

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 7 20M QPSK 1RB 99 Offset 21350CH Bottom Side 10mm with Battery2-Second Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 37.837$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(7.19, 7.19, 7.19) @ 2560 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

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

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

Reference Value = 24.30 V/m; Power Drift = 0.06 dB

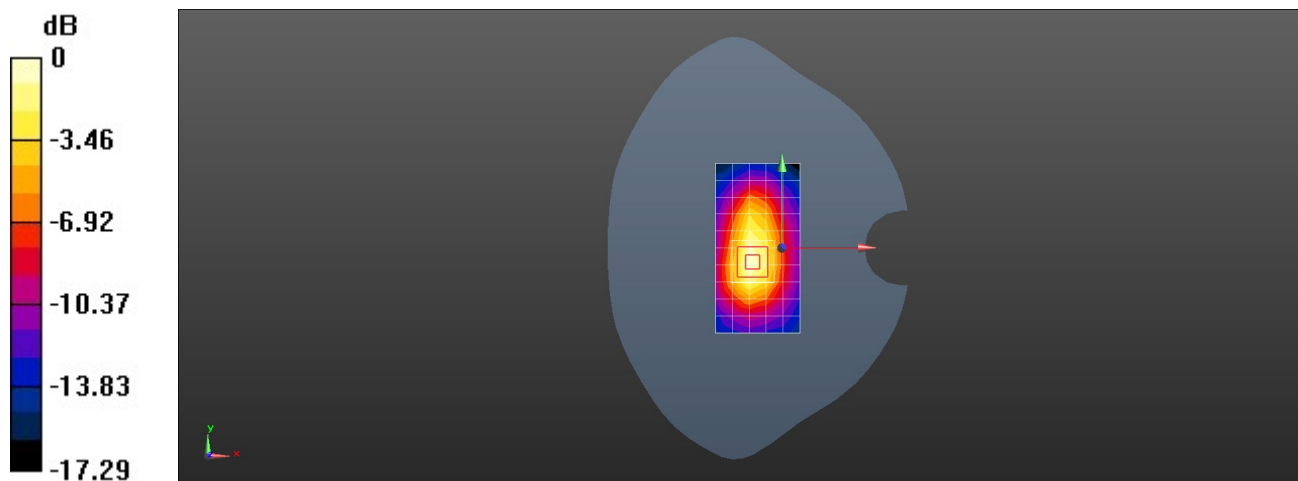
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.417 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.4%

Maximum value of SAR (measured) = 1.29 W/kg



Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 7 20M QPSK 1RB 99 Offset 21100CH Left Side 10mm with Battery2-Main Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR5

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 37.899$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(7.19, 7.19, 7.19) @ 2535 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

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

Reference Value = 10.22 V/m; Power Drift = 0.07 dB

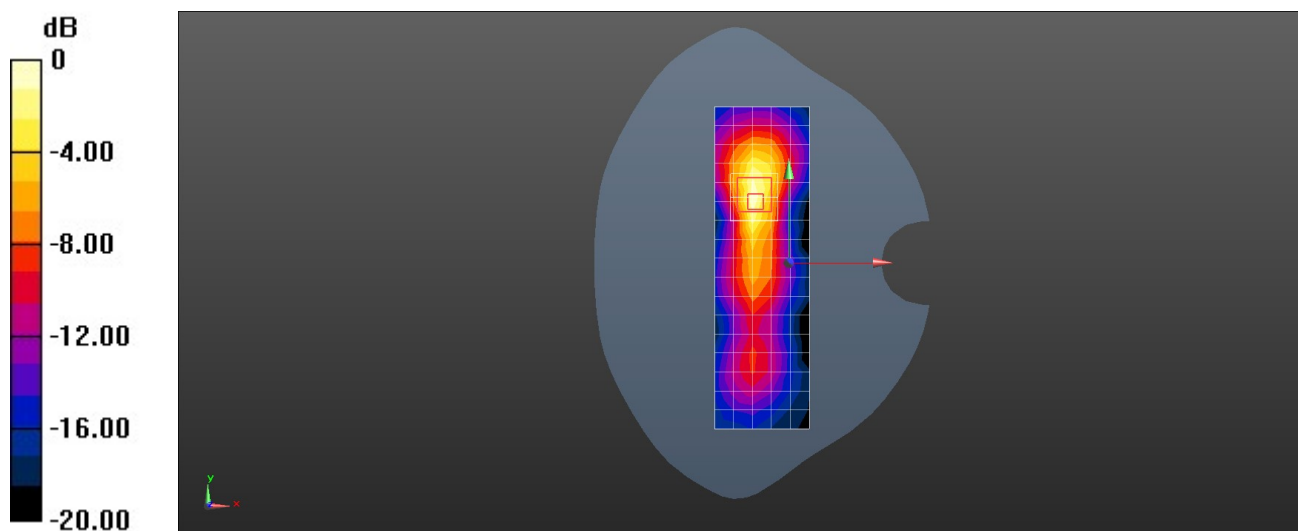
Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.188 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 49.4%

Maximum value of SAR (measured) = 0.738 W/kg



0 dB = 0.738 W/kg = -1.32 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 12 10M QPSK 1RB 0 Offset 23130CH Right Cheek-Second Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 41.937$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.49, 10.49, 10.49) @ 711 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

Reference Value = 7.055 V/m; Power Drift = 0.01 dB

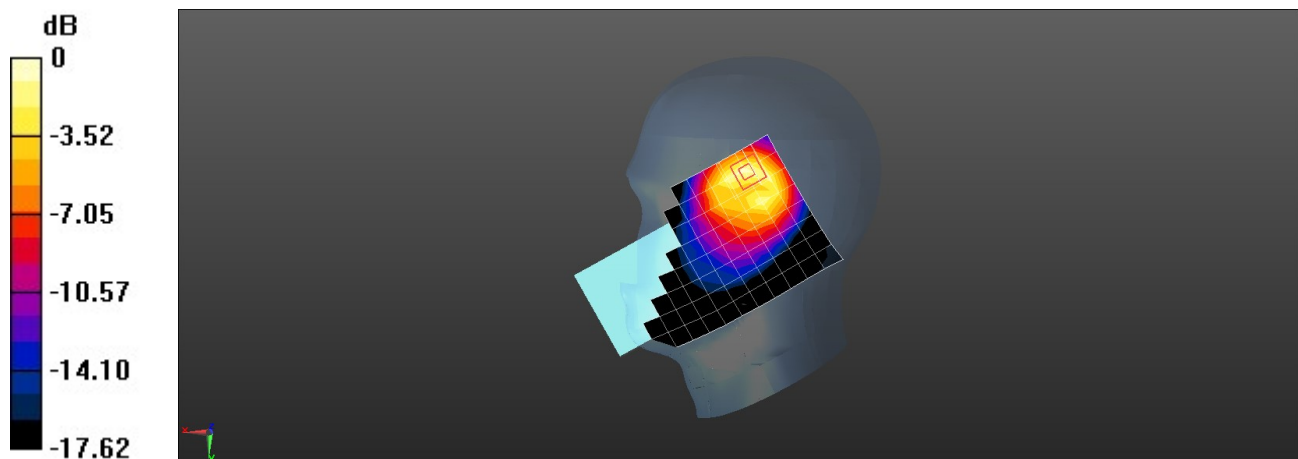
Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.041 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 40.8%

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg = -8.57 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 12 10M QPSK 1RB 0 Offset 23095CH Left Cheek-Main Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 41.949$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.49, 10.49, 10.49) @ 707.5 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0861 W/kg

Configuration/Body/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.831 V/m; Power Drift = 0.02 dB

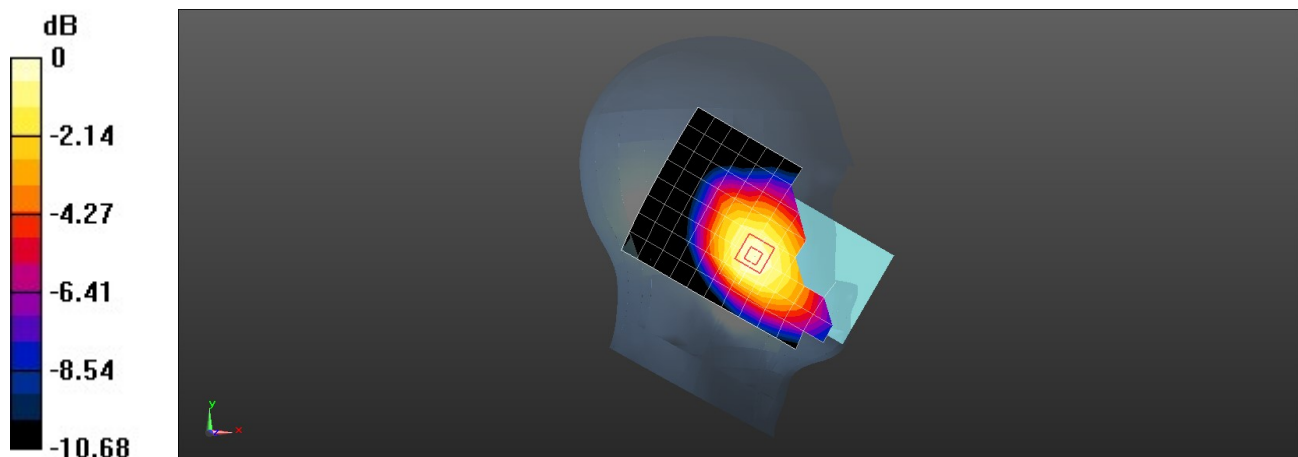
Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.056 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78.7%

Maximum value of SAR (measured) = 0.0872 W/kg



0 dB = 0.0872 W/kg = -10.59 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 12 10M QPSK 1RB 0 Offset 23130CH Back Side 15mm-Second Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 41.937$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.49, 10.49, 10.49) @ 711 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0433 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.178 V/m; Power Drift = -0.09 dB

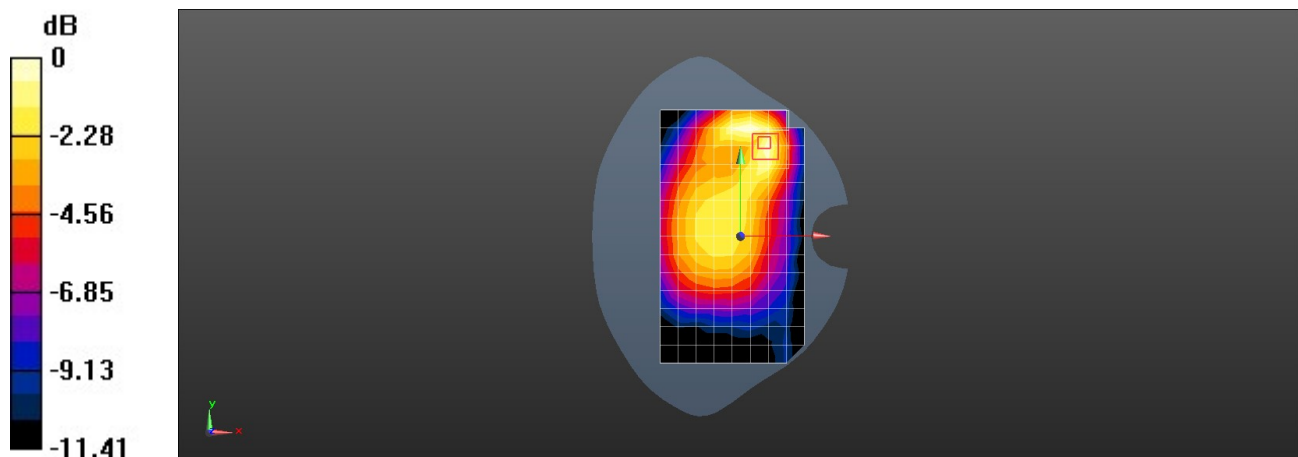
Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.018 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 0.0423 W/kg



0 dB = 0.0423 W/kg = -13.74 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 12 10M QPSK 1RB 0 Offset 23095CH Back Side 15mm-Main Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 41.949$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.49, 10.49, 10.49) @ 707.5 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.278 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.88 V/m; Power Drift = -0.02 dB

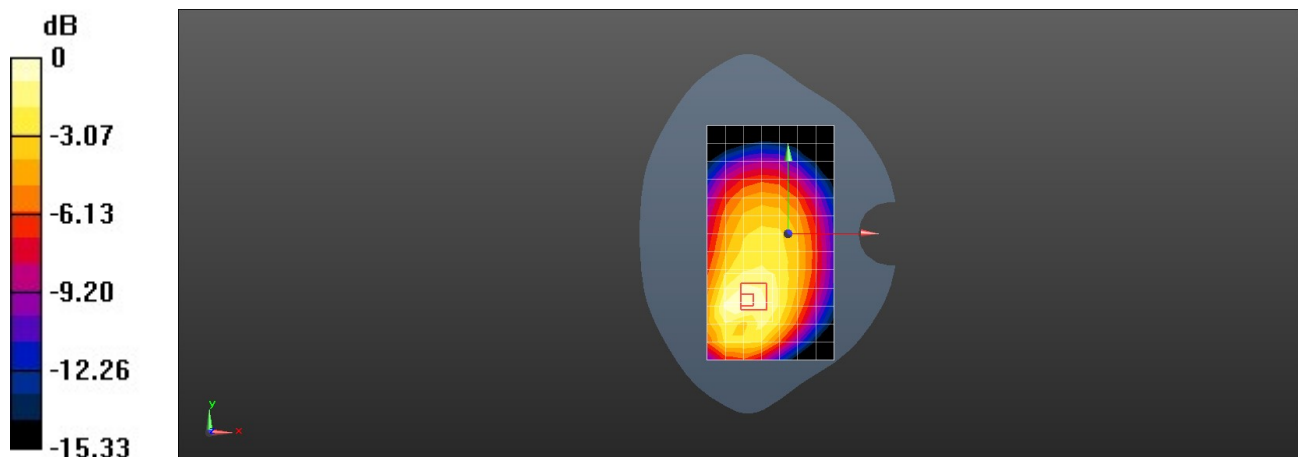
Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.143 W/kg

Smallest distance from peaks to all points 3 dB below = 26.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.4%

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 12 10M QPSK 1RB 0 Offset 23130CH Back Side 10mm-Second Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 41.937$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.49, 10.49, 10.49) @ 711 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.0966 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.934 V/m; Power Drift = -0.04 dB

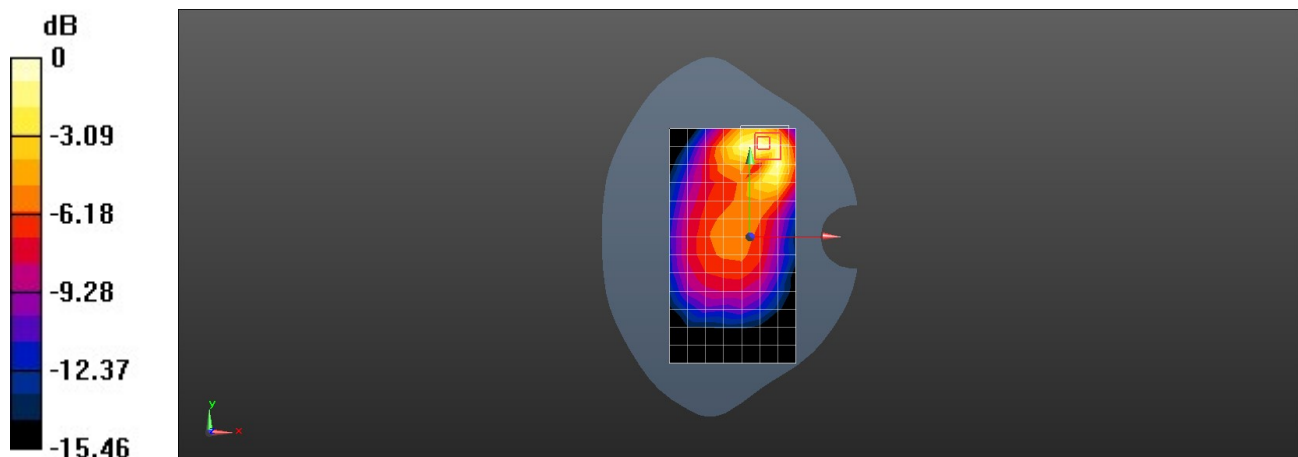
Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.034 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 48%

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



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

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 12 10M QPSK 1RB 0 Offset 23095CH Back Side 10mm-Main Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 41.949$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.49, 10.49, 10.49) @ 707.5 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.404 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.77 V/m; Power Drift = -0.01 dB

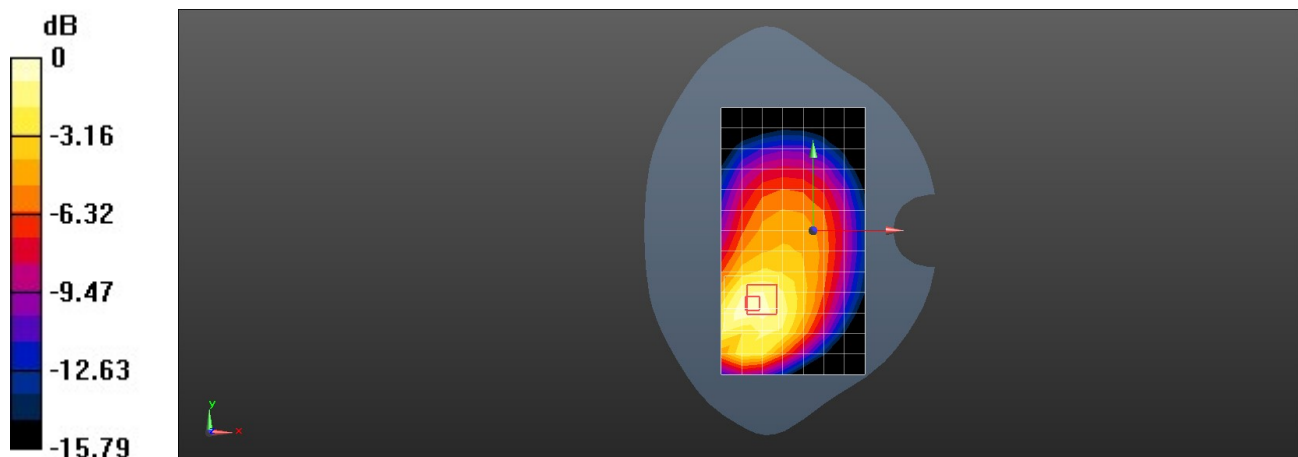
Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.191 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 0.430 W/kg



0 dB = 0.430 W/kg = -3.67 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 26 15M QPSK 1RB 0 Offset 26865CH Right Tilt-Second Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 831$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 41.546$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.1, 10.1, 10.1) @ 831.5 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.429 V/m; Power Drift = 0.01 dB

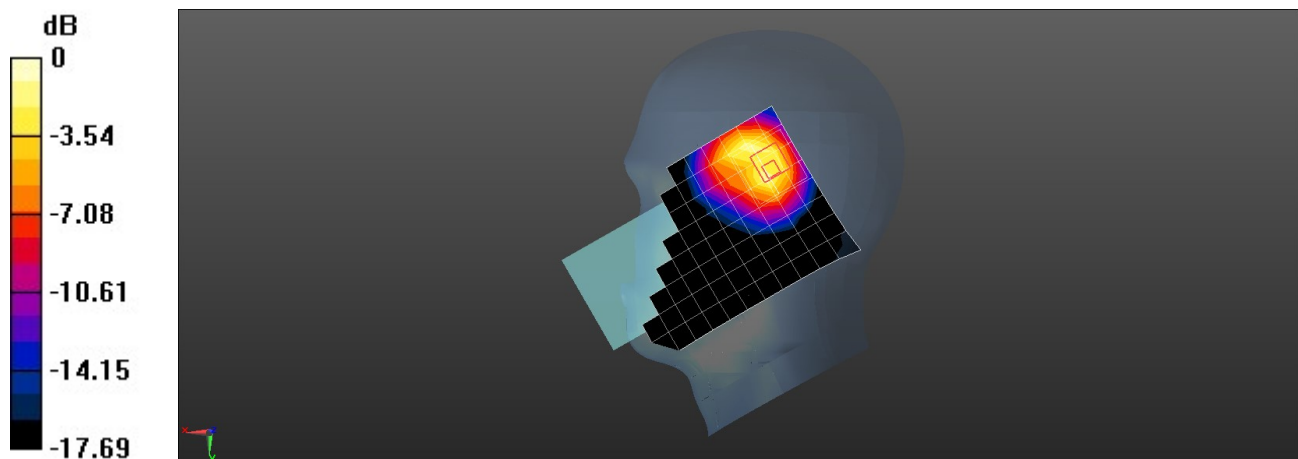
Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.039 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 39.2%

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



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

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 26 15M QPSK 1RB 0 Offset 26865CH Left Cheek-Main Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 831 \text{ MHz}$; $\sigma = 0.941 \text{ S/m}$; $\epsilon_r = 41.546$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.1, 10.1, 10.1) @ 831.5 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.101 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 = 3.338 V/m; Power Drift = 0.03 dB

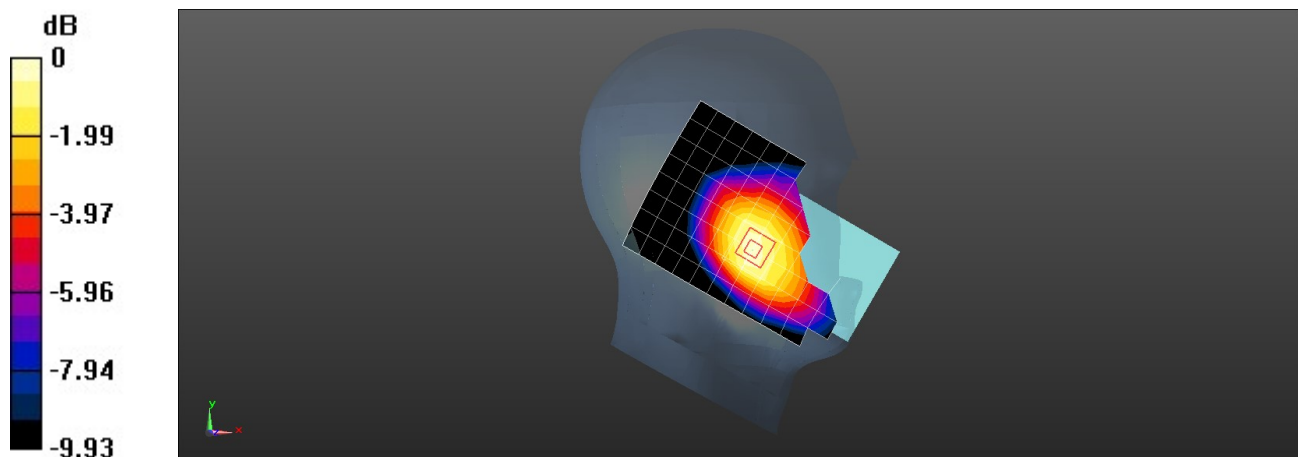
Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.064 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78.7%

Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg = -9.96 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 26 15M QPSK 1RB 0 Offset 26865CH Back Side 15mm-Second Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 831 \text{ MHz}$; $\sigma = 0.941 \text{ S/m}$; $\epsilon_r = 41.546$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.1, 10.1, 10.1) @ 831.5 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0352 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 = 4.415 V/m; Power Drift = 0.00 dB

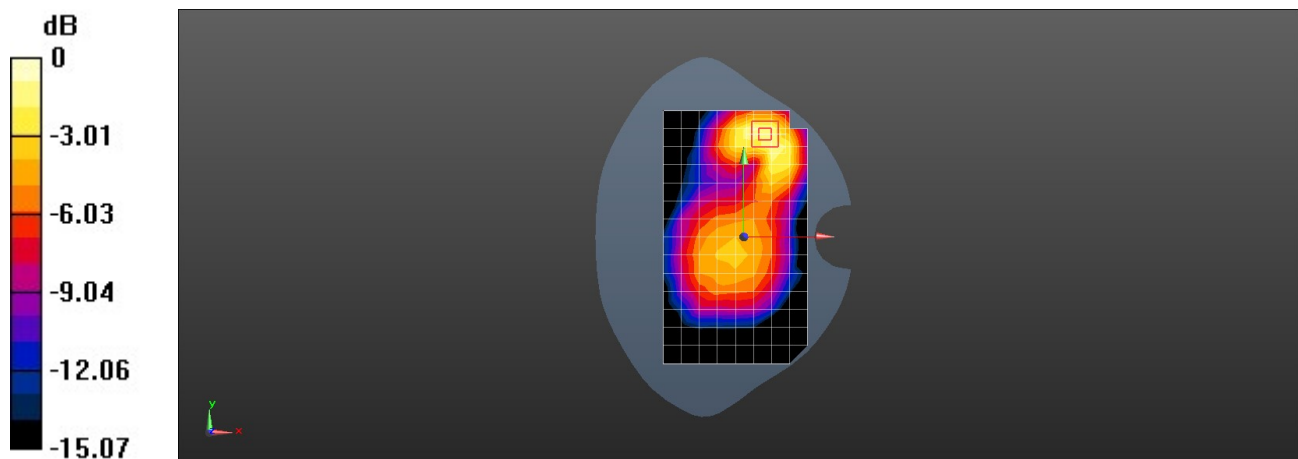
Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 0.0425 W/kg



0 dB = 0.0425 W/kg = -13.72 dBW/kg

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 26 15M QPSK 1RB 0 Offset 26865CH Back Side 15mm-Main Antenna

DUT: NEN-LX3; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 831$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 41.546$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.1, 10.1, 10.1) @ 831.5 MHz; Calibrated: 2020-11-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1235; Calibrated: 2020-11-27
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.223 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.05 V/m; Power Drift = -0.02 dB

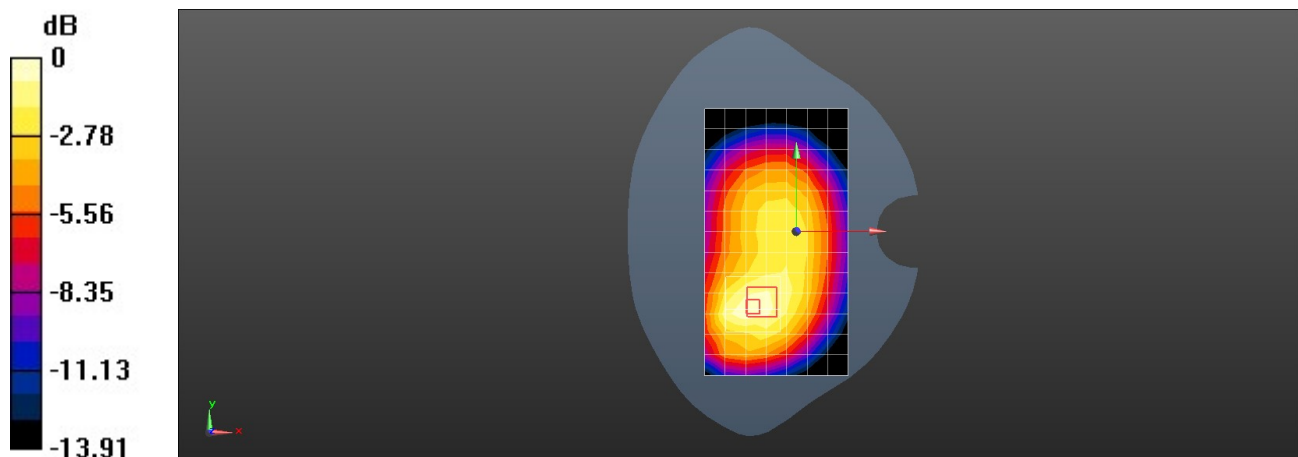
Peak SAR (extrapolated) = 0.261 W/kg

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

Smallest distance from peaks to all points 3 dB below = 24.9 mm

Ratio of SAR at M2 to SAR at M1 = 64.5%

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



0 dB = 0.231 W/kg = -6.36 dBW/kg