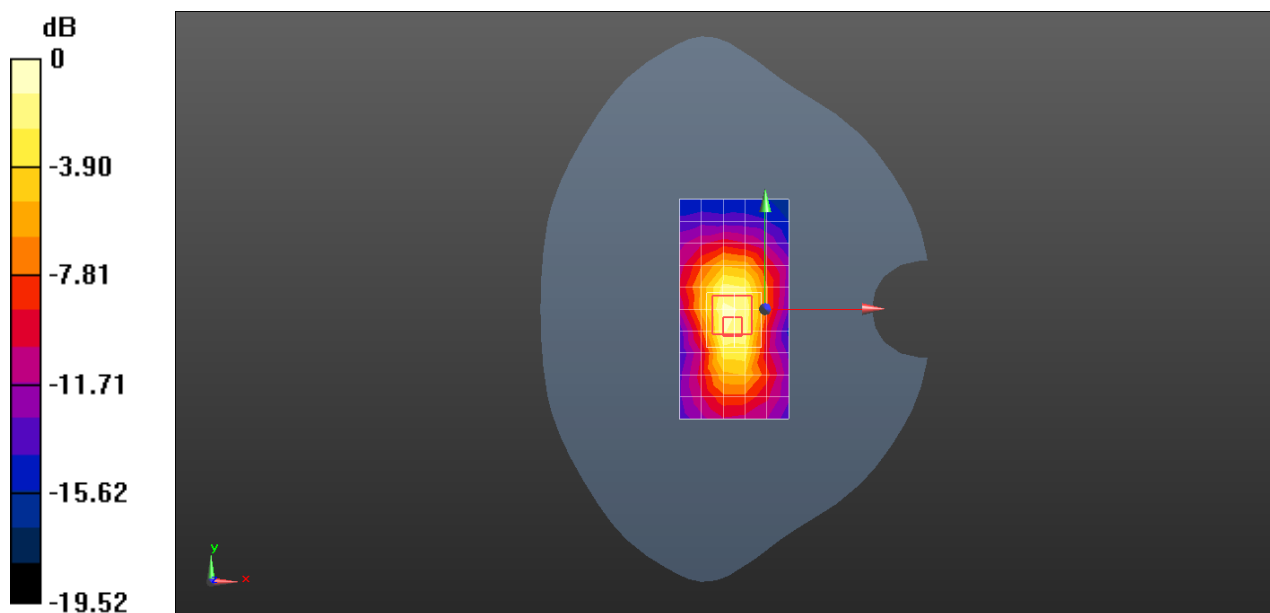
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.44 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.293 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 12 10M QPSK 1RB49 23095CH Right cheek Ant1

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

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

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 42.941$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.19, 10.19, 10.19); 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) = 0.130 W/kg

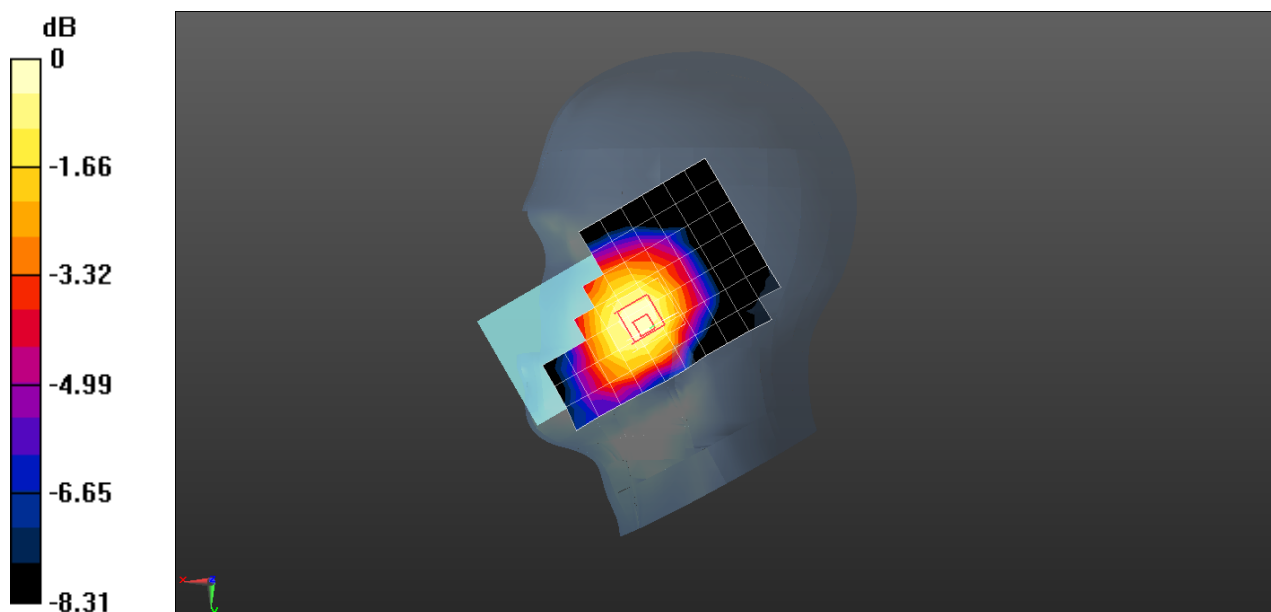
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.030 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 12 10M QPSK 1RB49 23130CH Back side 15mm Ant1

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

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

Medium: MSL750; Medium parameters used: $f = 711$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 56.925$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.27, 9.27, 9.27); 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) = 0.313 W/kg

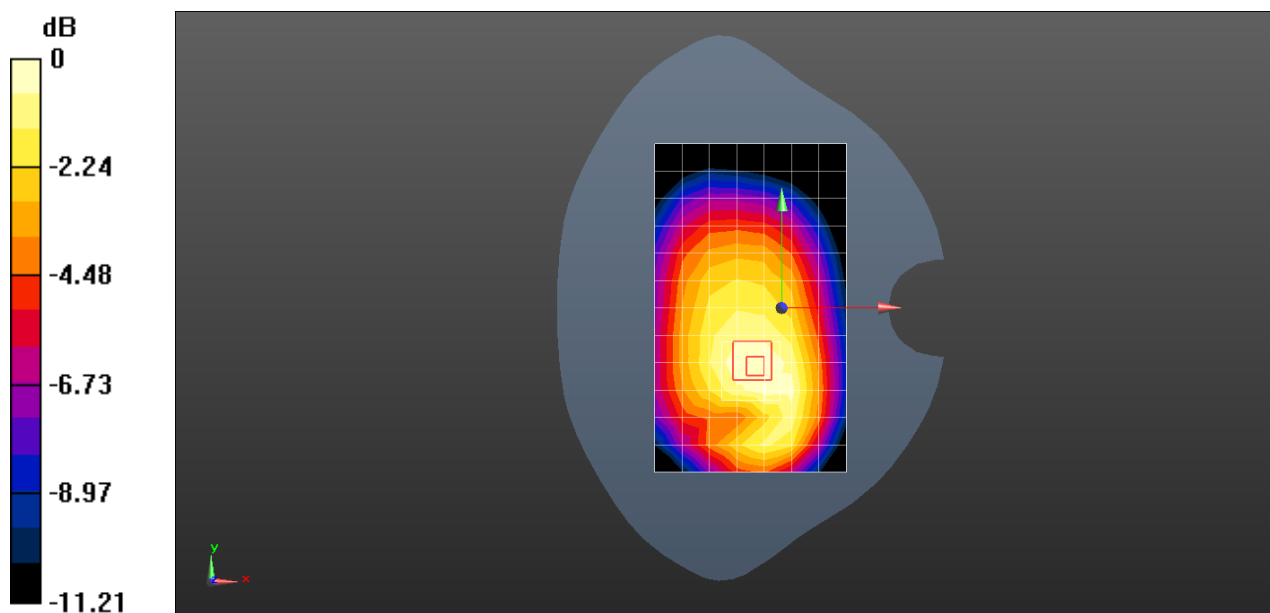
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.07 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 12 10M QPSK 1RB49 23095CH Back side 10mm Ant1

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

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

Medium: MSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 56.949$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.27, 9.27, 9.27); 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) = 0.524 W/kg

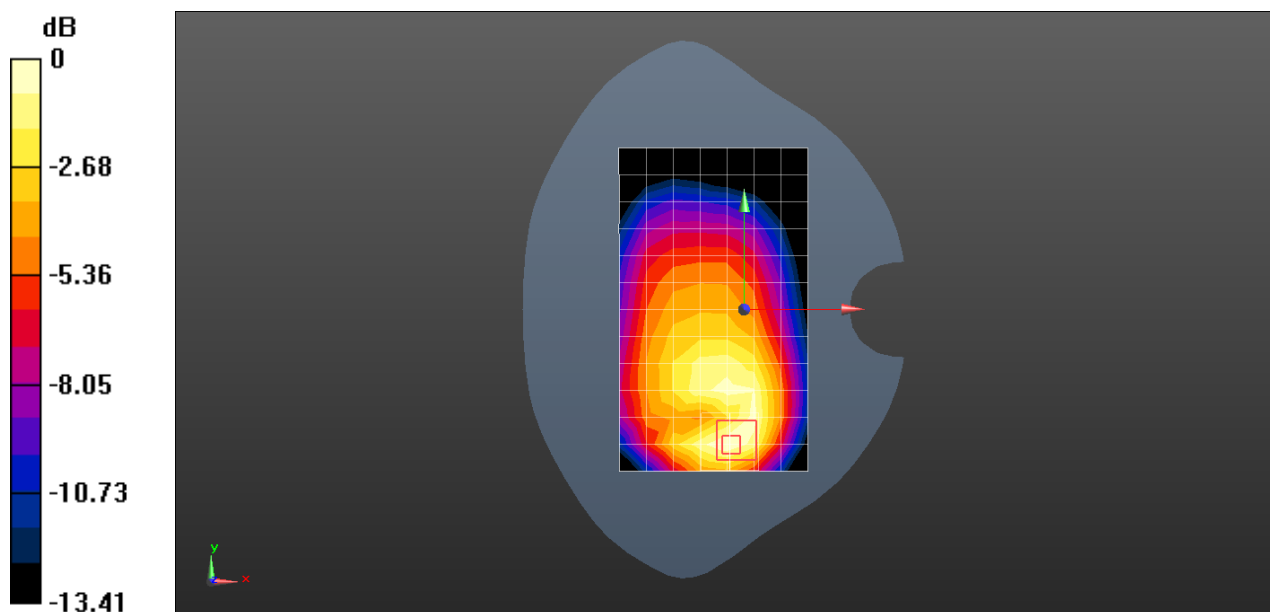
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.08 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.516 W/kg



0 dB = 0.516 W/kg = -2.87 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 12 10M QPSK 1RB49 23095CH Left cheek Ant2 with Battery 3

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

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

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 42.941$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.19, 10.19, 10.19); 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) = 0.984 W/kg

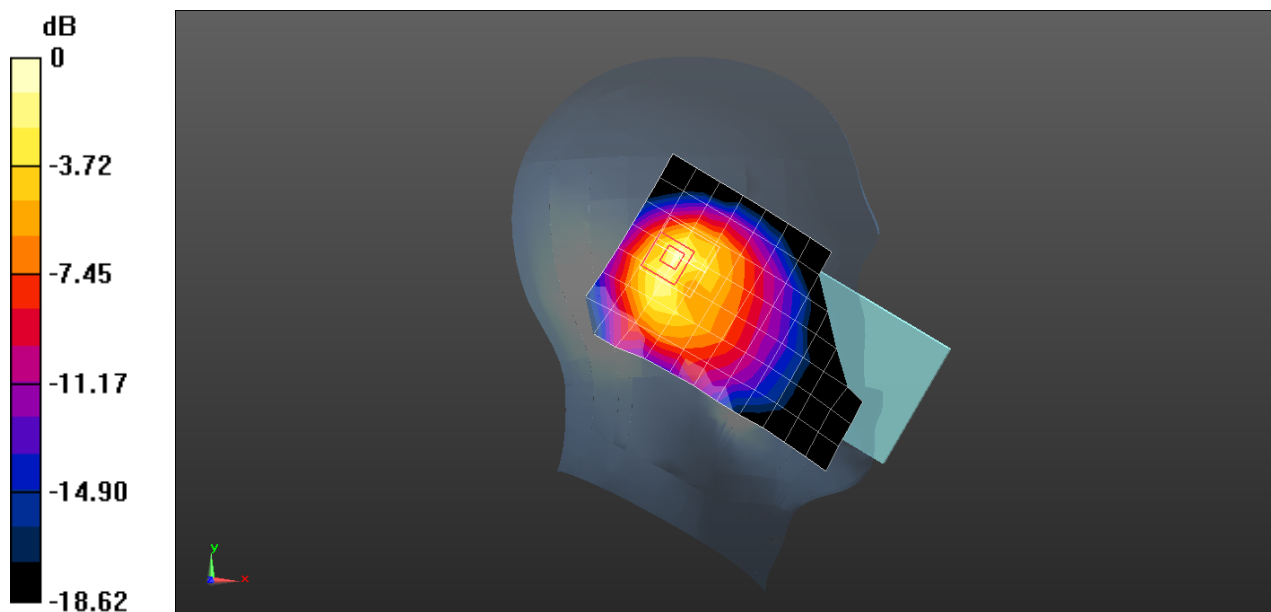
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.45 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 12 10M QPSK 1RB0 23130CH Front side 15mm Ant2

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

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

Medium: MSL750; Medium parameters used: $f = 711$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 56.925$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.27, 9.27, 9.27); 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) = 0.168 W/kg

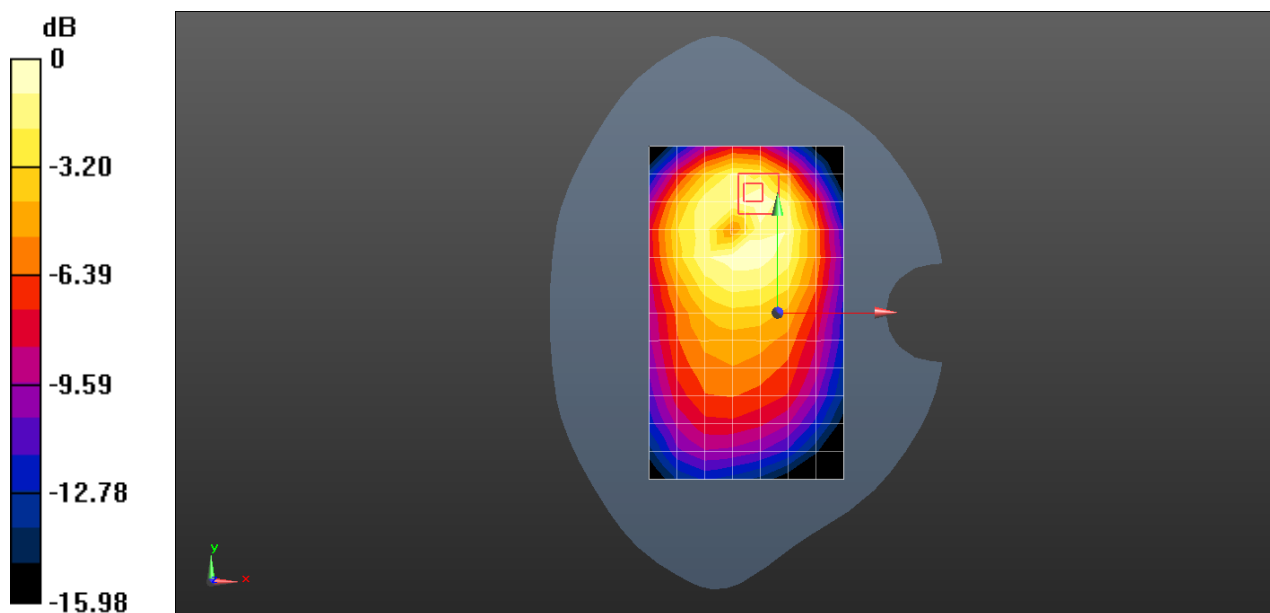
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.235 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.065 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 LTE Band 12 10M QPSK 25RB0 23130CH Front side 10mm Ant2

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

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

Medium: MSL750; Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 56.925$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.27, 9.27, 9.27); 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: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.230 W/kg

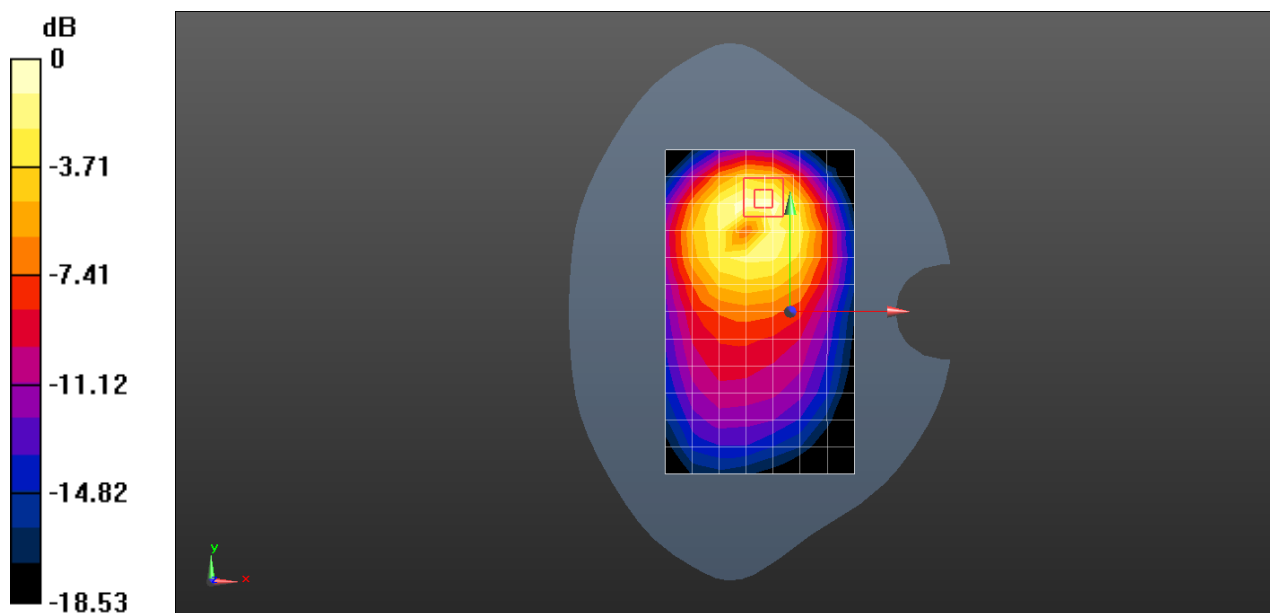
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.918 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.312 W/kg

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

Maximum value of SAR (measured) = 0.249 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 17 10M QPSK 1RB0 23780CH Right cheek Ant1

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

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

Medium: HSL750; Medium parameters used: $f = 709$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 42.933$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.19, 10.19, 10.19); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (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 (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.141 W/kg

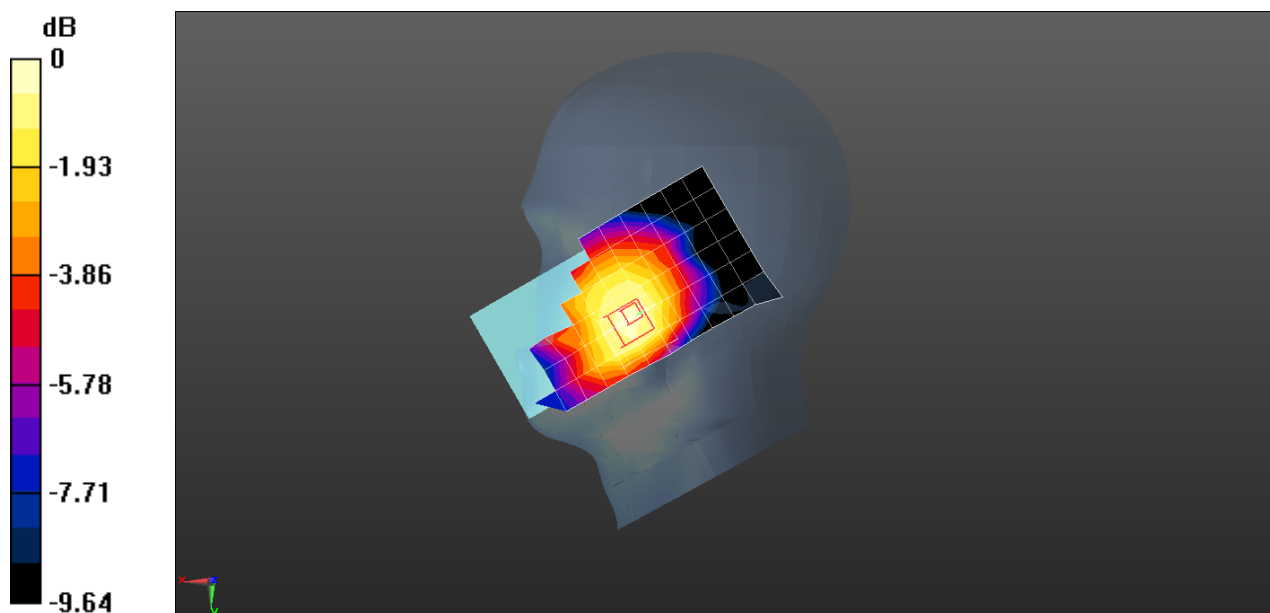
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.919 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 17 10M QPSK 1RB0 23790CH Back side 15mm Ant1

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

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used: $f = 710$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 56.934$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.27, 9.27, 9.27); 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) = 0.295 W/kg

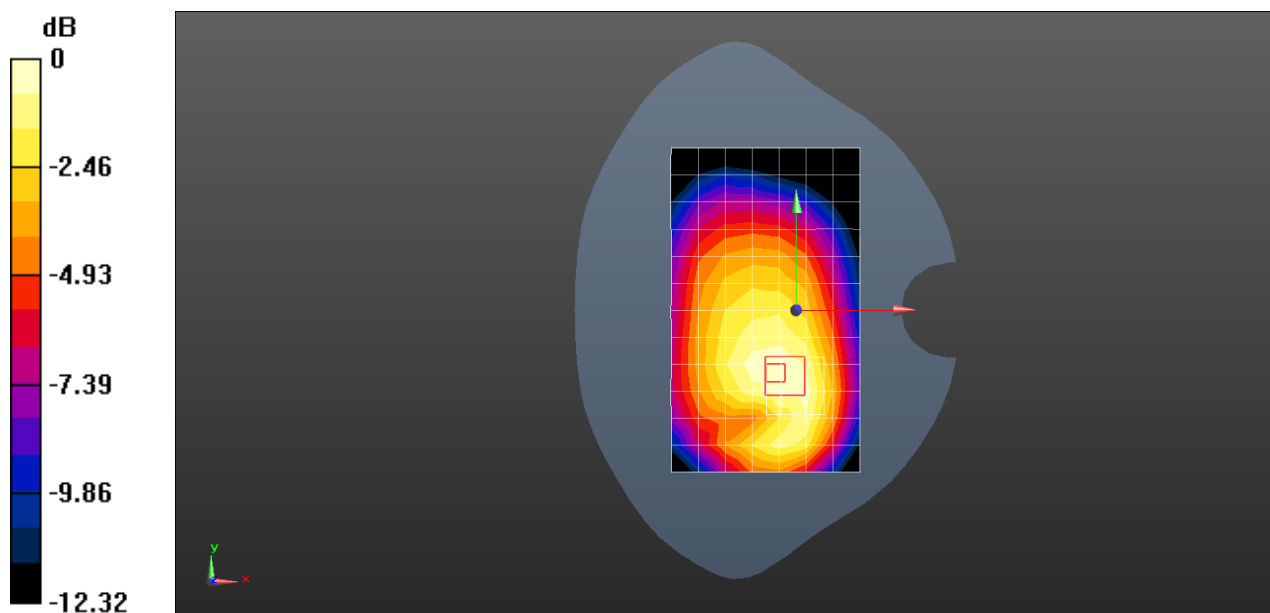
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.306 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 17 10M QPSK 1RB0 23790CH Back side 10mm Ant1

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

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 56.934$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.27, 9.27, 9.27); 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: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.515 W/kg

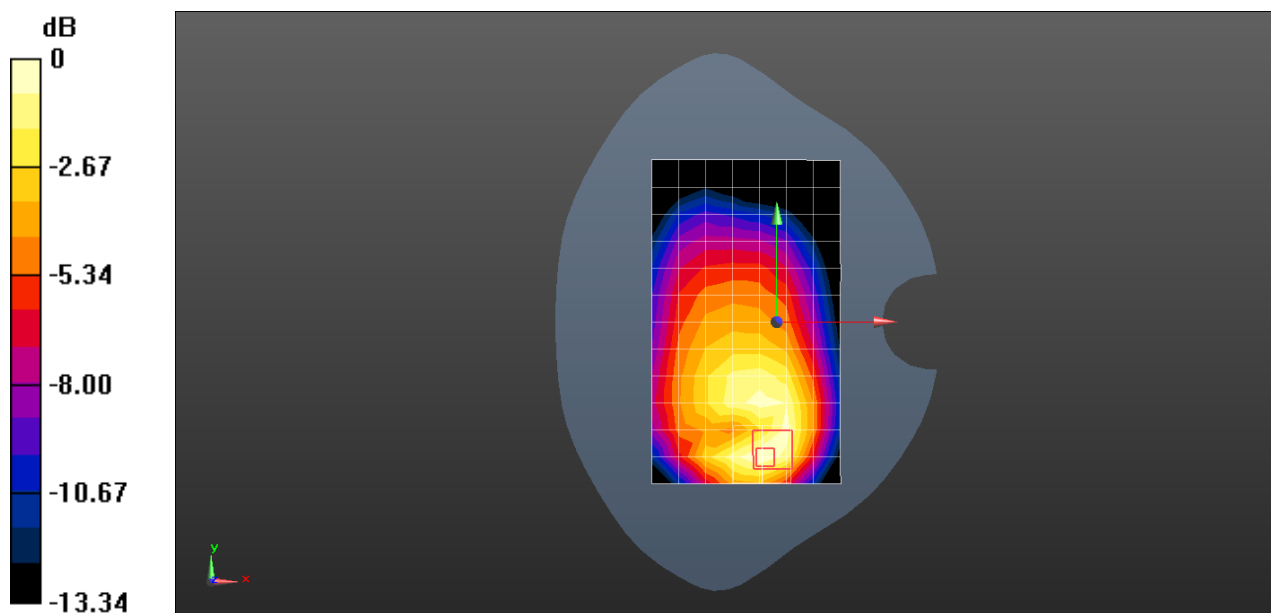
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.70 V/m ; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.340 W/kg ; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.512 W/kg



0 dB = 0.512 W/kg = -2.91 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 17 10M QPSK 25RB13 23800CH Left cheek Ant2 with Battery 3

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

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

Medium: HSL750; Medium parameters used: $f = 711$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.921$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.19, 10.19, 10.19); 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) = 1.06 W/kg

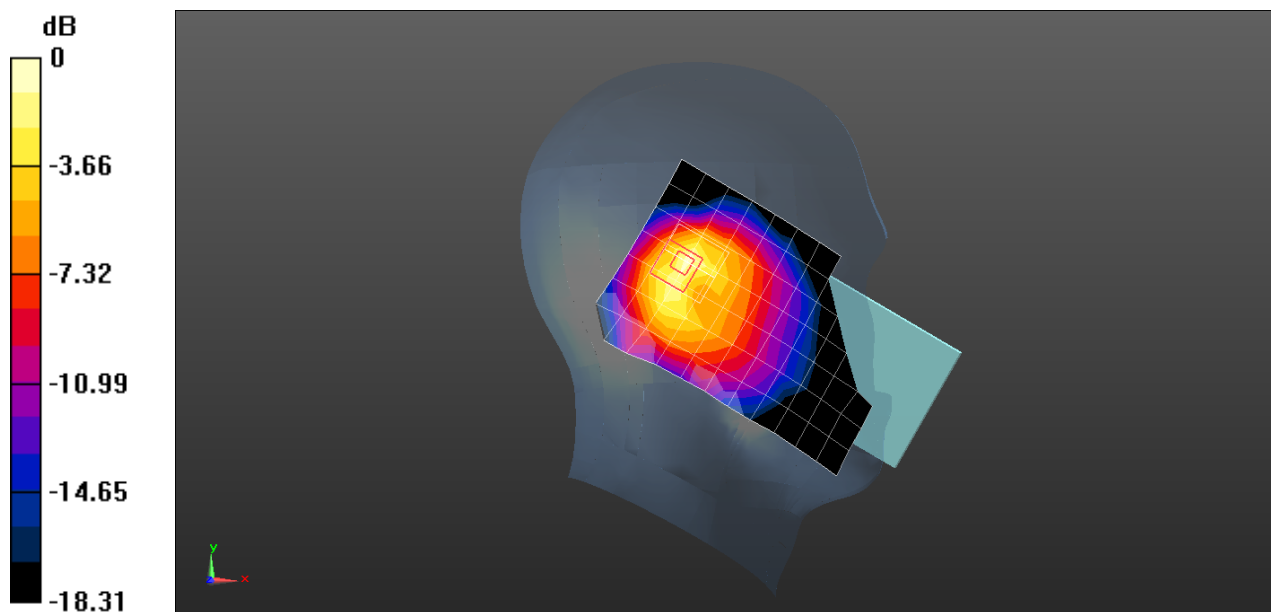
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.10 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.349 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 17 10M QPSK 1RB25 23800CH Front side 15mm Ant2

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

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

Medium: MSL750; Medium parameters used: $f = 711$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 56.925$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.27, 9.27, 9.27); 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)

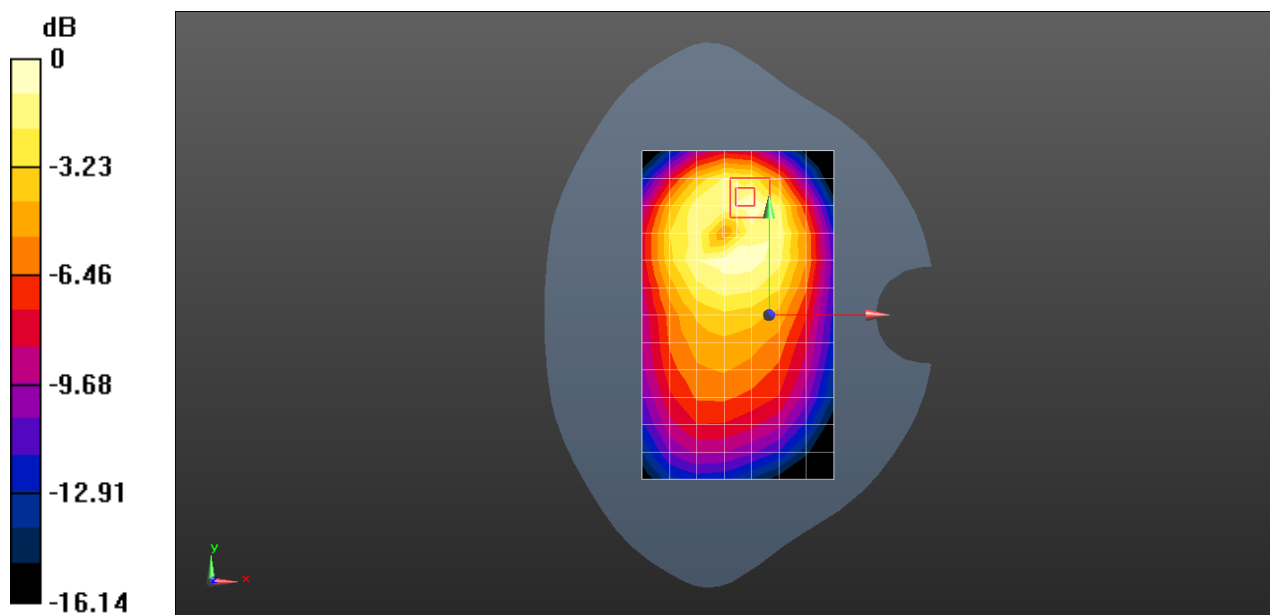
Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.199 W/kg

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

Reference Value = 9.031 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.078 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 17 10M QPSK 25RB0 23790CH Front side 10mm with Battery 3 Ant2

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

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL750; Medium parameters used: $f = 710$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 56.934$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.27, 9.27, 9.27); 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) = 0.238 W/kg

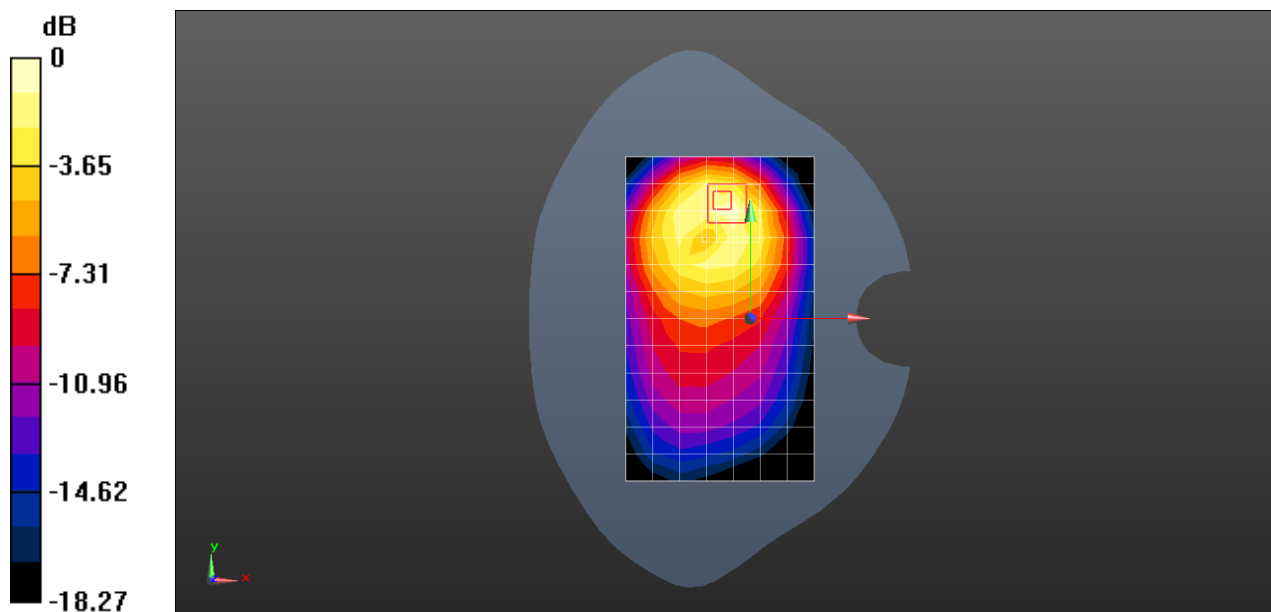
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.715 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.084 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 26 15M QPSK 1RB38 26865CH Right cheek Ant1

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

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.997$; $\rho = 1000$ 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) = 0.203 W/kg

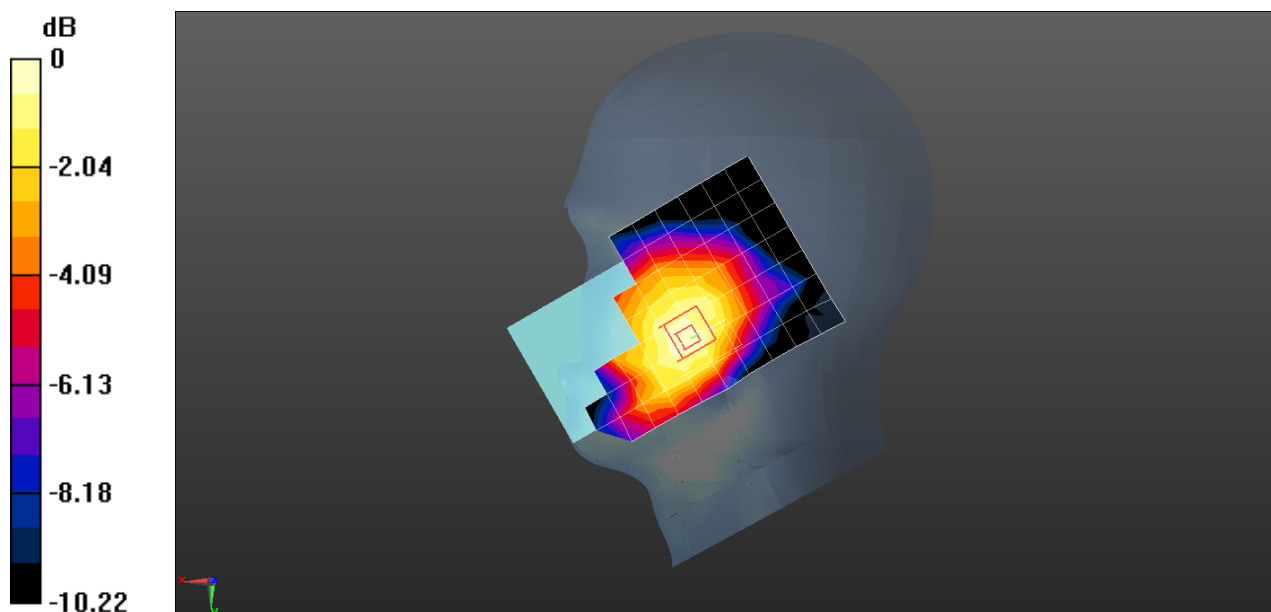
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.315 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.139 W/kg

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



0 dB = 0.204 W/kg = -6.90 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 26 15M QPSK 1RB38 26965CH Back side 15mm Ant1

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

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

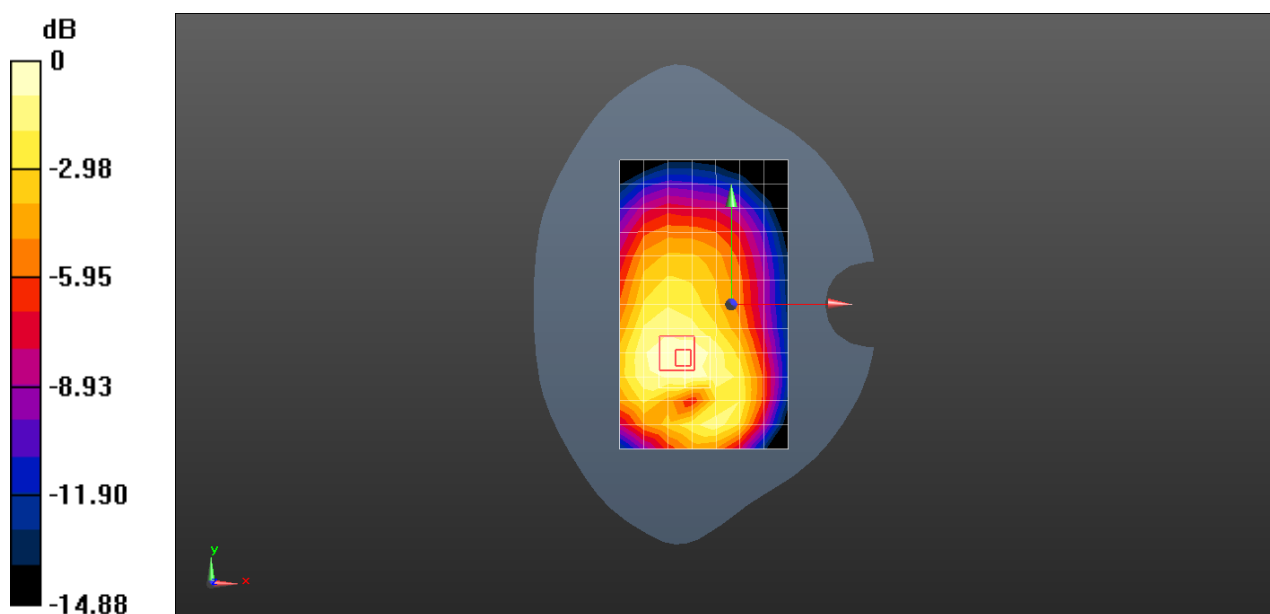
Medium: MSL835; Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 56.365$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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) = 0.354 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 12.34 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.426 W/kg
SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.373 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 26 15M QPSK 1RB38 26965CH Back side 10mm Ant1

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

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

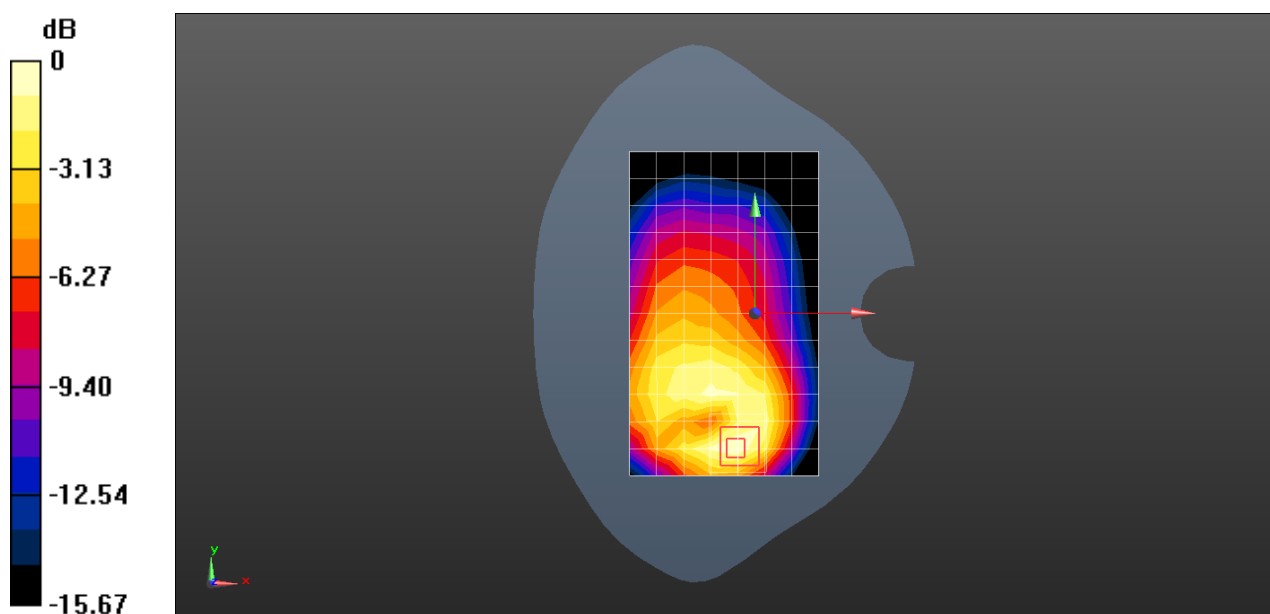
Medium: MSL835; Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 56.365$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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) = 0.684 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 12.77 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.838 W/kg
SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.691 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 26 15M QPSK 36RB18 26965CH Left cheek Ant2 with Battery 3

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

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 42.937$; $\rho = 1000$ 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) = 0.867 W/kg

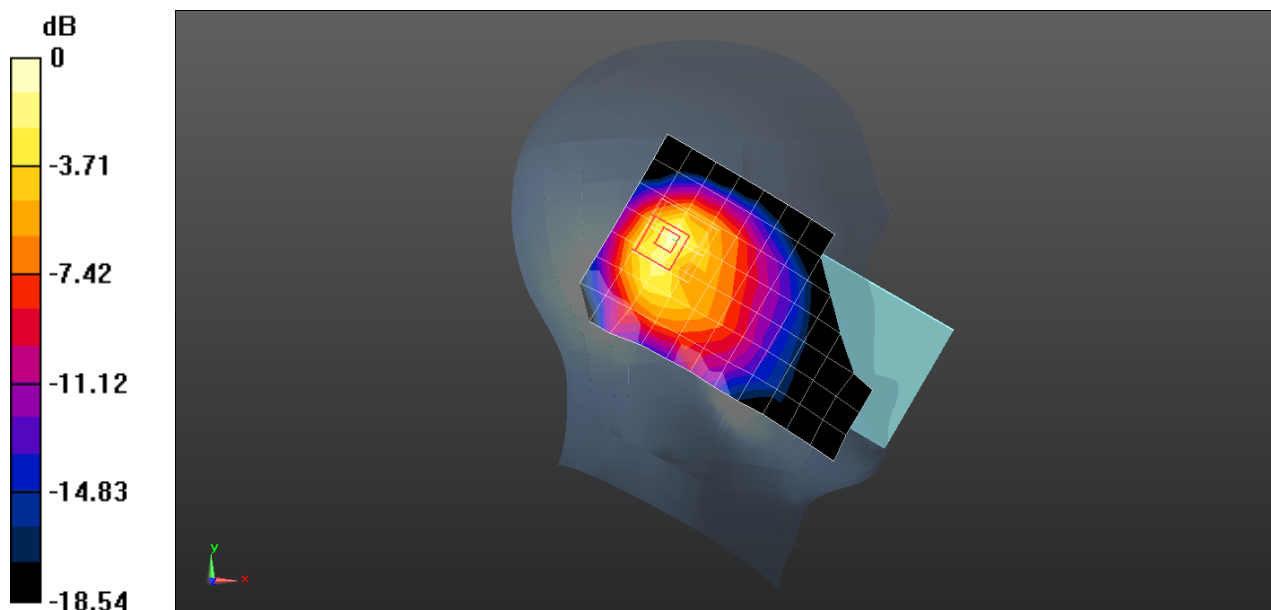
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.97 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.271 W/kg

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



0 dB = 0.897 W/kg = -0.47 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 26 15M QPSK 1RB38 26765CH Front side 15mm Ant2

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

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 56.473$; $\rho = 1000$ 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) = 0.217 W/kg

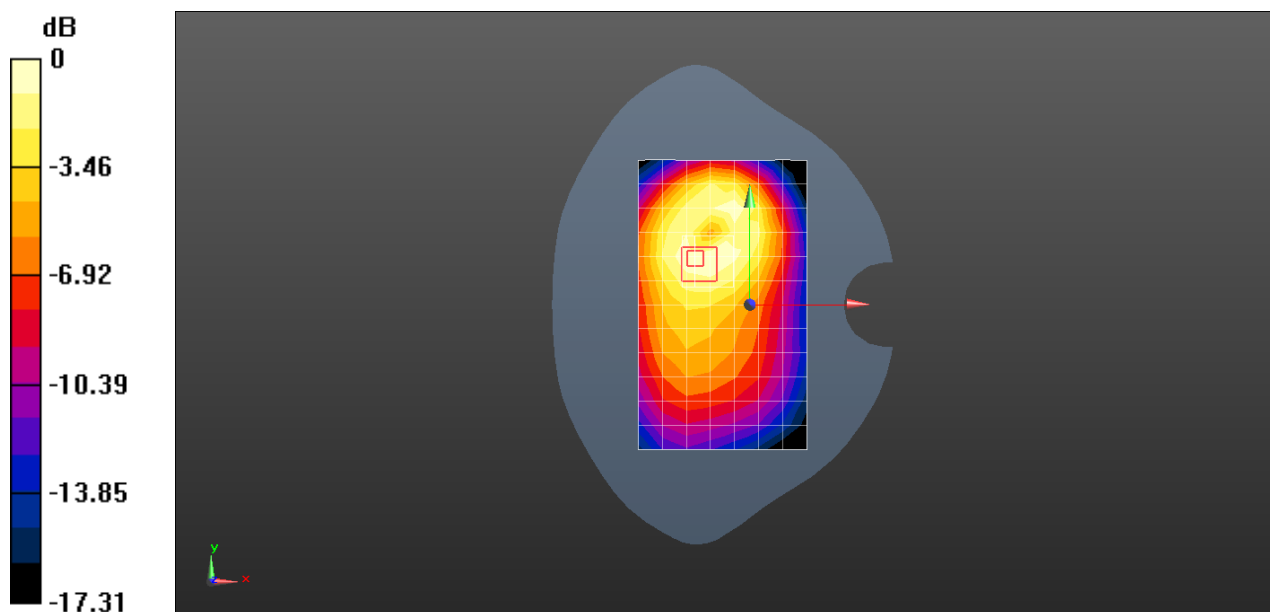
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.686 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.111 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 LTE Band 26 15M QPSK 1RB38 26765CH Front side 10mm Ant2

DUT: CLT-04; Type: Smart Phone; Serial: DXU7N18306000036

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 56.473$; $\rho = 1000$ 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) = 0.254 W/kg

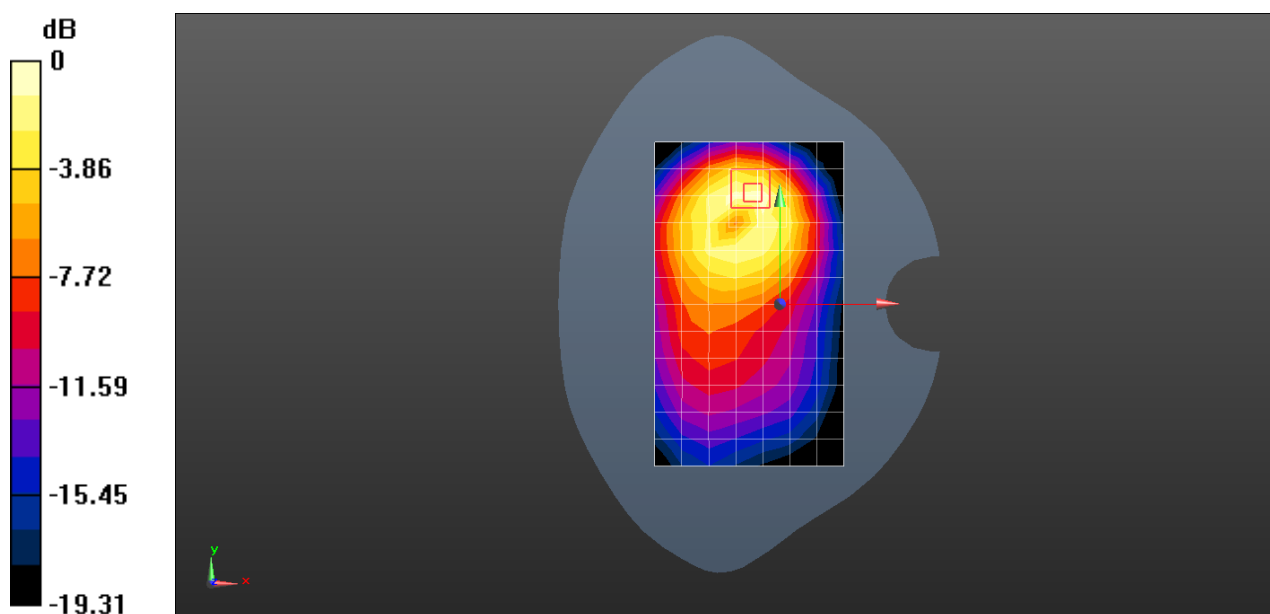
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.654 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.267 W/kg



Test Laboratory: SGS-SAR Lab

CLT-04 LTE Band 38 20MHZ QPSK 1RB99 37850CH Right cheek Ant1 with Battery 2

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

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

Medium: HSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 1.947$ S/m; $\epsilon_r = 40.018$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.52, 7.52, 7.52); 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 (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0330 W/kg

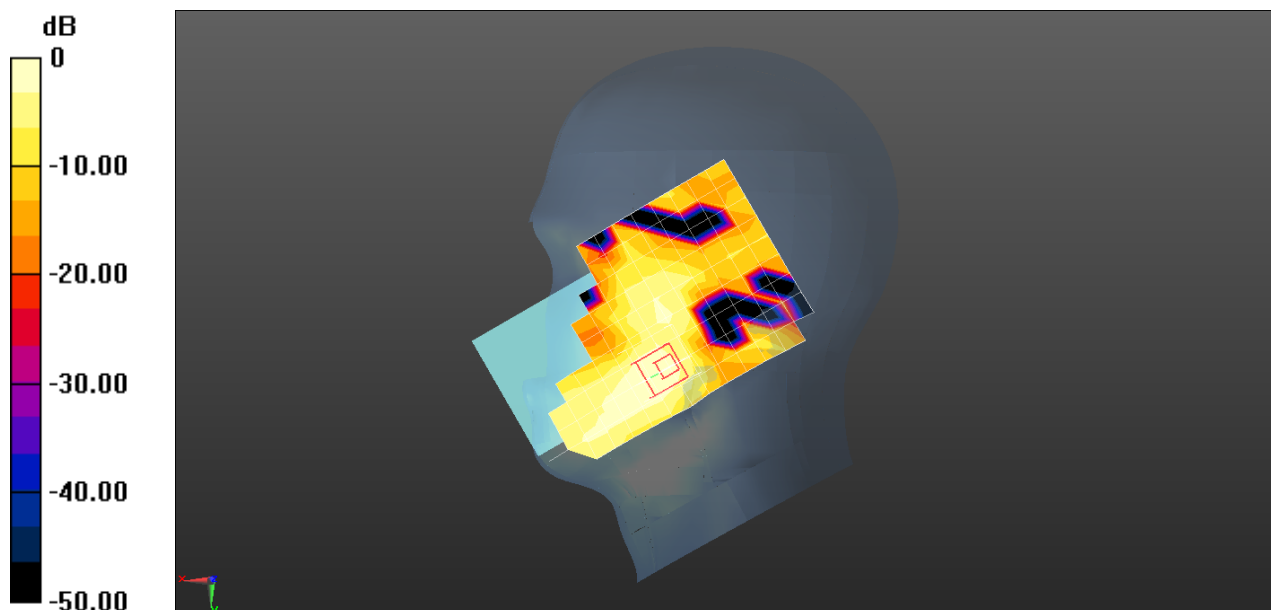
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.686 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.0096 W/kg

Maximum value of SAR (measured) = 0.0342 W/kg



0 dB = 0.0342 W/kg = -14.66 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 38 20M QPSK 1RB99 37850CH Front side 15mm with Battery 3 Ant1

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

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

Medium: MSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 51.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.96, 6.96, 6.96); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.121 W/kg

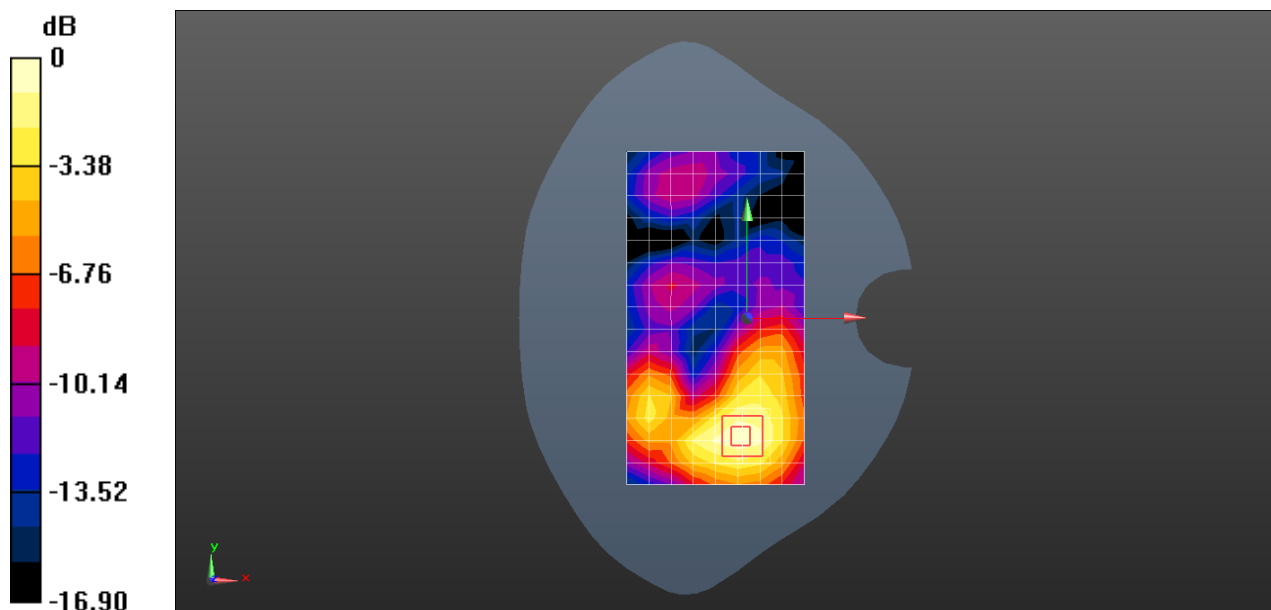
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.425 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 38 20M QPSK 50RB50 37850CH Bottom side 10mm with Battery 3 Ant1

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

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

Medium: MSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 51.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.96, 6.96, 6.96); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.474 W/kg

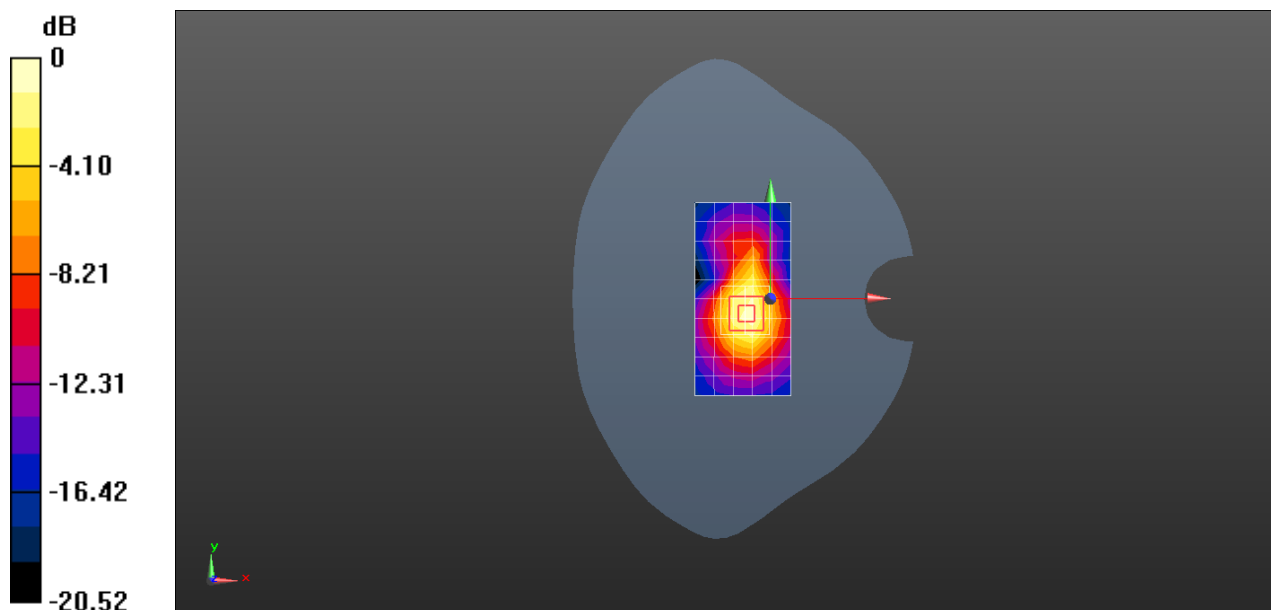
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.96 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.643 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.519 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 38 20MHZ QPSK 50RB50 37850CH Right tilted Ant2 Battery 2

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

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

Medium: HSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 1.947$ S/m; $\epsilon_r = 40.018$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.52, 7.52, 7.52); 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 (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

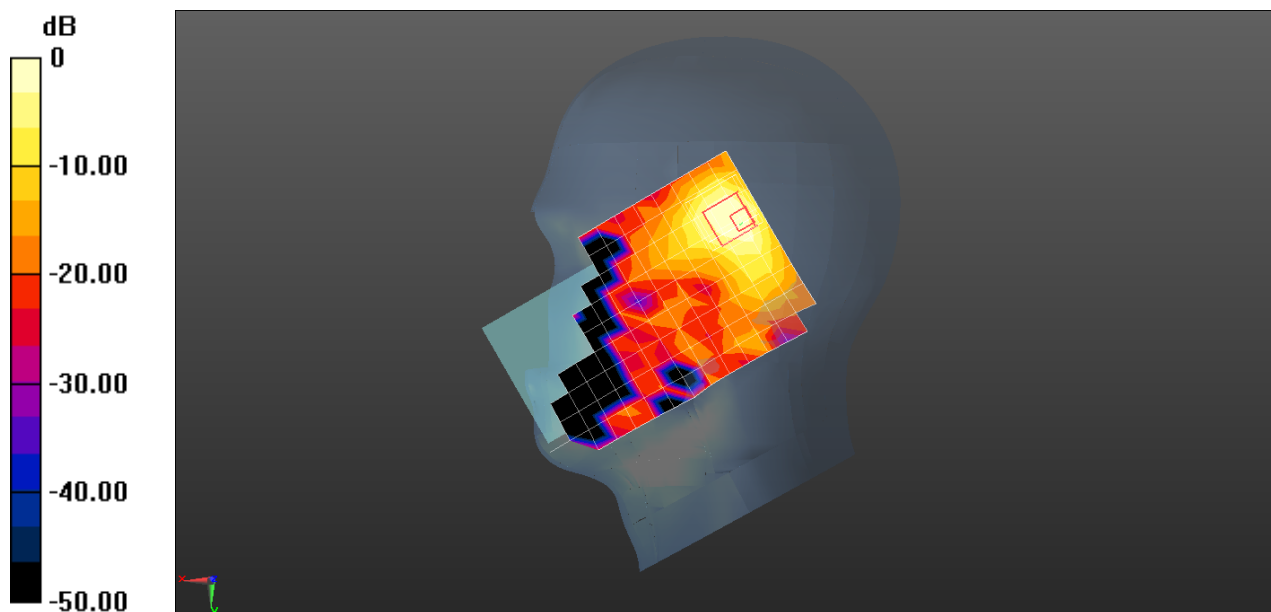
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.572 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.321 W/kg = -4.93 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 38 20M QPSK 1RB99 37850CH Back side 15mm Ant2

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

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

Medium: MSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 51.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.96, 6.96, 6.96); 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 (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.175 W/kg

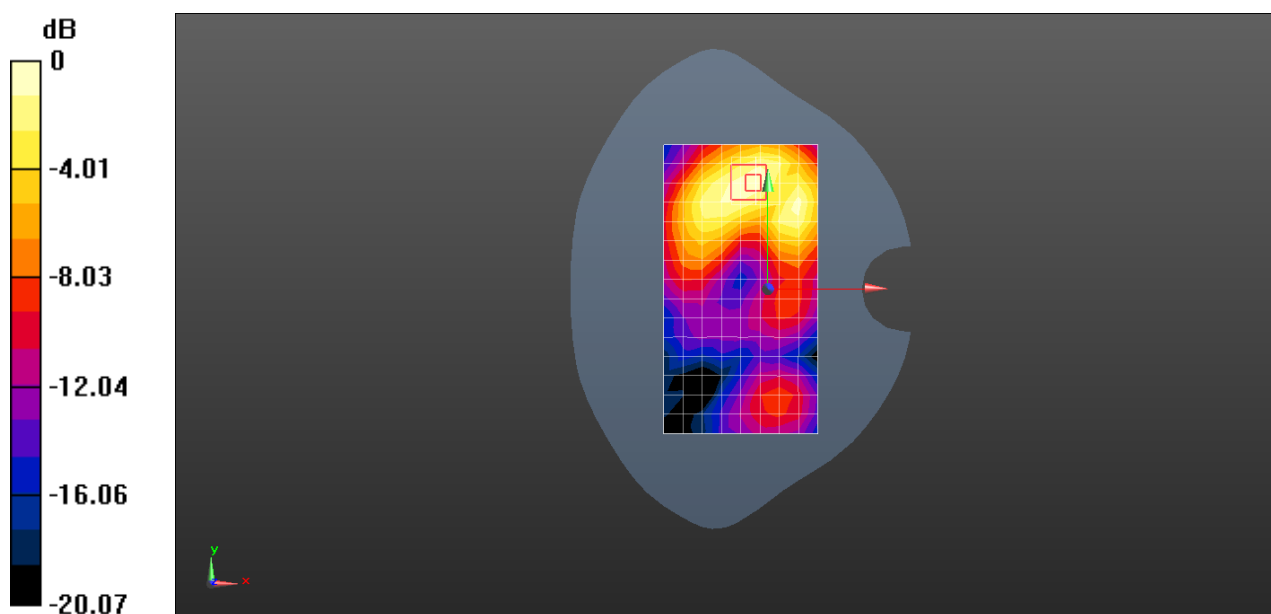
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.549 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.064 W/kg

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



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

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 38 20M QPSK 1RB0 37850CH Top side 10mm with Battery 2 Ant2

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

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

Medium: MSL2600; Medium parameters used: $f = 2580$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 51.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.96, 6.96, 6.96); 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 (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.133 W/kg

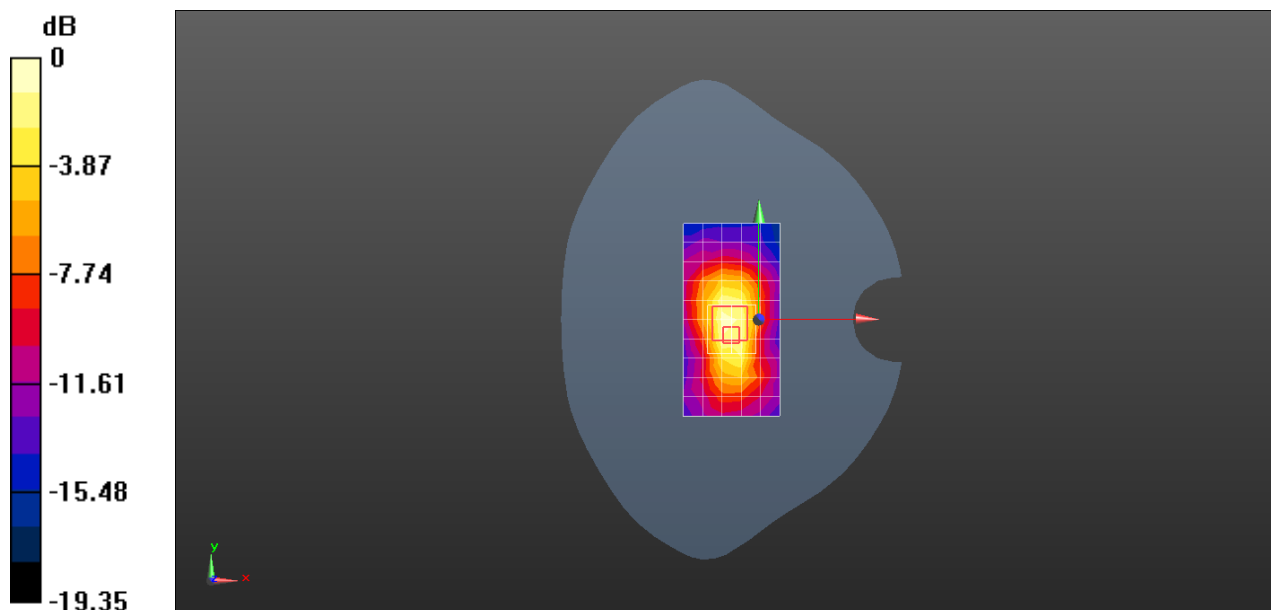
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.057 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.053 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 41 20M QPSK 1RB50 40240CH Right cheek Ant1 with Battery 2

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

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2555$ MHz; $\sigma = 1.919$ S/m; $\epsilon_r = 40.082$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.52, 7.52, 7.52); 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 (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0904 W/kg

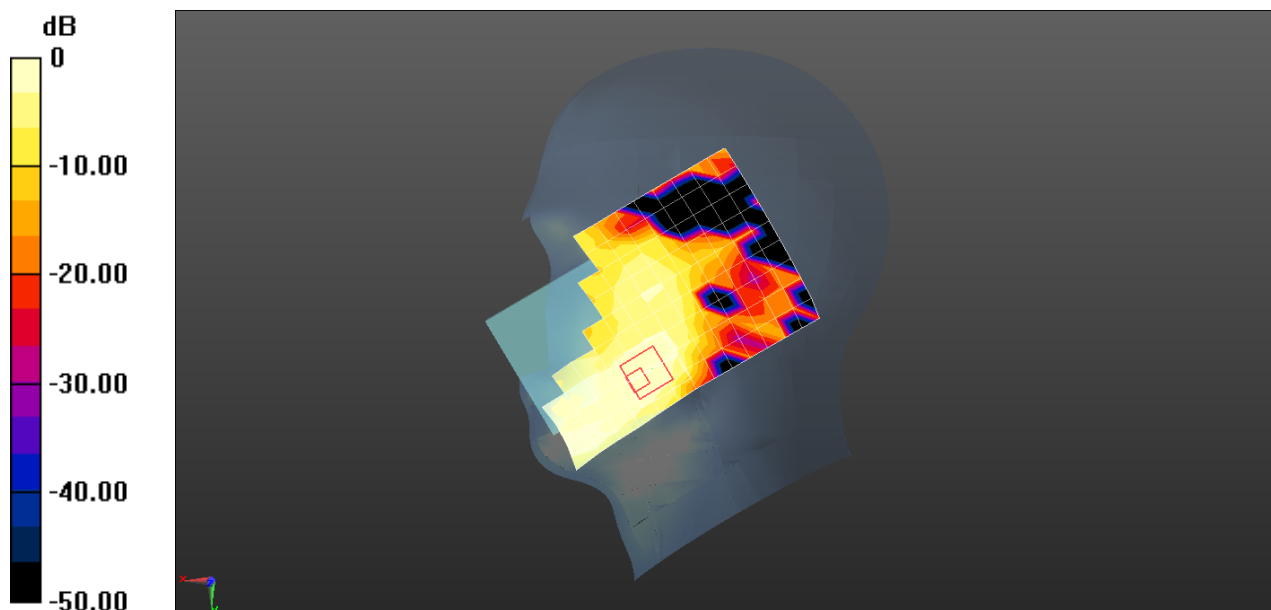
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0921 W/kg



0 dB = 0.0921 W/kg = -10.36 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 41 20M QPSK 1RB50 40240CH Front side 15mm Ant 1

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

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used: $f = 2555$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 51.226$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.96, 6.96, 6.96); Calibrated: 2018-02-08;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.218 W/kg

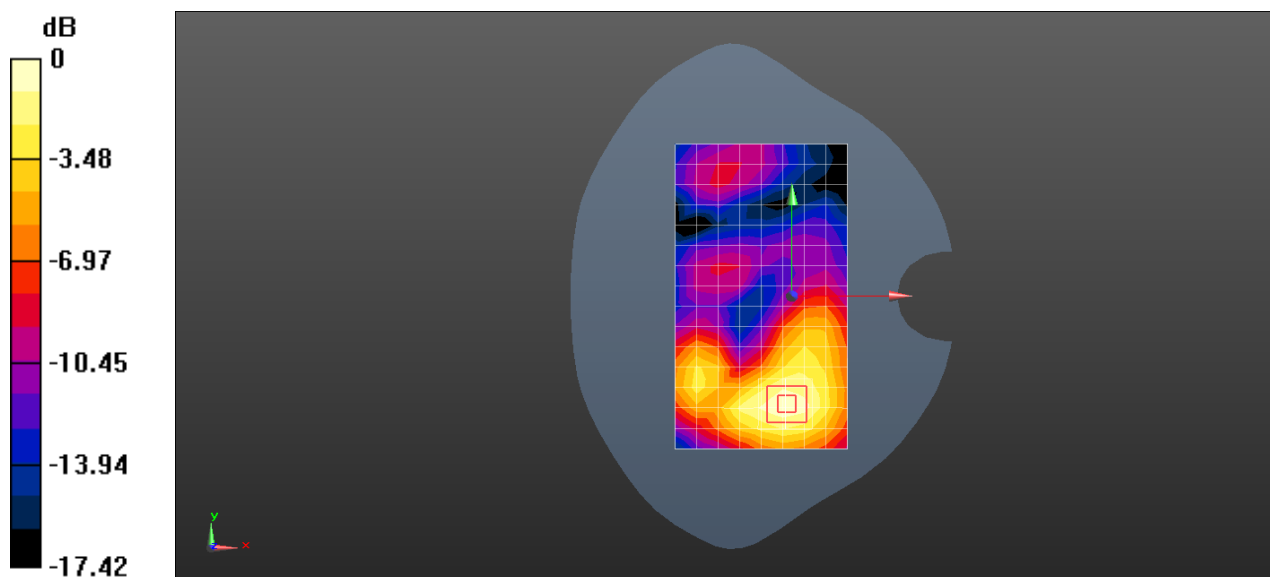
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.094 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.093 W/kg

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



0 dB = 0.229 W/kg = -6.40 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 41 20M QPSK 1RB50 40240CH Bottom side 10mm Ant1

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

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used: $f = 2555$ MHz; $\sigma = 2.097$ S/m; $\epsilon_r = 52.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.96, 6.96, 6.96); 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 (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.427 W/kg

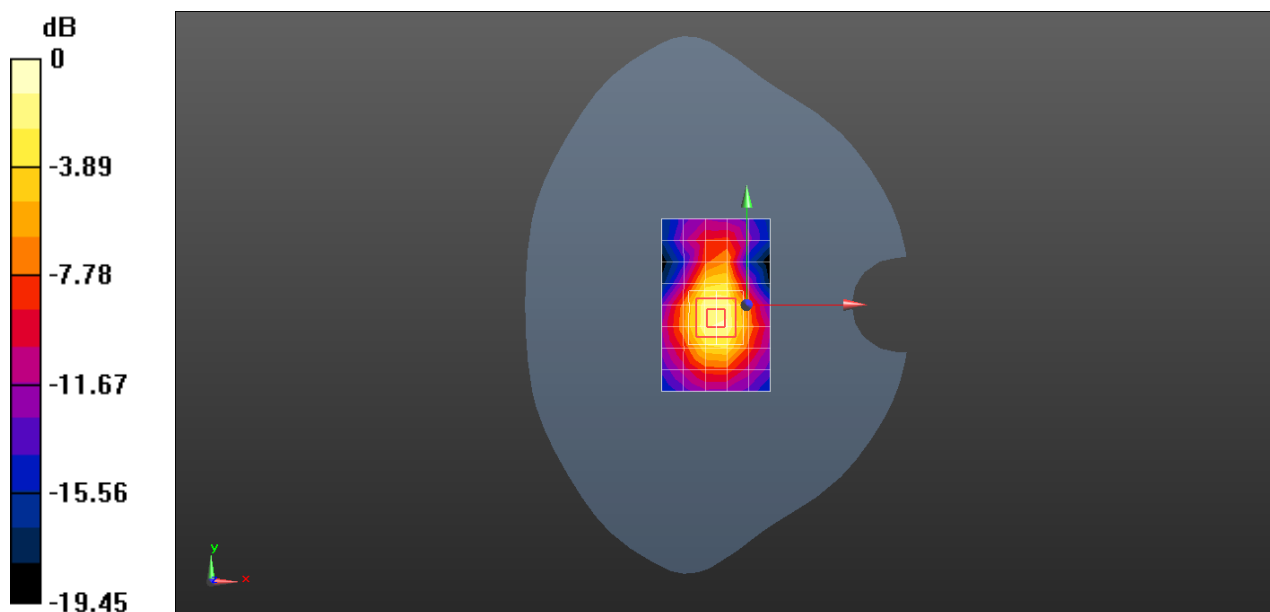
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.93 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.555 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 41 20M QPSK 1RB50 40540CH Left cheek Ant2 with Battery 3

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

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2585 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2585$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 40.006$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.52, 7.52, 7.52); 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 (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.637 W/kg

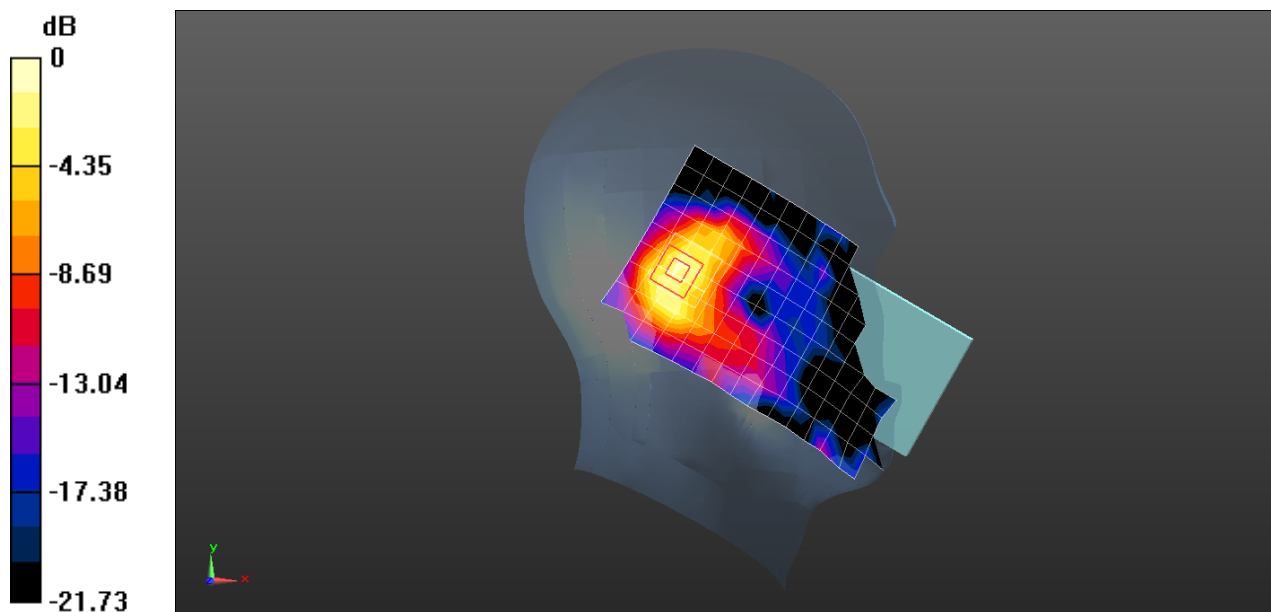
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.53 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.763 W/kg = -1.17 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 41 20M QPSK 1RB50 40540CH Back side 15mm Ant2

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

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2585 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used: $f = 2585$ MHz; $\sigma = 2.139$ S/m; $\epsilon_r = 52.137$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.96, 6.96, 6.96); 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 (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.118 W/kg

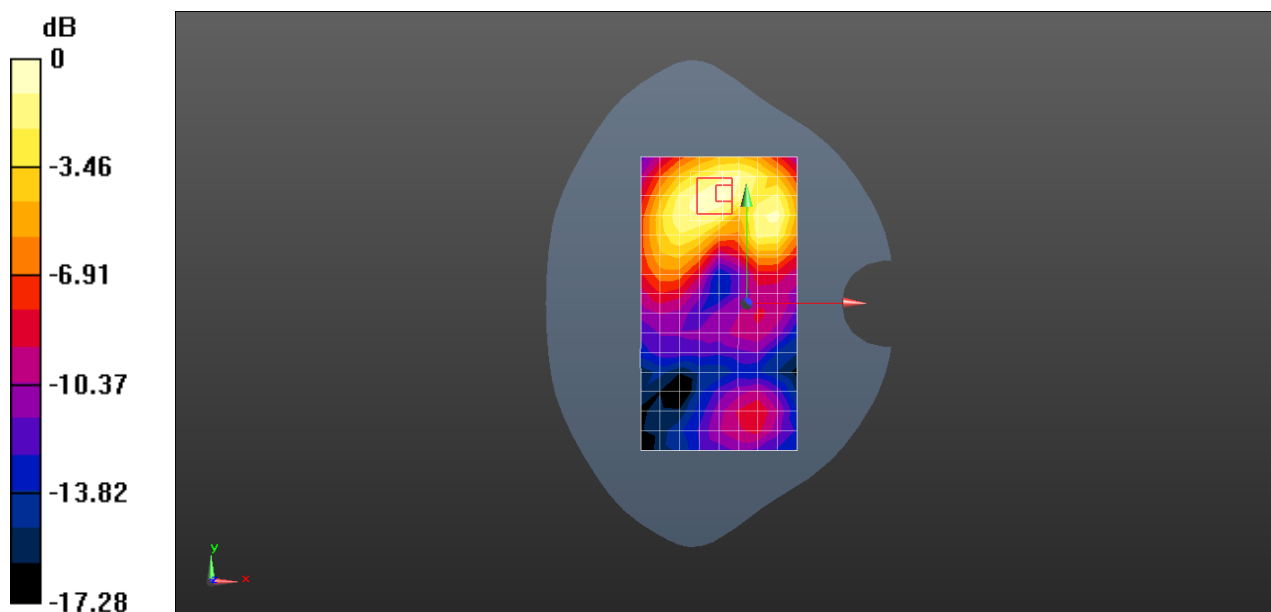
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.520 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg = -8.79 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 LTE Band 41 20M QPSK 1RB50 40240CH Top side 10mm Ant2

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

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used: $f = 2555$ MHz; $\sigma = 2.097$ S/m; $\epsilon_r = 52.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.96, 6.96, 6.96); 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 (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

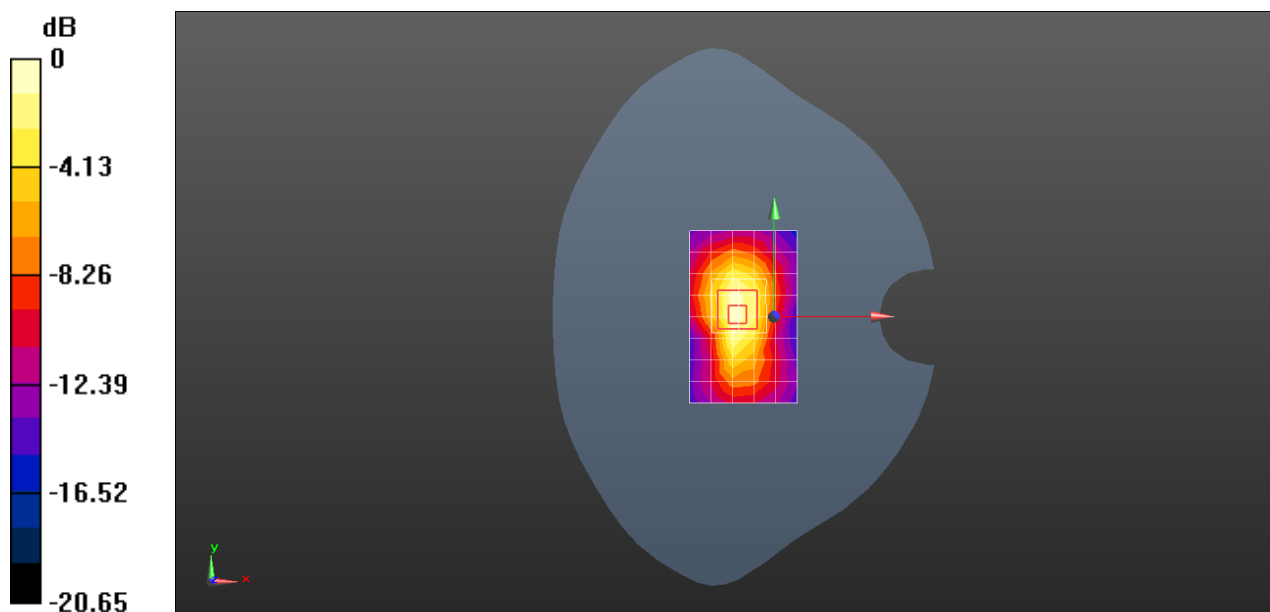
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.10 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.082 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 WiFi 802.11b 1CH Left tilted Ant1

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

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.752$ S/m; $\epsilon_r = 40.465$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.62, 7.62, 7.62); 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 (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.793 W/kg

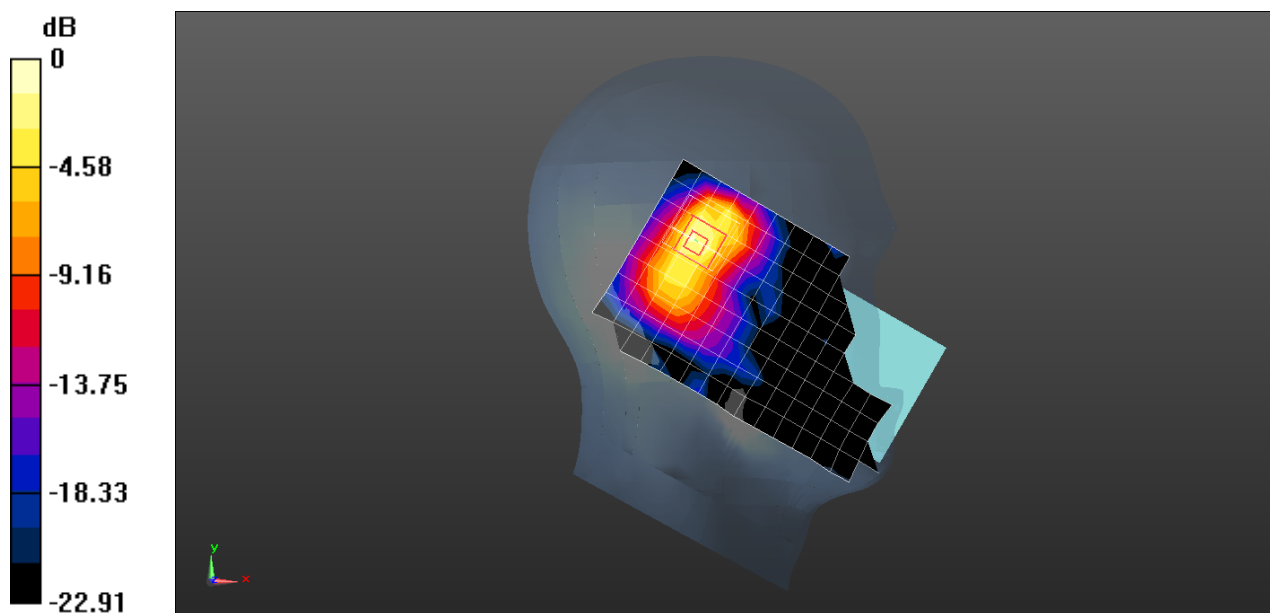
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.87 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11b 1CH Back side 15mm Ant1

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

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.847$ S/m; $\epsilon_r = 51.53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.159 W/kg

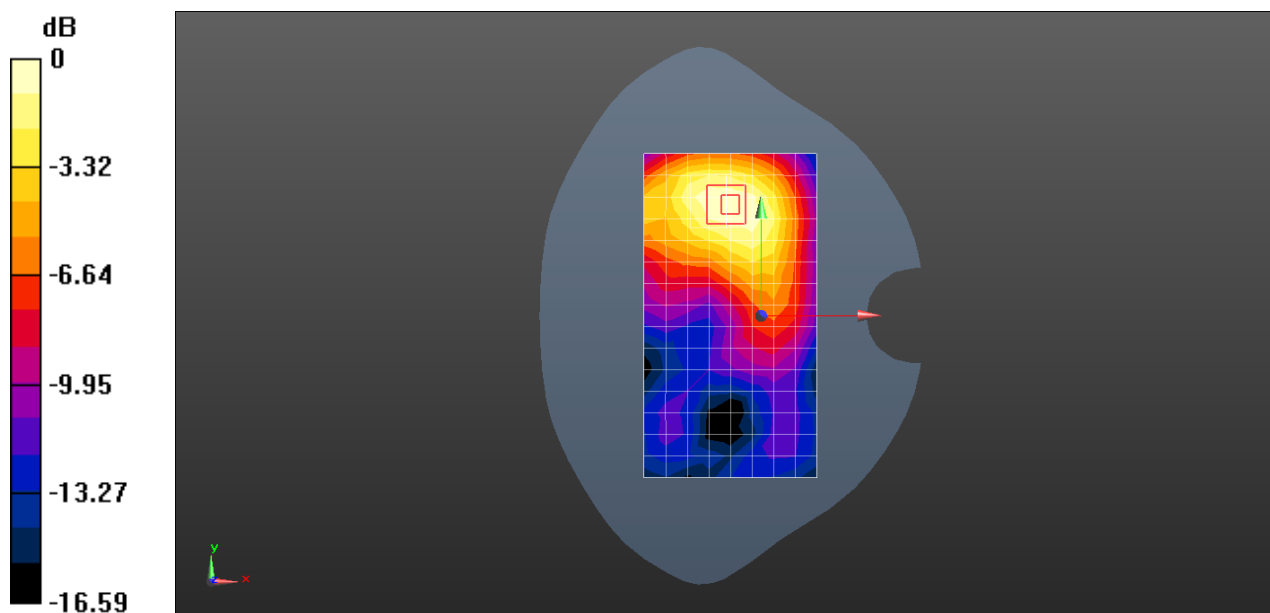
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.349 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11b 1CH Top side 10mm Ant1

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

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.847$ S/m; $\epsilon_r = 51.53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.779 W/kg

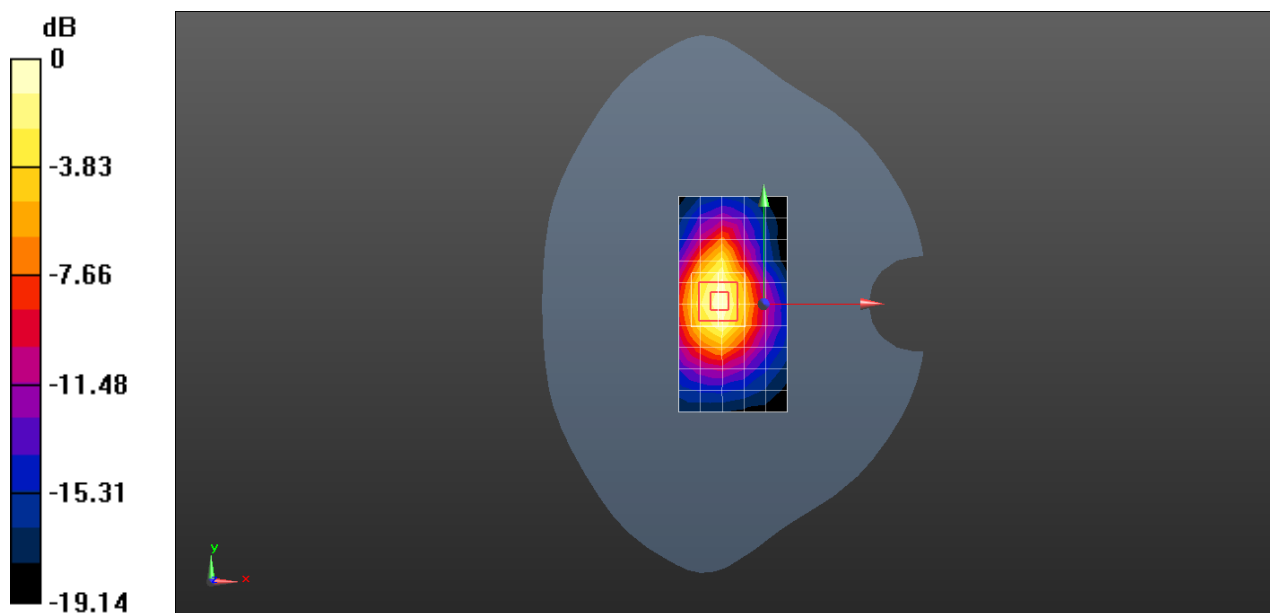
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.28 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.963 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.790 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 WiFi 802.11b 6CH Right cheek Ant2

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

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

Medium: HSL2450;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.782$ S/m; $\epsilon_r = 40.436$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.62, 7.62, 7.62); 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 (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.137 W/kg

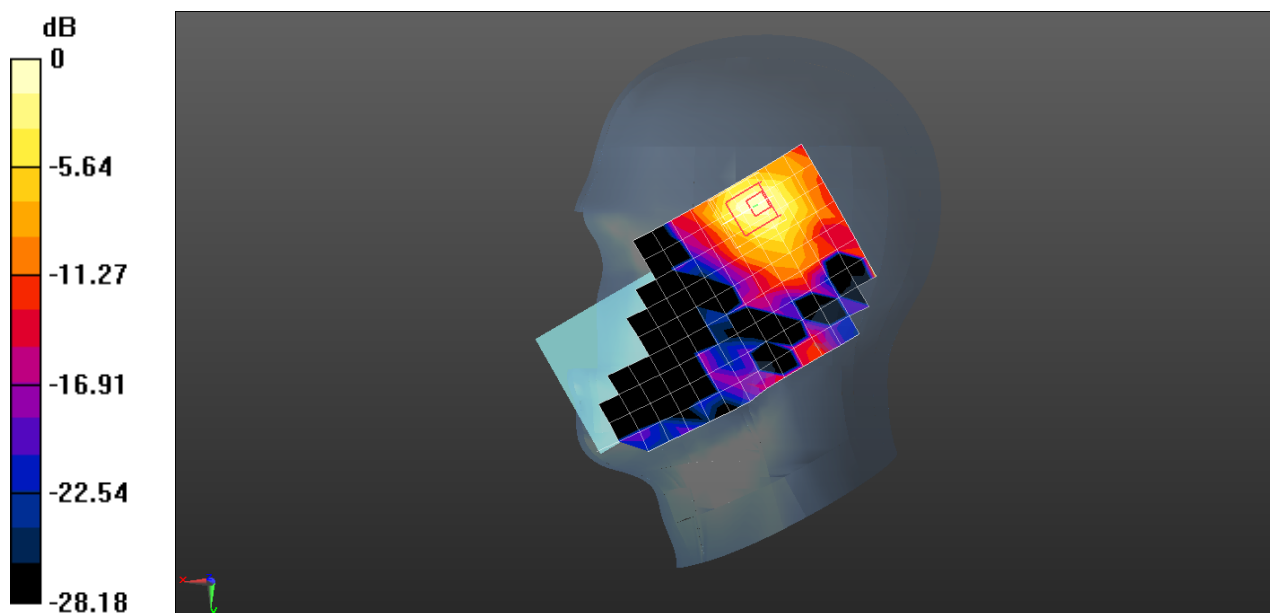
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.862 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.043 W/kg

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



0 dB = 0.155 W/kg = -8.10 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11b 6CH Back side 15mm Ant2

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

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

Medium: MSL2450; Medium parameters used: $f = 2437$ MHz; $\sigma = 1.875$ S/m; $\epsilon_r = 51.507$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.101 W/kg

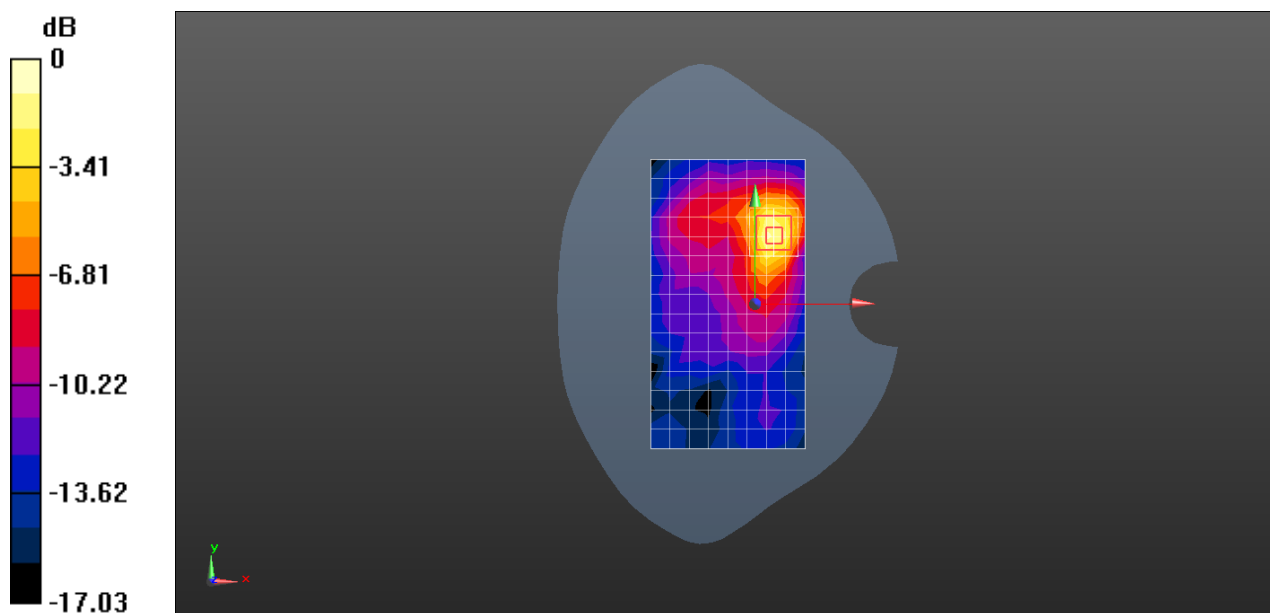
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.579 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.037 W/kg

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



Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11b 11CH Back side 10mm Ant2

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

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

Medium: MSL2450; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 51.462$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.306 W/kg

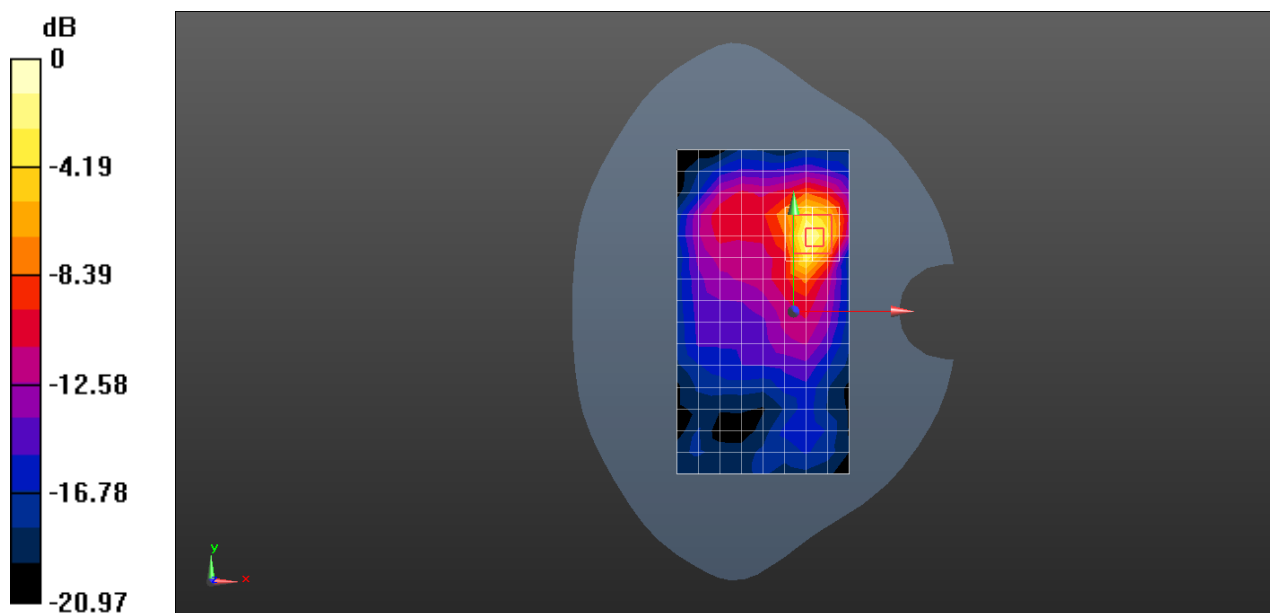
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.233 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.397 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11ac-80M 138CH Left tilted Ant1

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

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5690 MHz;Duty Cycle: 1:1

Medium: HSL5000;Medium parameters used: $f = 5690$ MHz; $\sigma = 5.119$ S/m; $\epsilon_r = 35.546$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.89, 4.89, 4.89); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM V4.0; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.555 W/kg

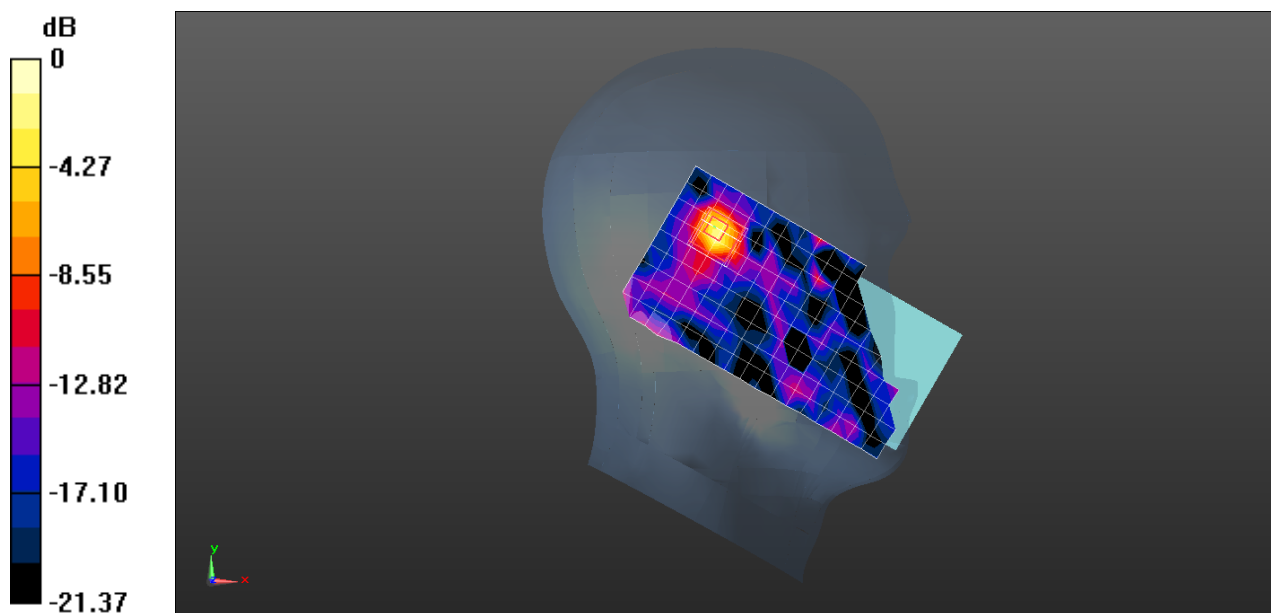
Configuration/Head/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.769 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg = -1.62 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11a 136CH Back side 15mm Ant1

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

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL5000; Medium parameters used: $f = 5680$ MHz; $\sigma = 5.888$ S/m; $\epsilon_r = 48.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.45, 4.45, 4.45); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- 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/Body/Area Scan (10x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.136 W/kg

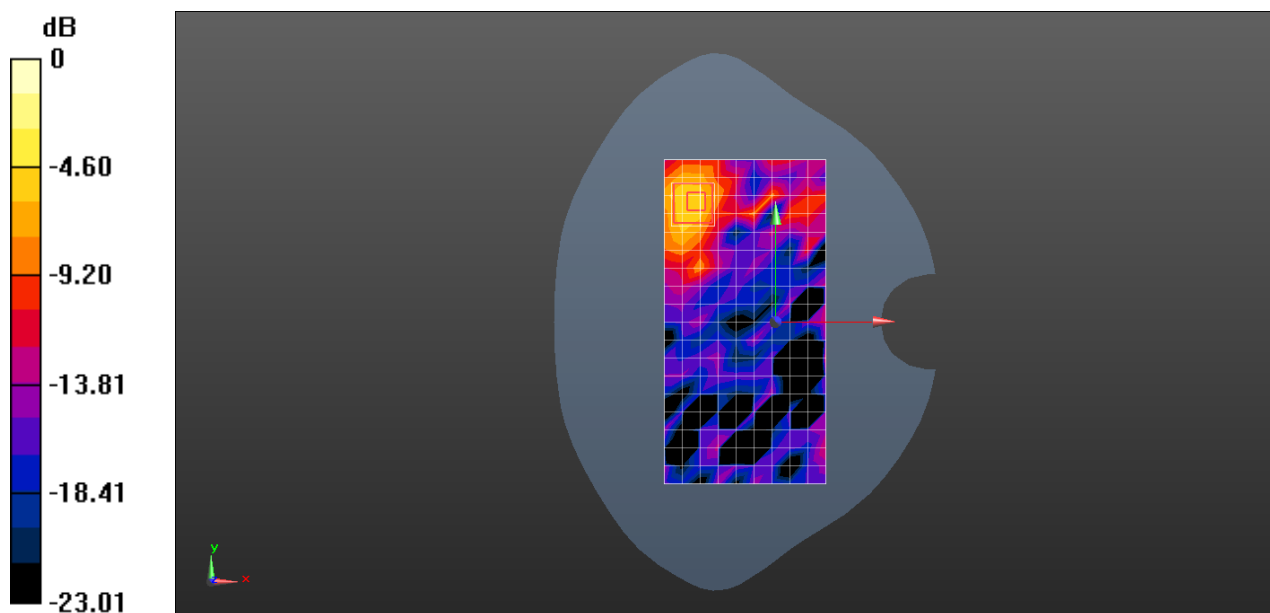
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.955 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.412 W/kg



0 dB = 0.412 W/kg = -3.85 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11a 149CH Top side 10mm Ant1

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

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL5000; Medium parameters used: $f = 5745$ MHz; $\sigma = 5.907$ S/m; $\epsilon_r = 48.372$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.59, 4.59, 4.59); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- 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/Body/Area Scan (5x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.645 W/kg

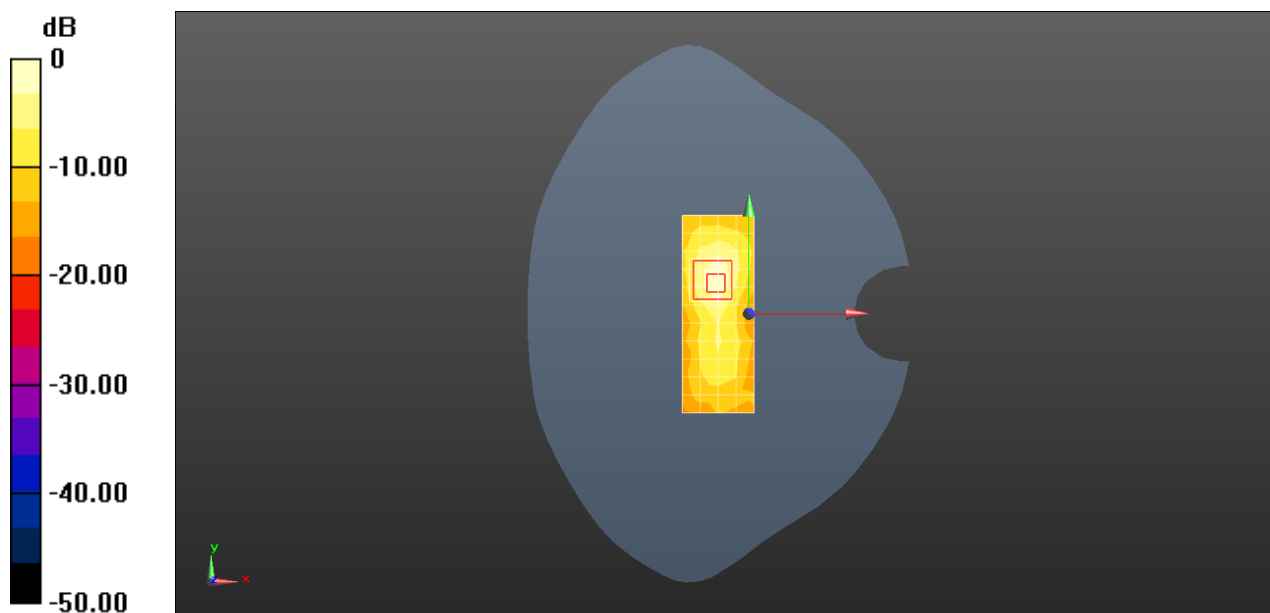
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.491 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11a 136CH Top side 0mm Ant1

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

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL5000; Medium parameters used: $f = 5680$ MHz; $\sigma = 5.888$ S/m; $\epsilon_r = 48.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.45, 4.45, 4.45); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- 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/Body/Area Scan (5x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 7.53 W/kg

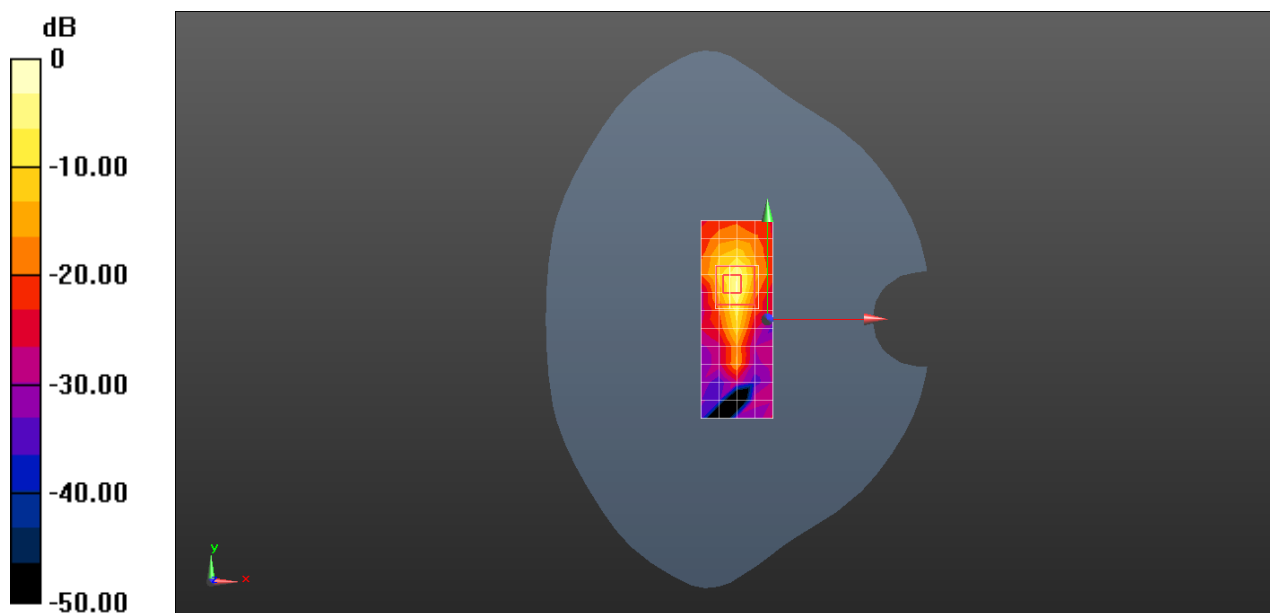
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 10.41 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 24.6 W/kg

SAR(1 g) = 3.55 W/kg; SAR(10 g) = 0.713 W/kg

Maximum value of SAR (measured) = 13.5 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11n-40M 134CH Right cheek Ant2

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

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5670 MHz;Duty Cycle: 1:1

Medium: HSL5000;Medium parameters used: $f = 5670$ MHz; $\sigma = 5.161$ S/m; $\epsilon_r = 35.593$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.89, 4.89, 4.89); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018-01-17
- Phantom: SAM 4; Type: SAM V4.0; Serial: 1640
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.295 W/kg

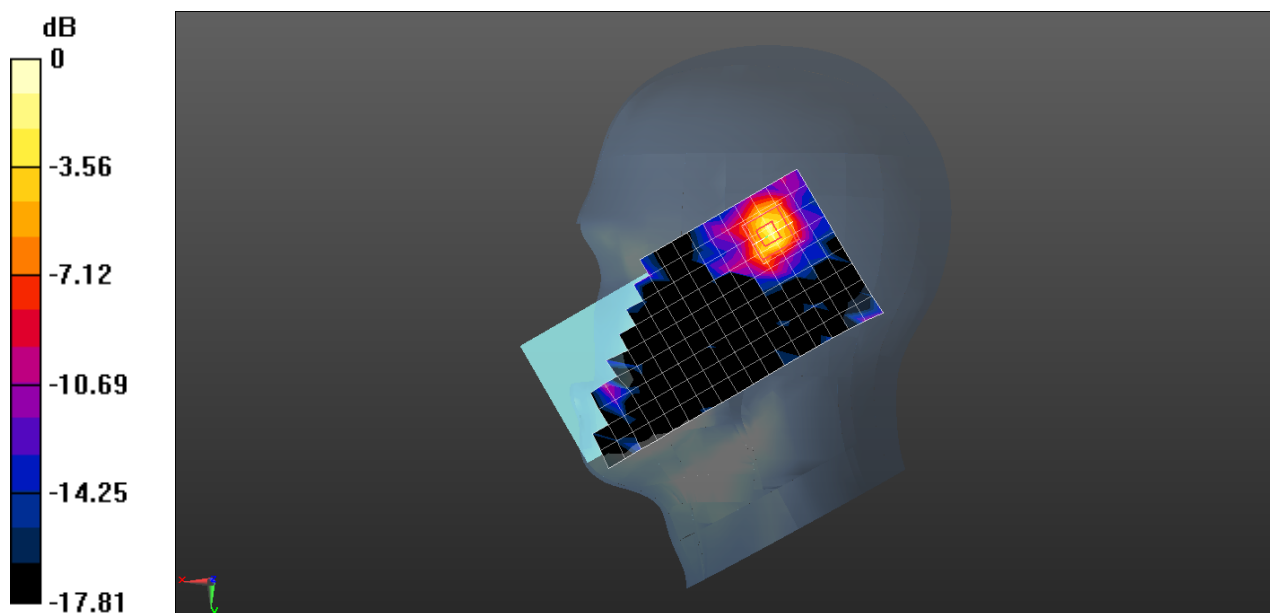
Configuration/Head/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.337 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.420 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11a 132CH Front side 15mm Ant2

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

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL5000; Medium parameters used: $f = 5660$ MHz; $\sigma = 5.883$ S/m; $\epsilon_r = 48.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.45, 4.45, 4.45); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- 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/Body/Area Scan (11x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.107 W/kg

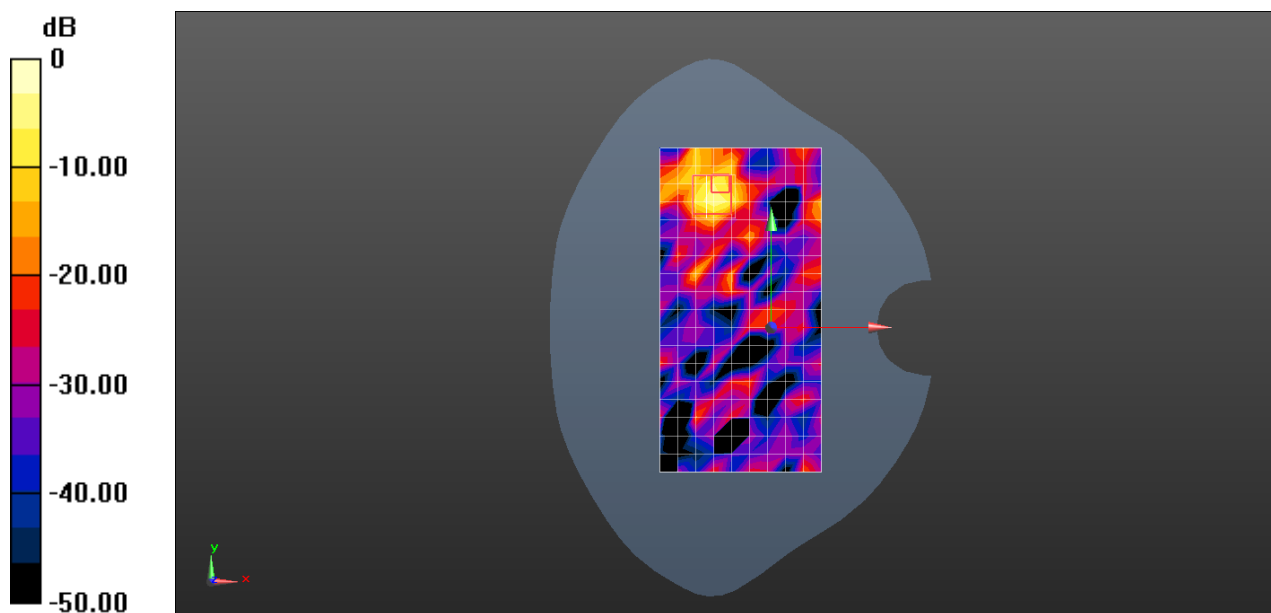
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.2750 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.104 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11a 149CH Front side 10mm Ant2

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

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL5000; Medium parameters used: $f = 5745$ MHz; $\sigma = 5.907$ S/m; $\epsilon_r = 48.372$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.59, 4.59, 4.59); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- 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/Body/Area Scan (10x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.138 W/kg

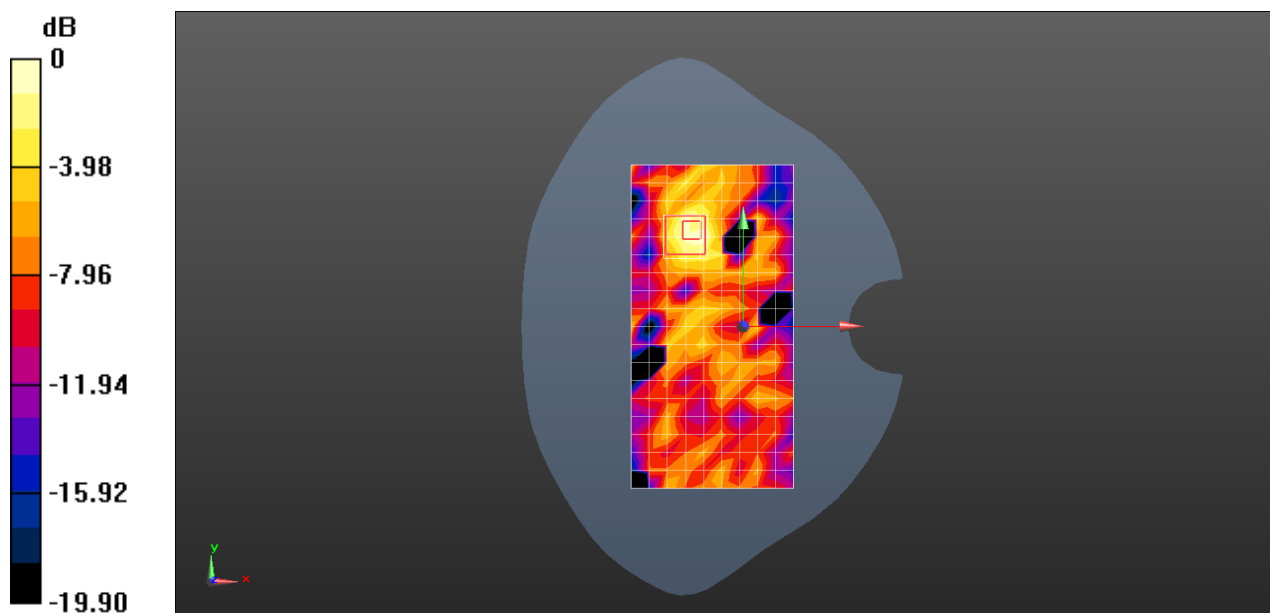
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.589 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 Wifi 802.11a 132CH Front side 0mm Ant2

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

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL5000; Medium parameters used: $f = 5660$ MHz; $\sigma = 5.883$ S/m; $\epsilon_r = 48.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.45, 4.45, 4.45); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- 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/Body/Area Scan (10x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.96 W/kg

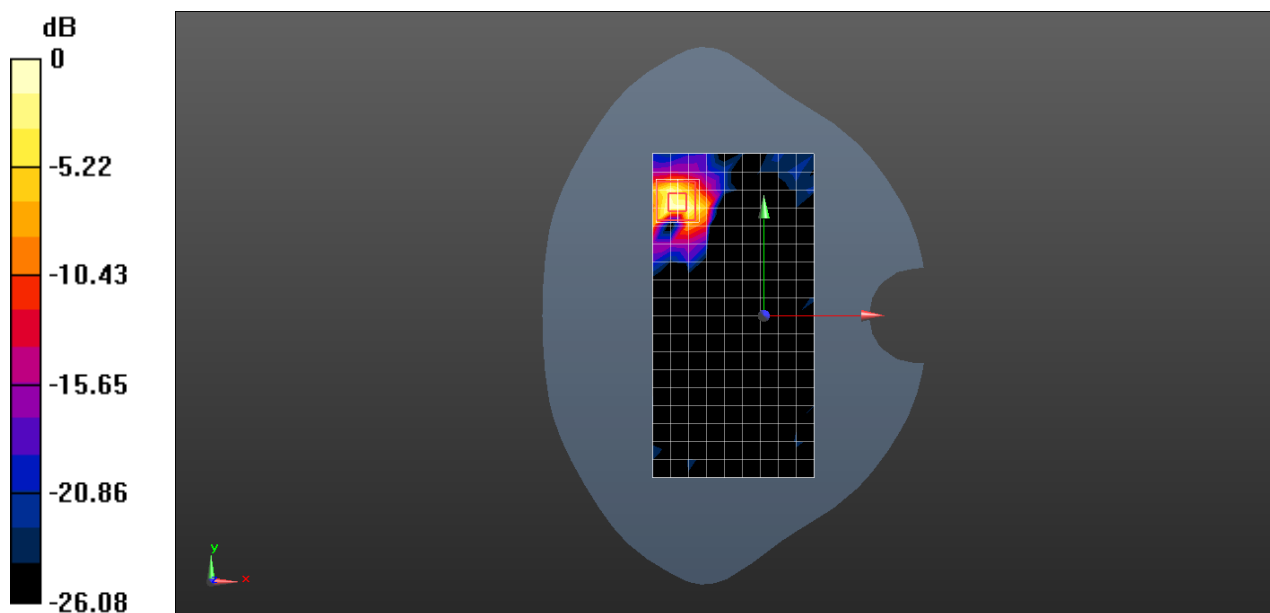
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.7020 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 2.22 W/kg



0 dB = 2.22 W/kg = 3.46 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-04 Bluetooth DH5 58CH Left cheek

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

Communication System: UID 0, Bluetooth (0); Frequency: 2460 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2460$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 40.386$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.62, 7.62, 7.62); 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 (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.162 W/kg

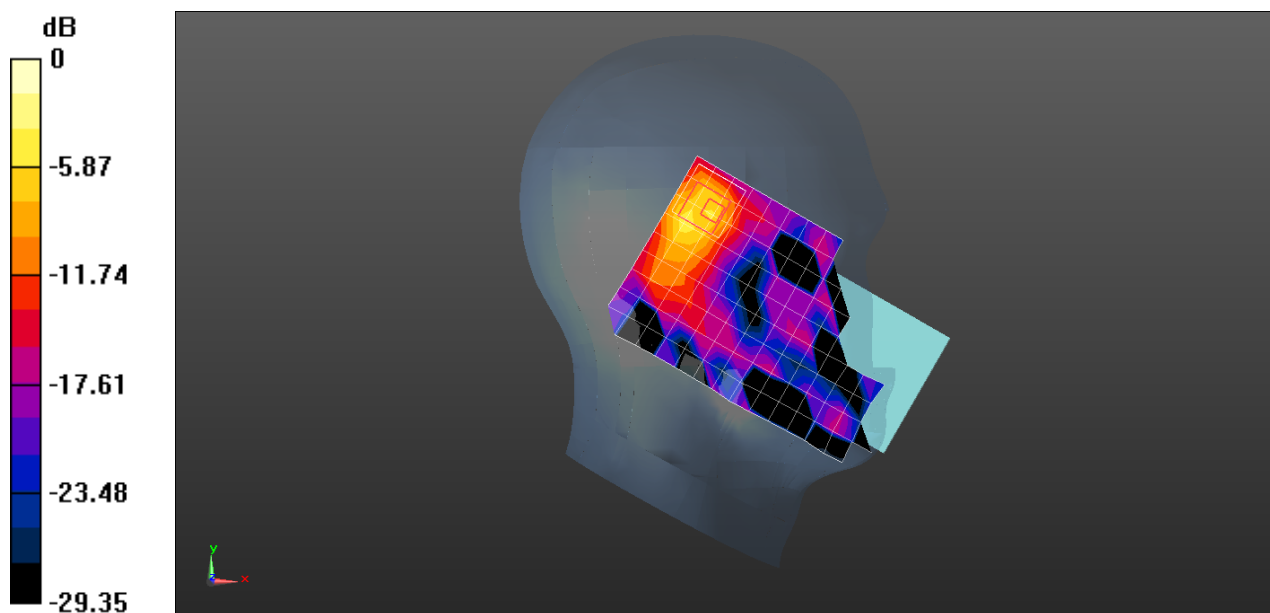
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.344 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg = -3.63 dBW/kg

Test Laboratory: SGS-SAR Lab

CLT-L04 Bluetooth DH5 11CH Back side 15mm

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

Communication System: UID 0, Bluetooth (0); Frequency: 2413 MHz; Duty Cycle: 1:1

Medium: MSL2450; Medium parameters used: $f = 2413$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 51.529$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.0150 W/kg

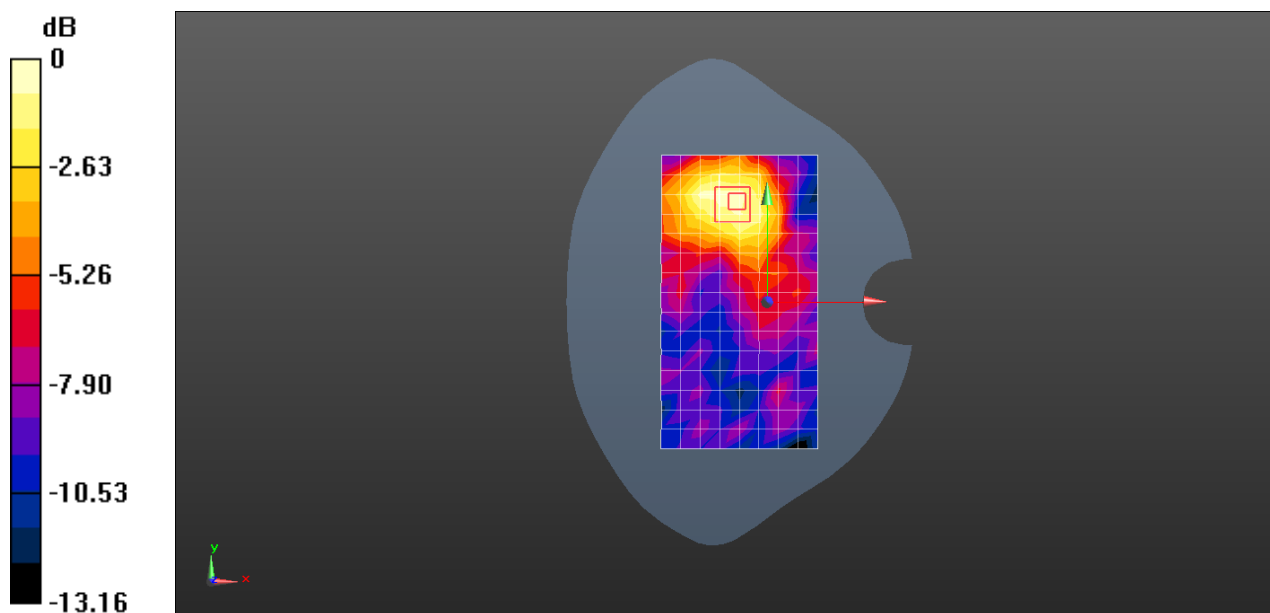
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.7520 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00696 W/kg

Maximum value of SAR (measured) = 0.0164 W/kg



Test Laboratory: SGS-SAR Lab

CLT-L04 Bluetooth DH5 11CH Top side 10mm

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

Communication System: UID 0, Bluetooth (0); Frequency: 2413 MHz; Duty Cycle: 1:1

Medium: MSL2450; Medium parameters used: $f = 2413$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 51.529$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.15, 7.15, 7.15); 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 (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

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

Reference Value = 5.976 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0616 W/kg

