

Appendix B

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Test Laboratory: SGS-SAR Lab

NFC 13.56MHz Back Angle side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL_13.56; Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.784 \text{ S/m}$; $\epsilon_r = 55.425$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(15.44, 17.46, 16.16); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/NFC/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.542 W/kg

Configuration/NFC/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.204 V/m ; Power Drift = -0.01 dB

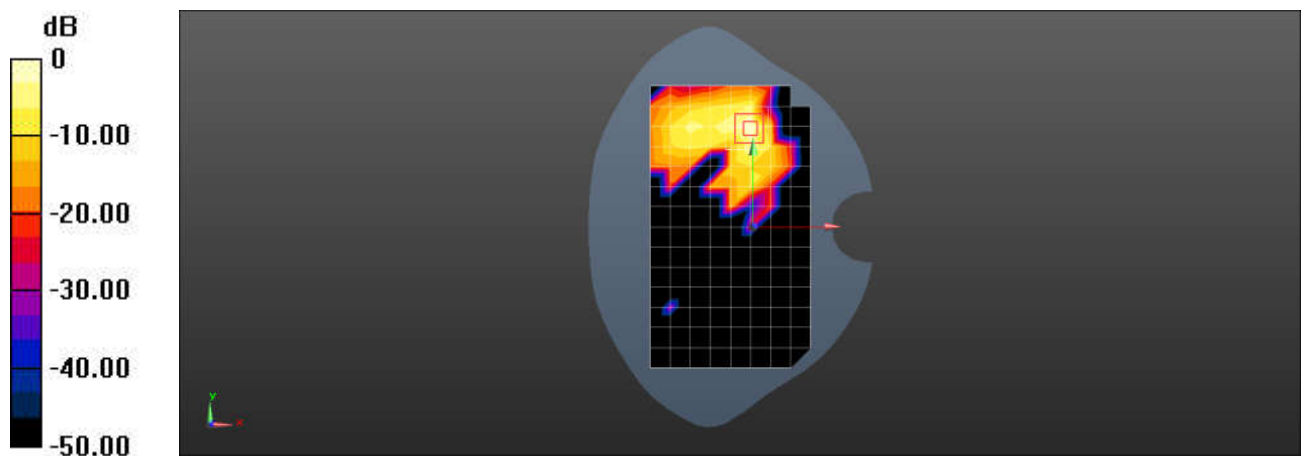
Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.148 W/kg ; SAR(10 g) = 0.075 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

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

Maximum value of SAR (measured) = 0.503 W/kg



$0 \text{ dB} = 0.542 \text{ W/kg} = -2.66 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 7 QPSK 20M 1RB0 21100CH Top side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 38.367$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.03, 7.51, 7.28); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.910 W/kg

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

Reference Value = 14.50 V/m; Power Drift = 0.06 dB

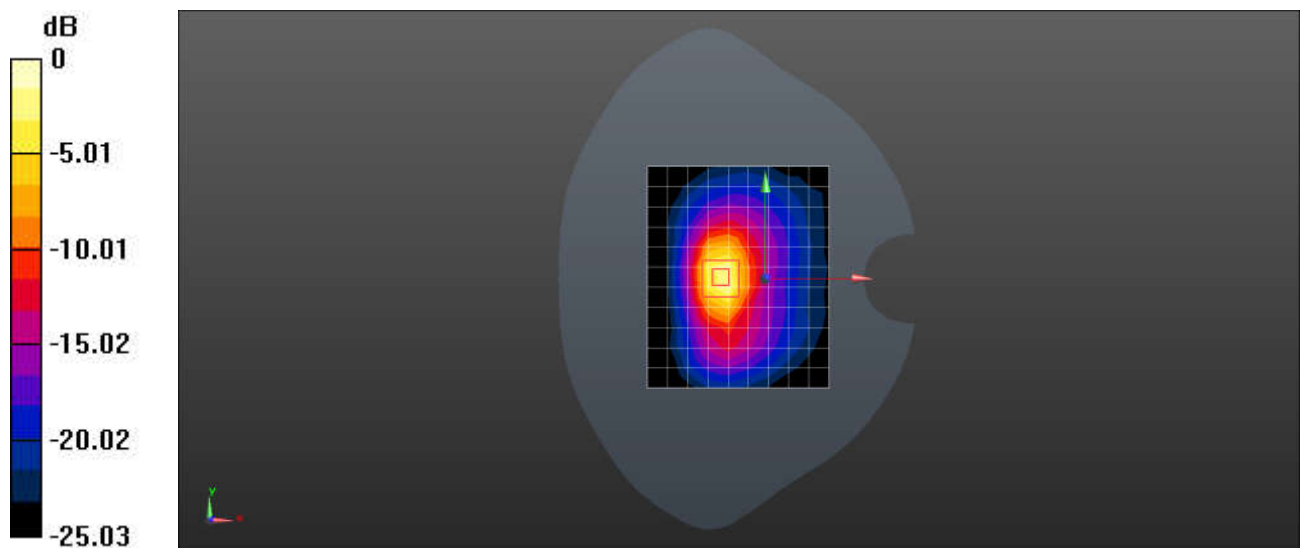
Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.311 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 48.6%

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 7 QPSK 20M 1RB0 21100CH Top side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.912$ S/m; $\epsilon_r = 38.586$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.03, 7.51, 7.28); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.849 W/kg

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

Reference Value = 13.57 V/m; Power Drift = 0.06 dB

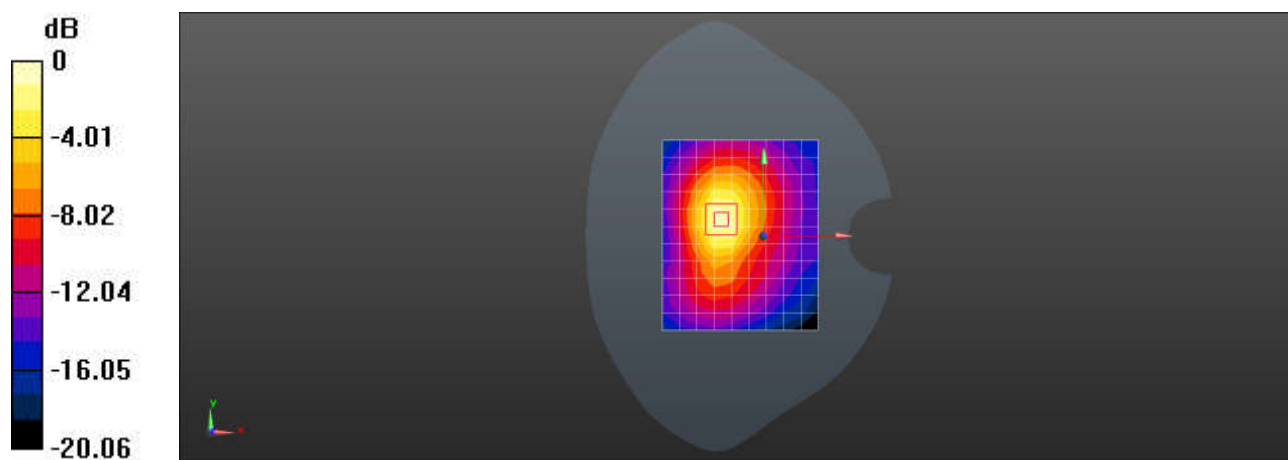
Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.349 W/kg

Smallest distance from peaks to all points 3 dB below = 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 12 QPSK 10M 1RB0 23095CH Front side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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; $\sigma = 0.847$ S/m; $\epsilon_r = 43.598$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.886 W/kg

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

Reference Value = 13.21 V/m; Power Drift = 0.12dB

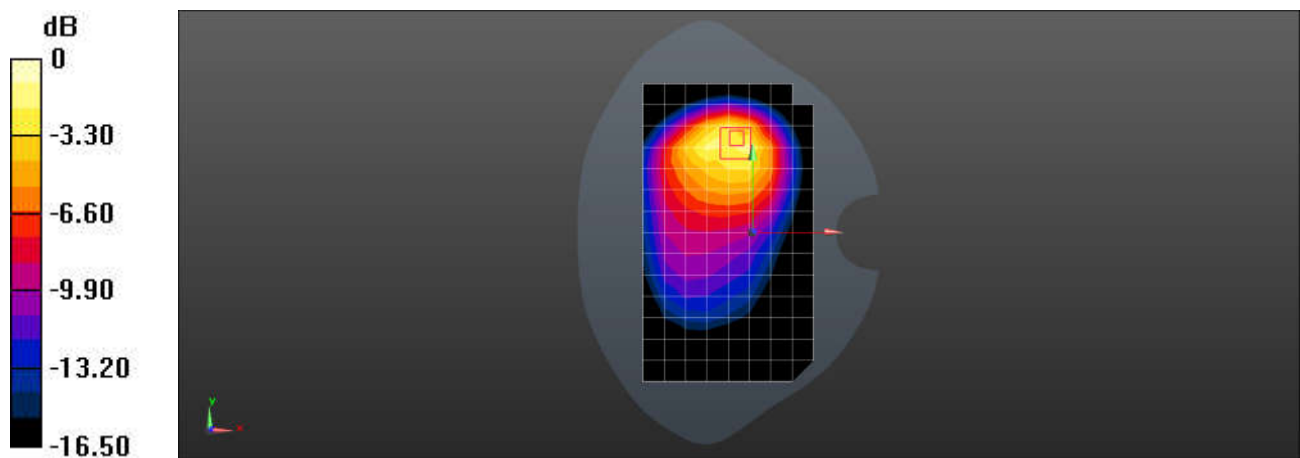
Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.326 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41.8%

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 12 QPSK 10M 1RB0 23095CH Front side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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; $\sigma = 0.852$ S/m; $\epsilon_r = 43.847$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.229 W/kg

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

Reference Value = 14.49 V/m; Power Drift = -0.01 dB

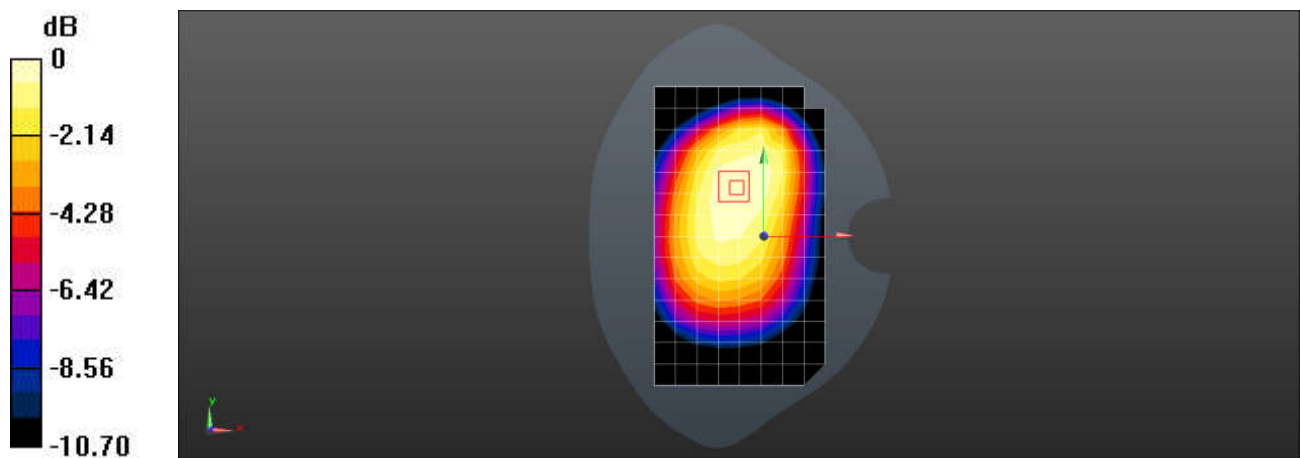
Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.141 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 = 73.8%

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



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

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 13 QPSK 10M 1RB0 23230CH Front side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL750; Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.888 \text{ S/m}$; $\epsilon_r = 43.234$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.983 W/kg

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

Reference Value = 12.34 V/m ; Power Drift = -0.15 dB

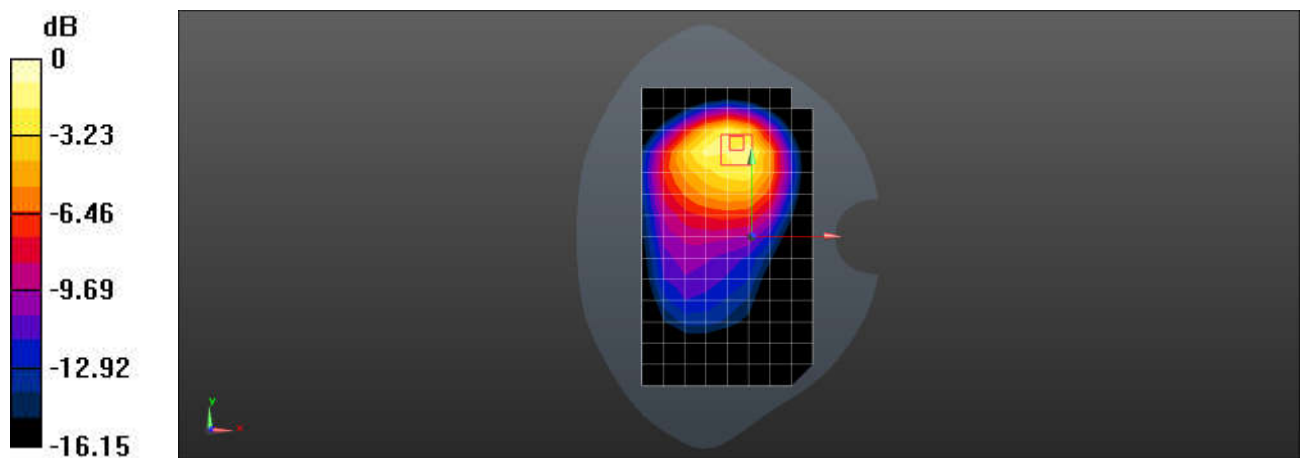
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.789 W/kg ; SAR(10 g) = 0.447 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 13 QPSK 10M 1RB0 23230CH Front side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL750; Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.246 W/kg

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

Reference Value = 13.86 V/m ; Power Drift = -0.04 dB

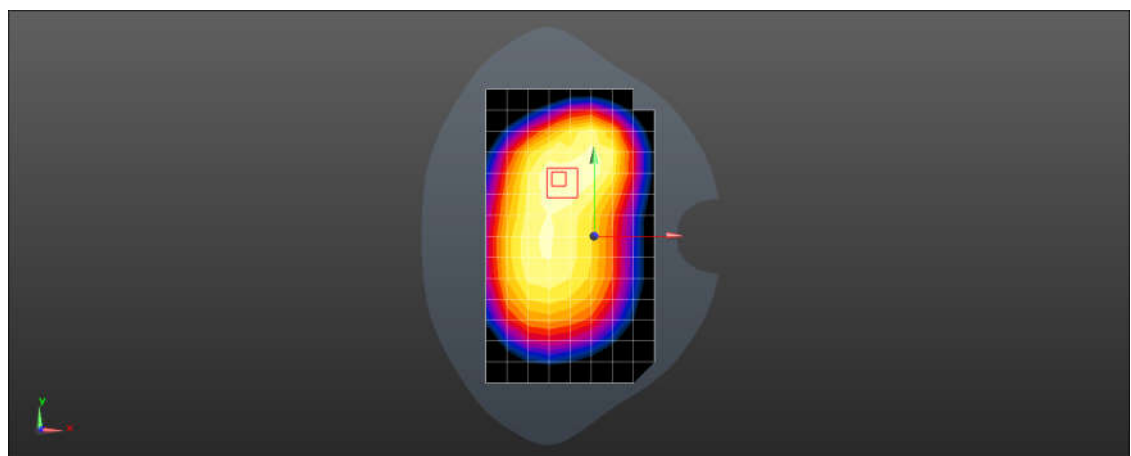
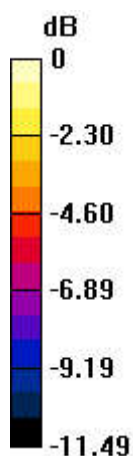
Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.192 W/kg ; SAR(10 g) = 0.138 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 = 68.5%

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



0 dB = 0.242 W/kg = -6.16 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 14 QPSK 10M 1RB0 23330CH Front side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 43.069$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.872 W/kg

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

Reference Value = 11.15 V/m ; Power Drift = -0.02 dB

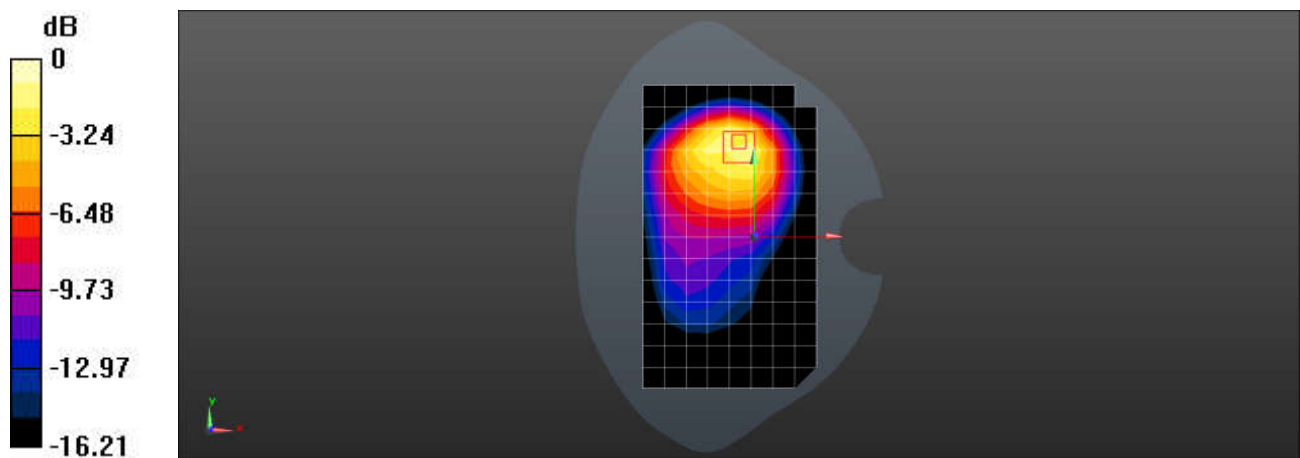
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.701 W/kg ; SAR(10 g) = 0.396 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 49.9%

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



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

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 14 QPSK 10M 1RB0 23330CH Front side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 43.316$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.212 W/kg

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

Reference Value = 12.09 V/m ; Power Drift = 0.09 dB

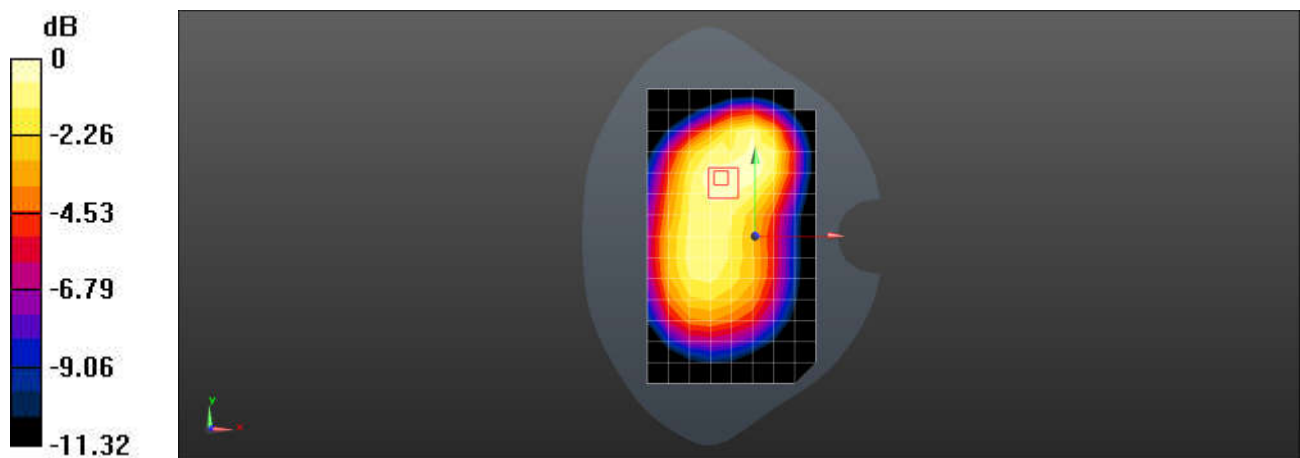
Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.166 W/kg ; SAR(10 g) = 0.119 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%

Maximum value of SAR (measured) = 0.210 W/kg



$0 \text{ dB} = 0.210 \text{ W/kg} = -6.78 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 25 QPSK 20M 1RB0 26365CH Top side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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; $\sigma = 1.381$ S/m; $\epsilon_r = 40.514$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.79, 8.32, 8.06); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.07 W/kg

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

Reference Value = 19.56 V/m; Power Drift = 0.04 dB

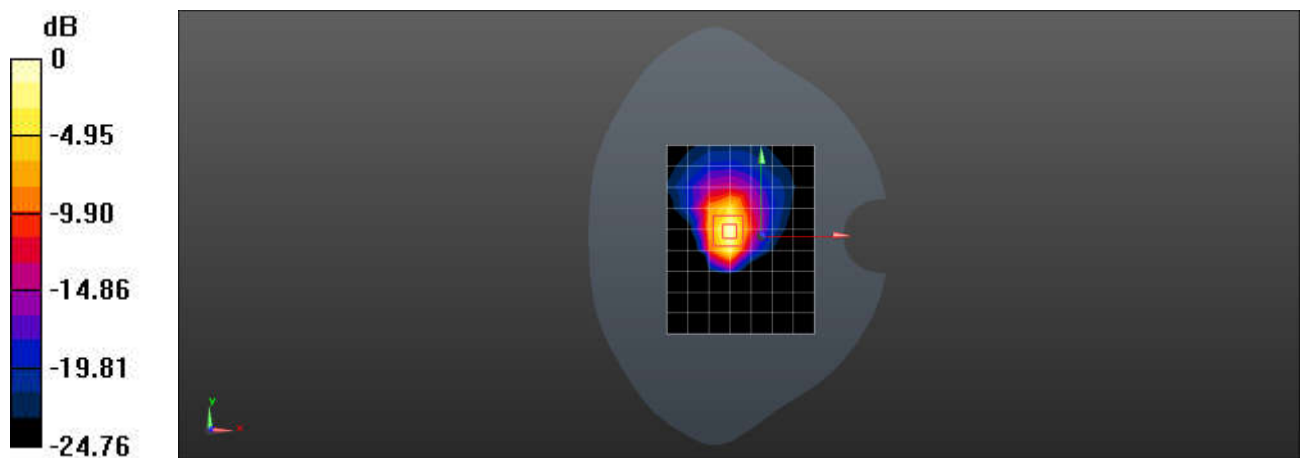
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.302 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 25 QPSK 20M 1RB0 26365CH Top side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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; $\sigma = 1.389$ S/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.79, 8.32, 8.06); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.883 W/kg

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

Reference Value = 15.35 V/m; Power Drift = 0.09 dB

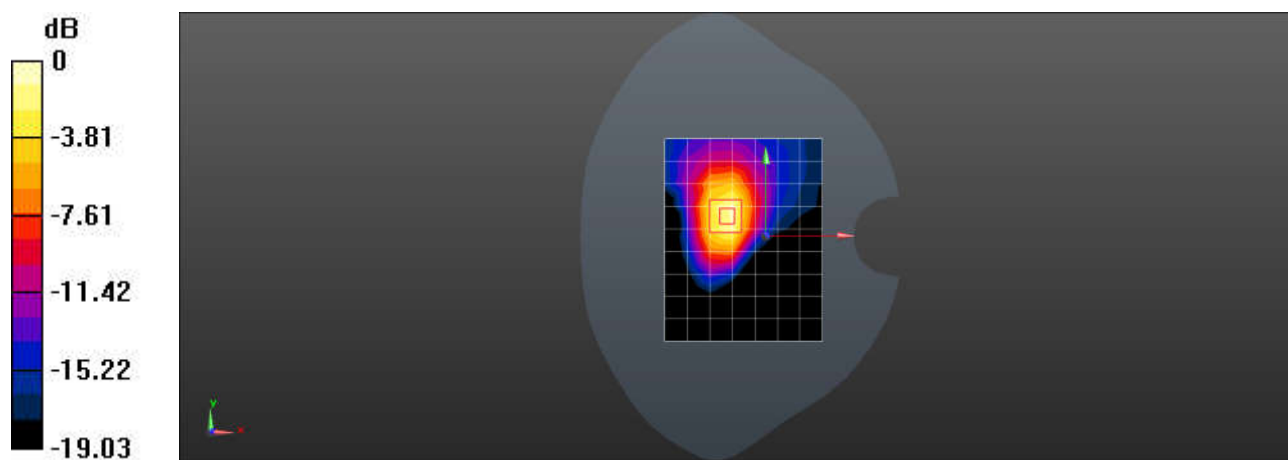
Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.386 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 26 QPSK 15M 1RB0 26865CH Front side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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; $\sigma = 0.907$ S/m; $\epsilon_r = 41.483$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.34, 9.98, 9.67); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.995 W/kg

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

Reference Value = 10.99 V/m; Power Drift = 0.12 dB

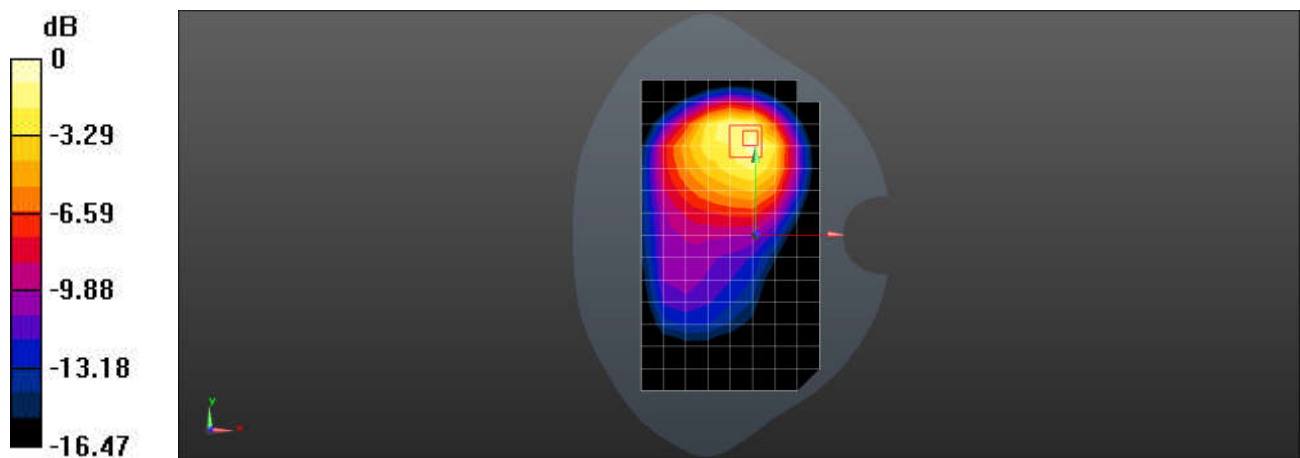
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.433 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 26 QPSK 15M 1RB0 26865CH Front side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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; $\sigma = 0.921$ S/m; $\epsilon_r = 43.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.34, 9.98, 9.67); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.338 W/kg

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

Reference Value = 12.37 V/m; Power Drift = 0.17 dB

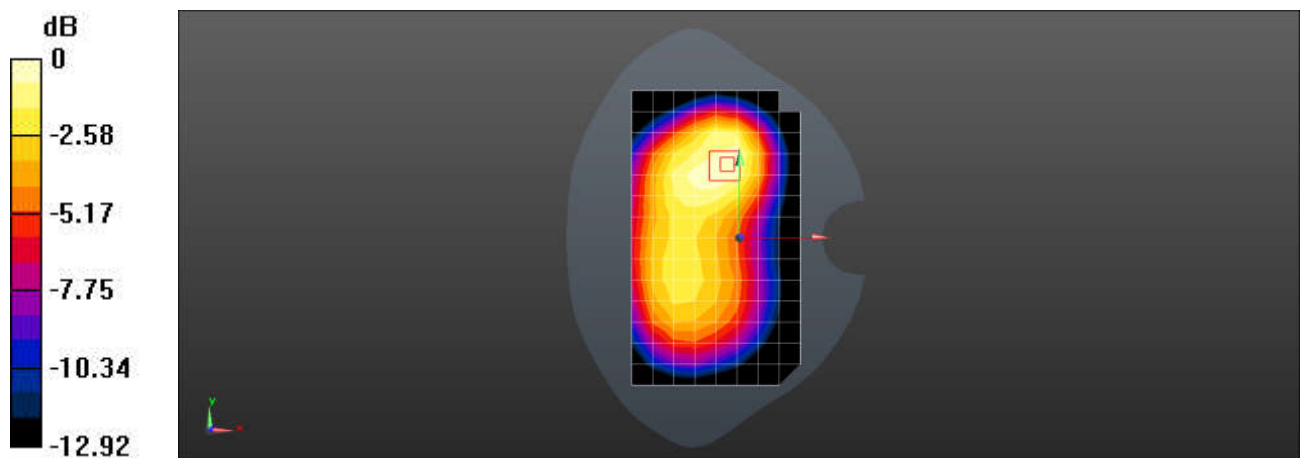
Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.172 W/kg

Smallest distance from peaks to all points 3 dB below = 20 mm

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 41 QPSK 20M 1RB0 40620CH Top side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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; $\sigma = 1.968$ S/m; $\epsilon_r = 38.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.03, 7.51, 7.28); Calibrated: 2025/11/79
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.11 W/kg

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

Reference Value = 19.52 V/m; Power Drift = 0.02 dB

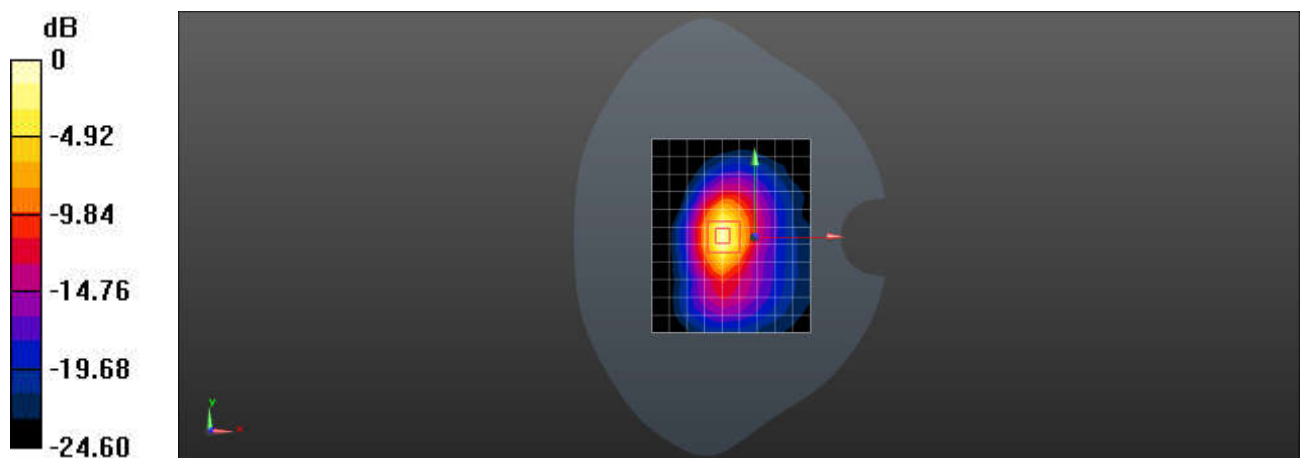
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.313 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 41 QPSK 20M 1RB0 40620CH Top side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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; $\sigma = 1.979$ S/m; $\epsilon_r = 38.358$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.03, 7.51, 7.28); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (10x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.551 W/kg

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

Reference Value = 10.64 V/m; Power Drift = 0.03 dB

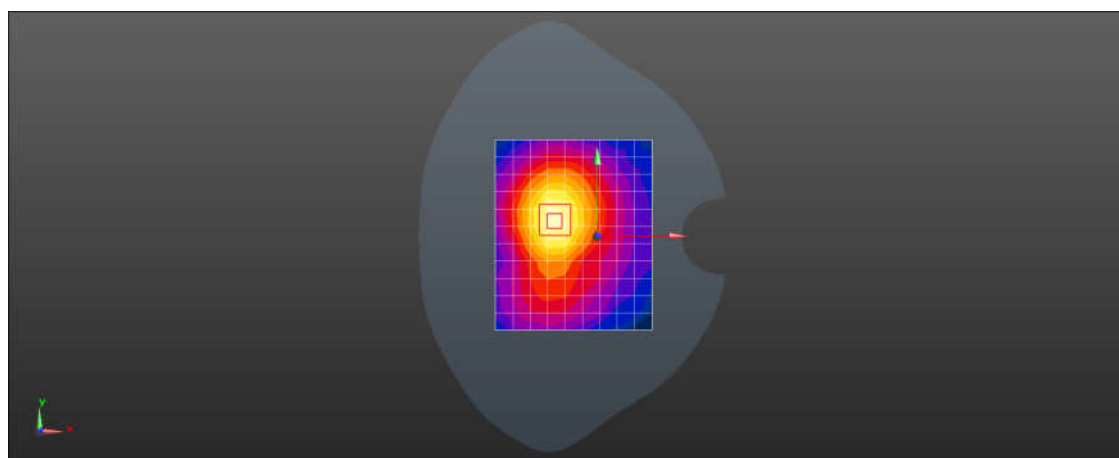
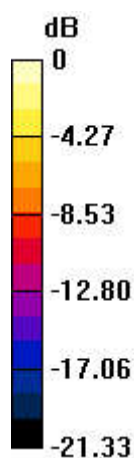
Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.223 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.2%

Maximum value of SAR (measured) = 0.679 W/kg



0 dB = 0.679 W/kg = -1.55 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 42 QPSK 20M 1RB0 42840CH Right side 13mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3525 MHz; Duty Cycle: 1:1.58

Medium: HSL3500; Medium parameters used: $f = 3525$ MHz; $\sigma = 3.041$ S/m; $\epsilon_r = 37.863$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.61, 7.06, 6.84); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.09 W/kg

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

Reference Value = 2.300 V/m; Power Drift = 0.14 dB

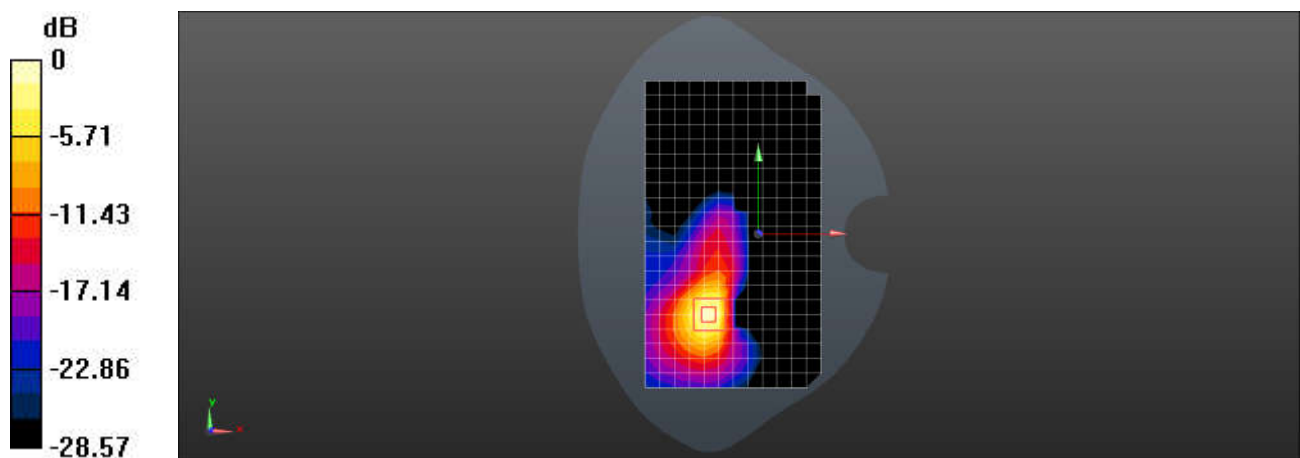
Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.313 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 77.8%

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 42 QPSK 20M 1RB0 42840CH Right side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3525 MHz; Duty Cycle: 1:1.58

Medium: HSL3500; Medium parameters used: $f = 3525$ MHz; $\sigma = 3.021$ S/m; $\epsilon_r = 37.996$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.61, 7.06, 6.84); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.20 W/kg

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

Reference Value = 3.628 V/m; Power Drift = -0.02 dB

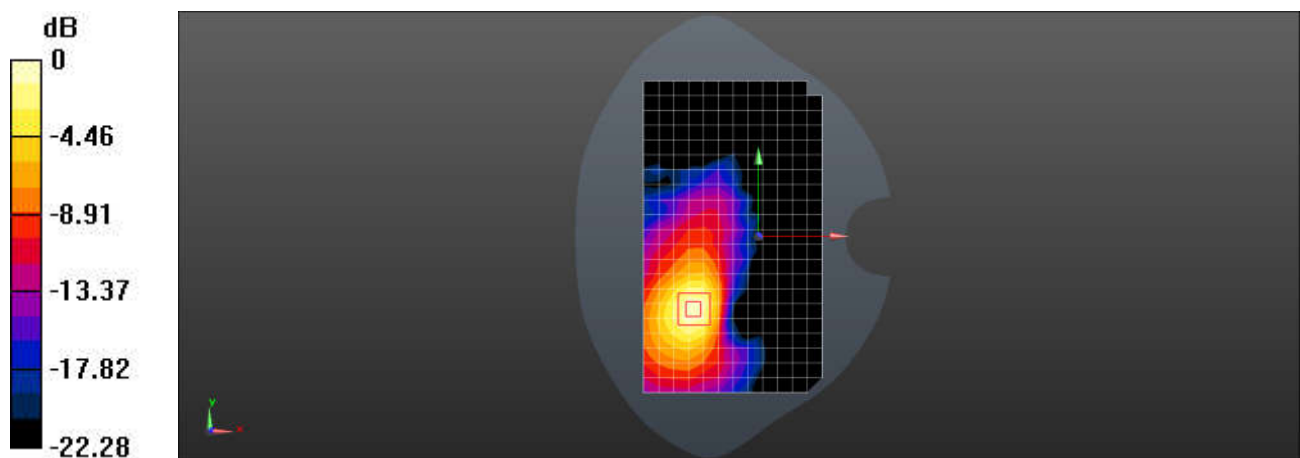
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.372 W/kg

Smallest distance from peaks to all points 3 dB below = 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 79.3%

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 43 QPSK 20M 1RB0 44590CH Right side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3700 MHz; Duty Cycle: 1:1.58

Medium: HSL3700; Medium parameters used: $f = 3700$ MHz; $\sigma = 3.231$ S/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.56, 7.01, 6.79); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.07 W/kg

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

Reference Value = 2.101 V/m; Power Drift = 0.07 dB

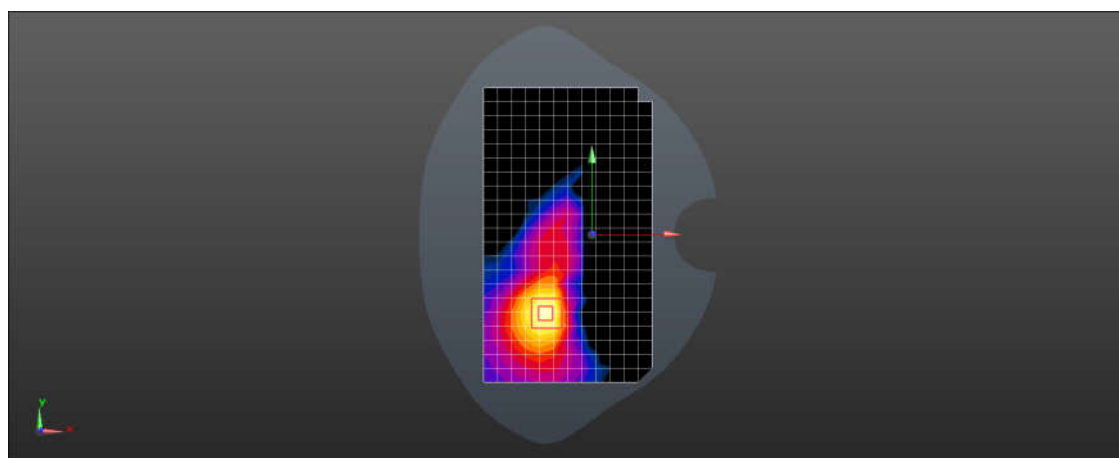
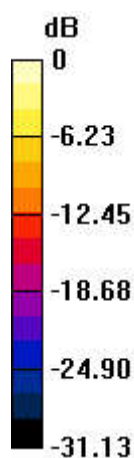
Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.256 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 76.5%

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 43 QPSK 20M 1RB0 44590CH Right side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3700 MHz; Duty Cycle: 1:1.58

Medium: HSL3700; Medium parameters used: $f = 3700$ MHz; $\sigma = 3.221$ S/m; $\epsilon_r = 37.946$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.56, 7.01, 6.79); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.39 W/kg

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

Reference Value = 1.528 V/m; Power Drift = 0.06 dB

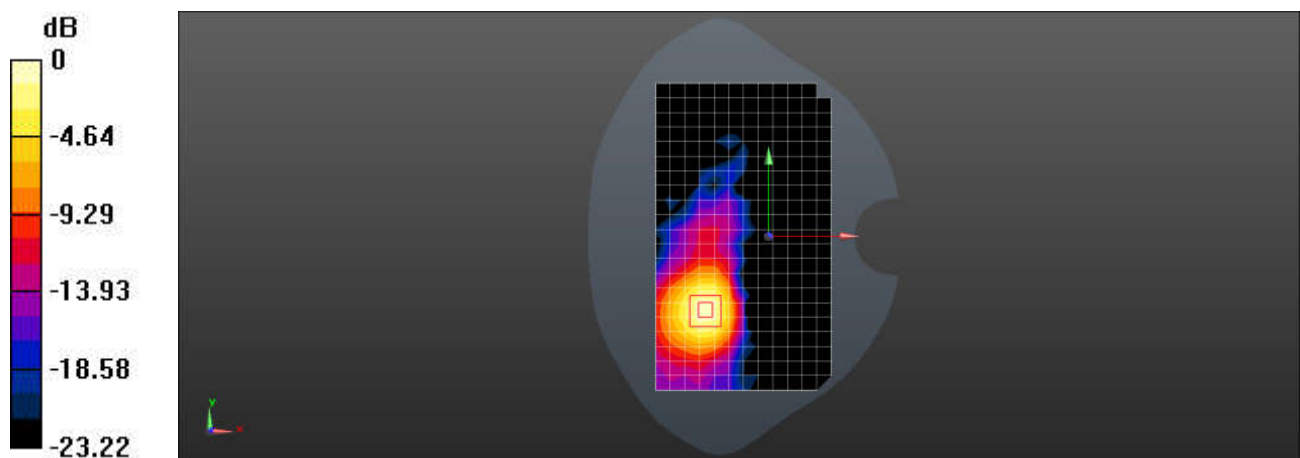
Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.344 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 78.3%

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 48 QPSK 20M 1RB0 55990CH Right side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3625 MHz; Duty Cycle: 1:1.58

Medium: HSL3700; Medium parameters used: $f = 3625$ MHz; $\sigma = 3.146$ S/m; $\epsilon_r = 37.732$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.56, 7.01, 6.79); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.03 W/kg

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

Reference Value = 1.631 V/m; Power Drift = 0.02 dB

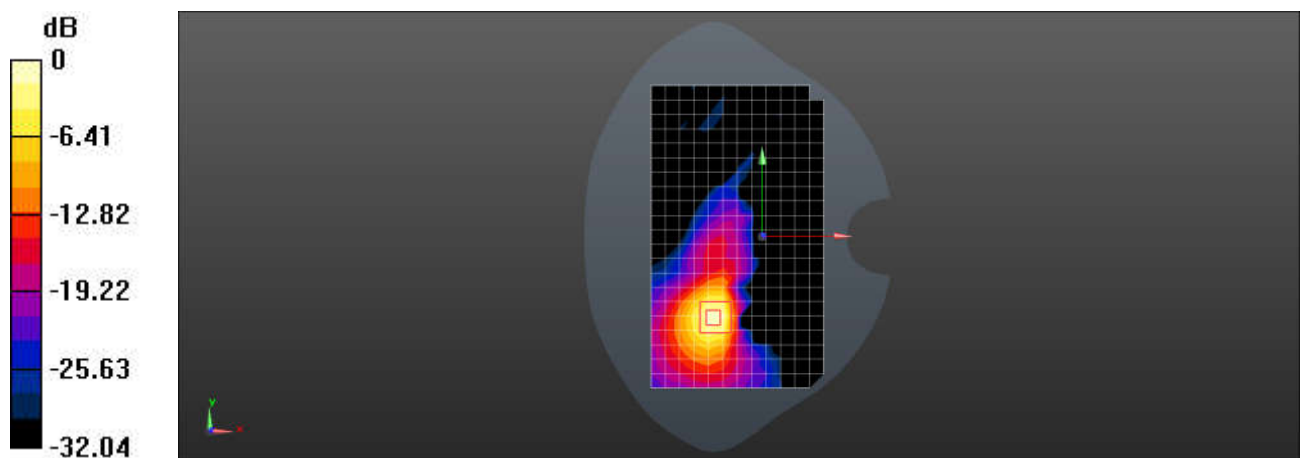
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.247 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 78.2%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 48 QPSK 20M 1RB0 55990CH Right side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3625 MHz; Duty Cycle: 1:1.58

Medium: HSL3700; Medium parameters used: $f = 3625$ MHz; $\sigma = 3.136$ S/m; $\epsilon_r = 38.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.56, 7.01, 6.79); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.32 W/kg

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

Reference Value = 1.668 V/m; Power Drift = 0.02 dB

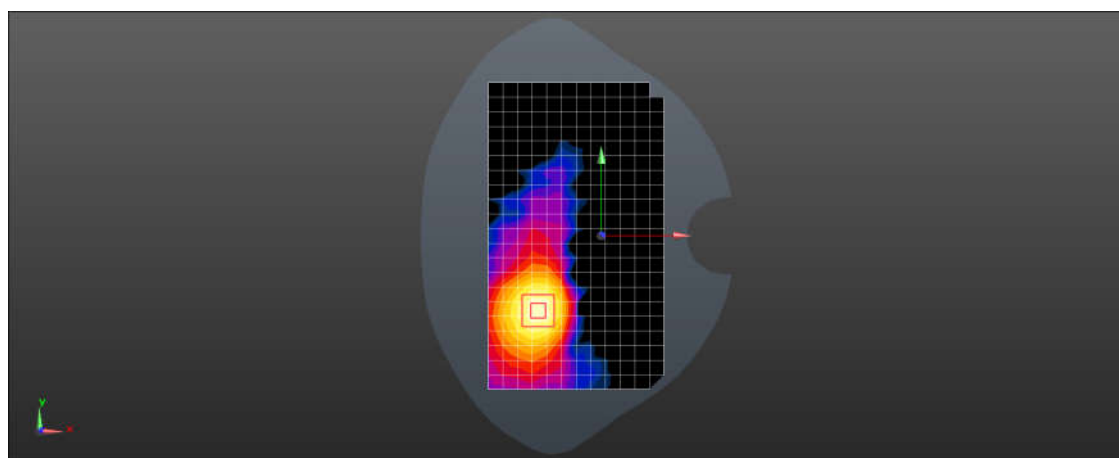
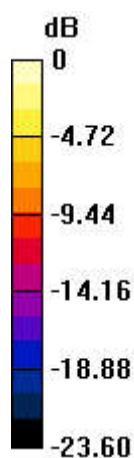
Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.354 W/kg

Smallest distance from peaks to all points 3 dB below = 11.9 mm

Ratio of SAR at M2 to SAR at M1 = 78.6%

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 66 QPSK 20M 1RB0 132322CH Top side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.99, 8.53, 8.27); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.13 W/kg

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

Reference Value = 21.88 V/m; Power Drift = 0.07 dB

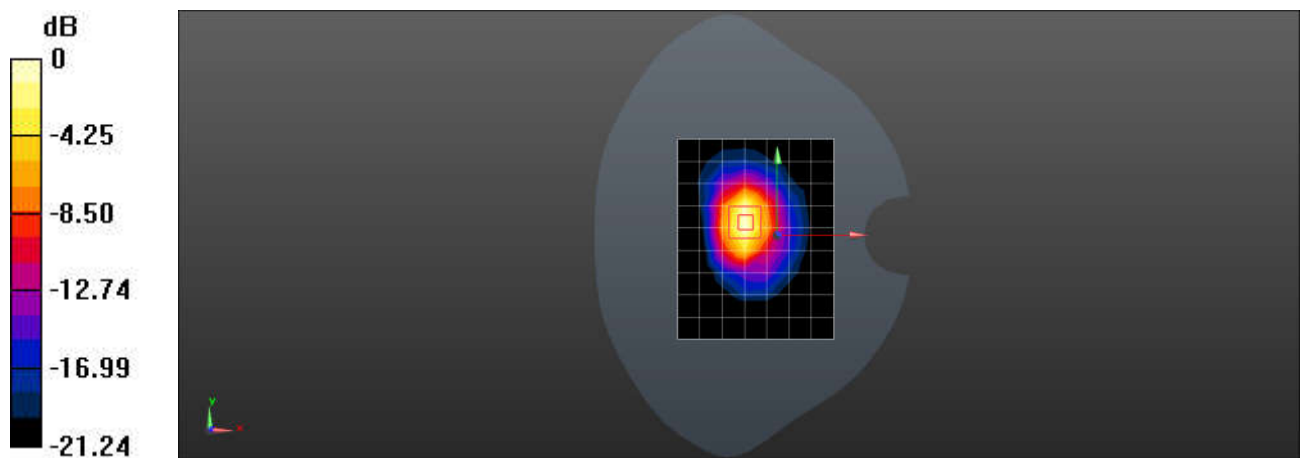
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.370 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 66 QPSK 20M 1RB0 132322CH Top side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 40.358$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.99, 8.53, 8.27); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.534 W/kg

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

Reference Value = 13.97 V/m; Power Drift = -0.15 dB

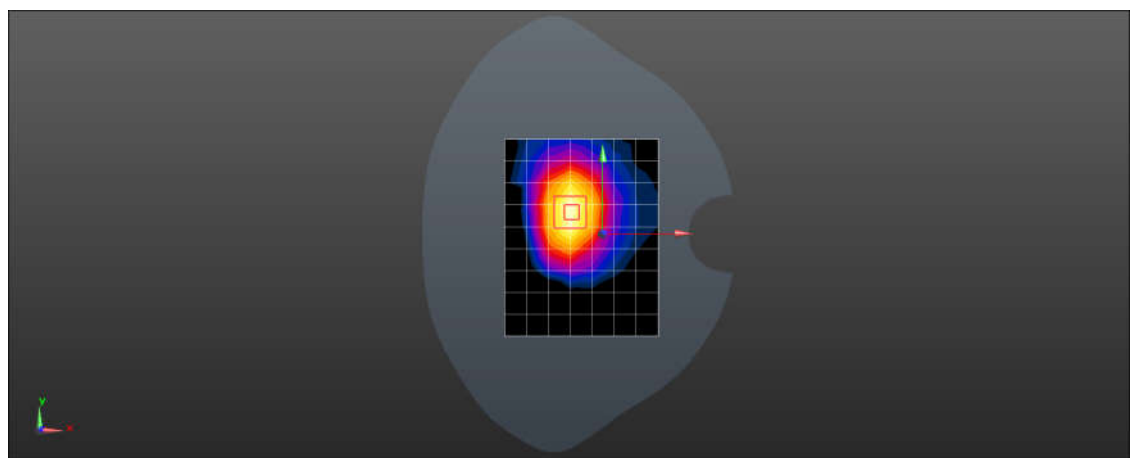
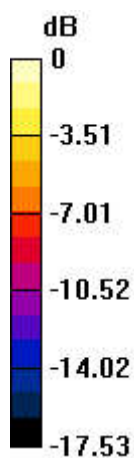
Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.281 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.6%

Maximum value of SAR (measured) = 0.557 W/kg



0 dB = 0.557 W/kg = -2.54 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 71 QPSK 20M 1RB0 133322CH Front side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL750; Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 42.737$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.839 W/kg

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

Reference Value = 12.79 V/m ; Power Drift = 0.10 dB

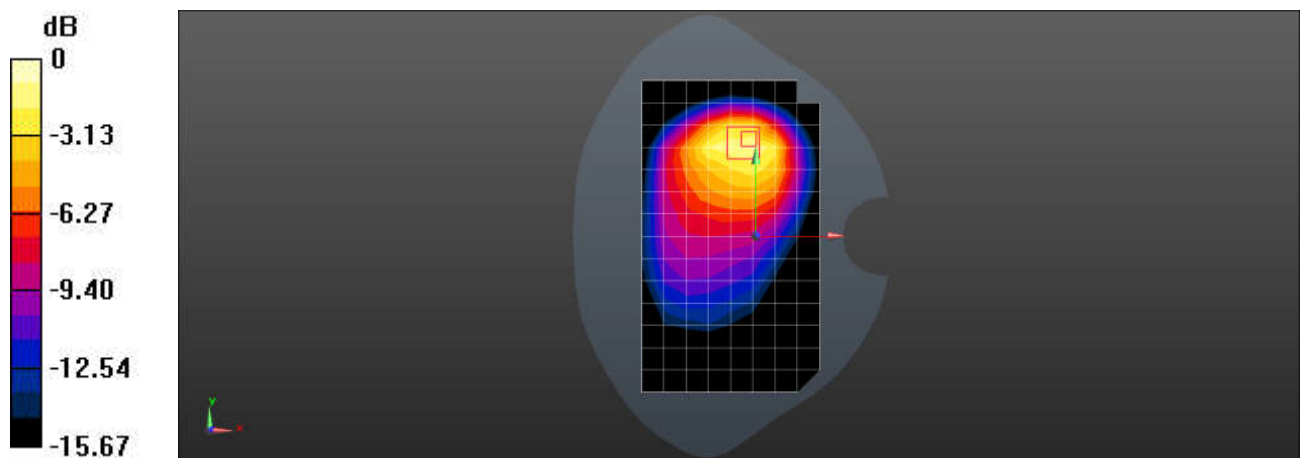
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.638 W/kg ; SAR(10 g) = 0.354 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M LTE Band 71 QPSK 20M 1RB0 133322CH Front side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL750; Medium parameters used: $f = 683$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.912$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.212 W/kg

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

Reference Value = 13.33 V/m; Power Drift = 0.08 dB

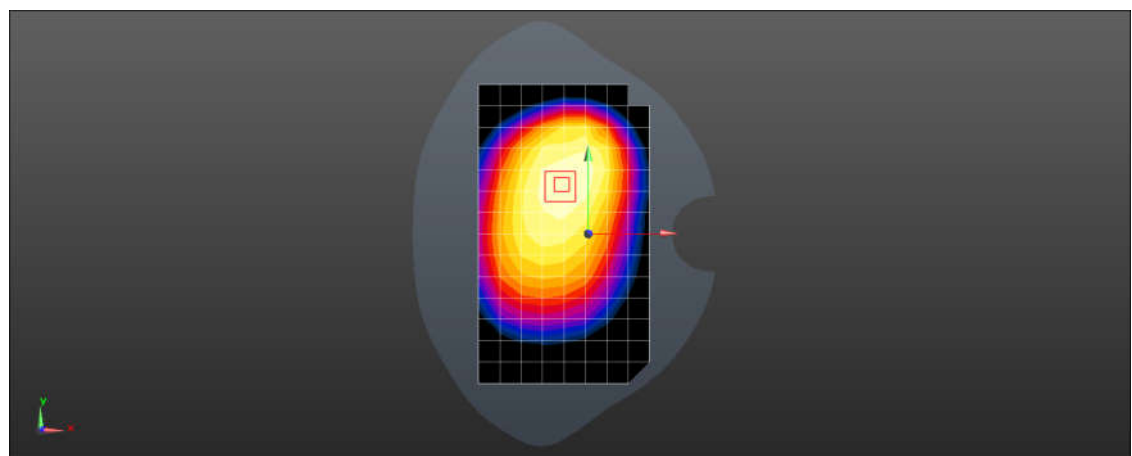
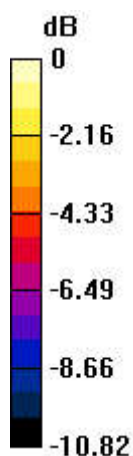
Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.129 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 = 72.4%

Maximum value of SAR (measured) = 0.216 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n5 QPSK 20M 1RB1 167300CH Front side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.458$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.34, 9.98, 9.67); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 1.14 W/kg

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

Reference Value = 11.68 V/m; Power Drift = -0.02 dB

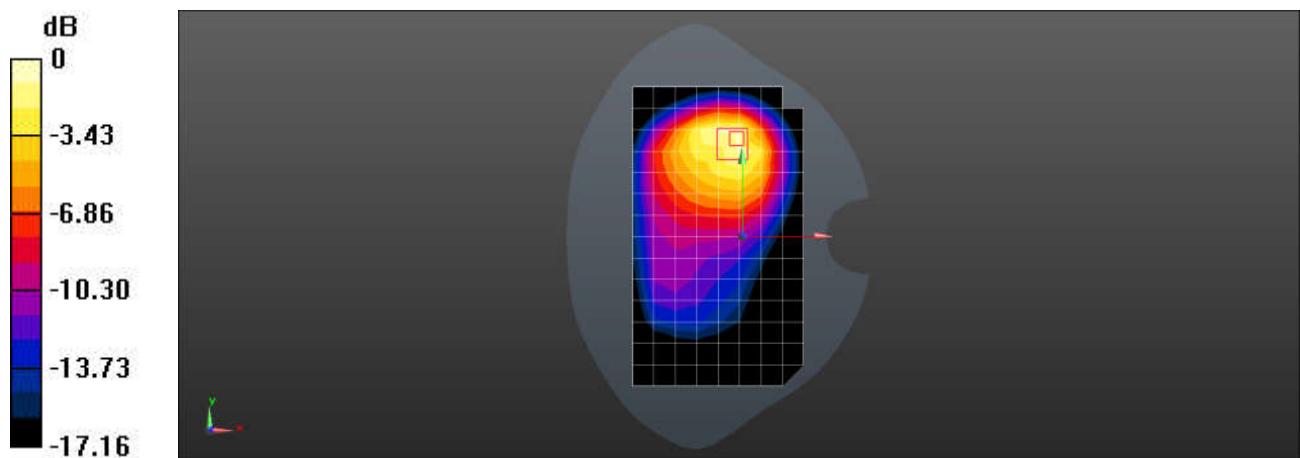
Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.488 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n5 QPSK 20M 50RB28 167300CH Front side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 43.024$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.34, 9.98, 9.67); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.407 W/kg

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

Reference Value = 13.82 V/m; Power Drift = 0.12 dB

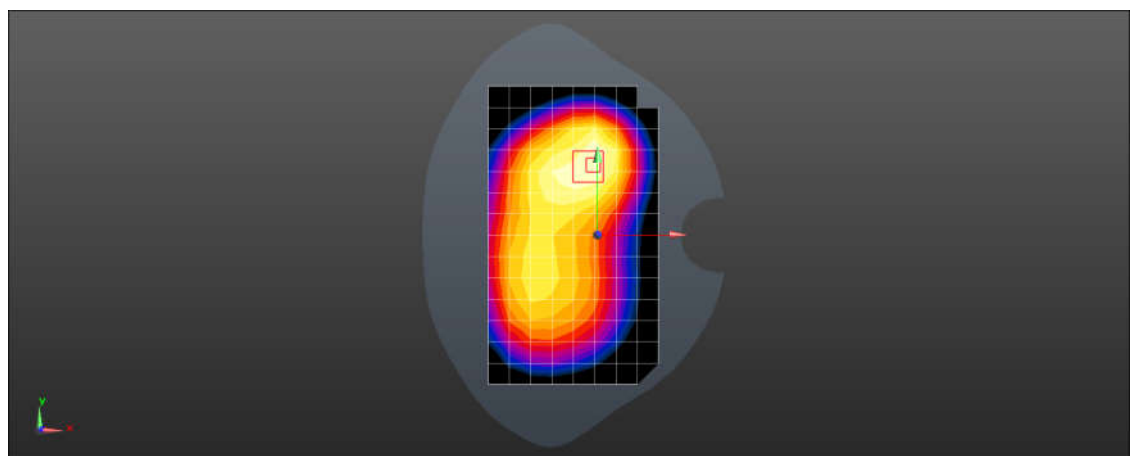
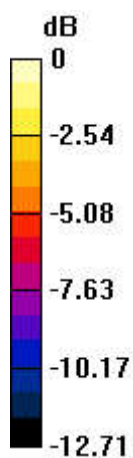
Peak SAR (extrapolated) = 0.459 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.198 W/kg

Smallest distance from peaks to all points 3 dB below = 26 mm

Ratio of SAR at M2 to SAR at M1 = 63.6%

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.402 W/kg = -3.96 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n7 QPSK 20M 1RB1 507000CH Top side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HS2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 38.367$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.03, 7.51, 7.28); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (11x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.32 W/kg

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

Reference Value = 9.830 V/m; Power Drift = 0.03 dB

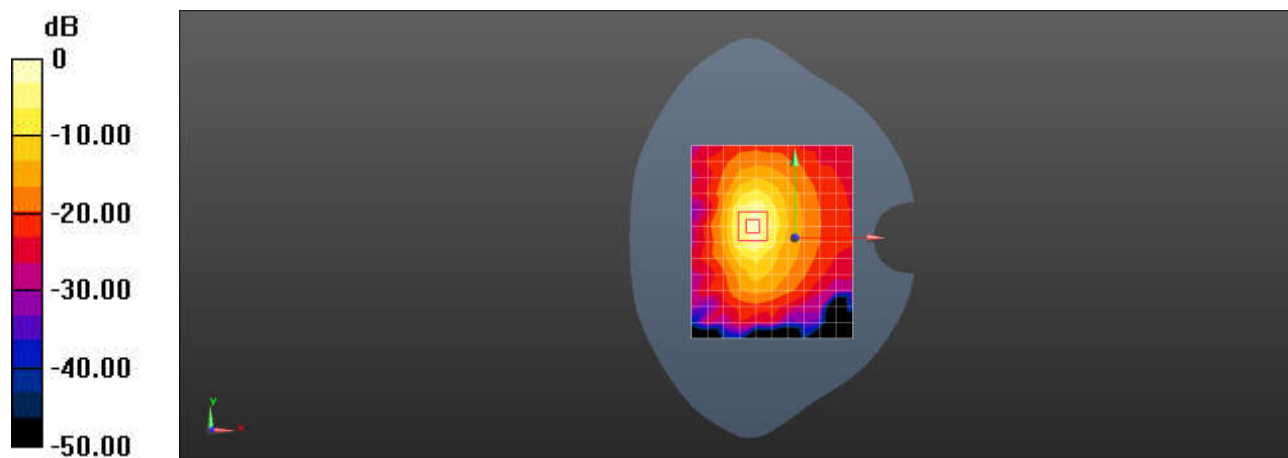
Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.345 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.32 W/kg = 1.20 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n7 QPSK 20M 1RB1 507000CH Top side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HS2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.912$ S/m; $\epsilon_r = 38.586$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.03, 7.51, 7.28); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (11x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.11 W/kg

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

Reference Value = 16.80 V/m; Power Drift = 0.04 dB

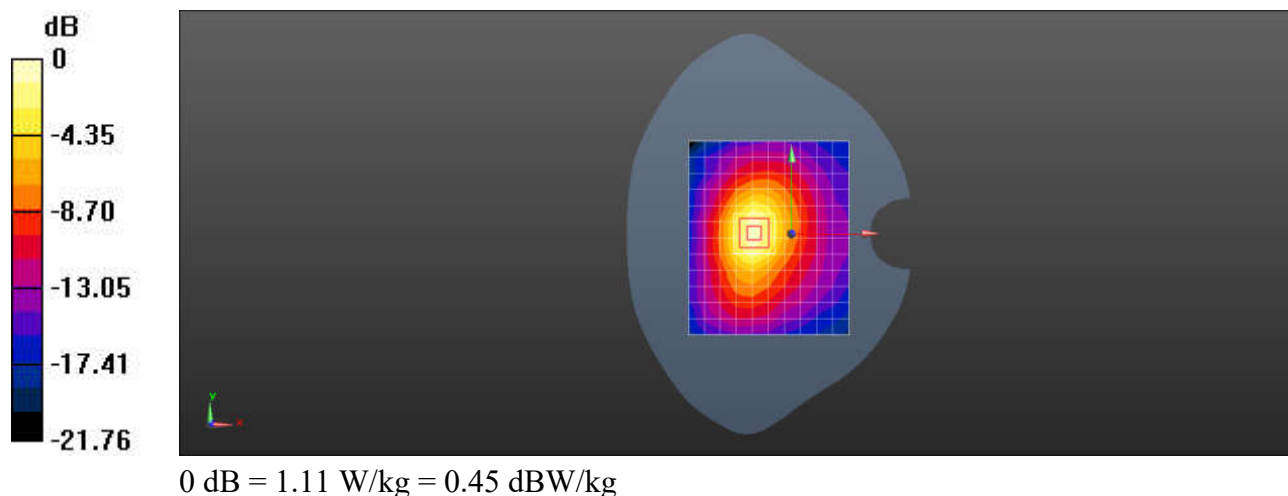
Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.391 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory: SGS-SAR Lab

BT-A800M NR n12 QPSK 10M 1RB1 141500CH Front side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 43.598$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 1.14 W/kg

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

Reference Value = 14.13 V/m; Power Drift = 0.04 dB

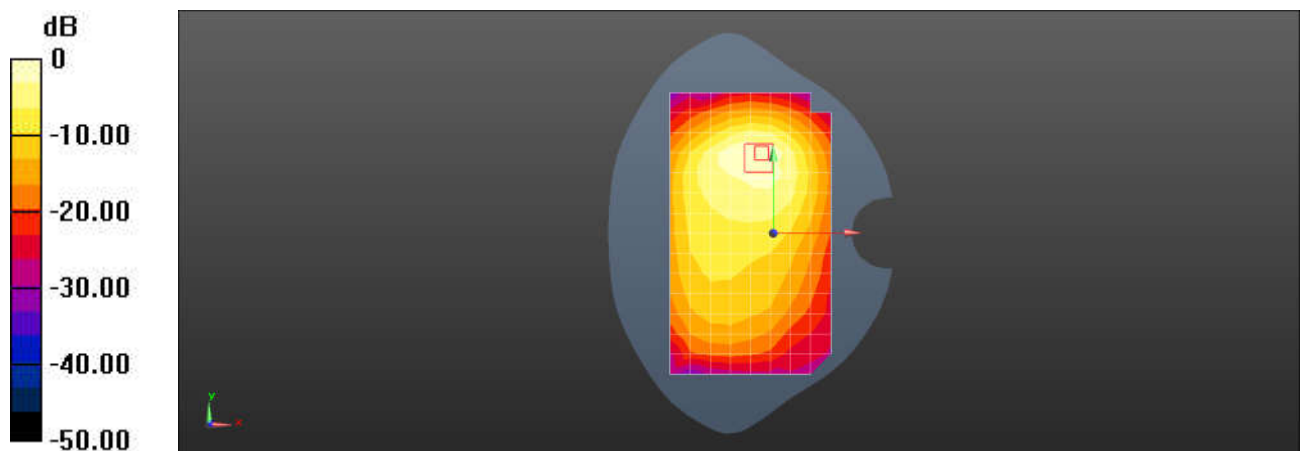
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.394 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 1.05 W/kg



Test Laboratory: SGS-SAR Lab

BT-A800M NR n12 QPSK 10M 1RB1 141500CH Front side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 43.847$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

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

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

Reference Value = 14.08 V/m; Power Drift = 0.07 dB

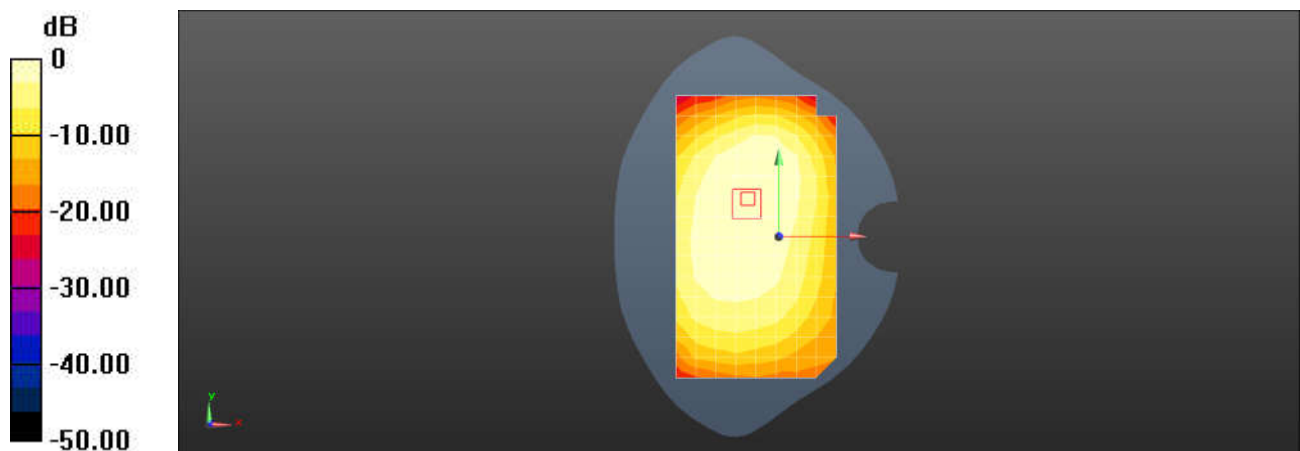
Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.134 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 = 74.2%

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



0 dB = 0.223 W/kg = -6.51 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n25 QPSK 30M 1RB1 376500CH Top side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HS1950; Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.514$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.79, 8.32, 8.06); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.03 W/kg

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

Reference Value = 11.20 V/m; Power Drift = 0.01 dB

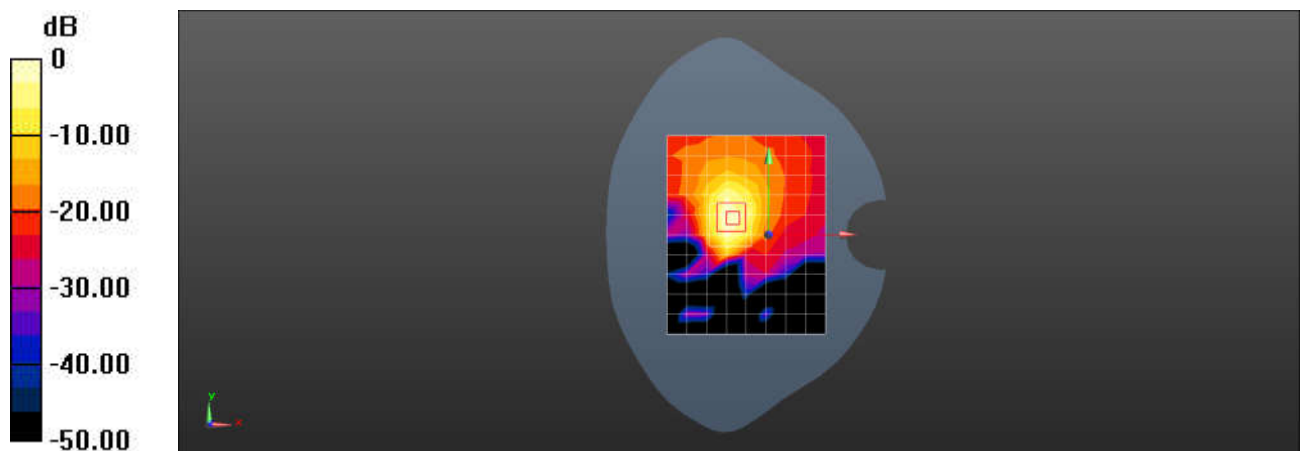
Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.351 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 1.27 W/kg



Test Laboratory: SGS-SAR Lab

BT-A800M NR n25 QPSK 30M 1RB1 376500CH Top side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HS1950; Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.79, 8.32, 8.06); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.06 W/kg

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

Reference Value = 15.51 V/m; Power Drift = 0.03 dB

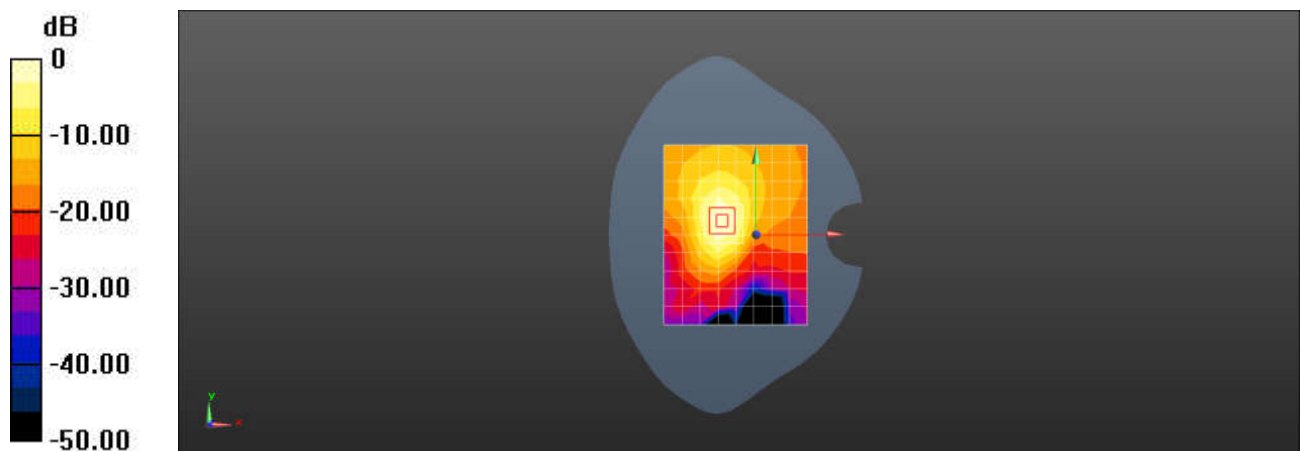
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.356 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 1.17 W/kg



Test Laboratory: SGS-SAR Lab

BT-A800M NR n41 QPSK 100M 1RB1 518598CH Right side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 38.14$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.03, 7.51, 7.28); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 1.35 W/kg

Configuration/Scan/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.63 V/m; Power Drift = 0.06 dB

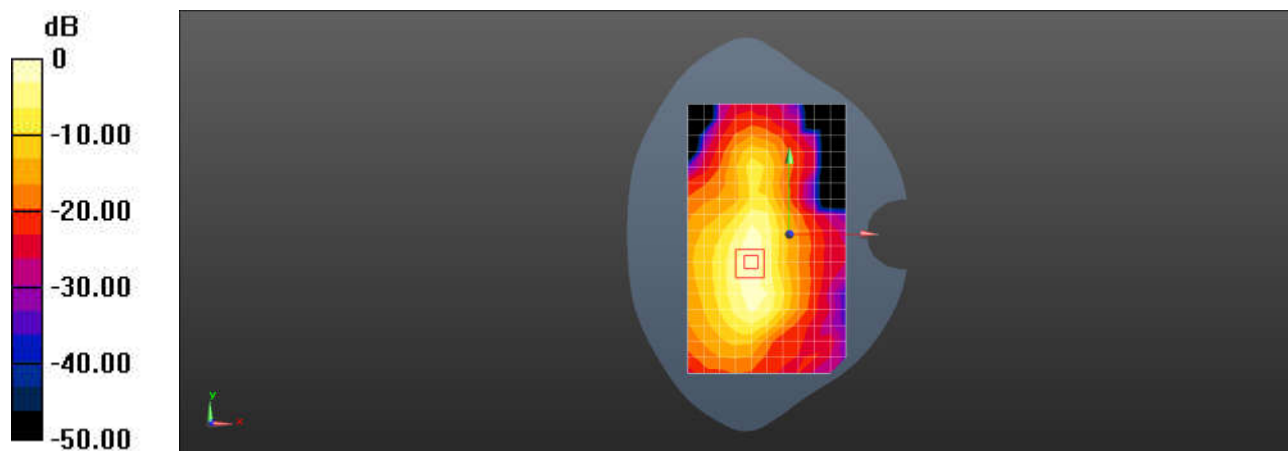
Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.386 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

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

Maximum value of SAR (measured) = 1.35 W/kg



Test Laboratory: SGS-SAR Lab

BT-A800M NR n41 QPSK 100M 1RB1 518598CH Right side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 38.358$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.03, 7.51, 7.28); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.565 W/kg

Configuration/Scan/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.56 V/m; Power Drift = 0.10 dB

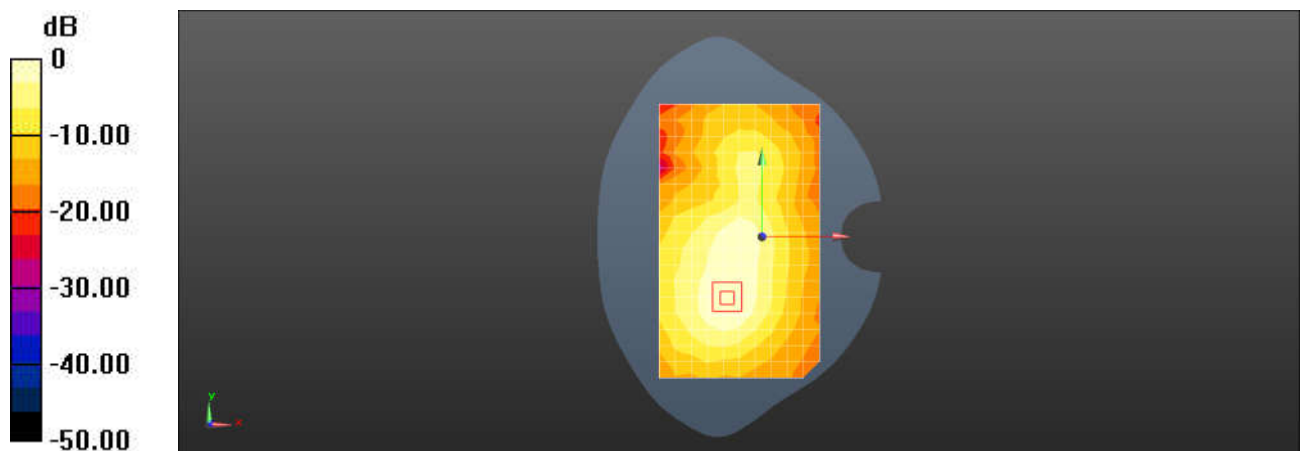
Peak SAR (extrapolated) = 0.702 W/kg

SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.232 W/kg

Smallest distance from peaks to all points 3 dB below = 18.6 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.593 W/kg



0 dB = 0.565 W/kg = -2.48 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n48 QPSK 40M 1RB1 641666CH Right side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 3624.99 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3625$ MHz; $\sigma = 3.146$ S/m; $\epsilon_r = 37.732$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.56, 7.01, 6.79); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.51 W/kg

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

Reference Value = 1.569 V/m; Power Drift = 0.06 dB

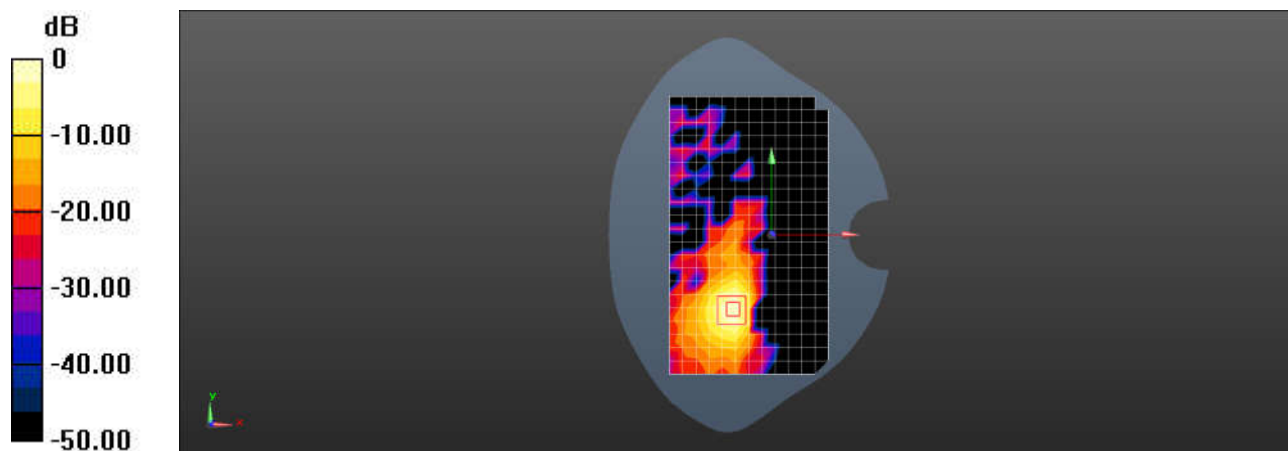
Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.320 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 79.3%

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.51 W/kg = 1.80 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n48 QPSK 40M 1RB1 641666CH Right side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 3624.99 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3625$ MHz; $\sigma = 3.136$ S/m; $\epsilon_r = 38.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.56, 7.01, 6.79); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.19 W/kg

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

Reference Value = 1.916 V/m; Power Drift = 0.16 dB

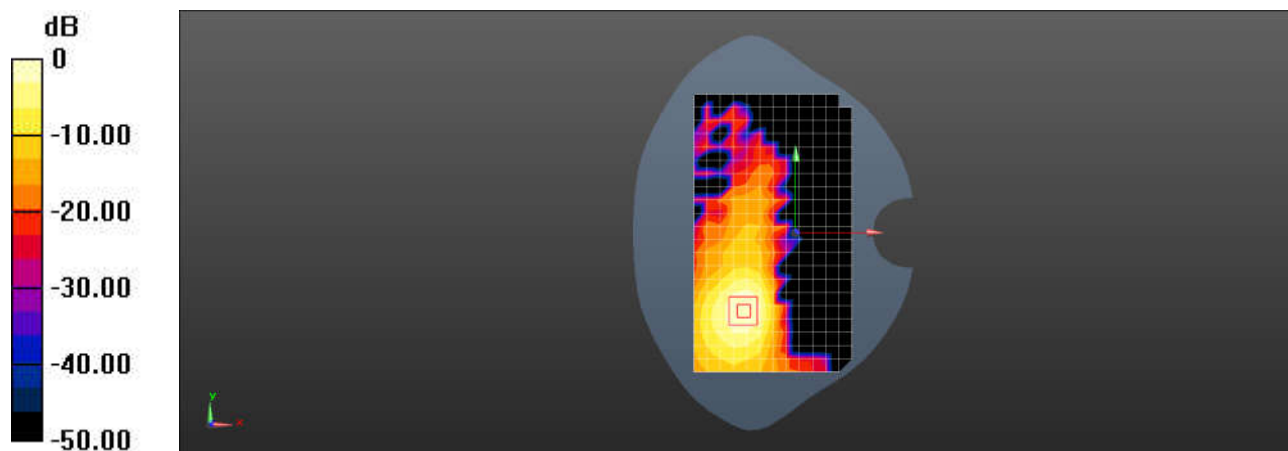
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.335 W/kg

Smallest distance from peaks to all points 3 dB below = 11.9 mm

Ratio of SAR at M2 to SAR at M1 = 79.2%

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.19 W/kg = 0.74 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n66 QPSK 30M 1RB1 349000CH Top side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HS1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.99, 8.53, 8.27); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.04 W/kg

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

Reference Value = 13.19 V/m; Power Drift = 0.05 dB

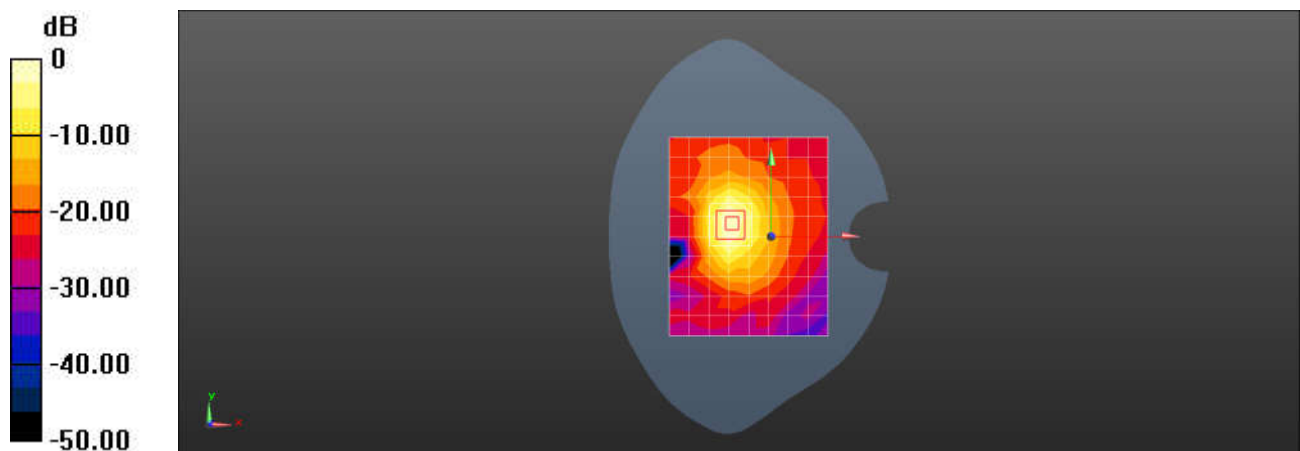
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.357 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.04 W/kg = 0.19 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n66 QPSK 30M 1RB1 349000CH Top side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HS1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 40.358$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.99, 8.53, 8.27); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.446 W/kg

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

Reference Value = 16.45 V/m; Power Drift = 0.04 dB

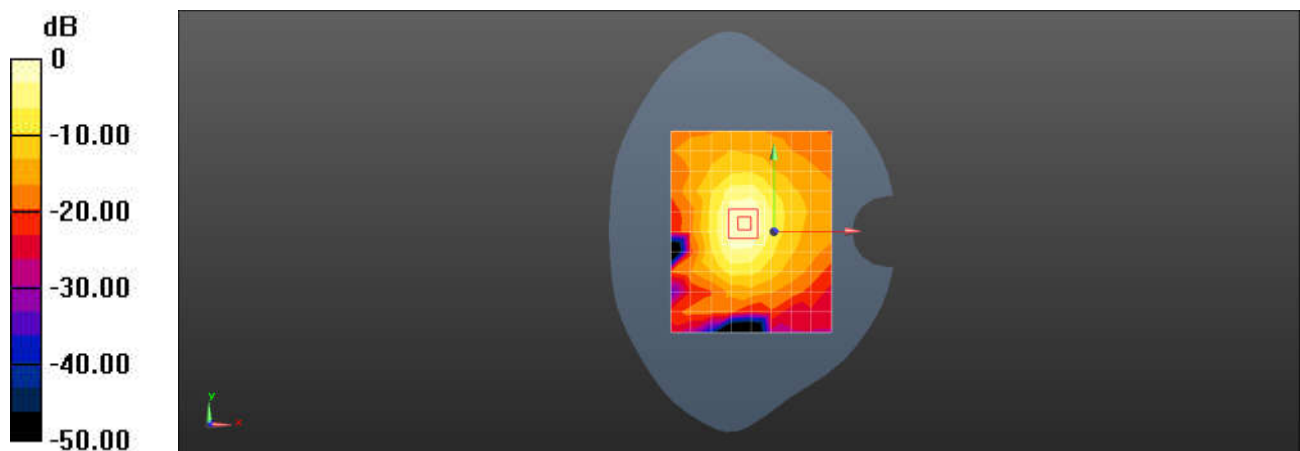
Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.206 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 0.546 W/kg



0 dB = 0.446 W/kg = -3.51 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n71 QPSK 20M 1RB1 136100CH Front side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 42.753$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.779 W/kg

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

Reference Value = 13.03 V/m; Power Drift = 0.07 dB

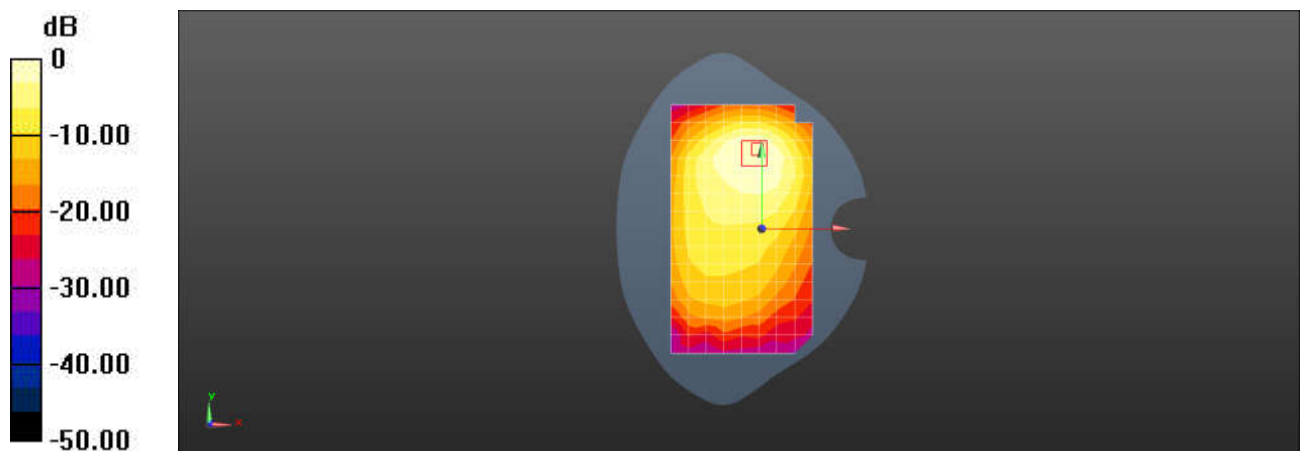
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.374 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 43.7%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 0.779 W/kg = -1.09 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n71 QPSK 20M 1RB1 136100CH Front side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 42.003$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(9.52, 10.18, 9.86); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

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

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

Reference Value = 13.03 V/m; Power Drift = 0.01 dB

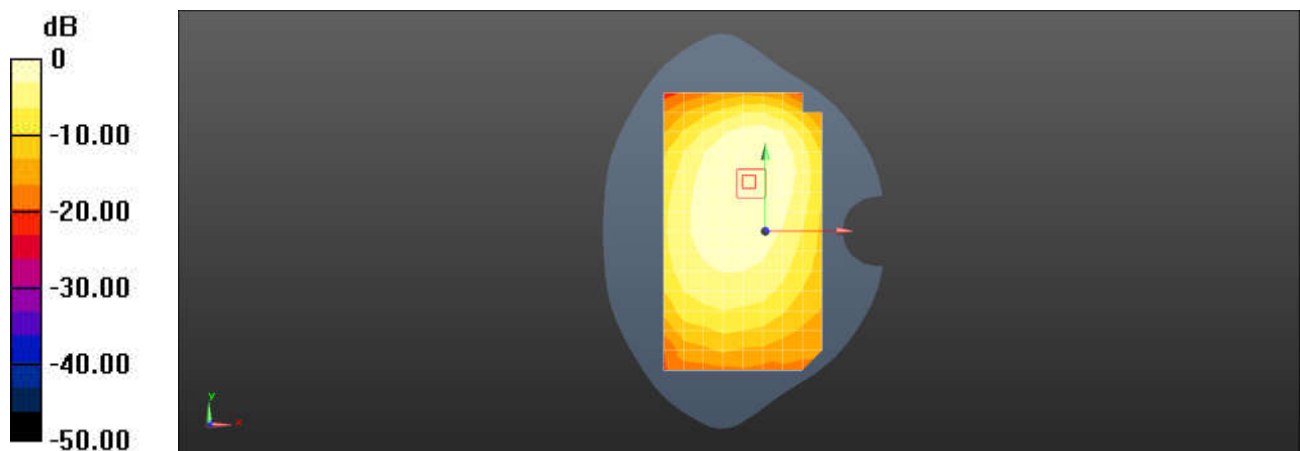
Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.130 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 = 70.2%

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



Test Laboratory: SGS-SAR Lab

BT-A800M NR n77 QPSK 100M 1RB1 633334CH Right side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL3500; Medium parameters used: $f = 3500$ MHz; $\sigma = 2.998$ S/m; $\epsilon_r = 38.131$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.61, 7.06, 6.84); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.03 W/kg

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

Reference Value = 1.510 V/m; Power Drift = 0.09 dB

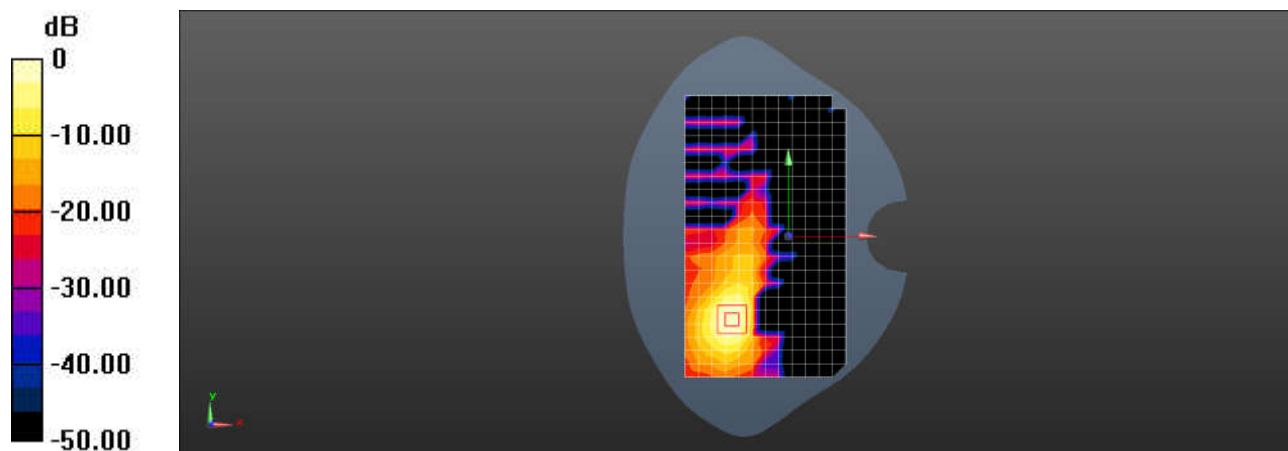
Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.292 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 79.3%

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.03 W/kg = 0.12 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n77 QPSK 100M 1RB1 633334CH Right side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

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

Medium: HSL3500; Medium parameters used: $f = 3500$ MHz; $\sigma = 2.989$ S/m; $\epsilon_r = 38.615$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.61, 7.06, 6.84); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 5.298 V/m; Power Drift = 0.04 dB

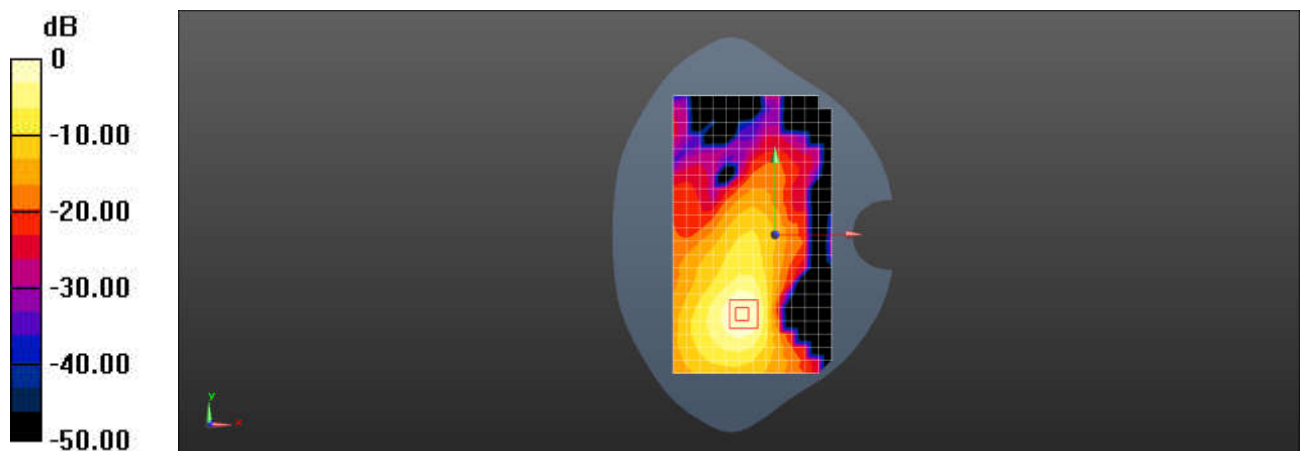
Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.327 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 78.9%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.12 W/kg = 0.50 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n77 QPSK 100M 1RB1 650000CH Right side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.287$ S/m; $\epsilon_r = 37.346$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.56, 7.01, 6.79); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.18 W/kg

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

Reference Value = 0.6390 V/m; Power Drift = 0.01 dB

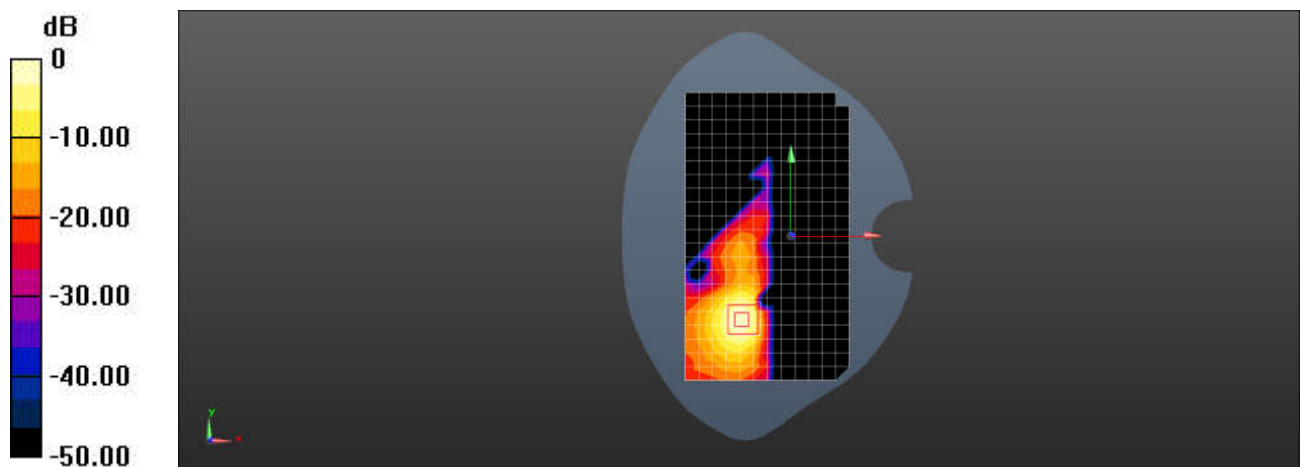
Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.249 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 76.5%

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



0 dB = 1.18 W/kg = 0.73 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M NR n77 QPSK 100M 1RB1 650000CH Right side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.278$ S/m; $\epsilon_r = 37.787$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(6.56, 7.01, 6.79); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.987 W/kg

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

Reference Value = 2.131 V/m; Power Drift = 0.04 dB

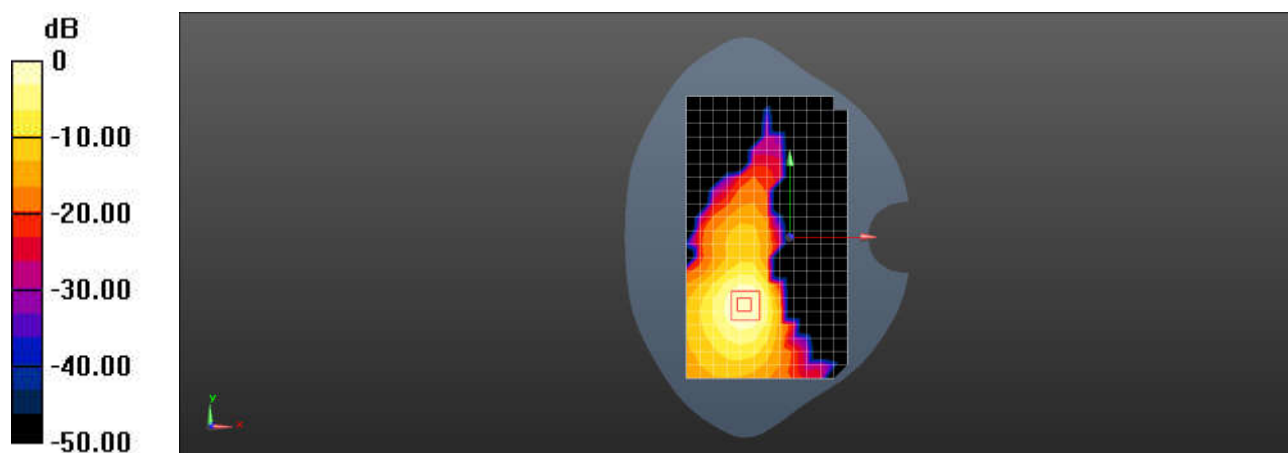
Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.323 W/kg

Smallest distance from peaks to all points 3 dB below = 10.5 mm

Ratio of SAR at M2 to SAR at M1 = 76.9%

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 0.987 W/kg = -0.06 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M WIFI 2.4G 802.11AX HE20 1CH Back Angle side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.003

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 38.782$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.18, 7.67, 7.44); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.509 W/kg

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

Reference Value = 1.114 V/m; Power Drift = 0.13 dB

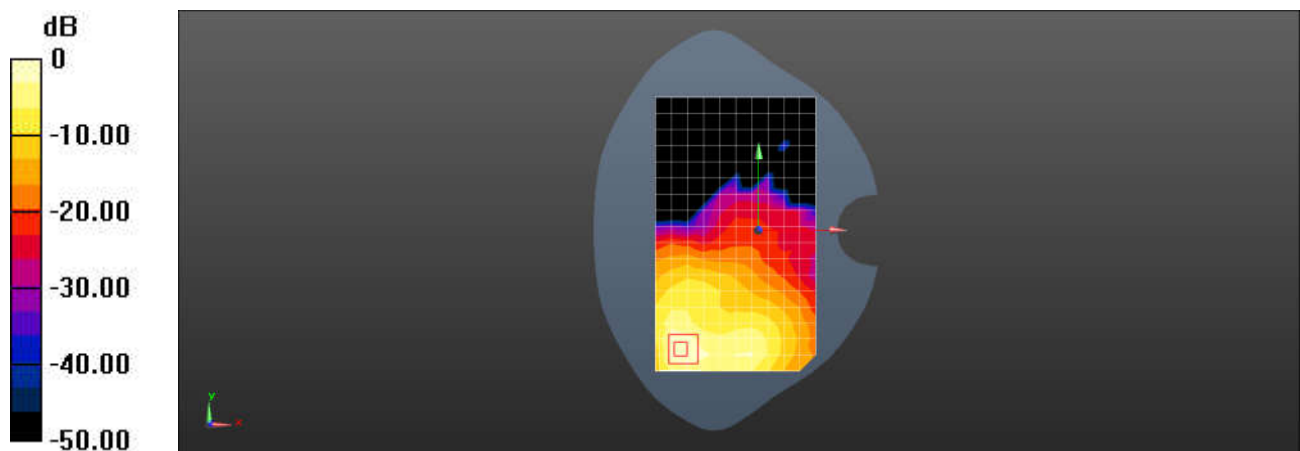
Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.185 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

Maximum value of SAR (measured) = 0.762 W/kg



0 dB = 0.509 W/kg = -2.93 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M WIFI 2.4G 802.11AX HE20 1CH Back Angle side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.003

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.004$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.18, 7.67, 7.44); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.134 W/kg

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

Reference Value = 1.939 V/m; Power Drift = 0.06 dB

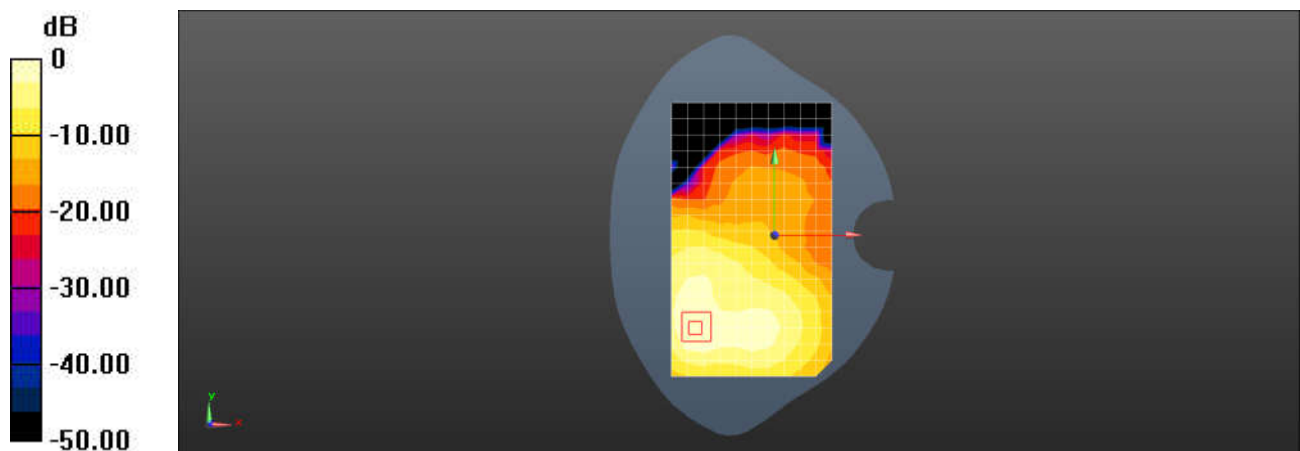
Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.054 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.9%

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.134 W/kg = -8.73 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M WIFI 5G 802.11a 100CH Top side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5500 MHz;Duty Cycle: 1:1.008

Medium: HSL5000;Medium parameters used: $f = 5500$ MHz; $\sigma = 5.129$ S/m; $\epsilon_r = 36.893$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.08, 5.29, 5.19); Calibrated: 2025/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.51 W/kg

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

Reference Value = 4.104 V/m; Power Drift = 0.05 dB

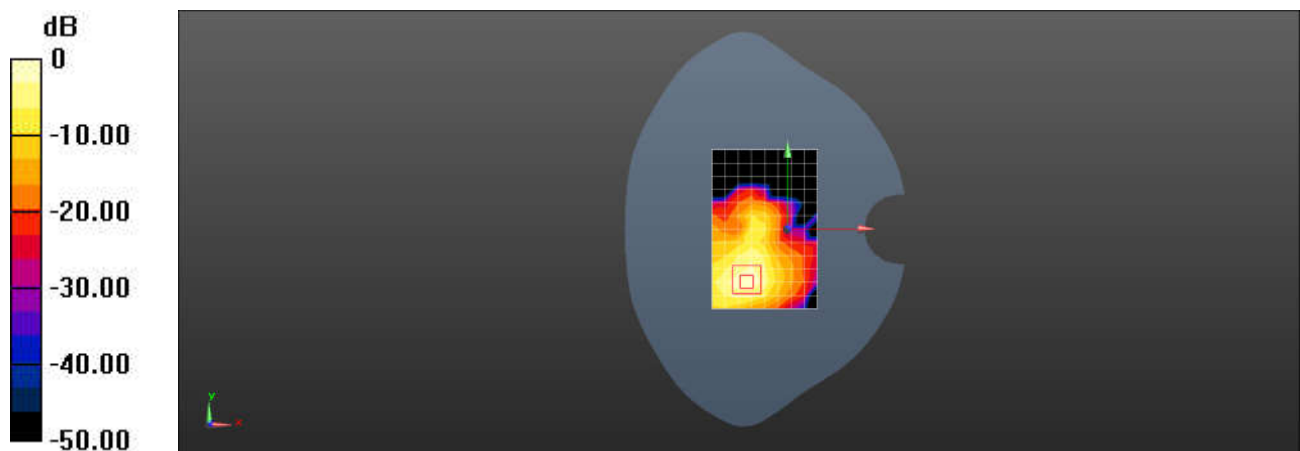
Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.343 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 59%

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

BT-A800M WiFi6E_802.11BE EHT80M_151Ch_Top Side 0mm

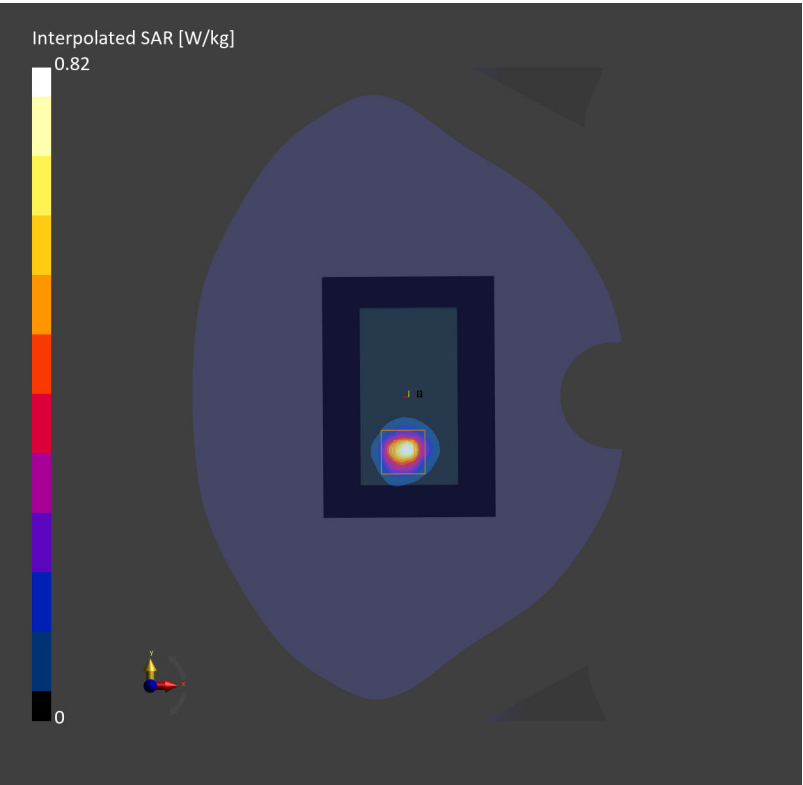
Communication System: U-NII-7; Frequency: 6705.0
Medium: HSL. Medium parameters used: $f=6705.0$ MHz; $\sigma=6.44$ S/m; $\epsilon_r=33.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(5.4, 5.62, 5.52); Calibrated: 2025-1-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1740; Calibrated: 2025-2-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2103
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (85.0 mm x 119.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.512 W/kg; SAR (10g) = 0.152 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.09 dB
SAR (1g) = 0.511 W/kg; SAR (8g) = 0.172 W/kg; SAR (10g) = 0.145 W/kg;

psAPD (4.0cm2, sq) [W/m2]	3.43
M2/M1 [%]	60.6
Dist 3dB Peak [mm]	6.2



Test Laboratory: SGS-SAR Lab

BT-A800M Bluetooth DH5 39CH Back Angle side 0mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.797$ S/m; $\epsilon_r = 38.659$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.18, 7.67, 7.44); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.021 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.09 dB

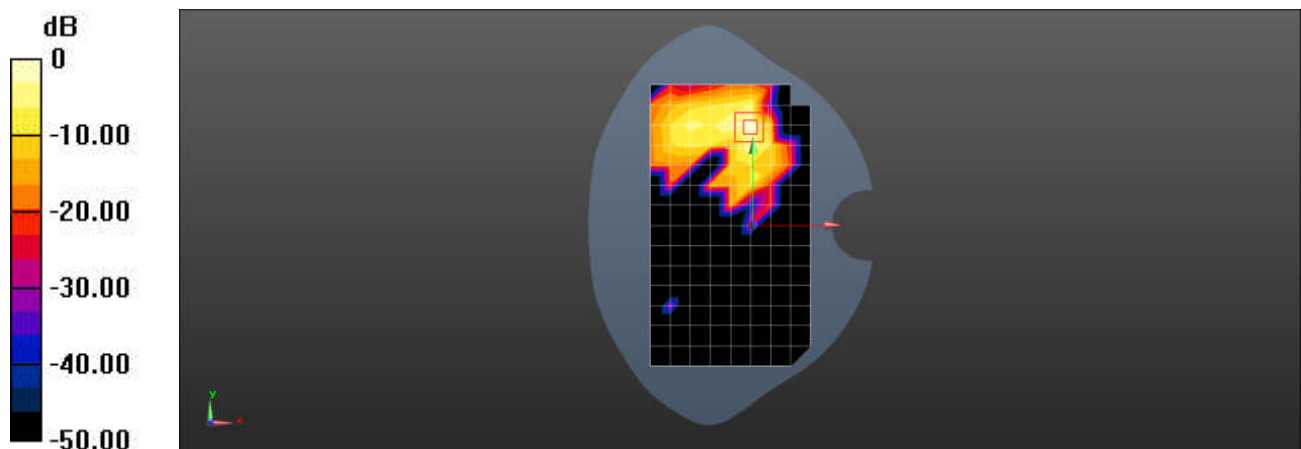
Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.007 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 = 40.1%

Maximum value of SAR (measured) = 0.0333 W/kg



0 dB = 0.0333 W/kg = -11.5 dBW/kg

Test Laboratory: SGS-SAR Lab

BT-A800M Bluetooth DH5 39CH Back Angle side 10mm

DUT: BT-A800M; Type: Handheld Terminal; Serial: 004403170181293

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 38.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.18, 7.67, 7.44); Calibrated: 2025/11/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/2/17
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.00869 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.09 dB

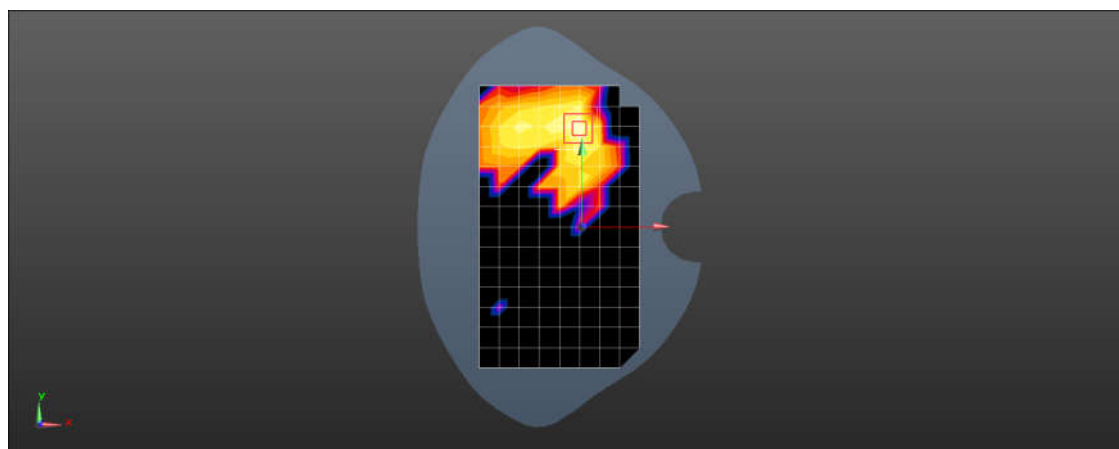
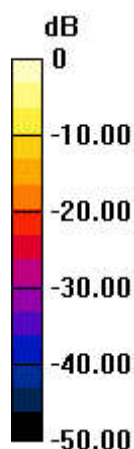
Peak SAR (extrapolated) = 0.00678 W/kg

SAR(1 g) = 0.002 W/kg; SAR(10 g) = 0.001 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 = 46.1%

Maximum value of SAR (measured) = 0.00498 W/kg



0 dB = 0.00869 W/kg = -20.61 dBW/kg

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	260.0 x 91.3 x 49.2	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-7	WLAN, 10731-AAC	6705.0, 151	1.0

Hardware Setup

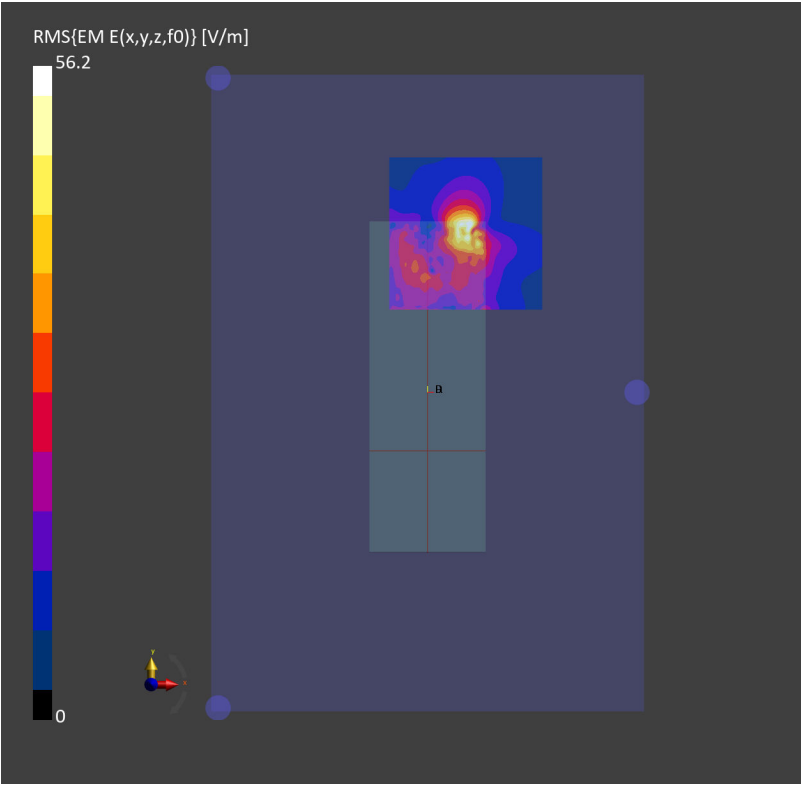
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1777	Air –	EUmmWV4 – SN9718_F1–55GHz, 2025–08–04	DAE4ip Sn1826, 2025–02–17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2026–01–24
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.03
psPDtot+ [W/m²]	4.78
psPDmod+ [W/m²]	7.27
E _{max} [V/m]	56.2
Power Drift [dB]	–0.04





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- End of the Appendix -