



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd

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Rev.: 01

Appendix B

Detailed Test Results

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Member of the SGS Group (SGS SA)

Test Laboratory: SGS-SAR Lab

N950S LTE Band 7 QPSK 20M 1RB0 21100CH Back side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

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

Medium: HSL2600;Medium parameters used: $f = 2535$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 38.46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.814 W/kg

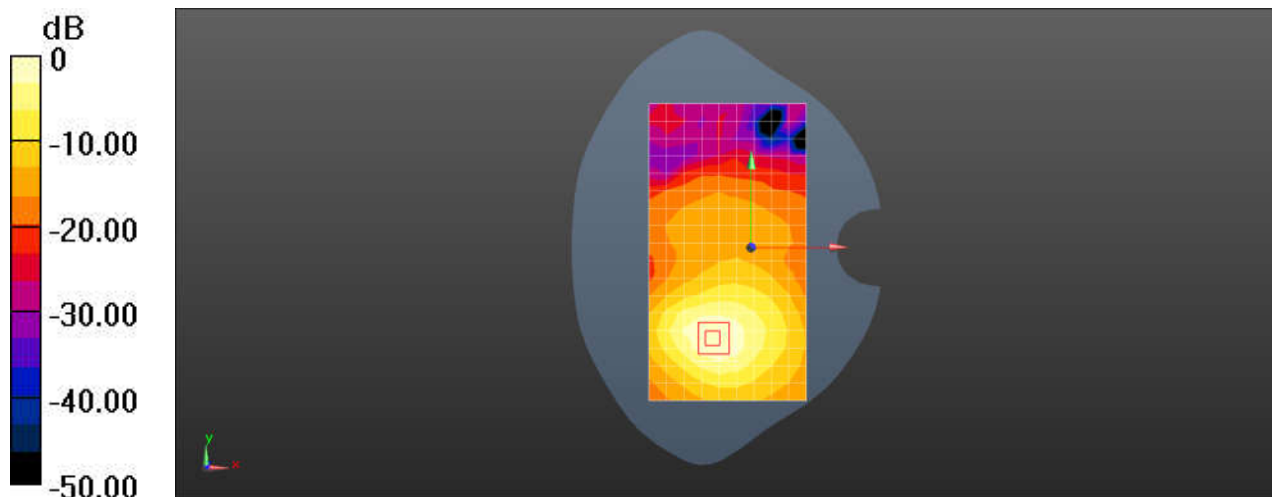
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.406 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S LTE Band 7 QPSK 20M 1RB0 21100CH Back side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

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

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 38.46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 3.19 W/kg

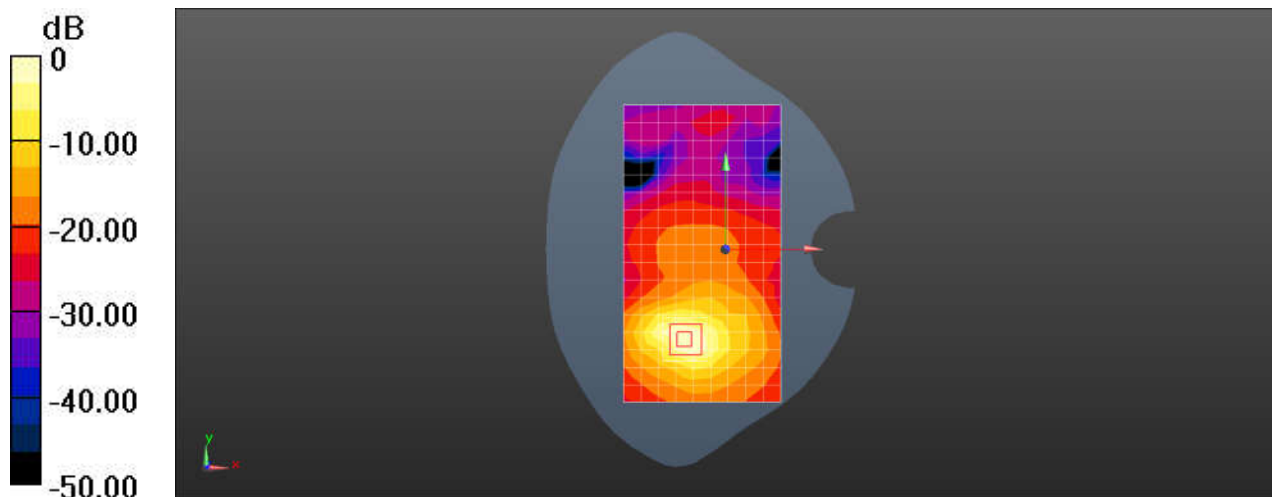
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.231 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.03 W/kg

Maximum value of SAR (measured) = 3.69 W/kg



0 dB = 3.19 W/kg = 5.04 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S LTE Band 12 QPSK 10M 1RB0 23095CH Back side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

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

Medium: HSL750;Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 43.626$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.29, 9.29, 9.29); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.213 W/kg

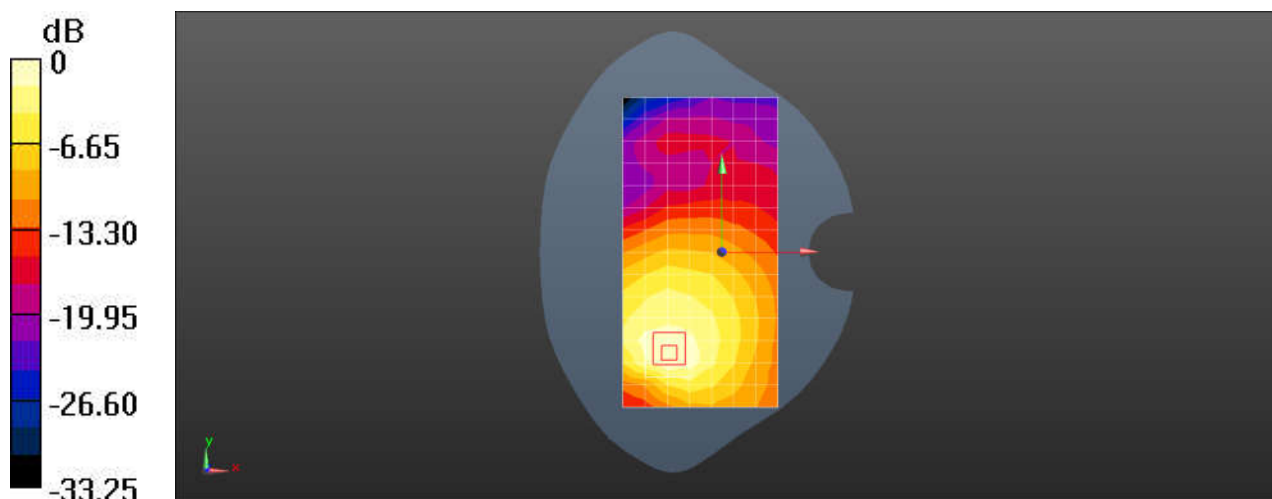
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.217 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.098 W/kg

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



Test Laboratory: SGS-SAR Lab

N950S LTE Band 12 QPSK 10M 1RB0 23095CH Back side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

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

Medium: HSL750; Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.85$ S/m; $\epsilon_r = 43.626$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.29, 9.29, 9.29); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.96 W/kg

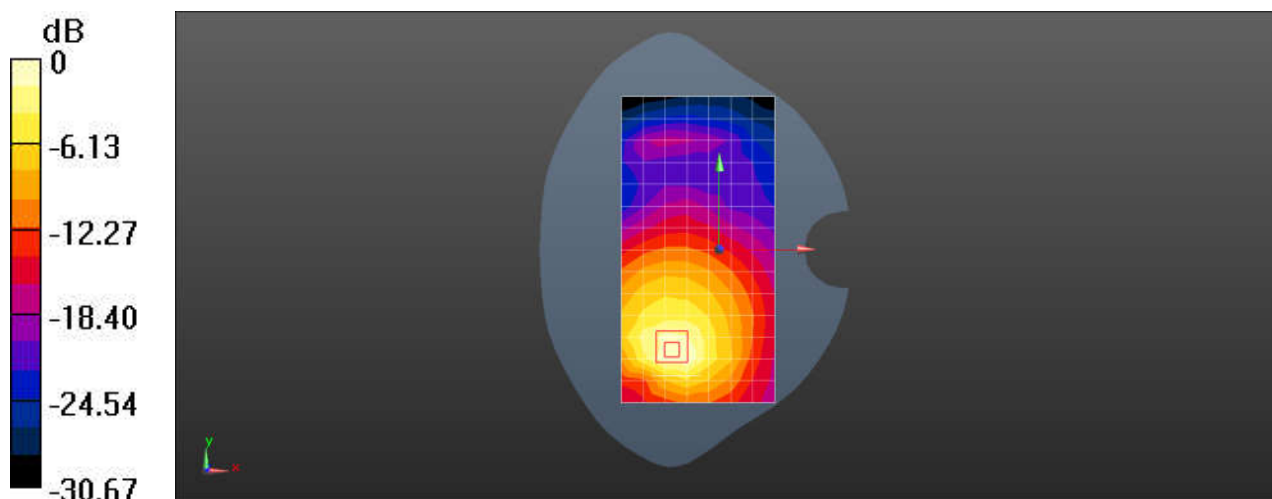
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.22 W/kg

SAR(1 g) = 1.77 W/kg; SAR(10 g) = 0.885 W/kg

Maximum value of SAR (measured) = 3.10 W/kg



Test Laboratory: SGS-SAR Lab

N950S LTE Band 13 QPSK 10M 1RB0 23230CH Back side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 42.187$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.29, 9.29, 9.29); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.494 W/kg

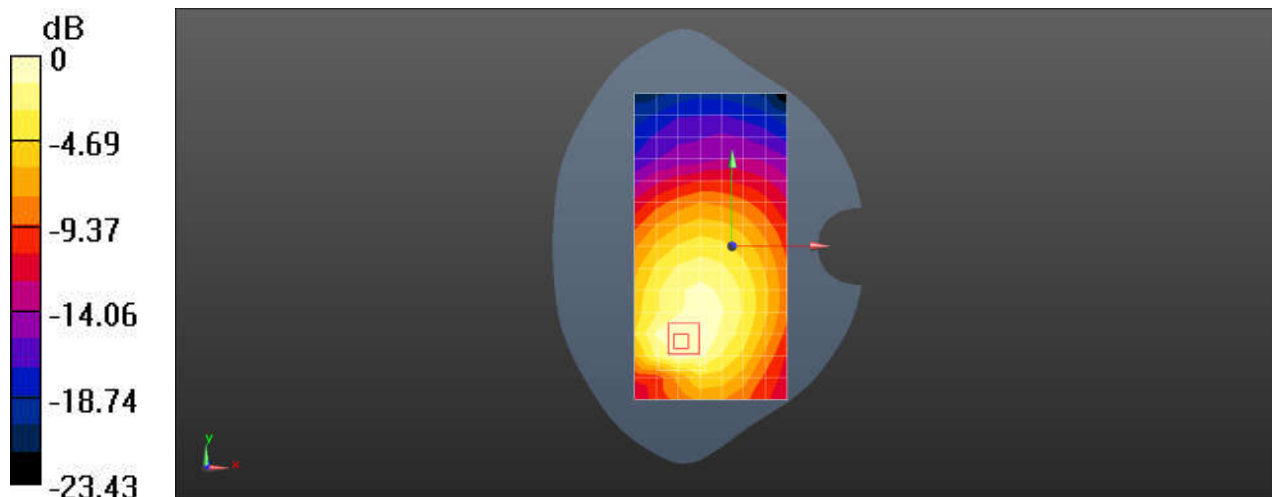
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.28 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.418 W/kg ; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 0.618 W/kg



0 dB = $0.494 \text{ W/kg} = -3.06 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

N950S LTE Band 13 QPSK 10M 1RB0 23230CH Bottom side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 42.187$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.29, 9.29, 9.29); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 2.95 W/kg

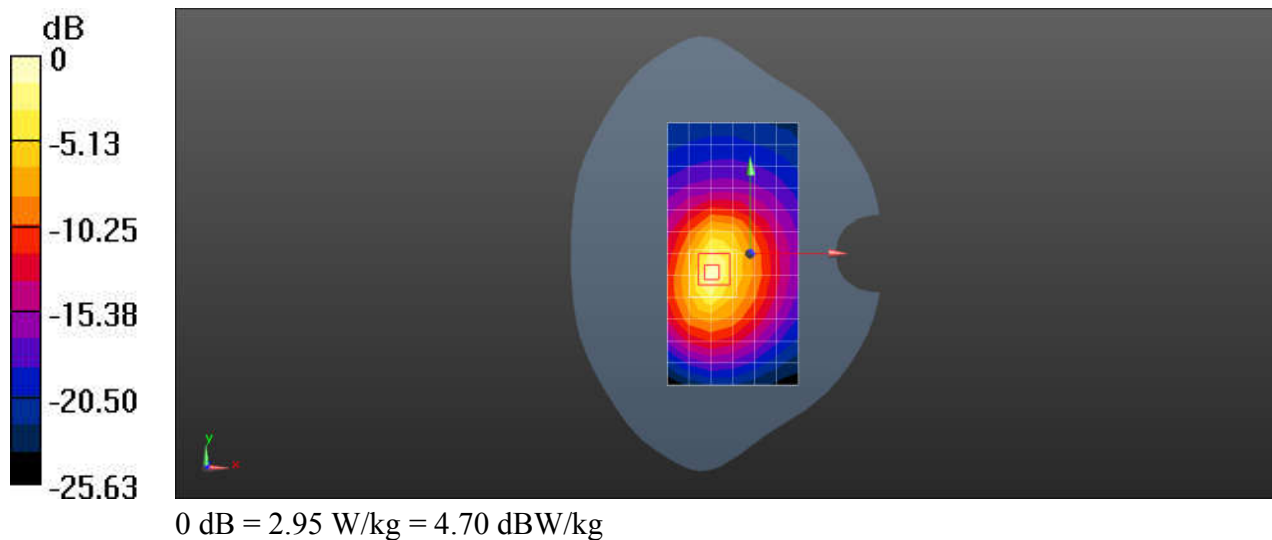
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.83 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 1.31 W/kg ; SAR(10 g) = 0.639 W/kg

Maximum value of SAR (measured) = 2.63 W/kg



Test Laboratory: SGS-SAR Lab

N950S LTE Band 25 QPSK 20M 1RB50 26365CH Back side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL1950; Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 40.744$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.57, 7.57, 7.57); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.747 W/kg

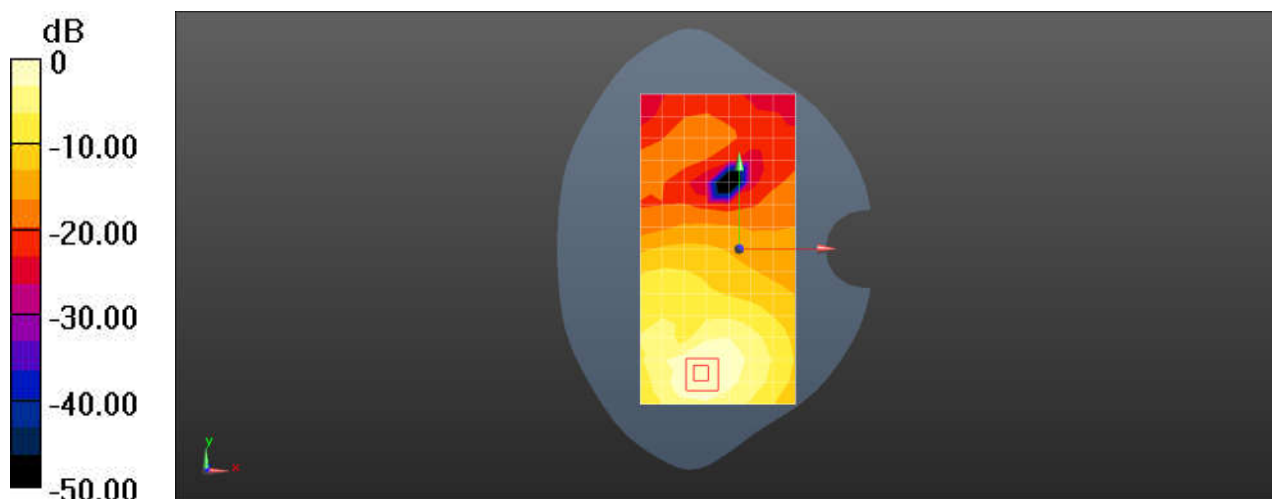
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.499 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 0.916 W/kg



Test Laboratory: SGS-SAR Lab

N950S LTE Band 25 QPSK 20M 1RB50 26365CH Back side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium: HSL1950;Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 40.744$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.57, 7.57, 7.57); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.17 W/kg

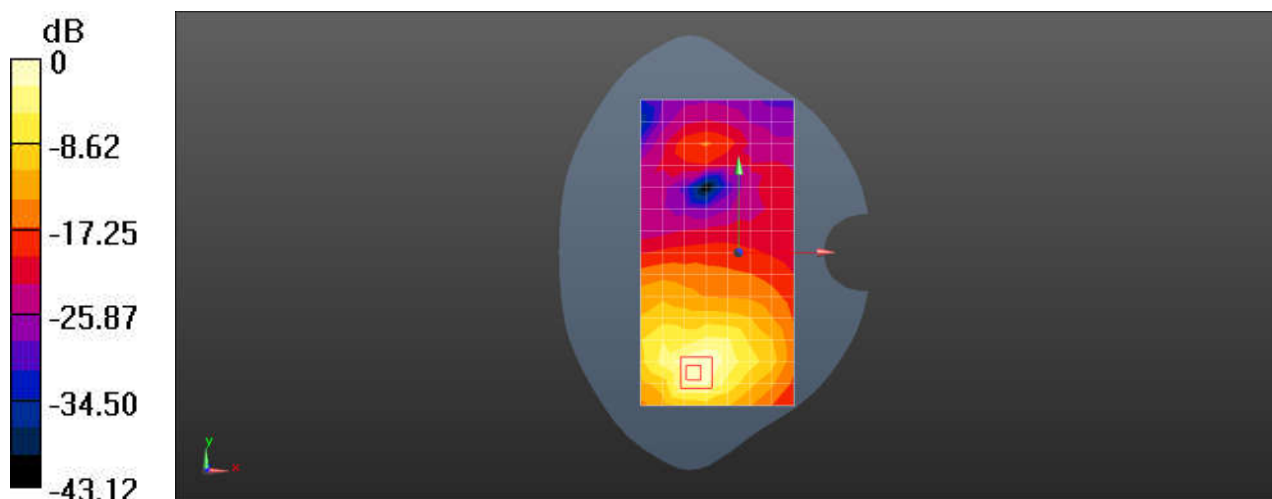
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.127 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.63 W/kg

SAR(1 g) = 2.77 W/kg; SAR(10 g) = 1.27 W/kg

Maximum value of SAR (measured) = 4.36 W/kg



0 dB = 3.17 W/kg = 5.00 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S LTE Band 26 QPSK 15M 1RB0 26865CH Back side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

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

Medium: HSL835;Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.595$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(8.88, 8.88, 8.88); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.433 W/kg

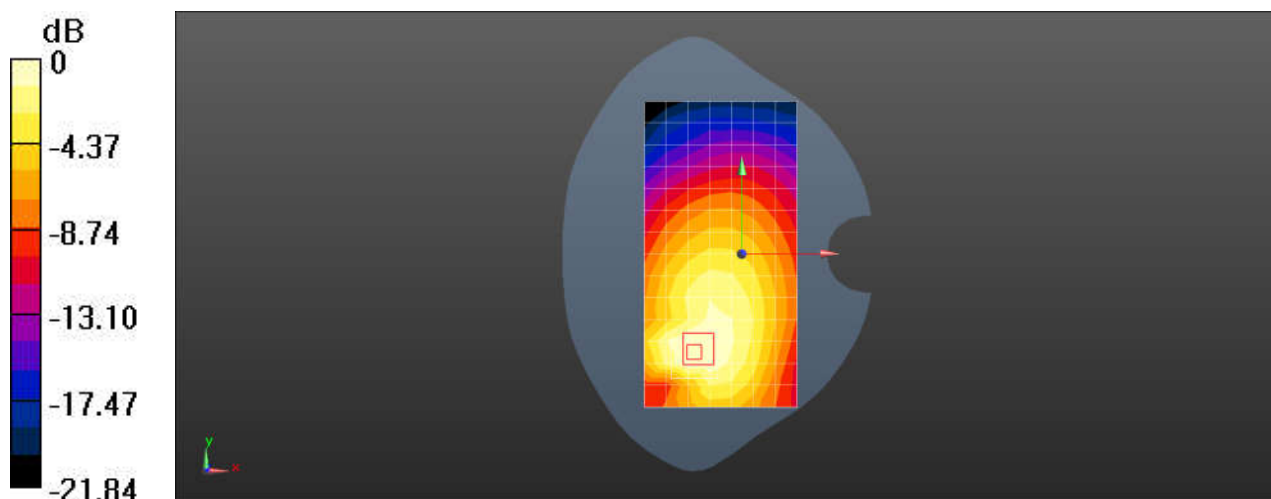
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.32 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.433 W/kg = -3.63 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S LTE Band 26 QPSK 15M 1RB0 26865CH Right side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

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

Medium: HSL835;Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.595$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(8.88, 8.88, 8.88); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

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

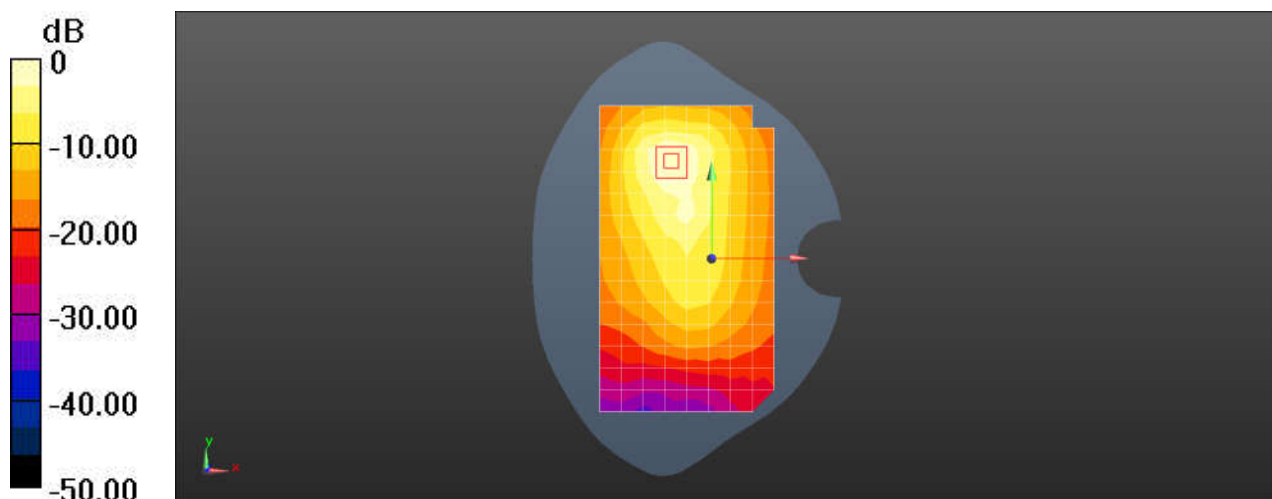
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.14 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.496 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



Test Laboratory: SGS-SAR Lab

N950S LTE Band 41 QPSK 20M 1RB0 40620CH Back side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 38.232$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.94, 6.94, 6.94); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.54 W/kg

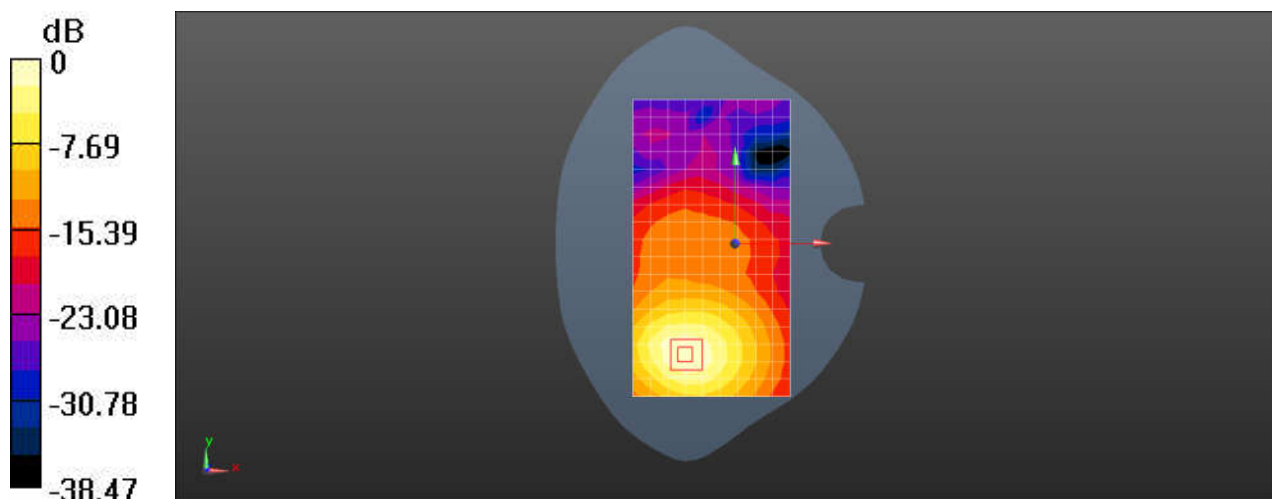
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.908 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.613 W/kg

Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S LTE Band 41 QPSK 20M 1RB0 40620CH Back side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 38.232$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.94, 6.94, 6.94); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 7.01 W/kg

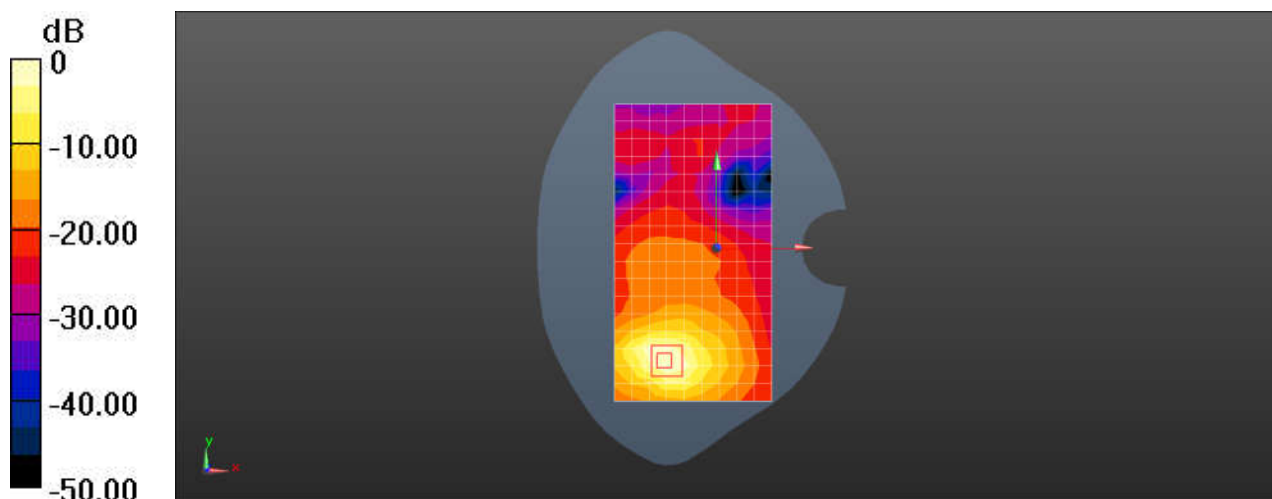
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.046 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 9.12 W/kg

SAR(1 g) = 4.73 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 7.36 W/kg



0 dB = 7.01 W/kg = 8.46 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S LTE Band 66 QPSK 20M 1RB50 132322CH Back side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.348$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.86, 7.86, 7.86); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.33 W/kg

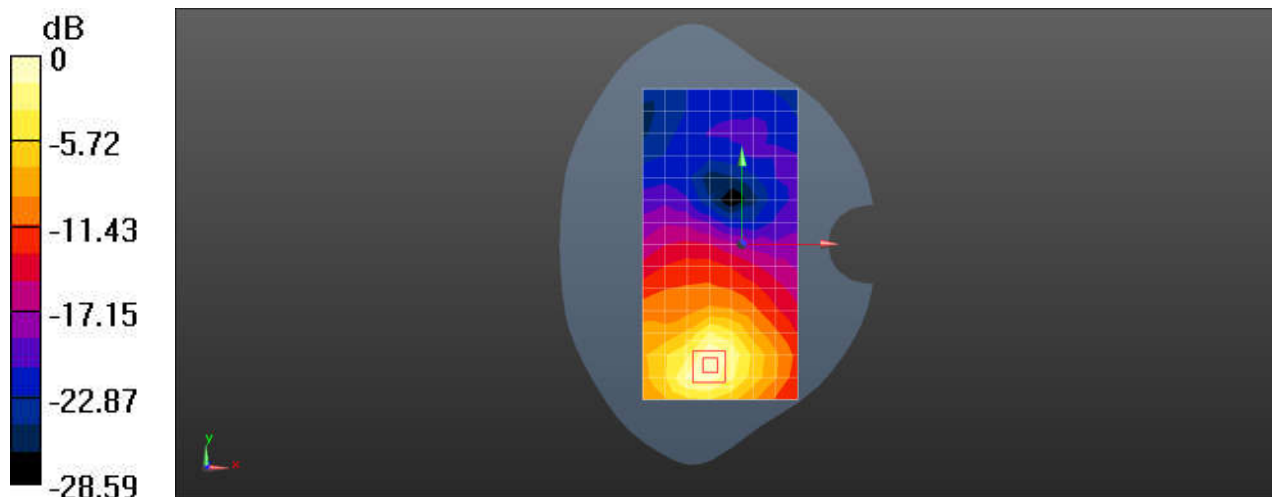
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.605 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.531 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.33 W/kg = 1.23 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S LTE Band 66 QPSK 20M 1RB50 132322CH Bottom side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

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

Medium: HSL1750;Medium parameters used: $f = 1745$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.348$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.86, 7.86, 7.86); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.29 W/kg

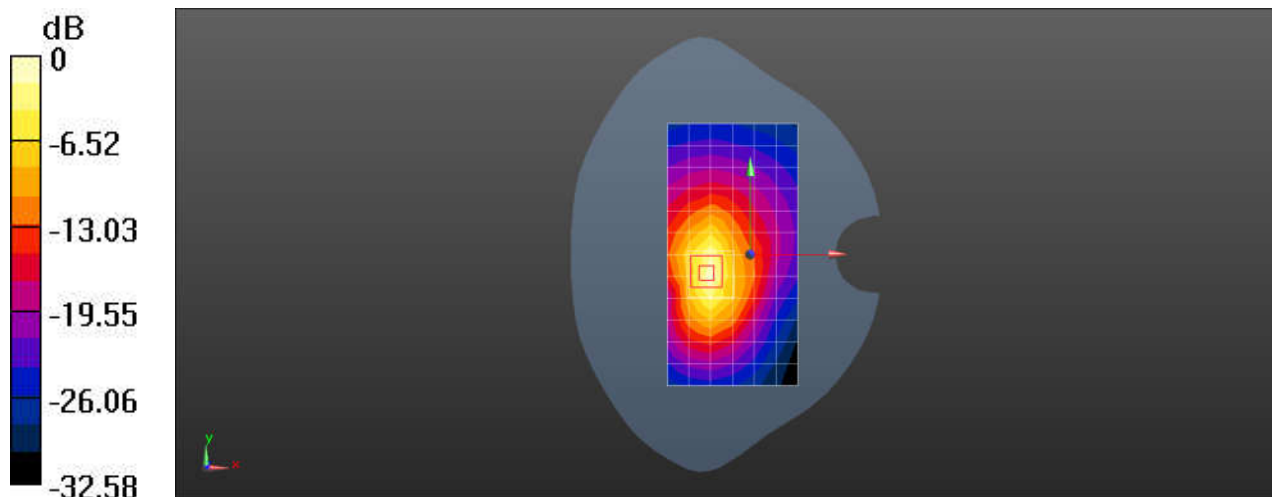
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm

Reference Value = 30.10 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 6.66 W/kg

SAR(1 g) = 3.26 W/kg; SAR(10 g) = 1.48 W/kg

Maximum value of SAR (measured) = 5.30 W/kg



Test Laboratory: SGS-SAR Lab

N950S LTE Band 71 QPSK 20M 1RB0 133322CH Back side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 683$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 43.918$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.29, 9.29, 9.29); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.291 W/kg

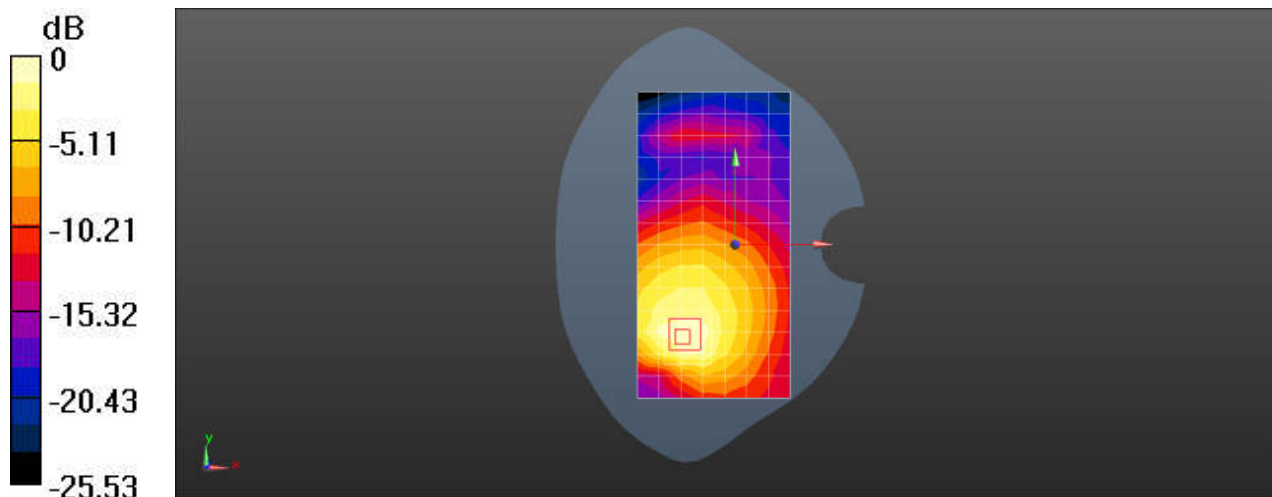
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.092 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.326 W/kg



Test Laboratory: SGS-SAR Lab

N950S LTE Band 71 QPSK 20M 1RB0 133322CH Back side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 683$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 43.918$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.29, 9.29, 9.29); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.72 W/kg

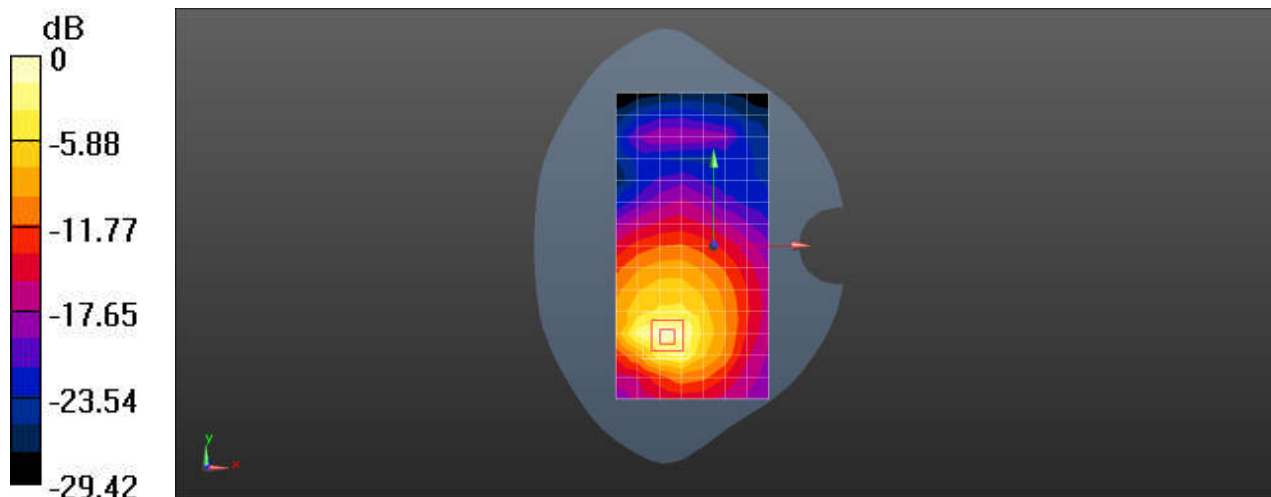
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.78 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 1.66 W/kg; SAR(10 g) = 0.832 W/kg

Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.72 W/kg = 4.35 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S WiFi2.4G 802.11b 1CH Left side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.03

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.365 W/kg

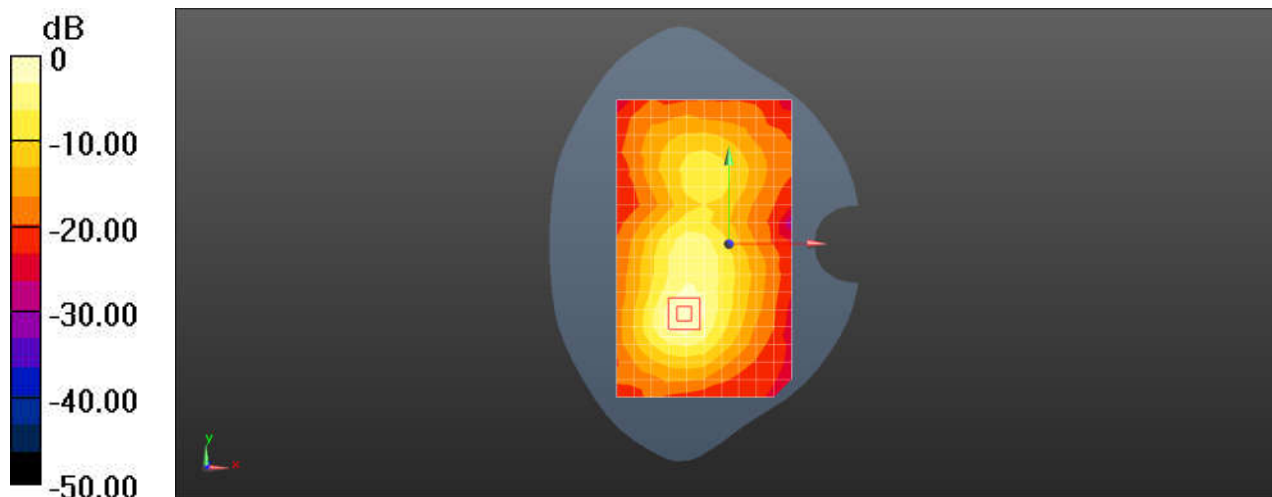
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.611 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.117 W/kg

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



0 dB = 0.365 W/kg = -4.37 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S WiFi2.4G 802.11b 1CH Left side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.03

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 2.68 W/kg

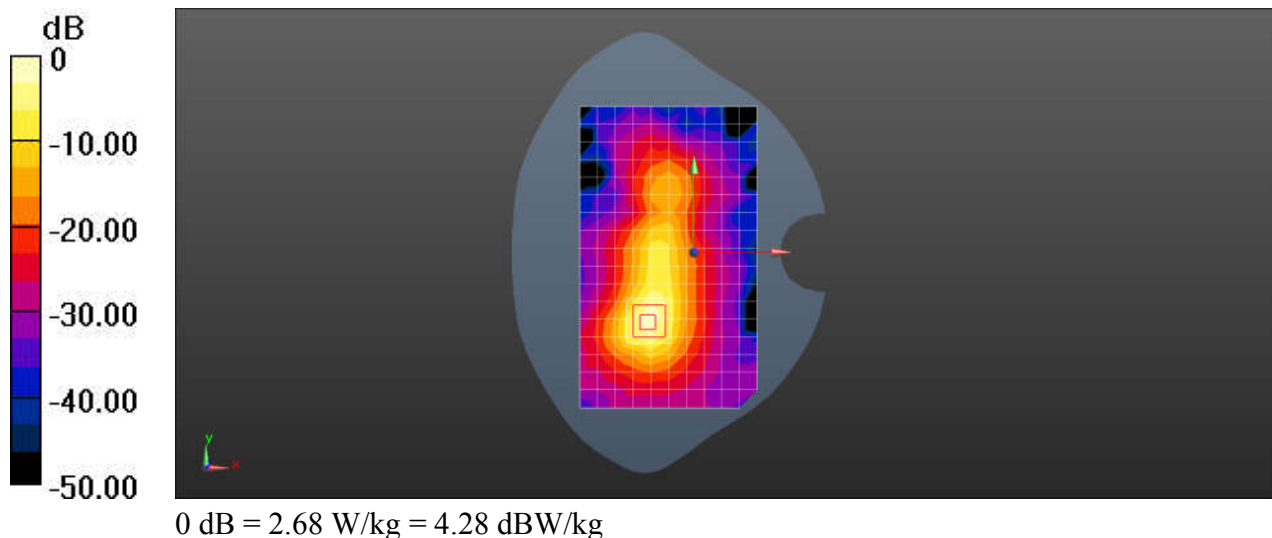
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.79 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.14 W/kg

SAR(1 g) = 1.53 W/kg; SAR(10 g) = 0.604 W/kg

Maximum value of SAR (measured) = 2.92 W/kg



Test Laboratory: SGS-SAR Lab

N950S WiFi5G 802.11a 60CH Left side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz; Duty Cycle: 1:1.017

Medium: HSL5G; Medium parameters used: $f = 5300$ MHz; $\sigma = 4.903$ S/m; $\epsilon_r = 36.72$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(5.02, 5.02, 5.02); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.509 W/kg

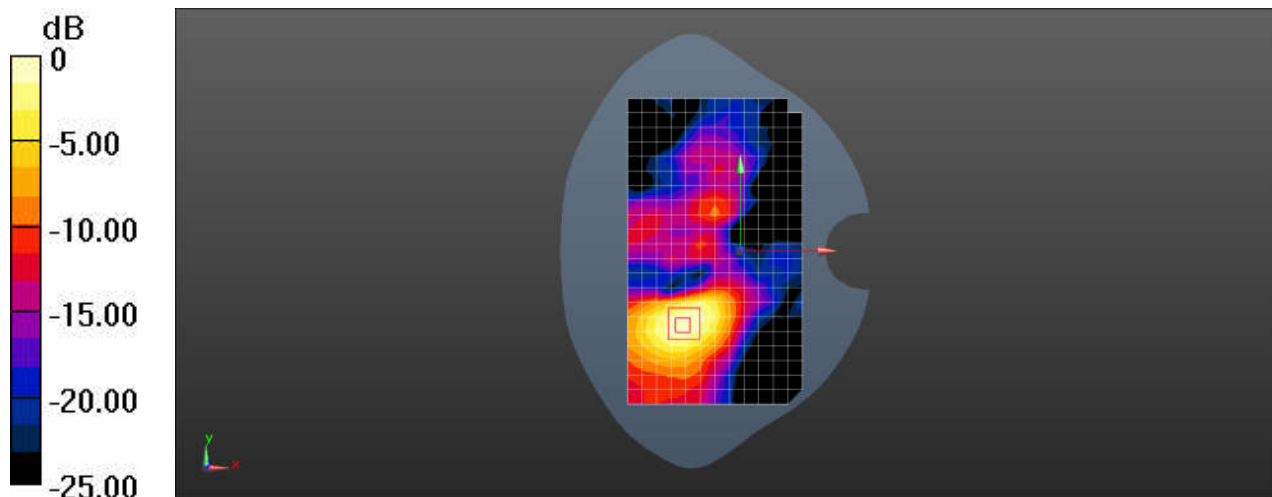
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.091 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.899 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.568 W/kg



Test Laboratory: SGS-SAR Lab

N950S WiFi5G 802.11a 140CH Left side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5700 MHz; Duty Cycle: 1:1.017

Medium: HSL5G; Medium parameters used: $f = 5700$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 35.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(4.48, 4.48, 4.48); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.63 W/kg

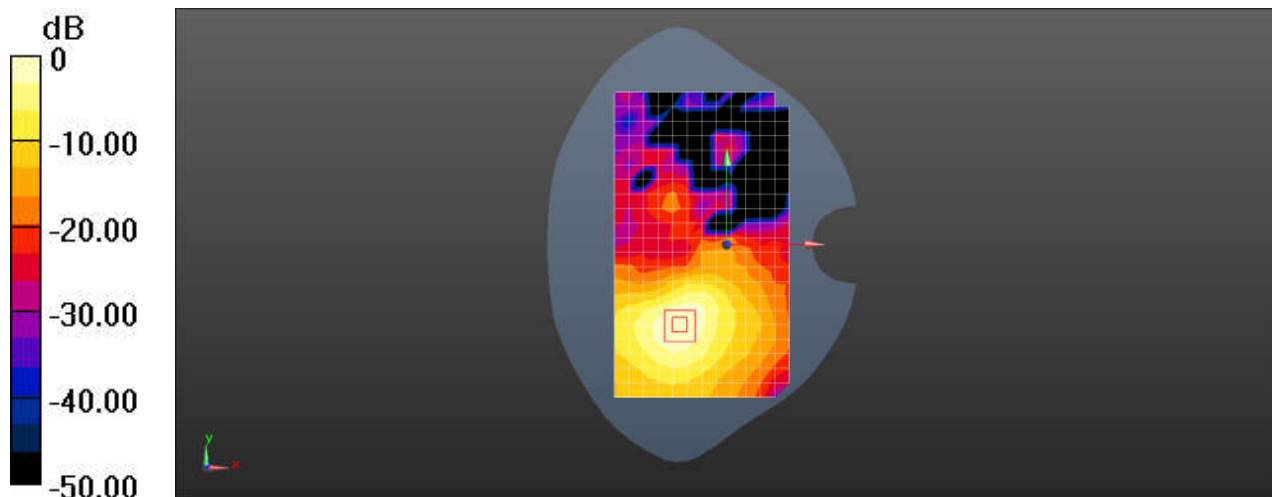
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.046 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



Test Laboratory: SGS-SAR Lab

N950S WiFi5G 802.11a 165CH Left side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5825 MHz; Duty Cycle: 1:1.018

Medium: HSL5G; Medium parameters used: $f = 5825$ MHz; $\sigma = 5.531$ S/m; $\epsilon_r = 35.358$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(4.58, 4.58, 4.58); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.39 W/kg

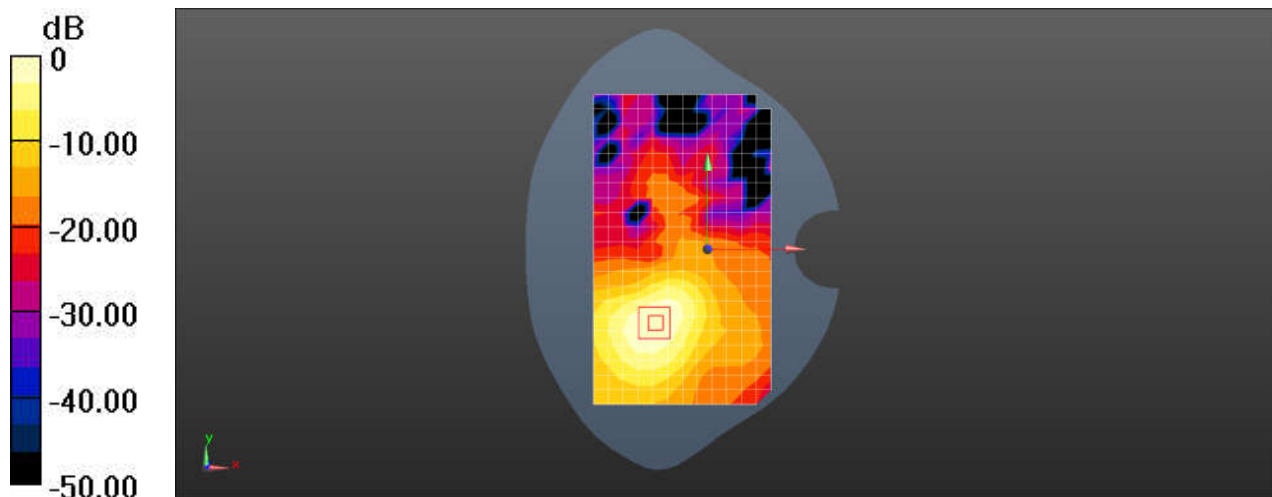
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.073 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.56 W/kg

SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 2.69 W/kg



Test Laboratory: SGS-SAR Lab

N950S WiFi5G 802.11a 60CH Left side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz; Duty Cycle: 1:1.017

Medium: HSL5G; Medium parameters used: $f = 5300$ MHz; $\sigma = 4.903$ S/m; $\epsilon_r = 36.72$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(5.02, 5.02, 5.02); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 3.34 W/kg

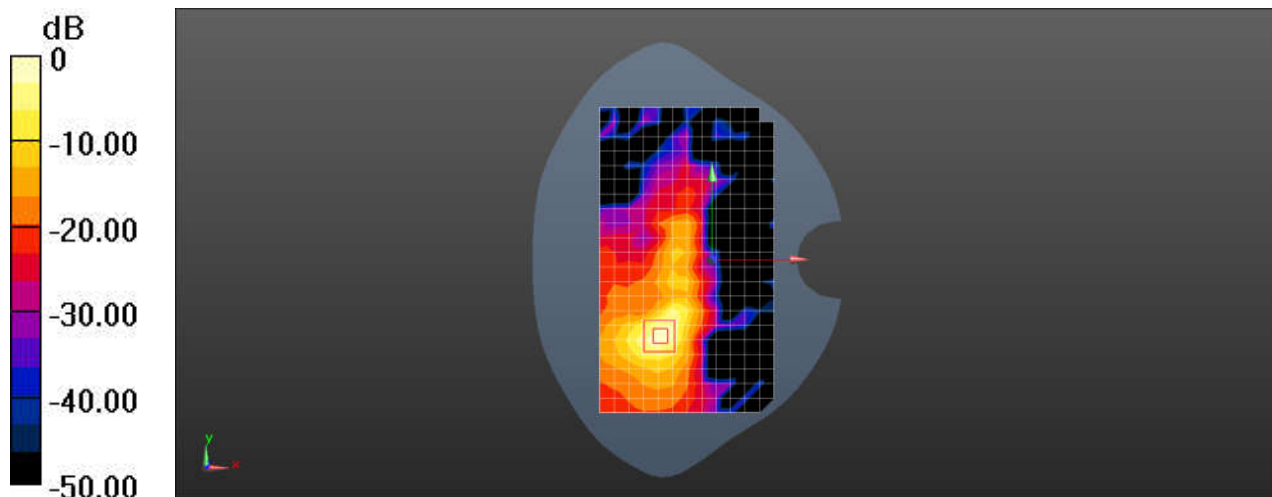
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.830 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 7.76 W/kg

SAR(1 g) = 1.52 W/kg; SAR(10 g) = 0.414 W/kg

Maximum value of SAR (measured) = 4.19 W/kg



0 dB = 3.34 W/kg = 5.24 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S WiFi5G 802.11a 140CH Left side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5700 MHz; Duty Cycle: 1:1.017

Medium: HSL5G; Medium parameters used: $f = 5700$ MHz; $\sigma = 5.378$ S/m; $\epsilon_r = 35.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(4.48, 4.48, 4.48); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 13.8 W/kg

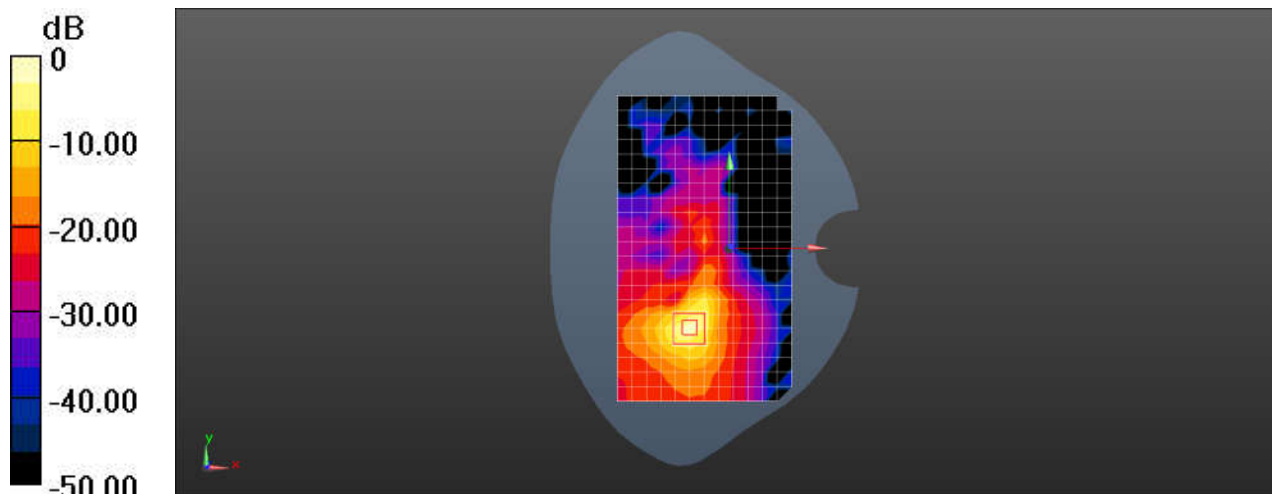
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.682 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 25.9 W/kg

SAR(1 g) = 4.47 W/kg; SAR(10 g) = 1.11 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.41 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S WiFi5G 802.11a 165CH Left side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5825 MHz; Duty Cycle: 1:1.018

Medium: HSL5G; Medium parameters used: $f = 5825$ MHz; $\sigma = 5.531$ S/m; $\epsilon_r = 35.358$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(4.58, 4.58, 4.58); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 10.2 W/kg

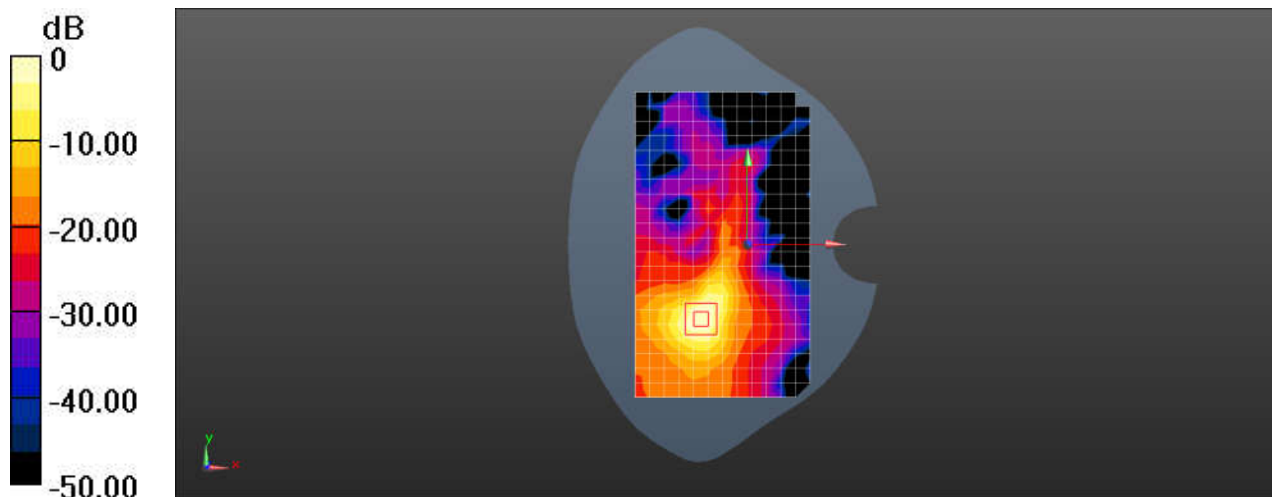
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.432 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 39.5 W/kg

SAR(1 g) = 6.67 W/kg; SAR(10 g) = 1.67 W/kg

Maximum value of SAR (measured) = 20.7 W/kg



0 dB = 10.2 W/kg = 10.07 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S Bluetooth DH5 39CH Left side 10mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.289

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.764$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.0263 W/kg

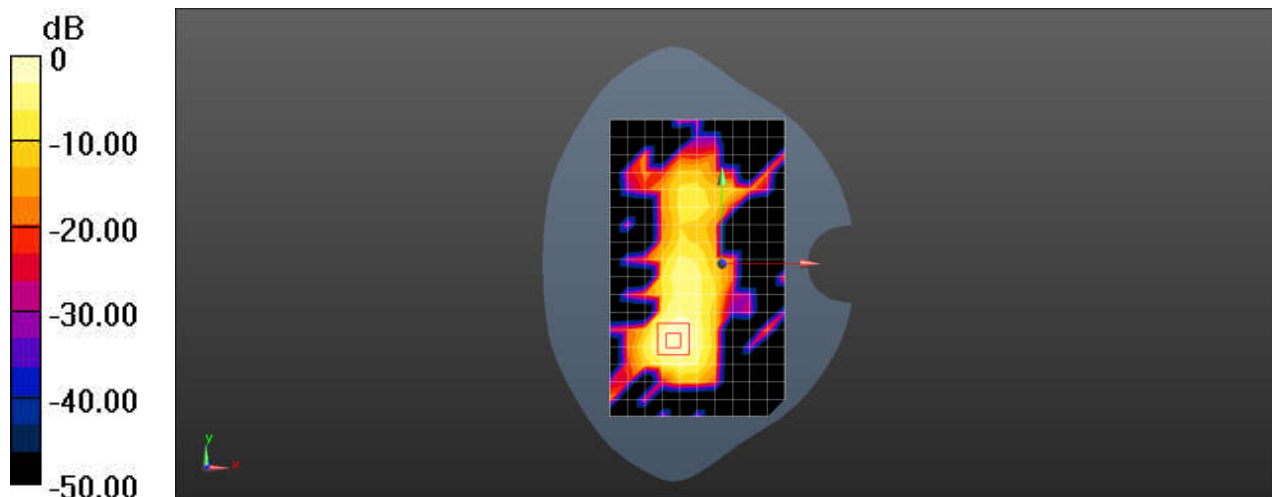
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.805 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00483 W/kg

Maximum value of SAR (measured) = 0.0215 W/kg



0 dB = 0.0263 W/kg = -15.79 dBW/kg

Test Laboratory: SGS-SAR Lab

N950S Bluetooth DH5 39CH Left side 0mm

DUT: N950S; Type: POS Terminal; Serial: 861534074005493

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.289

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.764$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.429 W/kg

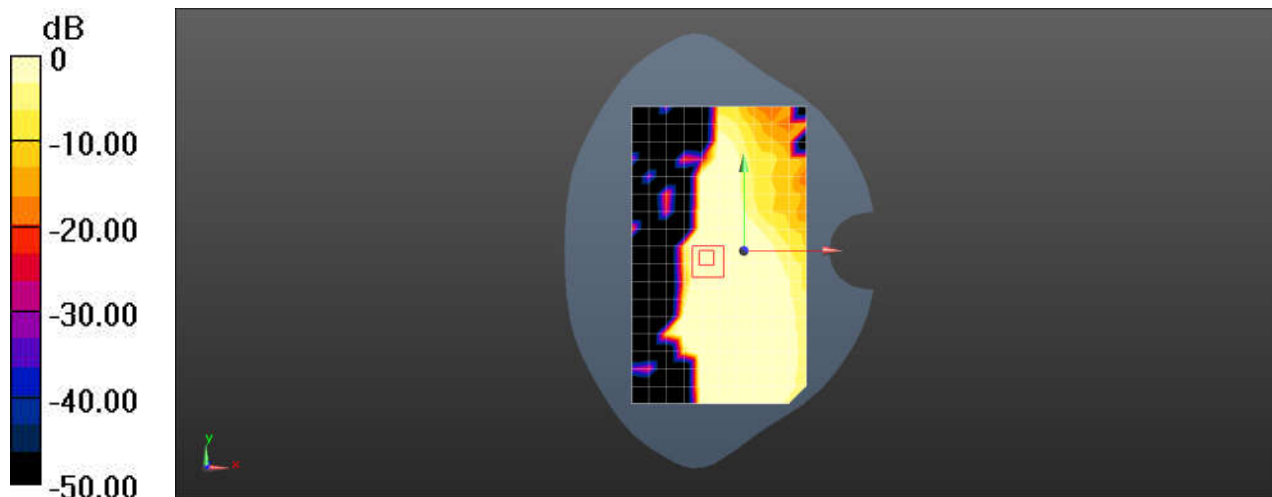
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.389 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00505 W/kg

Maximum value of SAR (measured) = 0.0223 W/kg



0 dB = 0.0223 W/kg = -16.52 dBW/kg