



Appendix B

Detailed Test Results

1. LTE
LTE Band 2 for Body
LTE Band 5 for Body
LTE Band 7 for Body
LTE Band 12 for Body
LTE Band 66 for Body
2. WIFI&BT
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.8GHz for Body





Date: 2025/10/21

Test Laboratory: LCS-SAR Lab

LTE B2 20M QPSK 18700CH 1RB0 Rear side 0mm

DUT: Rugged Mobile Terminal ; Type: R1000 ; Serial: A250910023-1

Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 40.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.25 W/kg

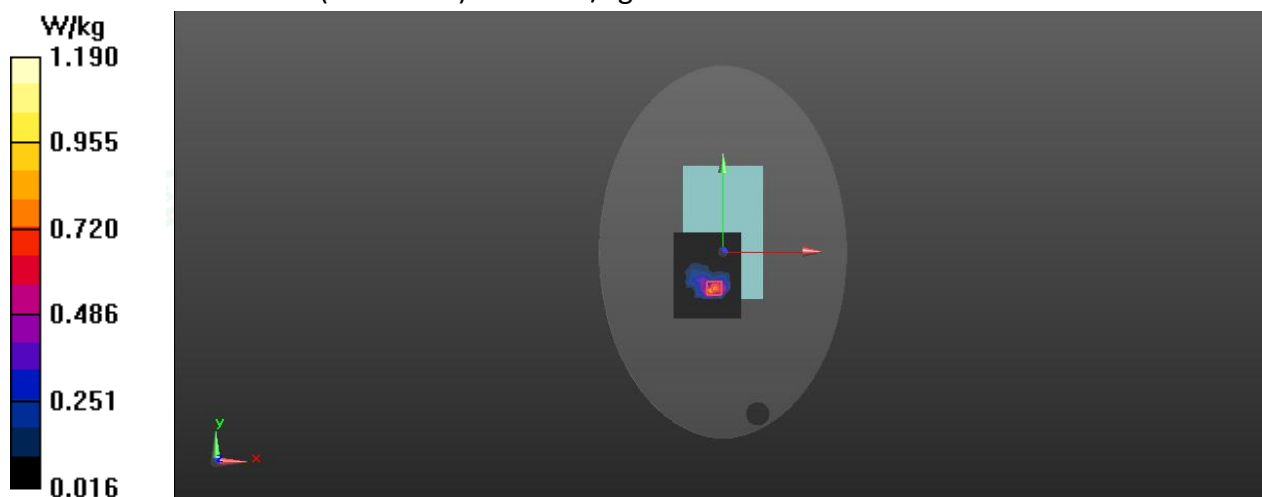
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.39 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.364 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



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Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Date: 2025/10/15

Test Laboratory: LCS-SAR Lab

LTE B5 10M QPSK 20600CH 1RB0 Rear side 0mm

DUT: Rugged Mobile Terminal ; Type: R1000 ; Serial: A250910023-1

Communication System: UID 0, LTE-TDD (0); Frequency: 844.0 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844.0$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 40.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.947 W/kg

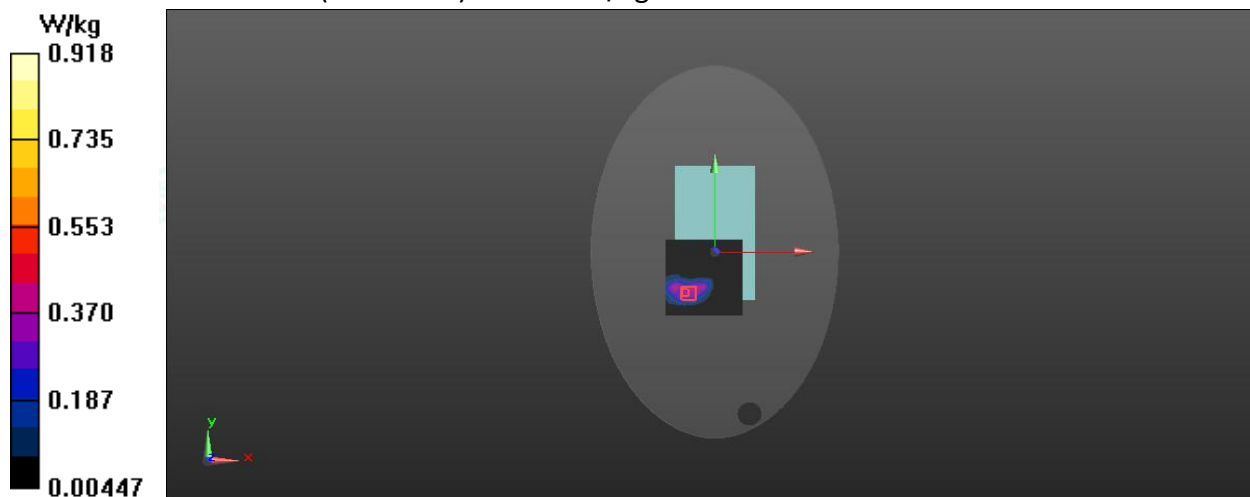
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.74 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.274 W/kg

Maximum value of SAR (measured) = 0.918 W/kg



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Date: 2025/10/24

Test Laboratory: LCS-SAR Lab

LTE B7 20M QPSK 21100CH 1RB0 Rear side 0mm**DUT: Rugged Mobile Terminal ; Type: R1000 ; Serial: A250910023-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 2535.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535.5$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 38.394$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.25, 7.25, 7.25); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.09 W/kg

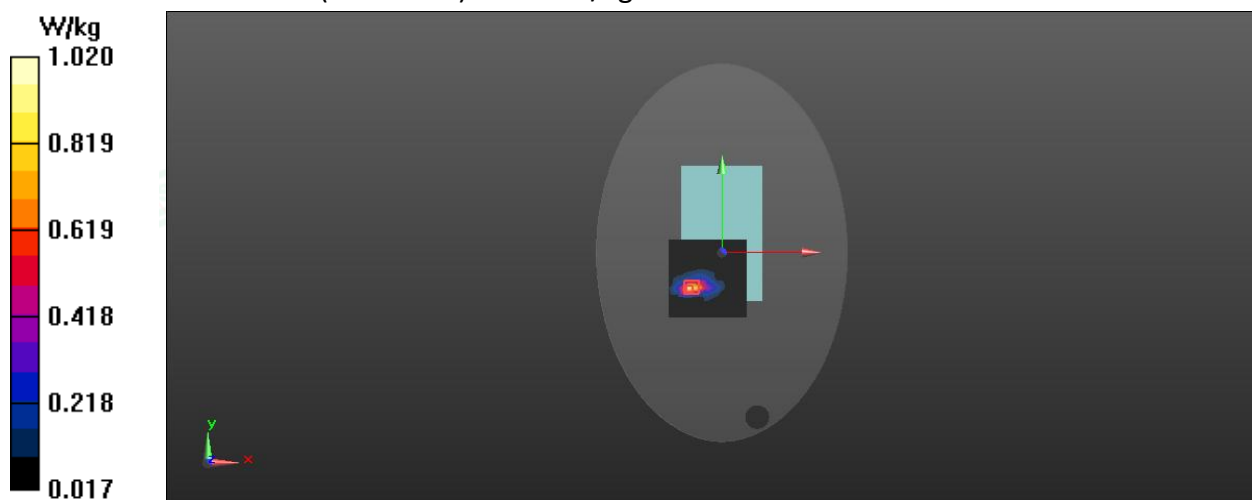
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.44 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



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Date: 2025/10/13

Test Laboratory: LCS-SAR Lab

LTE B12 10M QPSK 23095CH 1RB0 Rear side 0mm

DUT: Mobile Phone; Type: F31tx; Serial: A250620059-1

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

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 41.868$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.805 W/kg

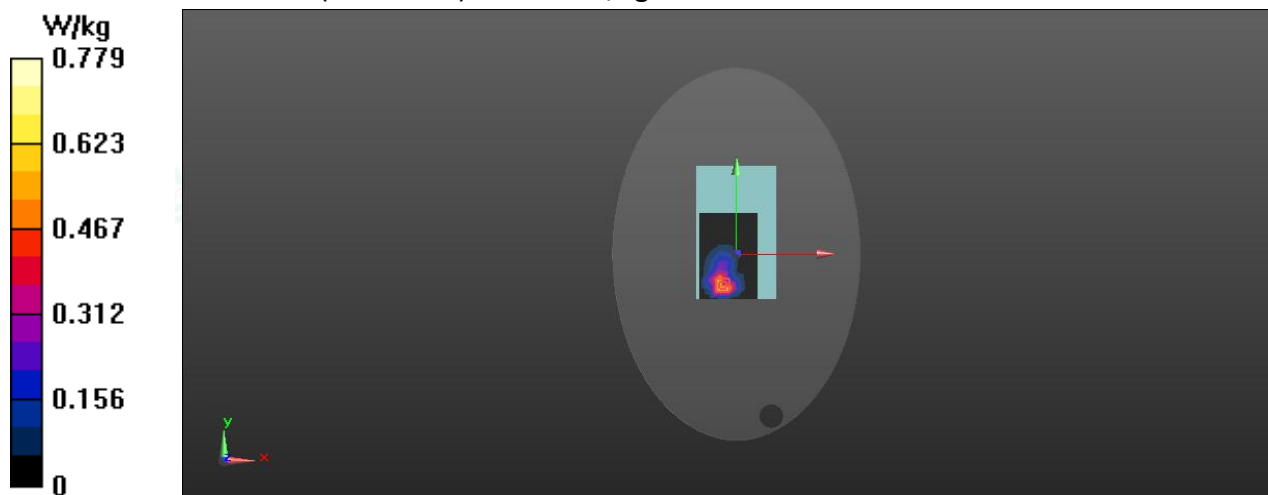
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.864 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.231 W/kg

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



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Date: 2025/10/17

Test Laboratory: LCS-SAR Lab

LTE B66 20M QPSK 132072CH 1RB49 Rear side 0mm

DUT: Rugged Mobile Terminal ; Type: R1000 ; Serial: A250910023-1

Communication System: UID 0, LTE-FDD (0); Frequency: 1720.0 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720.0$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 40.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.14, 8.14, 8.14); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.22 W/kg

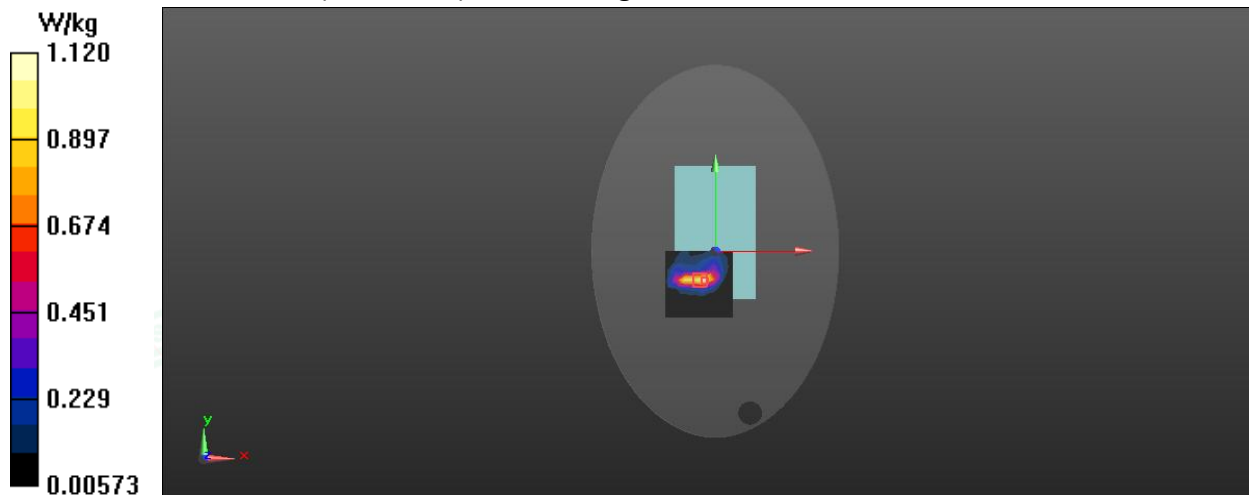
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.74 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.326 W/kg

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



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Date: 2025/10/23

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm**DUT: Rugged Mobile Terminal ; Type: R1000 ; Serial: A250910023-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.011

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 39.834$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.913 W/kg

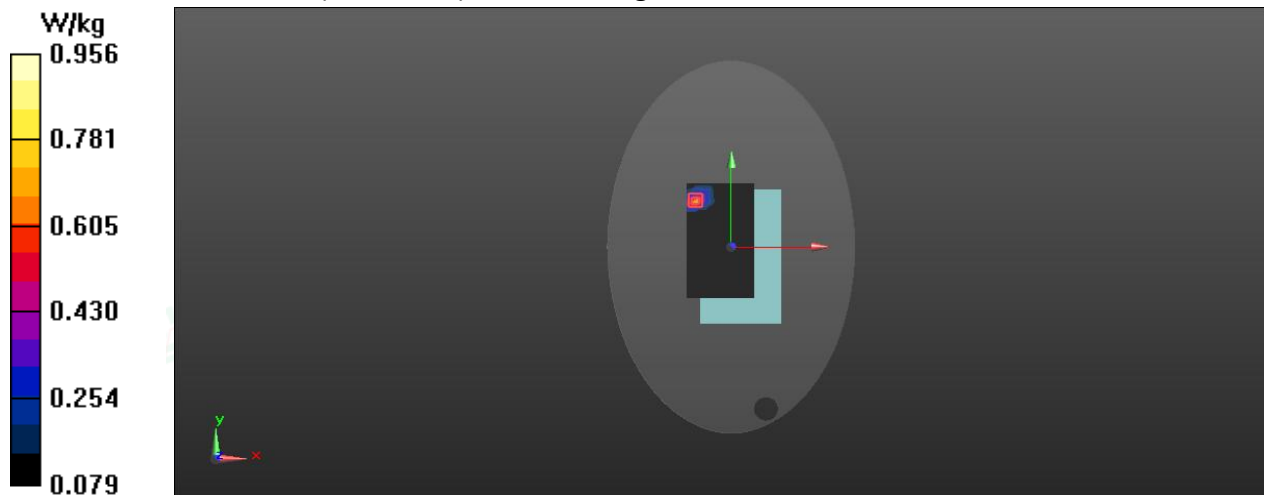
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.55 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (measured) = 0.956 W/kg



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Date: 2025/10/27

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Rear side 0mm**DUT: Rugged Mobile Terminal ; Type: R1000 ; Serial: A250910023-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.642$ S/m; $\epsilon_r = 35.593$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.889 W/kg

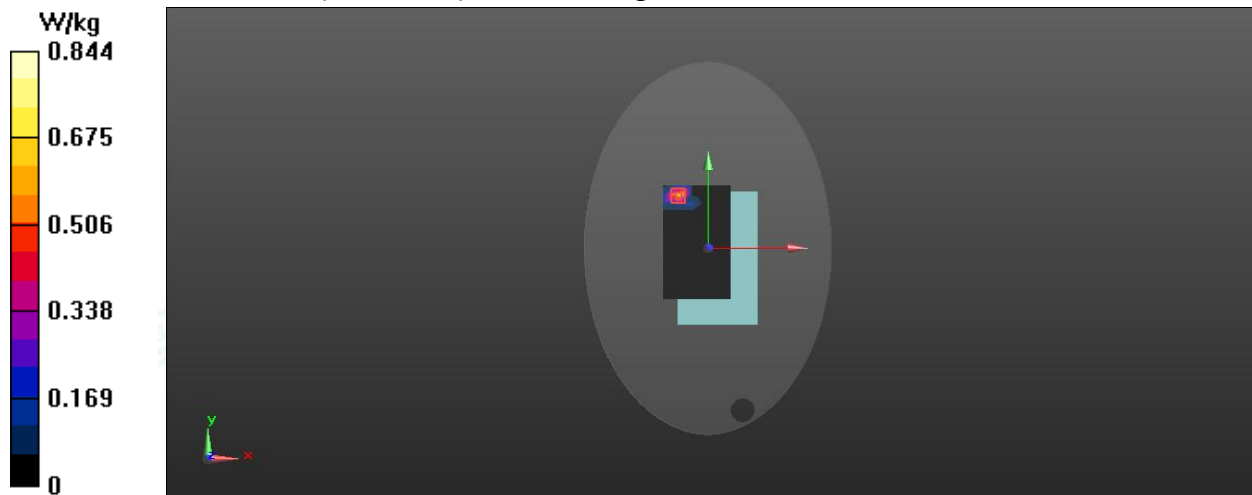
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.538 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.997 W/kg

SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 0.844 W/kg



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Date: 2025/10/27

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 165CH Rear side 0mm**DUT: Rugged Mobile Terminal ; Type: R1000 ; Serial: A250910023-1**

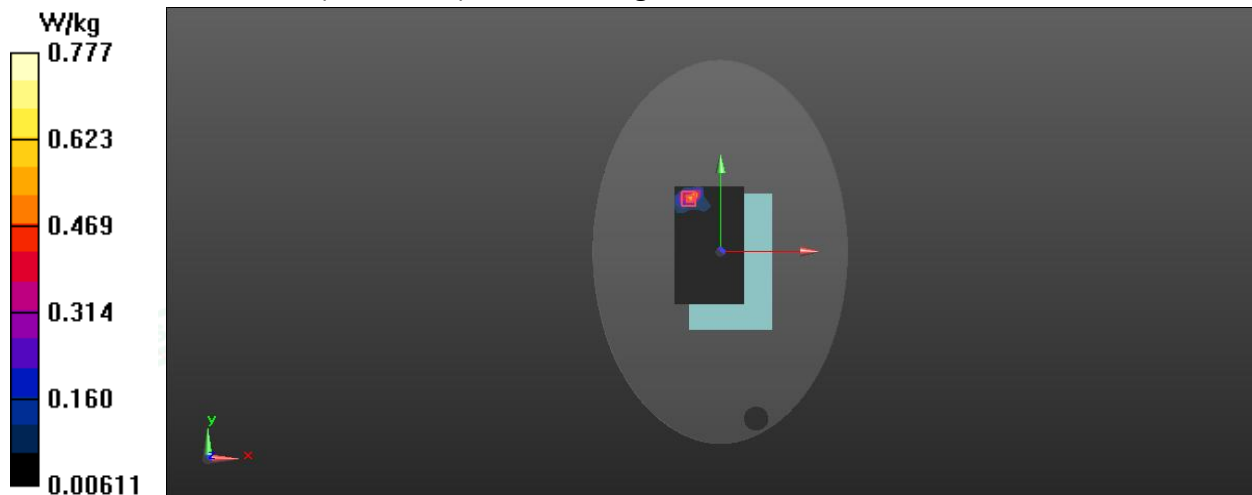
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.336 \text{ S/m}$; $\epsilon_r = 35.457$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.724 W/kg **Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 8.584 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 0.938 W/kg **SAR(1 g) = 0.406 W/kg ; SAR(10 g) = 0.215 W/kg** Maximum value of SAR (measured) = 0.777 W/kg 

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