

Appendix B

Detailed Test Results

1. GSM
GSM850 for Body
GSM1900 for Body
2. WCDMA
WCDMA Band II for Body
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3. LTE
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4. WIFI&BT
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WIFI 5.2GHz for Body
WIFI 5.8GHz for Body



Date: 2025/9/27

Test Laboratory: LCS-SAR Lab

GSM 850 GPRS 3TX 190CH Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1: 2.77

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.312$; $\rho = 1000$ 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.985 W/kg

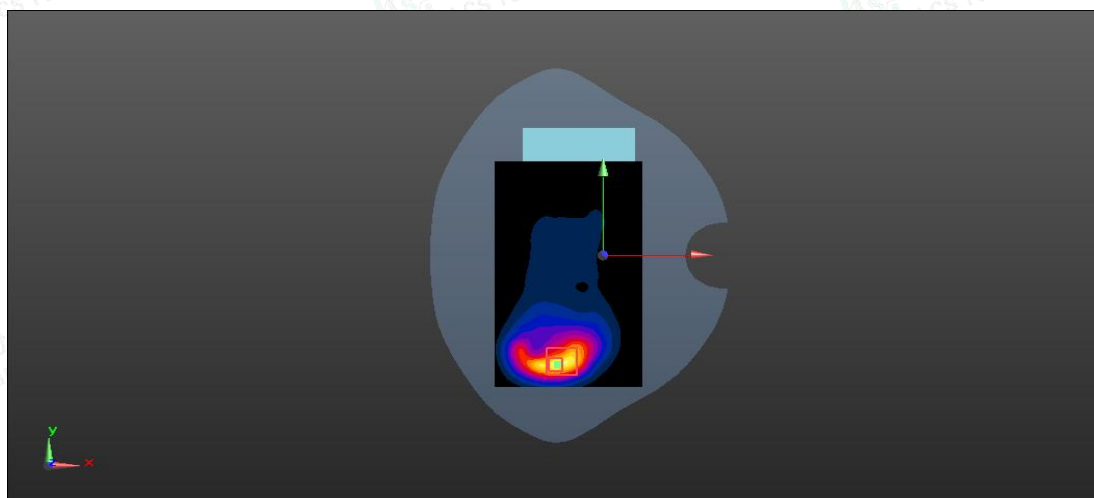
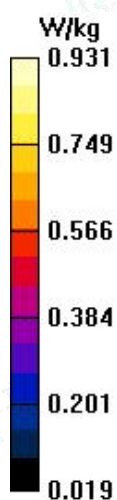
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.68 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 0.931 W/kg



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Date: 2025/9/29

Test Laboratory: LCS-SAR Lab

GSM 1900 GPRS 3TX 512CH Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1: 2.77

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 40.253$; $\rho = 1000$ 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

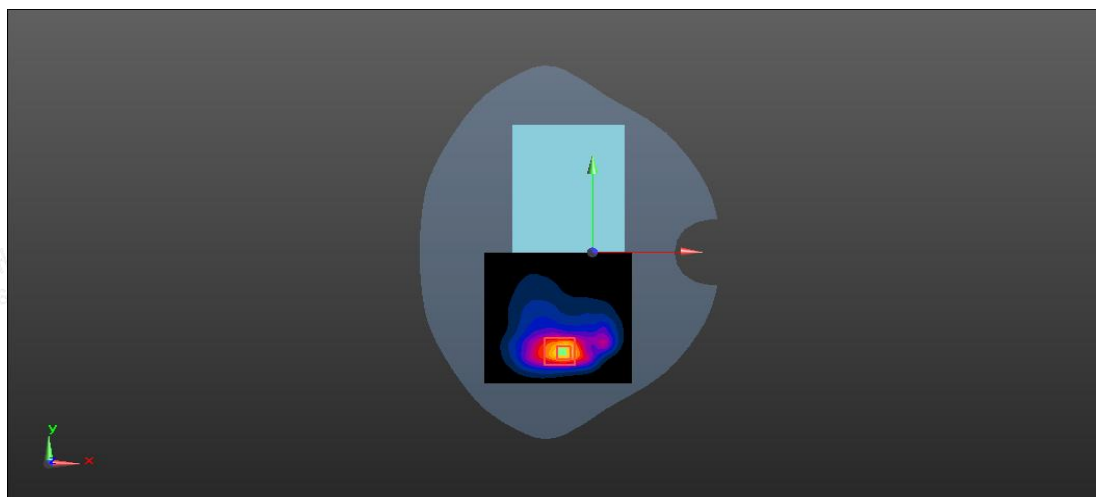
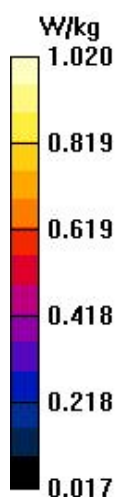
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.43 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.324 W/kg

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



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Date: 2025/9/29

Test Laboratory: LCS-SAR Lab

WCDMA II RMC 9400CH Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 40.287$; $\rho = 1000$ 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.815 W/kg

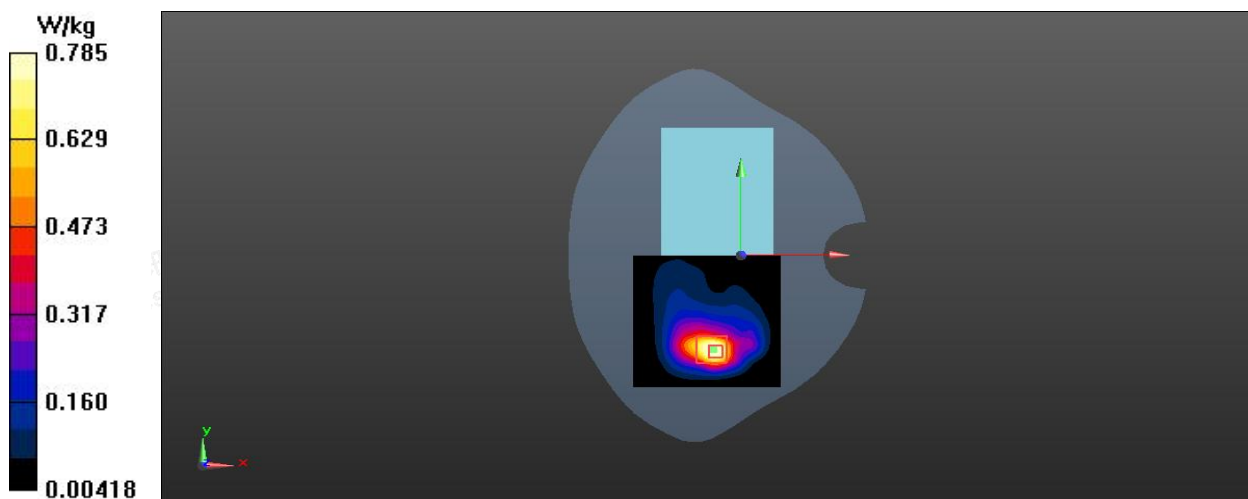
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.86 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.785 W/kg



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Date: 2025/9/27

Test Laboratory: LCS-SAR Lab

WCDMA V RMC 4132CH Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 41.309$; $\rho = 1000$ 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.773 W/kg

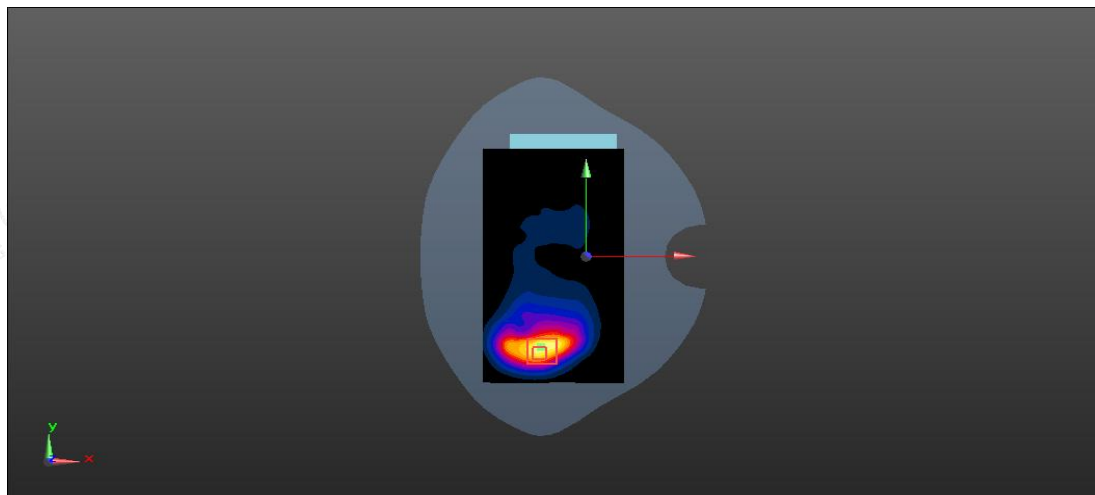
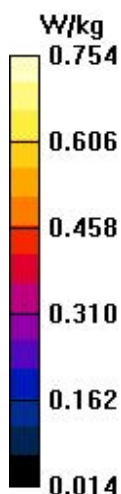
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.24 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.754 W/kg



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Date: 2025/9/29

Test Laboratory: LCS-SAR Lab

LTE B2 20M QPSK 19100CH 1RB99 Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 40.214$; $\rho = 1000$ 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) = 1.18 W/kg

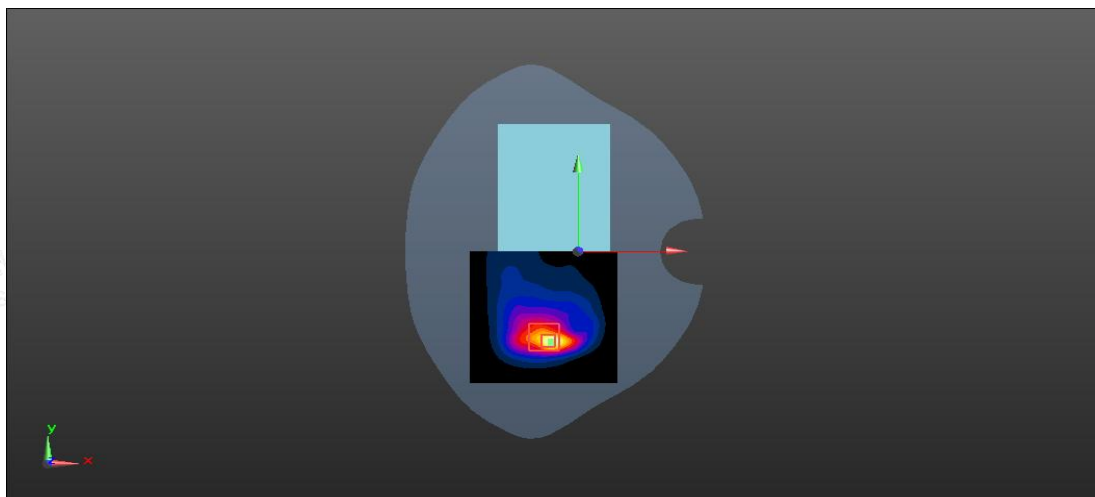
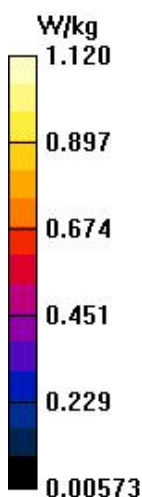
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.65 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.331 W/kg

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



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Date: 2025/9/28

Test Laboratory: LCS-SAR Lab

LTE B4 20M QPSK 20175CH 1RB0 Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.393$ S/m; $\epsilon_r = 39.858$; $\rho = 1000$ 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) = 1.21 W/kg

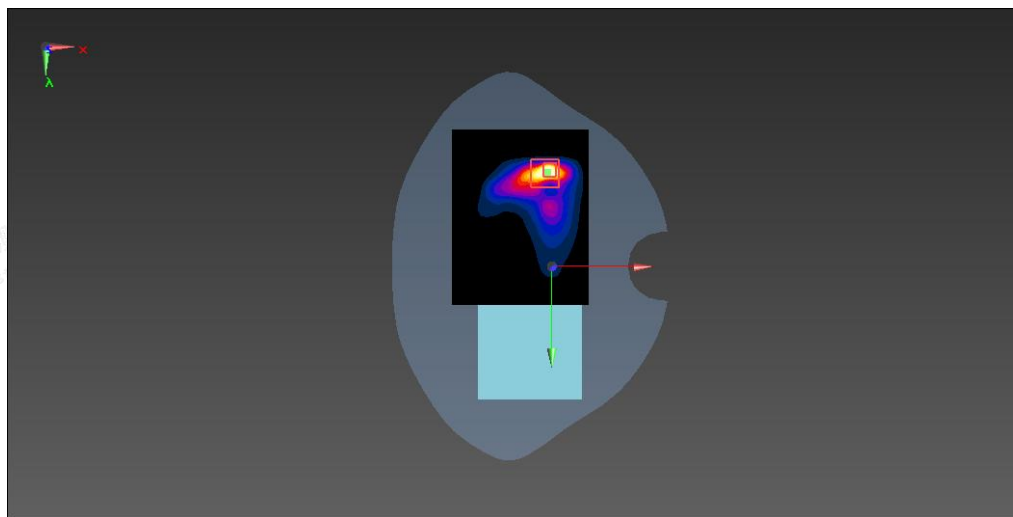
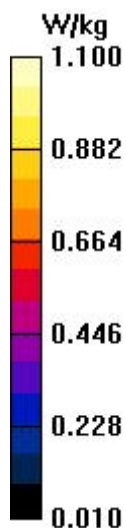
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.25 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 1.1 W/kg





Date: 2025/9/27

Test Laboratory: LCS-SAR Lab

LTE B5 10M QPSK 20525CH 1RB49 Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, LTE-TDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.312$; $\rho = 1000$ 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) = 0.795 W/kg

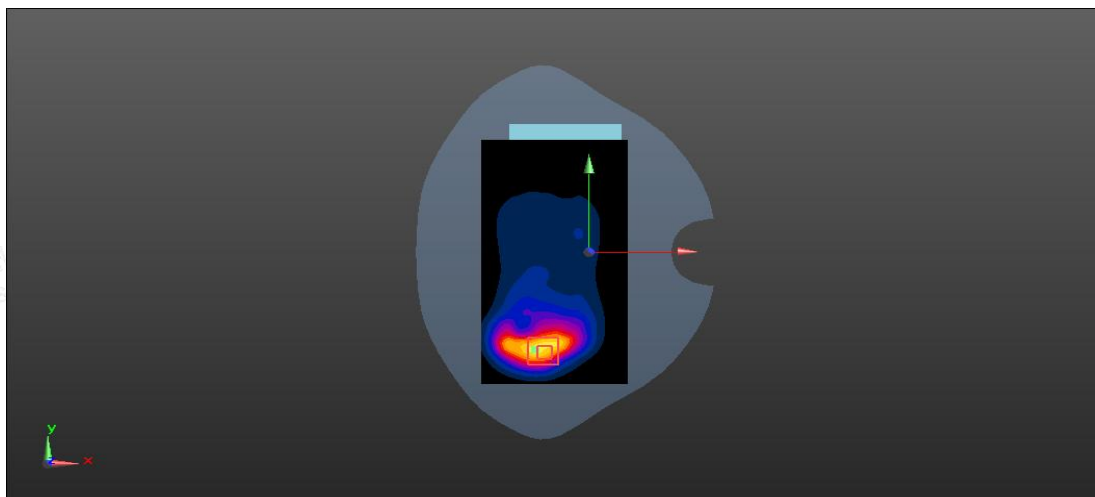
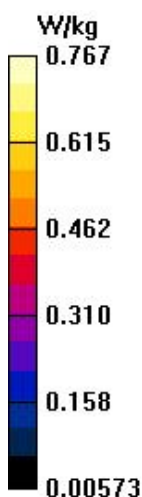
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.31 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.959 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.231 W/kg

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



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Date: 2025/10/10

Test Laboratory: LCS-SAR Lab

LTE B7 20M QPSK 21100CH 1RB49 Rear side 0mm

DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1

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

Medium parameters used: $f = 2535.5$ MHz; $\sigma = 1.931$ S/m; $\epsilon_r = 38.752$; $\rho = 1000$ 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) = 1.05 W/kg

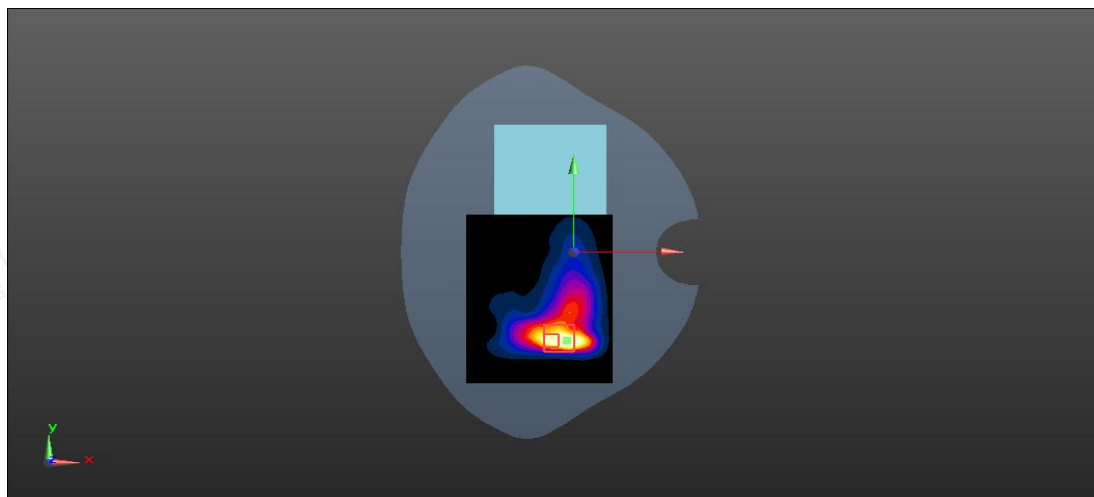
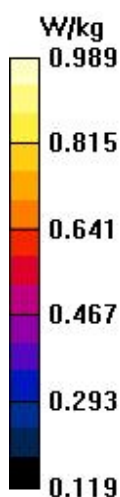
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value =14.73 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.989 W/kg



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Date:2025/10/10

Test Laboratory: LCS-SAR Lab

LTE B41 20M QPSK 39750CH 1RB99 Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, LTE-TDD (0); Frequency: 2506 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2506$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 38.764$; $\rho = 1000$ 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) = 0.874 W/kg

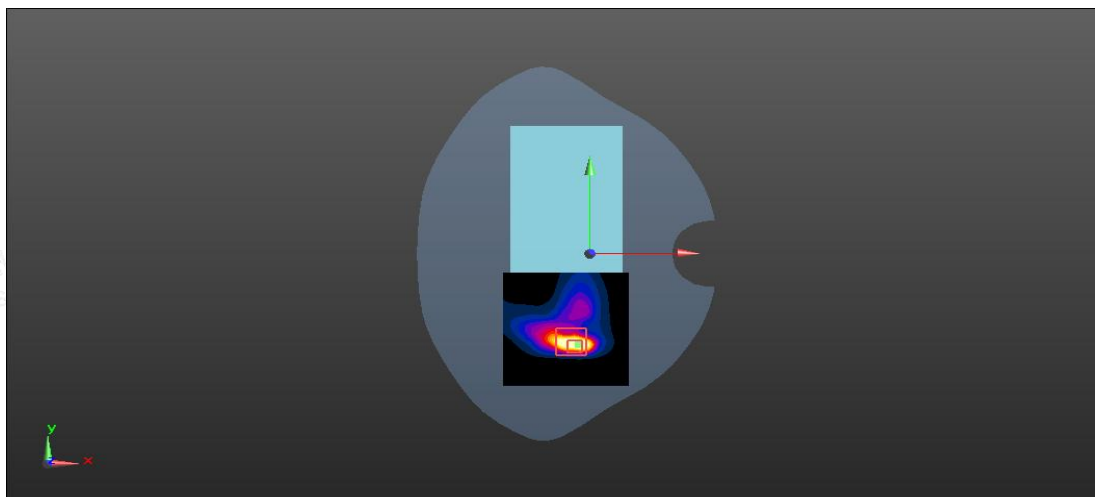
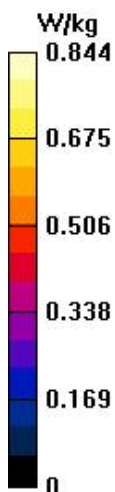
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.49 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.292 W/kg

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





Date: 2025/10/9

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 39.805$; $\rho = 1000$ 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) = 1.08 W/kg

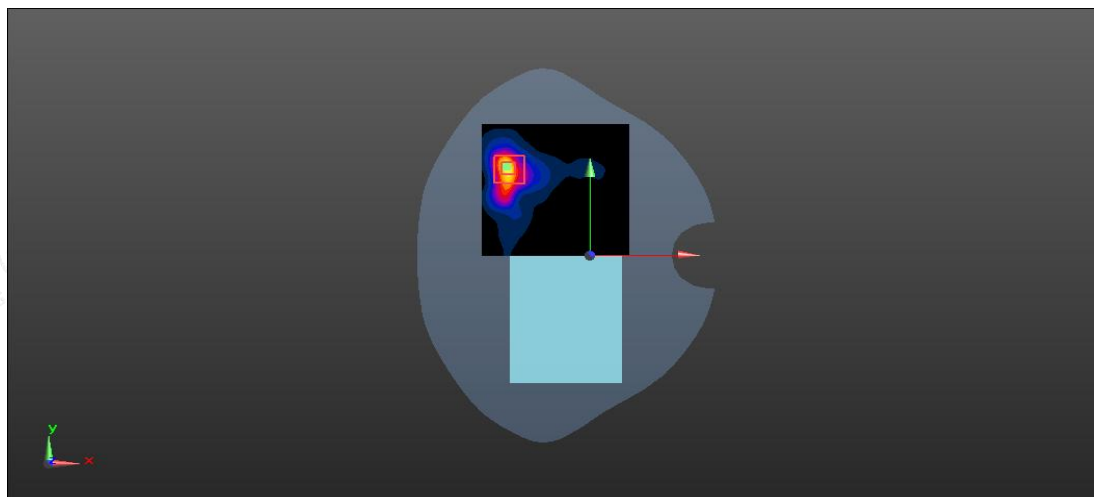
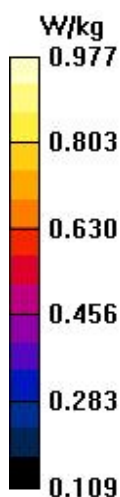
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.62 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 0.977 W/kg





Date: 2025/10/12

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.057

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.573$ S/m; $\epsilon_r = 35.623$; $\rho = 1000$ 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) = 0.736 W/kg

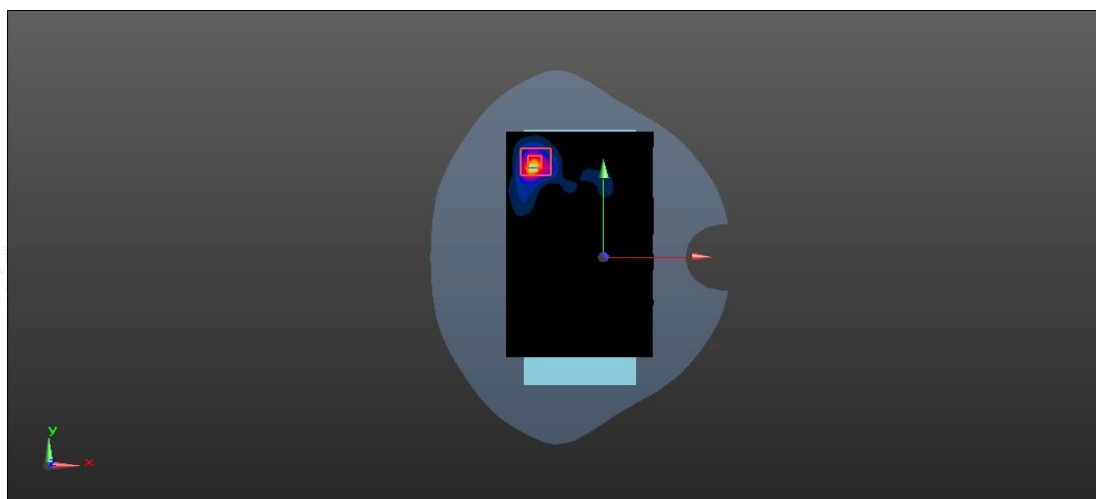
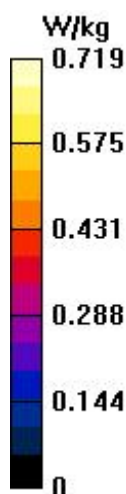
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.649 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.719 W/kg





Date: 2025/10/12

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11n40 155CH Rear side 0mm**DUT: Smart POS ; Type: WIZARHAND Q1 ; Serial: A250905010-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1.056

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.329$ S/m; $\epsilon_r = 35.838$; $\rho = 1000$ kg/m³

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=10mm, dy=10mm

Maximum value of SAR (measured) = 0.657 W/kg

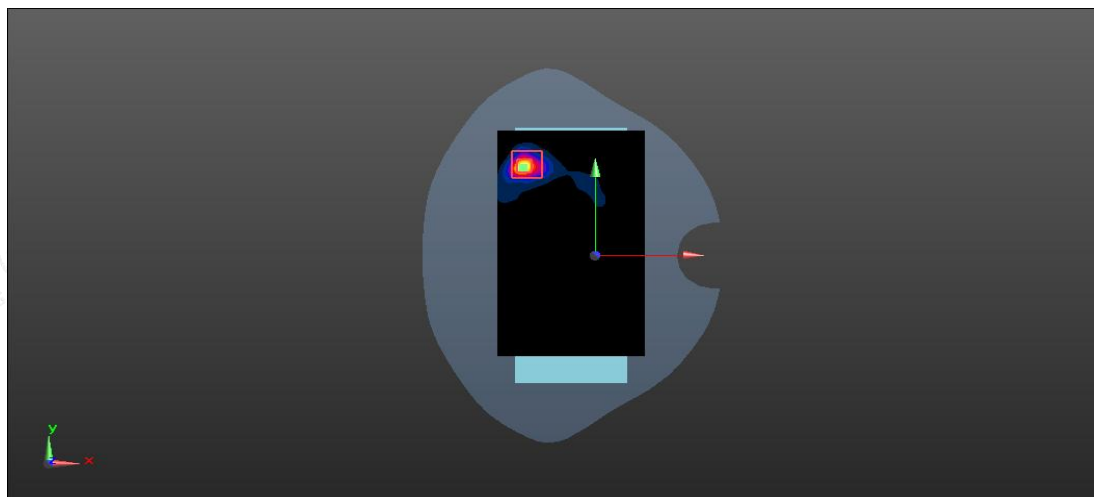
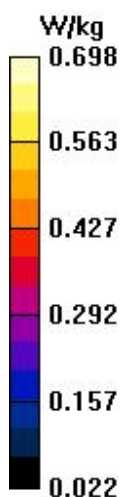
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.262 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



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