Date: 2021-01-25

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 26 15M QPSK 1RB 0 Offset 26865CH Back Side 10mm-Second Antenna

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

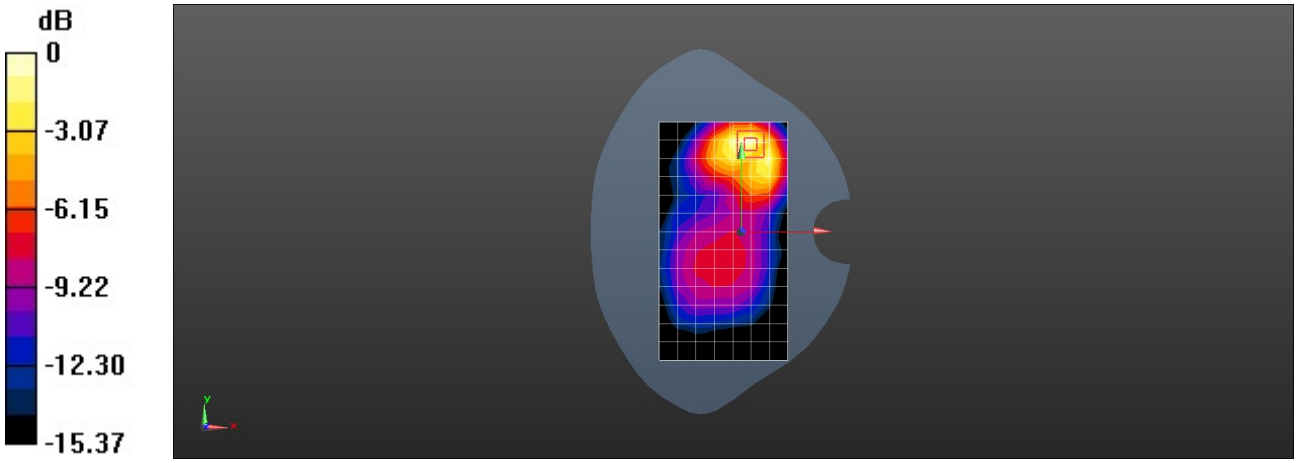
Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831 MHz; σ = 0.941 S/m; ε_r = 41.546; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0952 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.280 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.036 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 51.6%
Maximum value of SAR (measured) = 0.103 W/kg



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

Date: 2021-01-25

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 26 15M QPSK 1RB 0 Offset 26865CH Back Side 10mm-Main Antenna

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

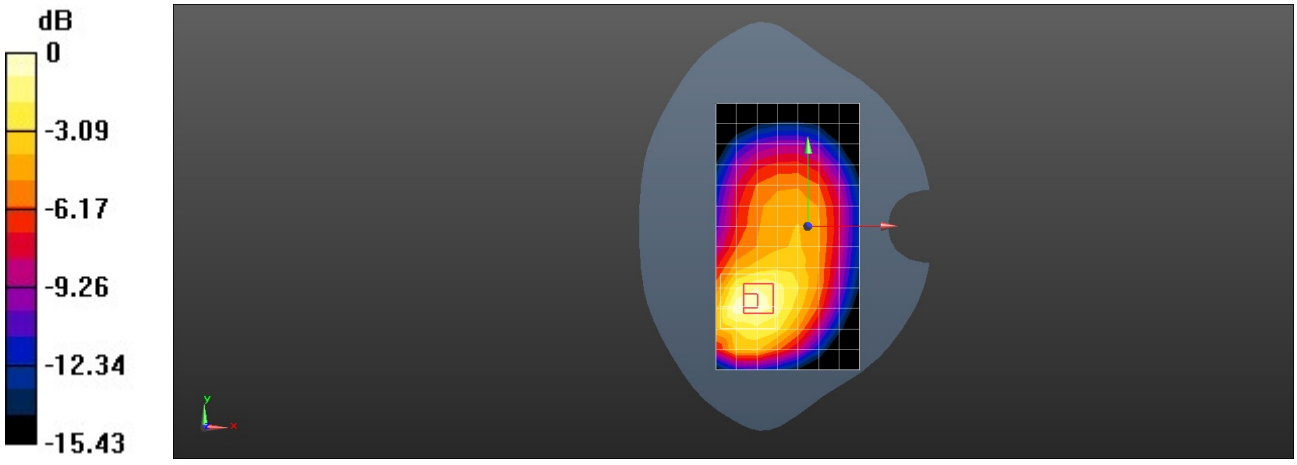
Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831 MHz; σ = 0.941 S/m; ε_r = 41.546; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.387 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.63 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.491 W/kg
SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.186 W/kg
Smallest distance from peaks to all points 3 dB below = 16.5 mm
Ratio of SAR at M2 to SAR at M1 = 57.2%
Maximum value of SAR (measured) = 0.412 W/kg



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

Date: 2021-01-25

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 66 20M QPSk 1RB 50 Offset 132322CH Right Tilt 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: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 38.498; ρ = 1000 kg/m$^{3==}$

Phantom section: Right Section

DASY Configuration:

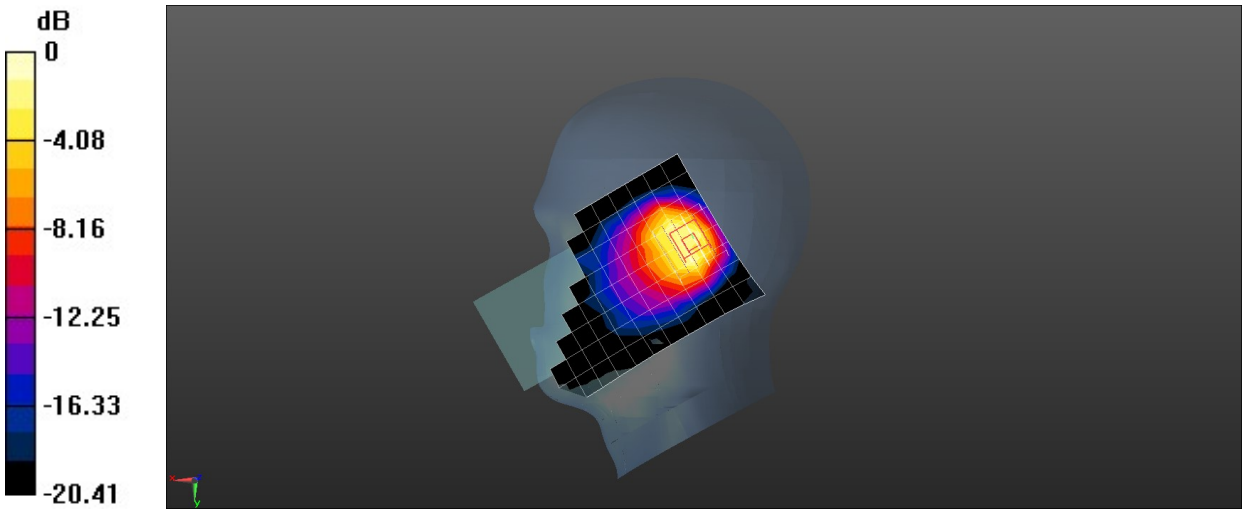
- Probe: EX3DV4 - SN7505; ConvF(8.31, 8.31, 8.31) @ 1745 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.647 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.23 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.300 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 58.4%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.831 W/kg



0 dB = 0.831 W/kg = -0.80 dBW/kg

Date: 2021-01-25

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 66 20M QPSk 1RB 50 Offset 132322CH Left Cheek 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: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 38.498; ρ = 1000 kg/m$^{3=}$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(8.31, 8.31, 8.31) @ 1745 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 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/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.848 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.051 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 = 68.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0954 W/kg

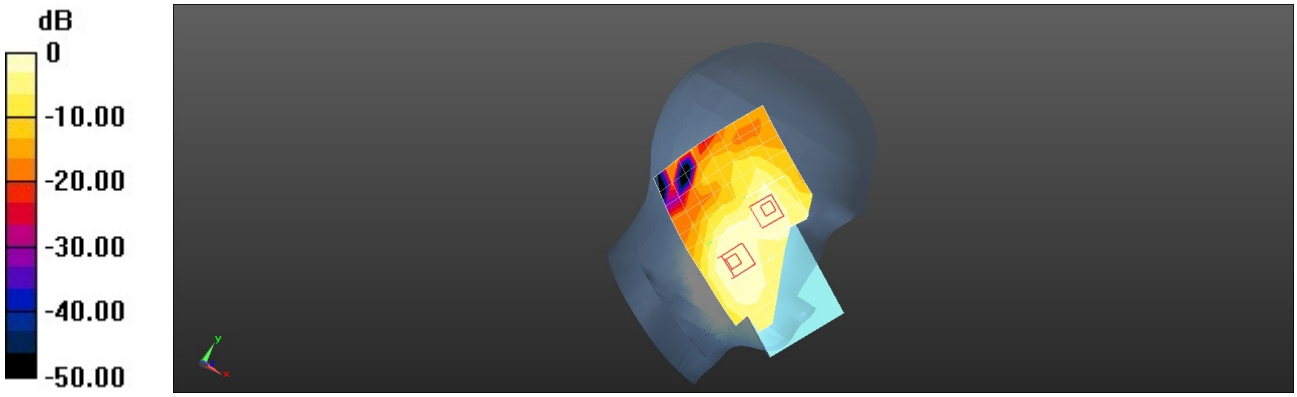
Configuration/Head/Zoom Scan (6x6x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.848 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0820 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.037 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 66.2%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0715 W/kg

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0776 W/kg



0 dB = 0.0776 W/kg = -11.10 dBW/kg

Date: 2021-01-25

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 66 20M QPSk 50%RB 25 Offset 132322CH Back Side 15mm 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: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 38.498; ρ = 1000 kg/m$^{3=}$
Phantom section: Flat Section

DASY Configuration:

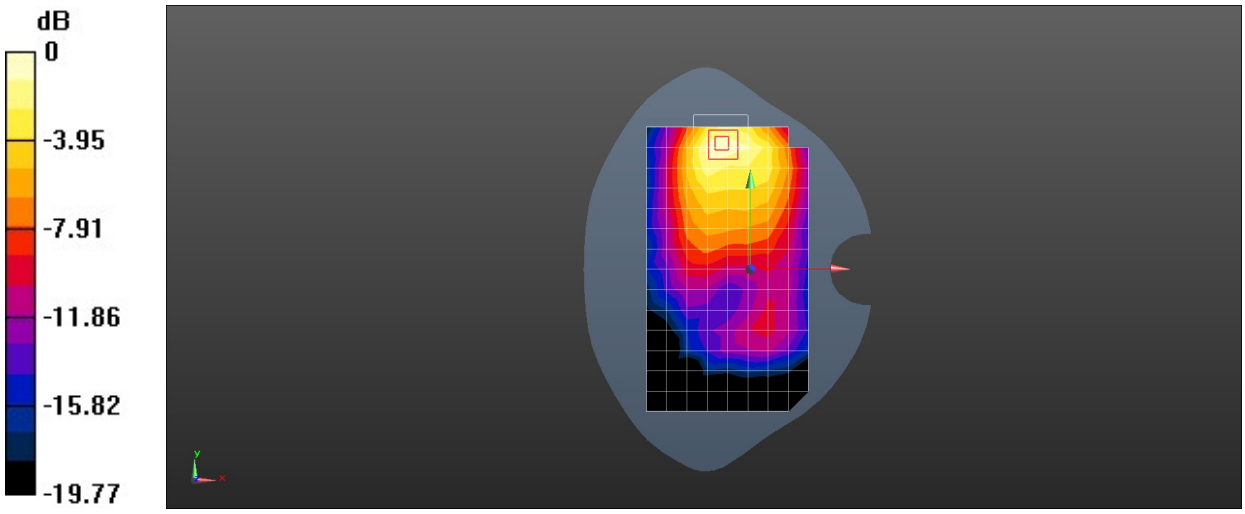
- Probe: EX3DV4 - SN7505; ConvF(8.31, 8.31, 8.31) @ 1745 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.240 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.881 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.112 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.255 W/kg = -5.93 dBW/kg

Date: 2021-01-25

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 66 20M QPSK 1RB 0 Offset 132322CH Back Side 15mm 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: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 38.498; ρ = 1000 kg/m$^{3==}$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(8.31, 8.31, 8.31) @ 1745 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 (9x15x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.253 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.979 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.119 W/kg
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 61.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.265 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.979 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.118 W/kg
Smallest distance from peaks to all points 3 dB below = 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.271 W/kg

Date: 2021-01-26

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 66 20M QPSk 1RB 0 Offset 132322CH Back Side 15mm 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: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 38.498; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(8.31, 8.31, 8.31) @ 1745 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 (9x15x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.253 W/kg

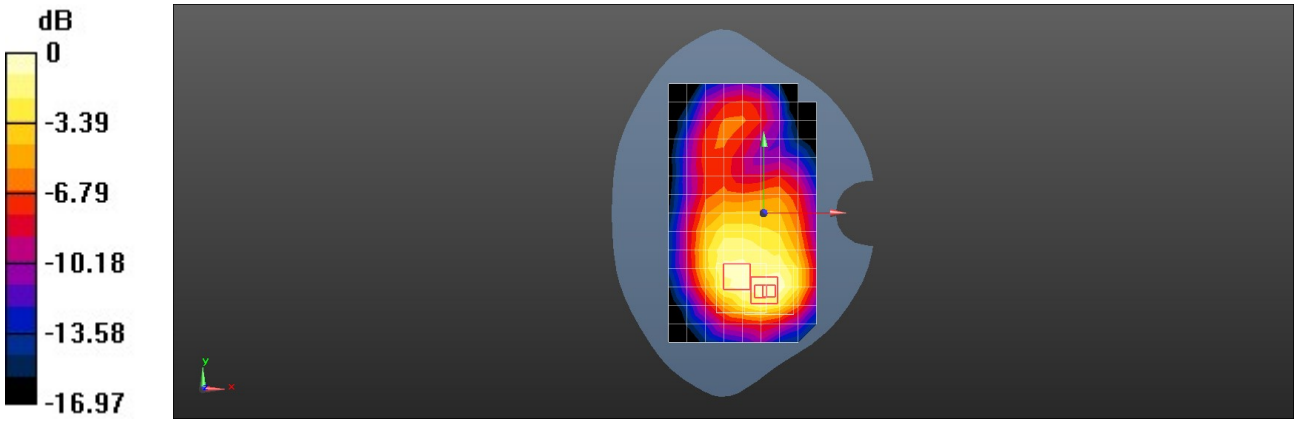
Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.979 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.119 W/kg
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 61.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.265 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.979 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.118 W/kg
Smallest distance from peaks to all points 3 dB below = 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.66 dBW/kg

Date: 2021-01-26

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 66 20M QPSK 1RB 0 Offset 132322CH Top 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: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 38.498; ρ = 1000 kg/m$^{3==}$

Phantom section: Flat Section

DASY Configuration:

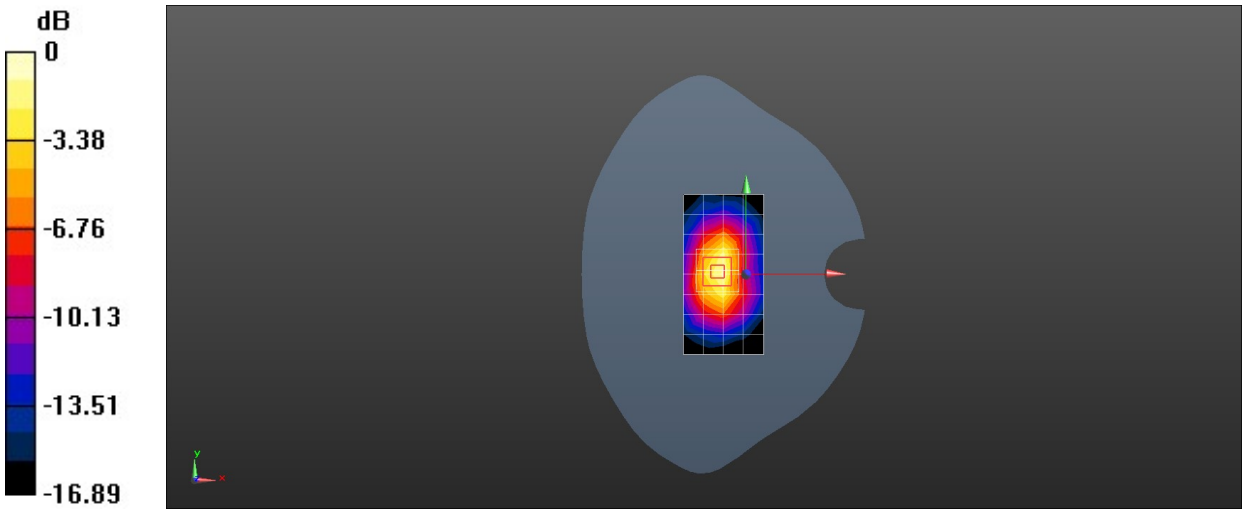
- Probe: EX3DV4 - SN7505; ConvF(8.31, 8.31, 8.31) @ 1745 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.382 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.27 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.543 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.155 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 56.9%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.462 W/kg



0 dB = 0.462 W/kg = -3.35 dBW/kg

Date: 2021-01-26

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 LTE Band 66 20M QPSK 1RB 0 Offset 132322CH Bottom 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: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 38.498; ρ = 1000 kg/m$^{3==}$

Phantom section: Flat Section

DASY Configuration:

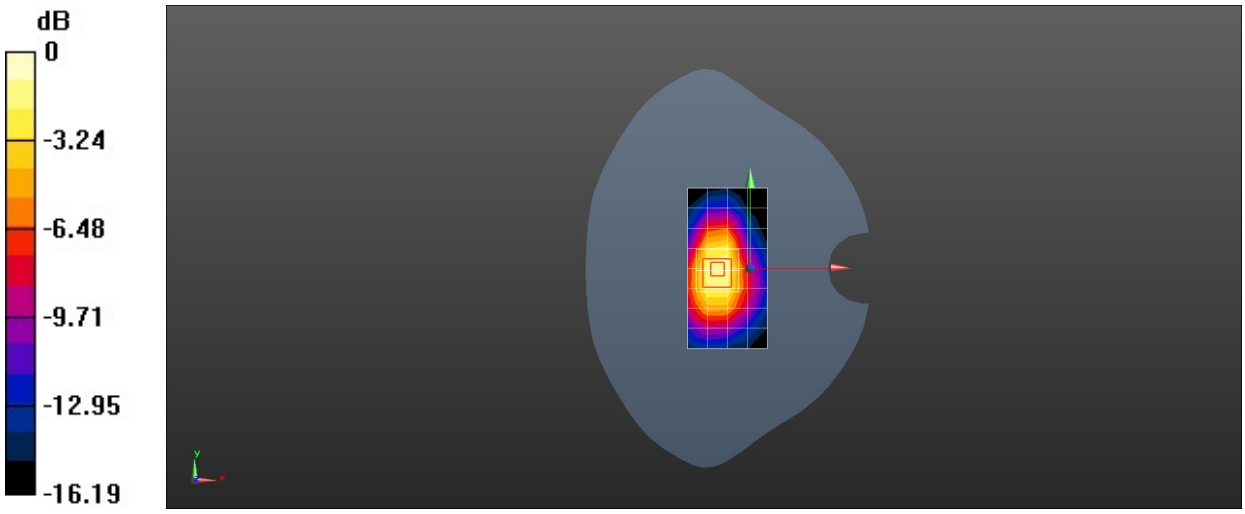
- Probe: EX3DV4 - SN7505; ConvF(8.31, 8.31, 8.31) @ 1745 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.399 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.54 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.609 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.199 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 59.1%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.520 W/kg = -2.84 dBW/kg

Date: 2021-01-26

Place of testing: HUAWEI SAR/HAC Lab

NEN-LX3 2.4G Wi-Fi 802.11b 6CH Left Cheek

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

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.00972
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.828 S/m; ε_r = 37.725; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

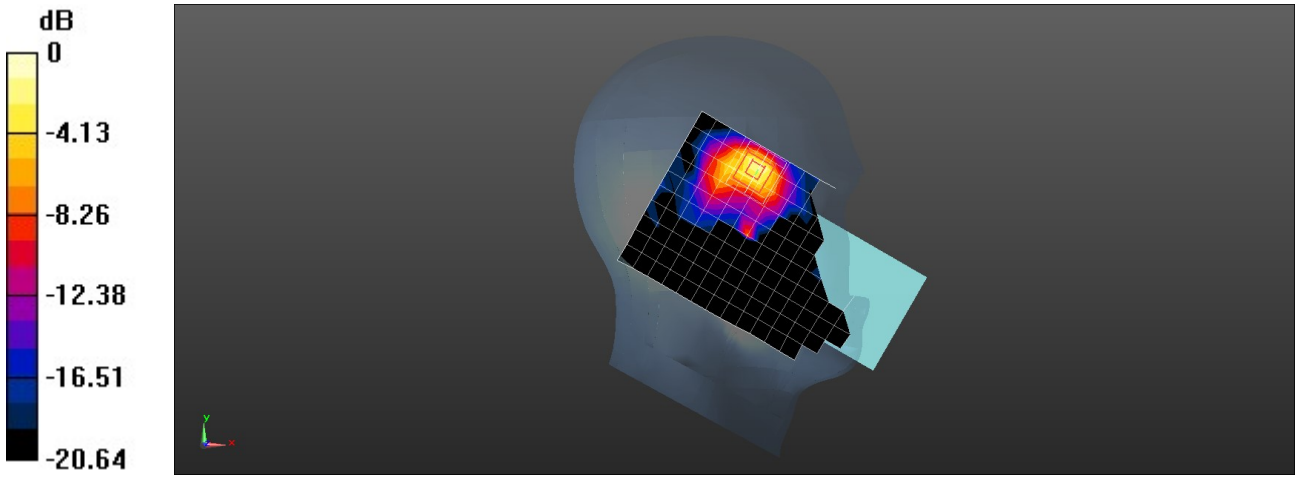
- Probe: EX3DV4 - SN7505; ConvF(7.42, 7.42, 7.42) @ 2437 MHz; Calibrated: 2020-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1492; Calibrated: 2020-07-29
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.124 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.69 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.042 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 45.4%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.186 W/kg



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