

Appendix B

Detailed Test Results

1. LTE
LTE Band 42
2. NR
n77



Test Laboratory: SGS-SAR Lab

XT2625-8 XT2625-9 LTE Band 42 20M QPSK 1RB50 42590CH Left tilted Ant5

DUT: XT2625-8 XT2625-9; Type: Mobile Cellular Phone; Serial: 351686250703536

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3500 MHz; Duty Cycle: 1:1.58016

Medium: HSL; Medium parameters used: $f = 3500$ MHz; $\sigma = 2.887$ S/m; $\epsilon_r = 38.169$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.76, 6.76, 6.76); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2026/3/23
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.832 W/kg

Configuration/Scan/Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 13.38 V/m; Power Drift = 0.07 dB

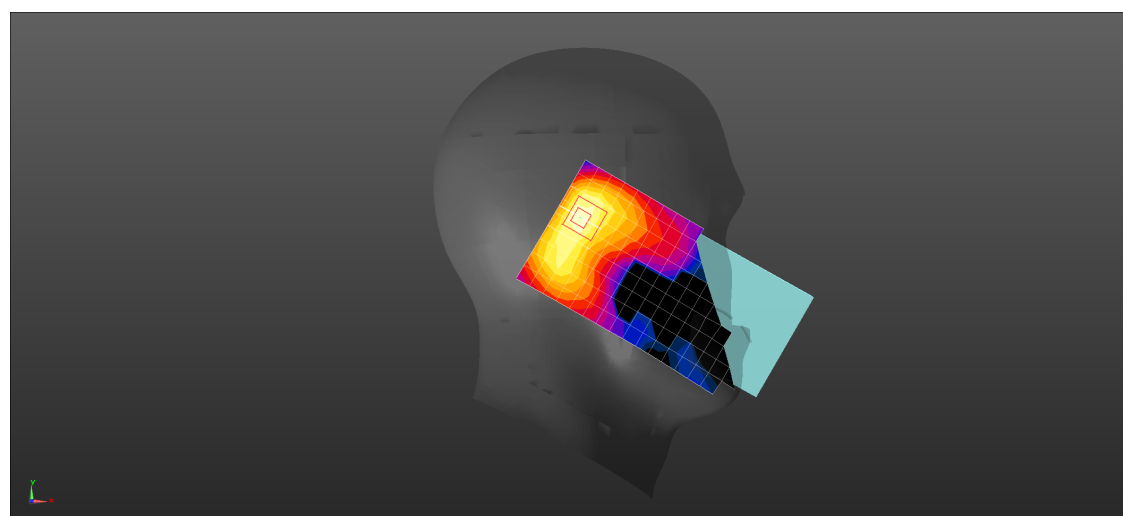
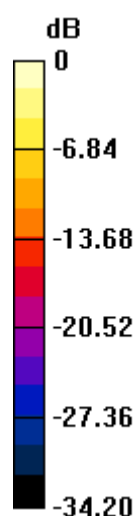
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.212 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48.7%

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



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

Test Laboratory: SGS-SAR Lab

XT2625-8 XT2625-9 LTE Band 42 20M QPSK 1RB50 42990CH Back side 5mm Ant5 with Bdoyn worn**DUT: XT2625-8 XT2625-9; Type: Mobile Cellular Phone; Serial: 351686250703676**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3540 MHz;Duty Cycle: 1:1.58016

Medium: HSL;Medium parameters used: $f = 3540$ MHz; $\sigma = 2.935$ S/m; $\epsilon_r = 38.043$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.76, 6.76, 6.76); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2026/3/23
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.786 W/kg

Configuration/Scan/Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.7760 V/m; Power Drift = 0.01 dB

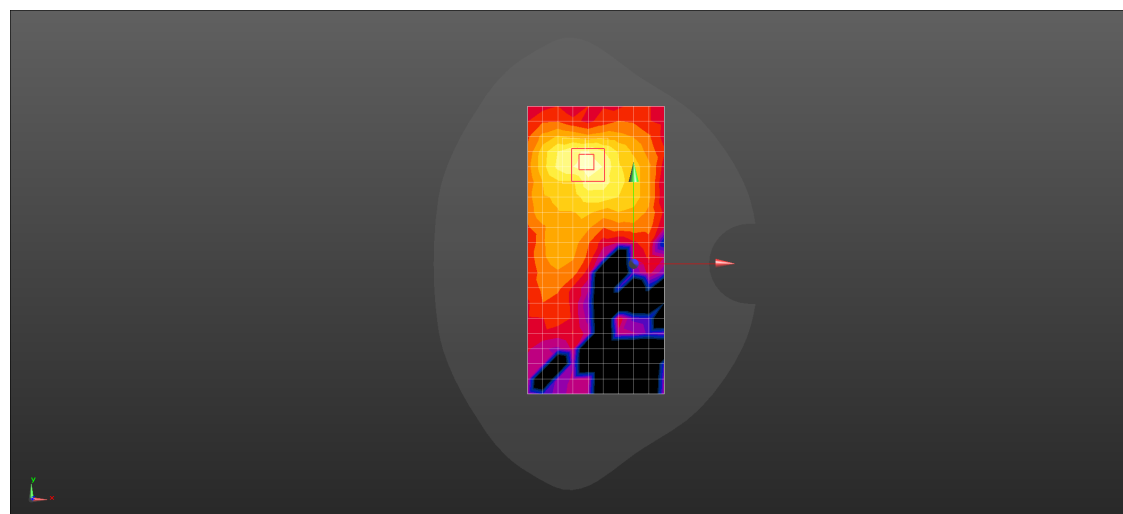
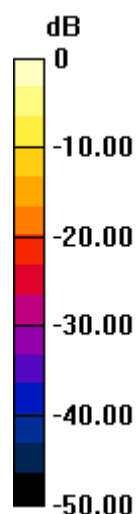
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.152 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2625-8 XT2625-9 LTE Band 42 20M QPSK 1RB50 42990CH Back side 5mm Ant5 with Hotspot**DUT: XT2625-8 XT2625-9; Type: Mobile Cellular Phone; Serial: 351686250703676**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3540 MHz;Duty Cycle: 1:1.58016

Medium: HSL;Medium parameters used: $f = 3540$ MHz; $\sigma = 2.935$ S/m; $\epsilon_r = 38.043$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.76, 6.76, 6.76); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2026/3/23
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.560 W/kg

Configuration/Scan/Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.9550 V/m; Power Drift = 0.07 dB

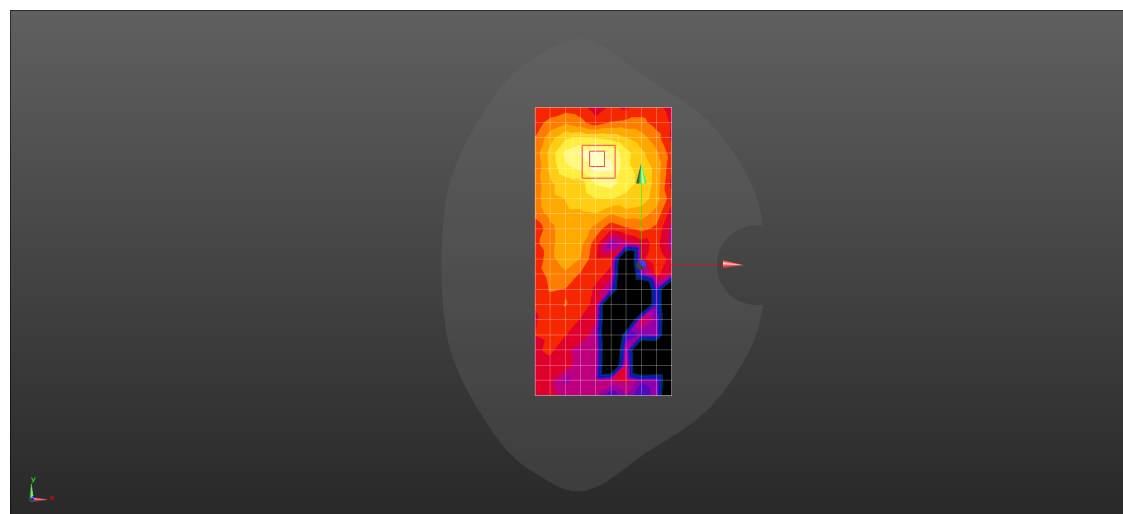
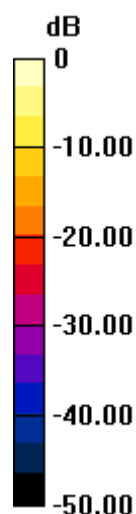
Peak SAR (extrapolated) = 0.945 W/kg

SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.104 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

Maximum value of SAR (measured) = 0.624 W/kg



0 dB = 0.624 W/kg = -2.05 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2625-8 XT2625-9 LTE Band 42 20M QPSK 1RB50 42590CH Back side 0mm Ant5

DUT: XT2625-8 XT2625-9; Type: Mobile Cellular Phone; Serial: 351686250703676

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3500 MHz; Duty Cycle: 1:1.58016

Medium: HSL; Medium parameters used: $f = 3500$ MHz; $\sigma = 2.887$ S/m; $\epsilon_r = 38.169$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.76, 6.76, 6.76); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2026/3/23
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 6.86 W/kg

Configuration/Scan/Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.987 V/m; Power Drift = 0.13 dB

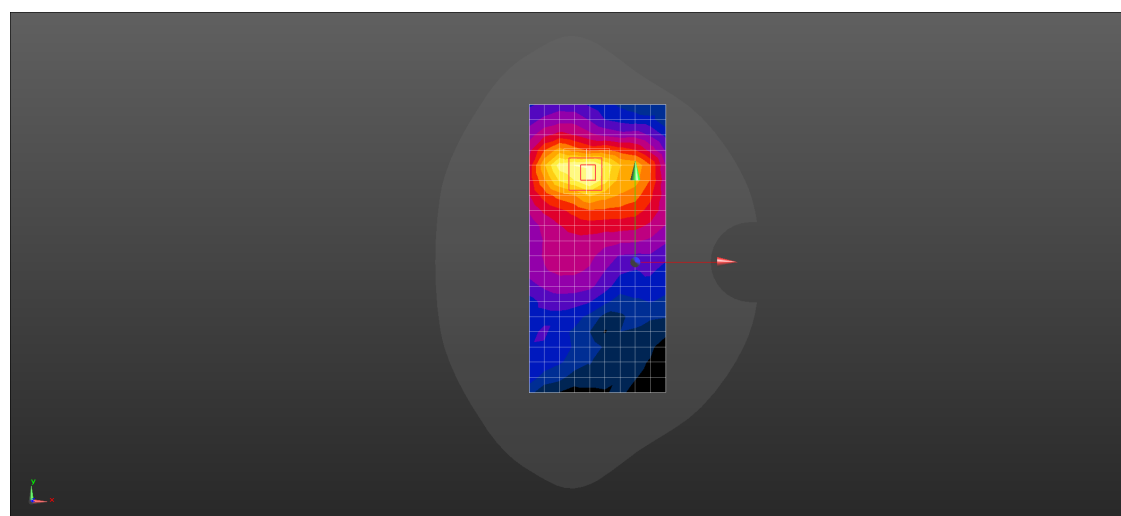
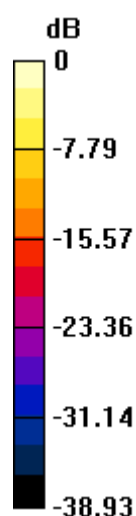
Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 4.58 W/kg; SAR(10 g) = 1.47 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 43.1%

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2625-8 XT2625-9 5G NR N77 100M QPSK 135RB69 654800CH Left tilted Ant5

DUT: XT2625-8 XT2625-9; Type: Mobile Cellular Phone; Serial: 351686250703536

Communication System: UID 0, NR (0); Frequency: 3822 MHz; Duty Cycle: 1:1

Medium: HSL; Medium parameters used: $f = 3822$ MHz; $\sigma = 3.123$ S/m; $\epsilon_r = 36.509$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.44, 6.44, 6.44); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2026/3/23
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.767 W/kg

Configuration/Scan/Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.553 V/m; Power Drift = 0.02 dB

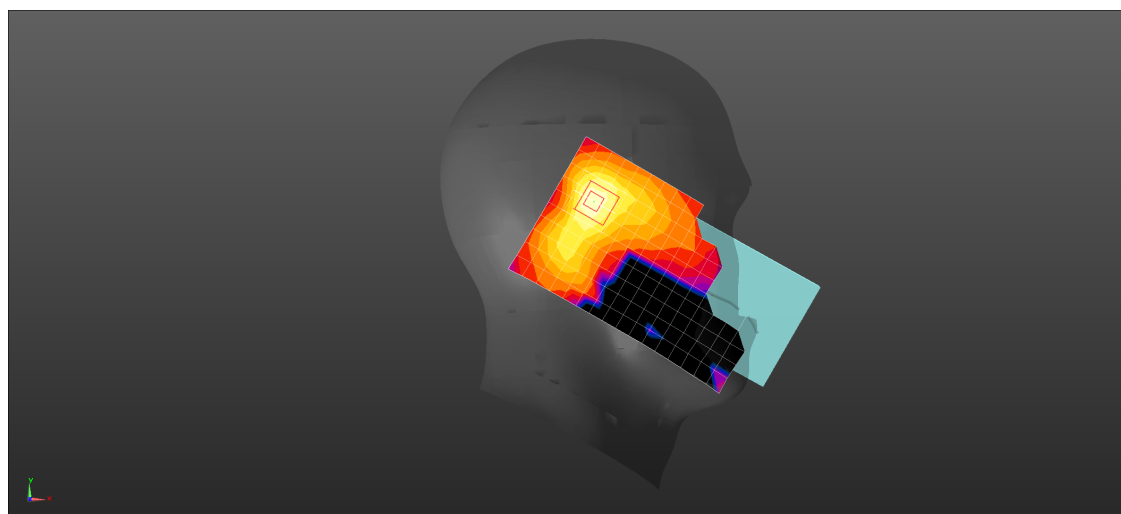
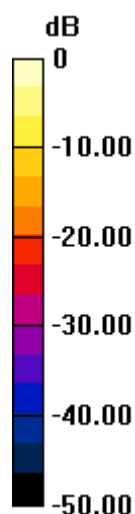
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.191 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.5%

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2625-8 XT2625-9 5G NR N77 100M QPSK 135RB69 633334CH Back side 5mm Ant1 with Body worn

DUT: XT2625-8 XT2625-9; Type: Mobile Cellular Phone; Serial: 351686250703676

Communication System: UID 0, NR (0); Frequency: 3500 MHz;Duty Cycle: 1:1

Medium: HSL;Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.81 \text{ S/m}$; $\epsilon_r = 37.674$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- - Probe: EX3DV4 - SN7821; ConvF(6.76, 6.76, 6.76); Calibrated: 2025/10/14
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn896; Calibrated: 2026/3/23
 - Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (11x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.76 W/kg

Configuration/Scan/Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 4.053 V/m; Power Drift = -0.16 dB

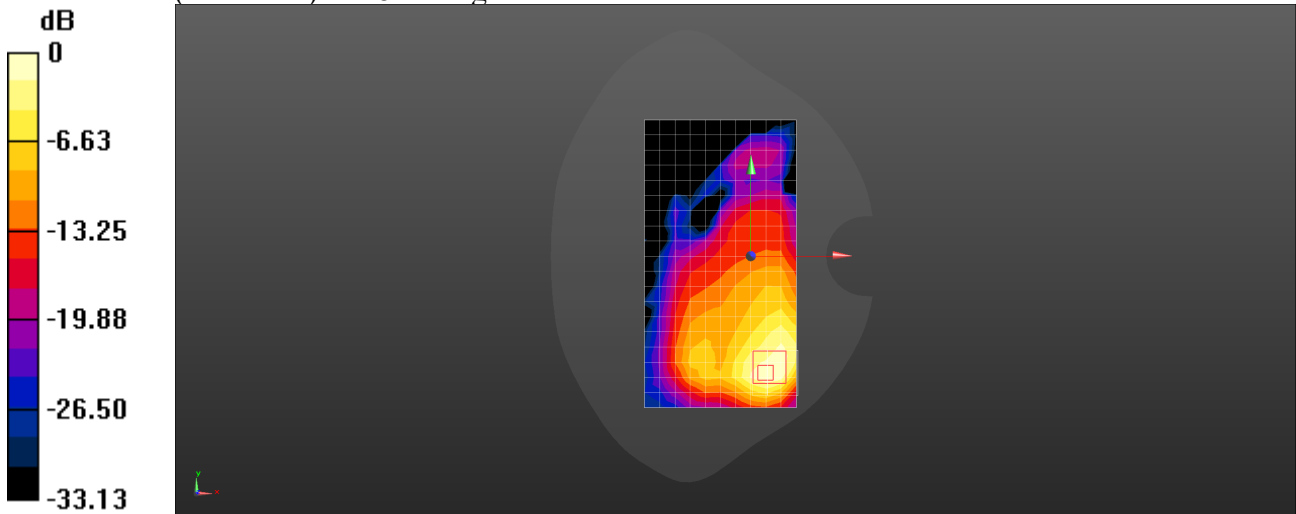
Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.401 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.58 dBW/kg

Test Laboratory: SGS-SAR Lab

XT2625-8 XT2625-9 5G NR N77 100M QPSK 135RB69 633334CH Bottom side 5mm Ant1 with Hotspot

DUT: XT2625-8 XT2625-9; Type: Mobile Cellular Phone; Serial: 351686250703676

Communication System: UID 0, NR (0); Frequency: 3500 MHz;Duty Cycle: 1:1

Medium: HSL;Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.81 \text{ S/m}$; $\epsilon_r = 37.674$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- - Probe: EX3DV4 - SN7821; ConvF(6.76, 6.76, 6.76); Calibrated: 2025/10/14
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn896; Calibrated: 2026/3/23
 - Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (7x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.89 W/kg

Configuration/Scan/Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$

Reference Value = 10.90 V/m; Power Drift = 0.05 dB

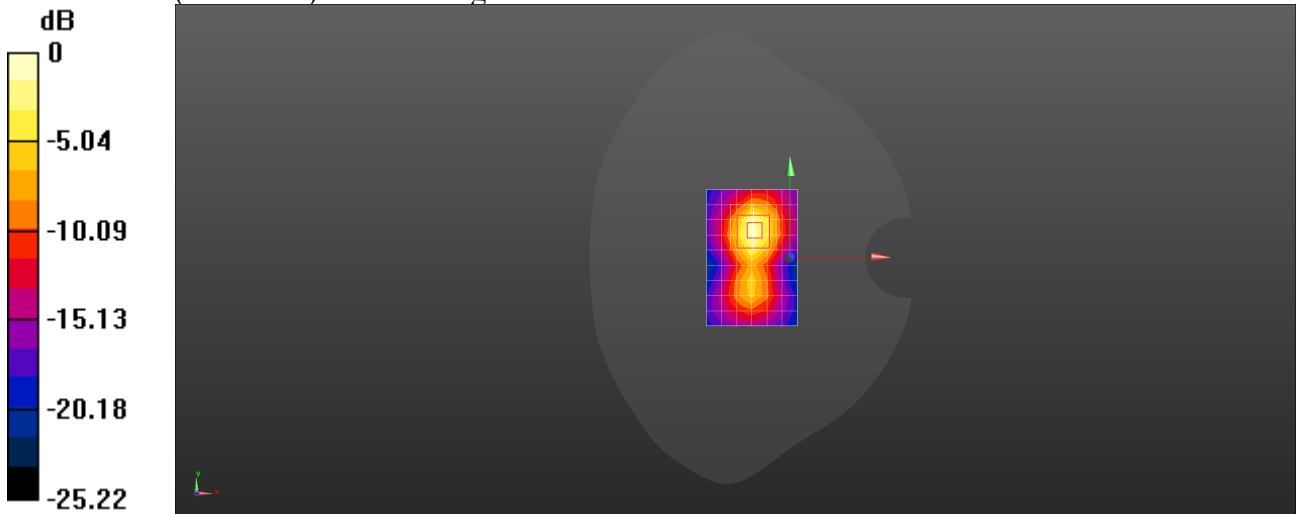
Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.366 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 2.11 W/kg



Test Laboratory: SGS-SAR Lab

XT2625-8 XT2625-9 5G NR N77 100M QPSK 135RB69 633334CH Bottom side 0mm Ant1

DUT: XT2625-8 XT2625-9; Type: Mobile Cellular Phone; Serial: 351686250703676

Communication System: UID 0, NR (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL; Medium parameters used: $f = 3500$ MHz; $\sigma = 2.81$ S/m; $\epsilon_r = 37.674$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.76, 6.76, 6.76); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2026/3/23
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 17.3 W/kg

Configuration/Scan/Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 39.79 V/m; Power Drift = 0.02 dB

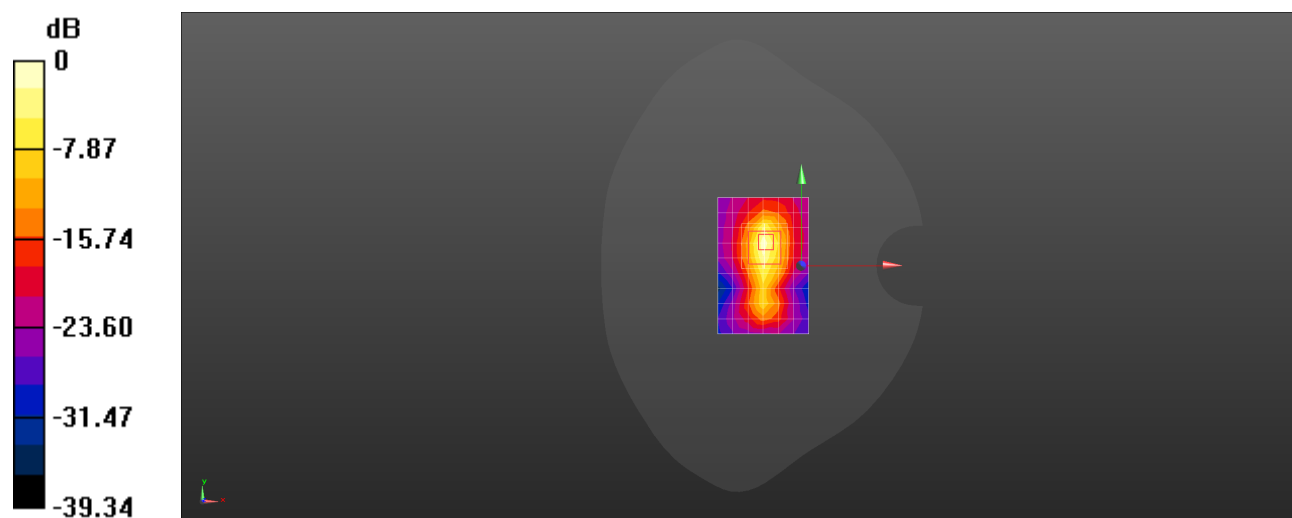
Peak SAR (extrapolated) = 31.4 W/kg

SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.21 W/kg

Smallest distance from peaks to all points 3 dB below = 5.5 mm

Ratio of SAR at M2 to SAR at M1 = 41.5%

Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 19.6 W/kg = 12.92 dBW/kg