

# Appendix B

## Detailed Test Results

|                        |
|------------------------|
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| 2. WCDMA               |
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| 3. LTE                 |
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| WIFI 5.2GHz for Body   |
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Date: 2025/9/27

Test Laboratory: LCS-SAR Lab

**GSM 850 GPRS 3TX 190CH Rear side 0mm****DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1**

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/m<sup>3</sup>

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) = 0.976 W/kg

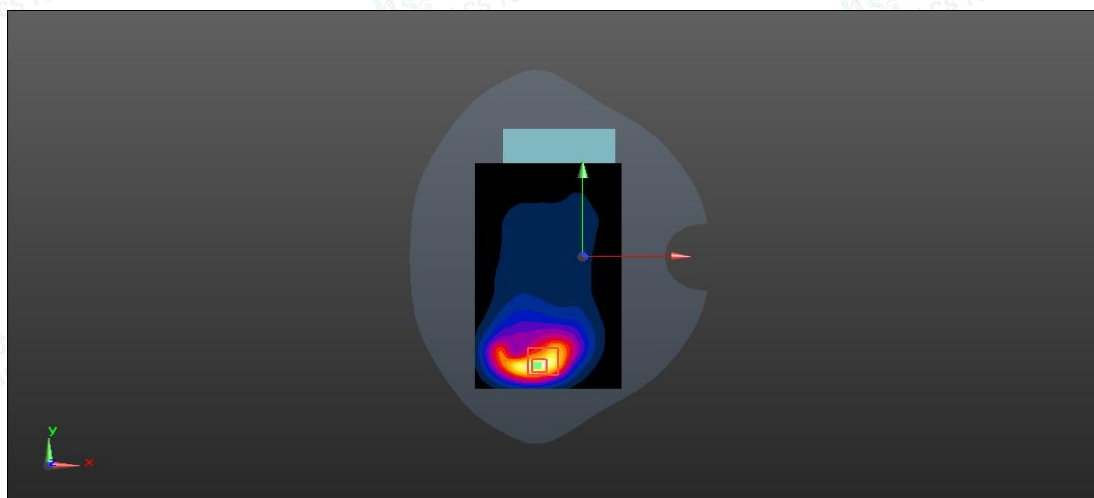
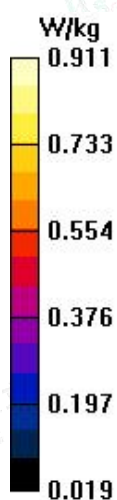
**Configuration/ Body /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.86 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.274 W/kg**

Maximum value of SAR (measured) = 0.911 W/kg





Date: 2025/9/29

Test Laboratory: LCS-SAR Lab

**GSM 1900 GPRS 3TX 512CH Rear side 0mm****DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1**

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/m<sup>3</sup>

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) = 1.05 W/kg

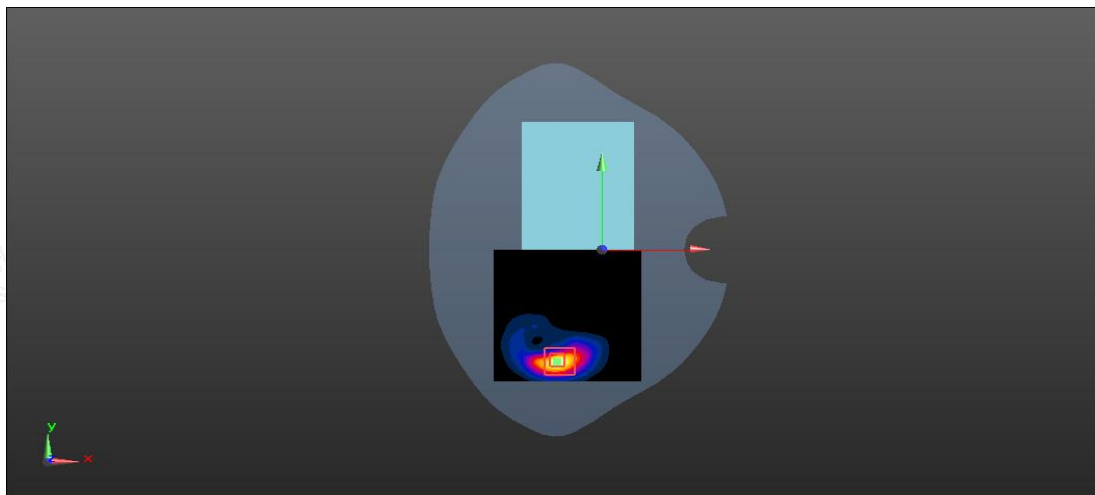
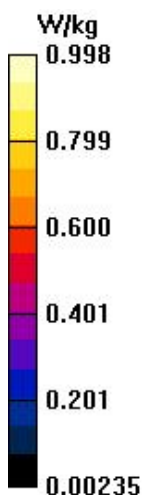
**Configuration/ Body /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.49 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 0.998 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: WIZARPOS Q2 ; Serial: A250911067-1**

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/m<sup>3</sup>

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) = 0.859 W/kg

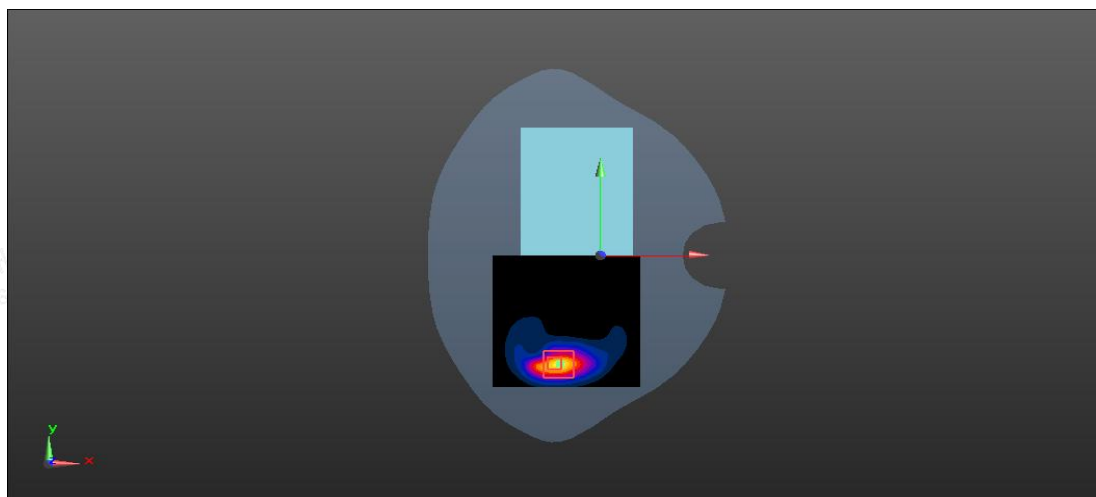
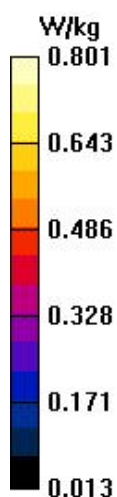
**Configuration/ Body /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.61 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 0.801 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: WIZARPOS Q2 ; Serial: A250911067-1**

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/m<sup>3</sup>

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) = 0.874 W/kg

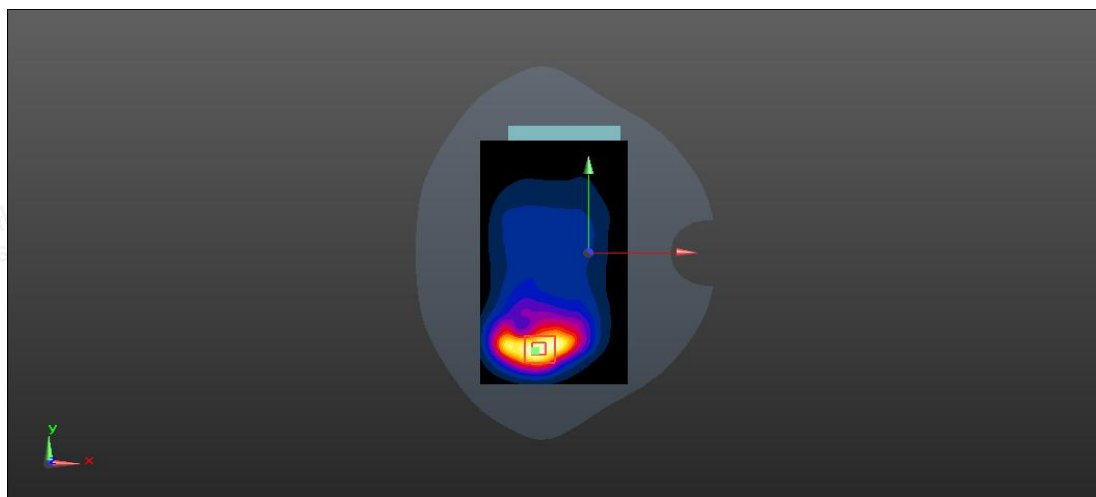
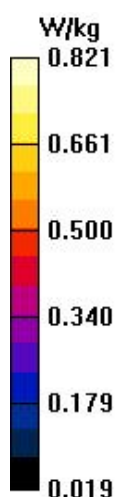
**Configuration/ Body /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.58 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.926 W/kg

**SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 0.821 W/kg



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Date: 2025/9/29

Test Laboratory: LCS-SAR Lab

**LTE B2 20M QPSK 18900CH 1RB99 Rear side 0mm****DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1**

Communication System: UID 0, LTE-FDD (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/m<sup>3</sup>

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) = 1.26 W/kg

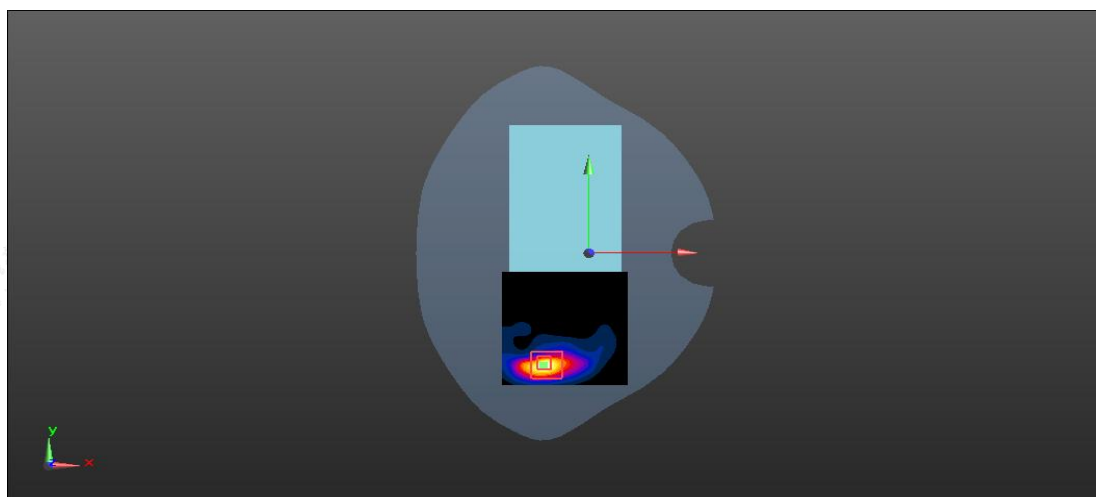
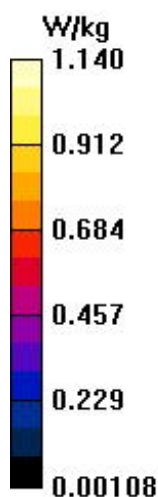
**Configuration/ Body /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.77 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.319 W/kg**

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



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Date: 2025/9/28

Test Laboratory: LCS-SAR Lab

LTE B4 20M QPSK 20175CH 1RB49 Rear side 0mm

DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1

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/m<sup>3</sup>

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) = 0.978 W/kg

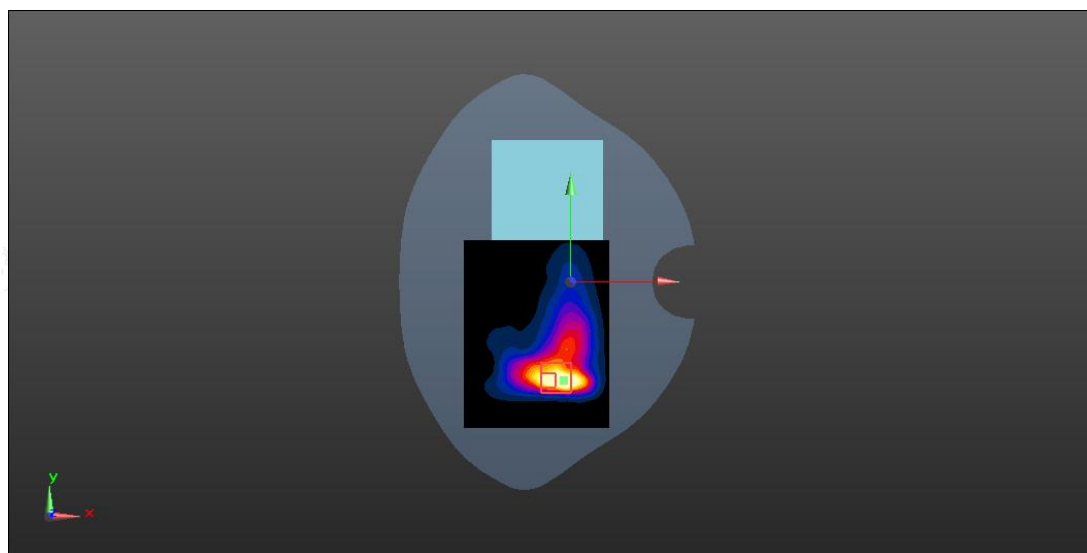
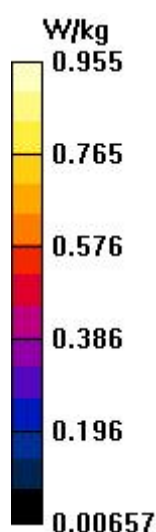
**Configuration/ Body /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.87 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.301 W/kg**

Maximum value of SAR (measured) = 0.955 W/kg



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Date: 2025/9/27

Test Laboratory: LCS-SAR Lab

LTE B5 10M QPSK 20525CH 1RB49 Rear side 0mm

DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1

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/m<sup>3</sup>

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) = 0.704 W/kg

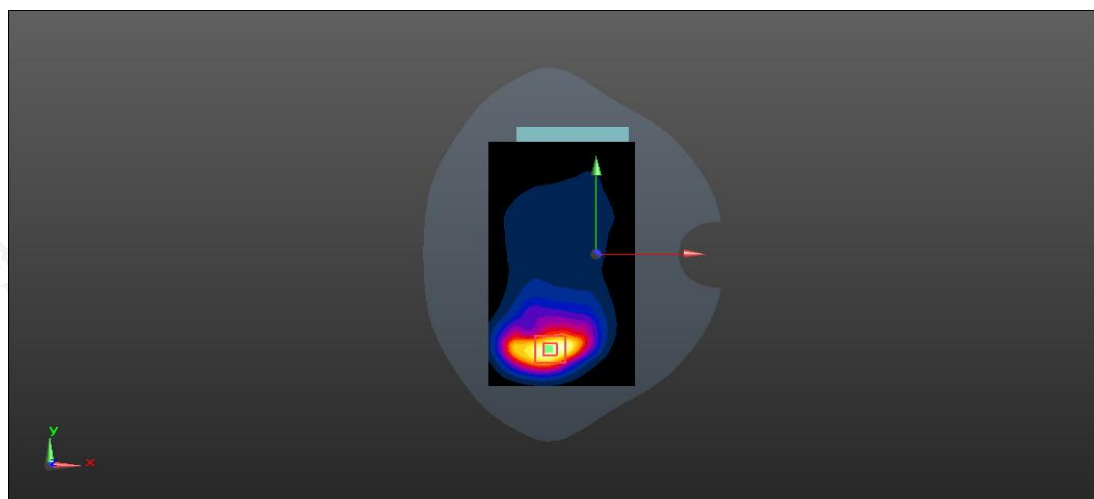
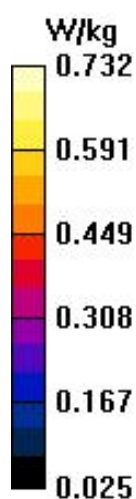
**Configuration/ Body /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.986 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.962 W/kg

**SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.220 W/kg**

Maximum value of SAR (measured) = 0.732 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: WIZARPOS Q2 ; Serial: A250911067-1

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/m<sup>3</sup>

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) = 0.966 W/kg

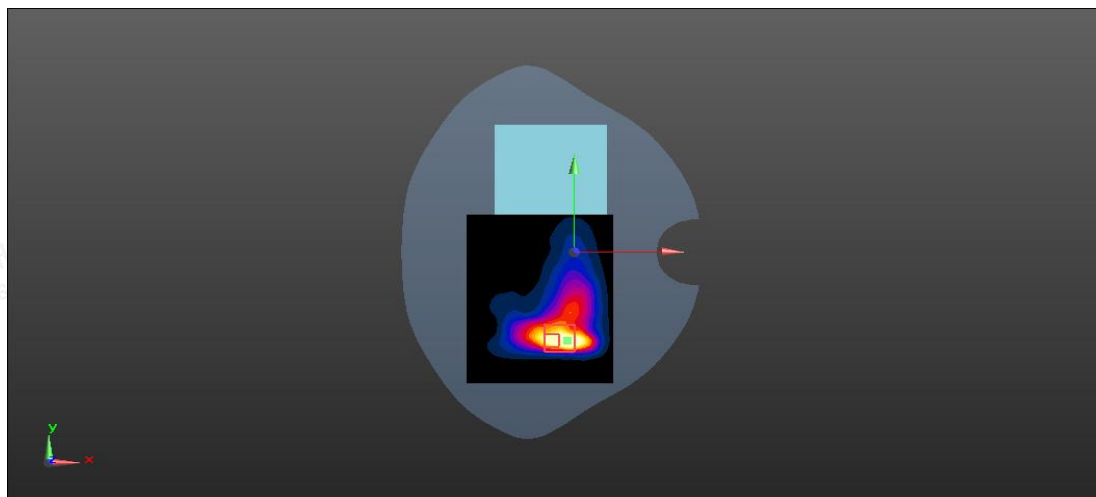
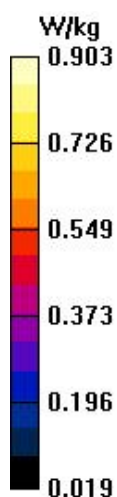
**Configuration/ Body /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.29 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.294 W/kg**

Maximum value of SAR (measured) = 0.903 W/kg





Date:2025/10/10

Test Laboratory: LCS-SAR Lab

**LTE B41 20M QPSK 39750CH 1RB99 Rear side 0mm****DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1**

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/m<sup>3</sup>

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) = 0.903 W/kg

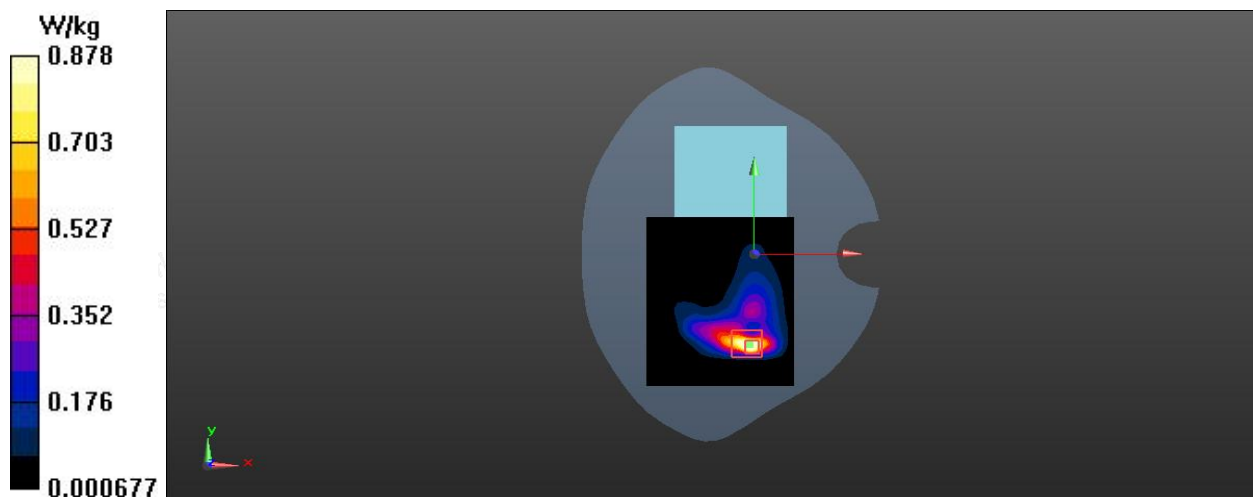
**Configuration/ Body /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.94 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 0.878 W/kg





Date: 2025/10/9

Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 1CH Rear side 0mm****DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.793$  S/m;  $\epsilon_r = 39.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.07 W/kg

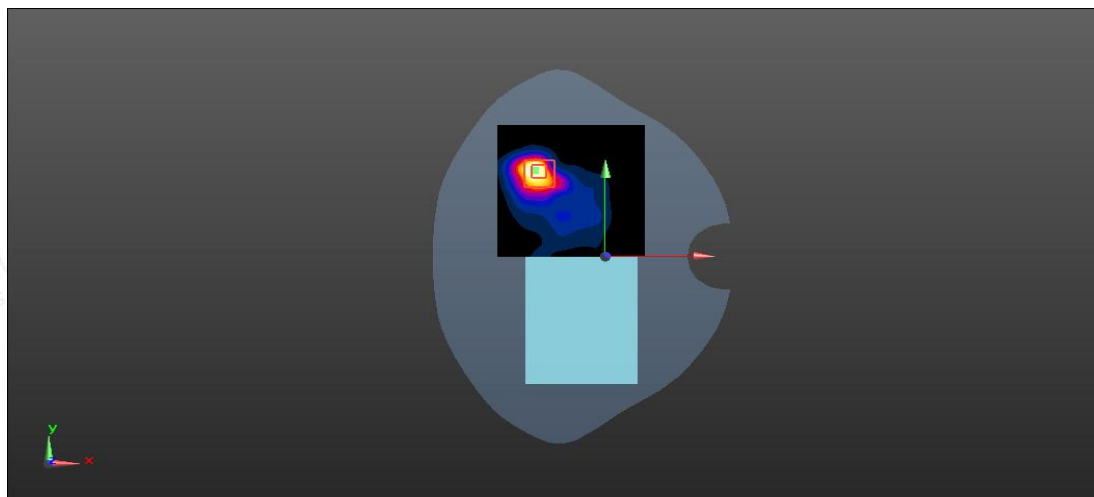
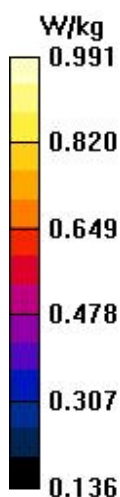
**Configuration/ Body /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.43 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.312 W/kg**

Maximum value of SAR (measured) = 0.991 W/kg





Date: 2025/10/12

Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11a 40CH Rear side 0mm****DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1**

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/m<sup>3</sup>

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) = 0.794 W/kg

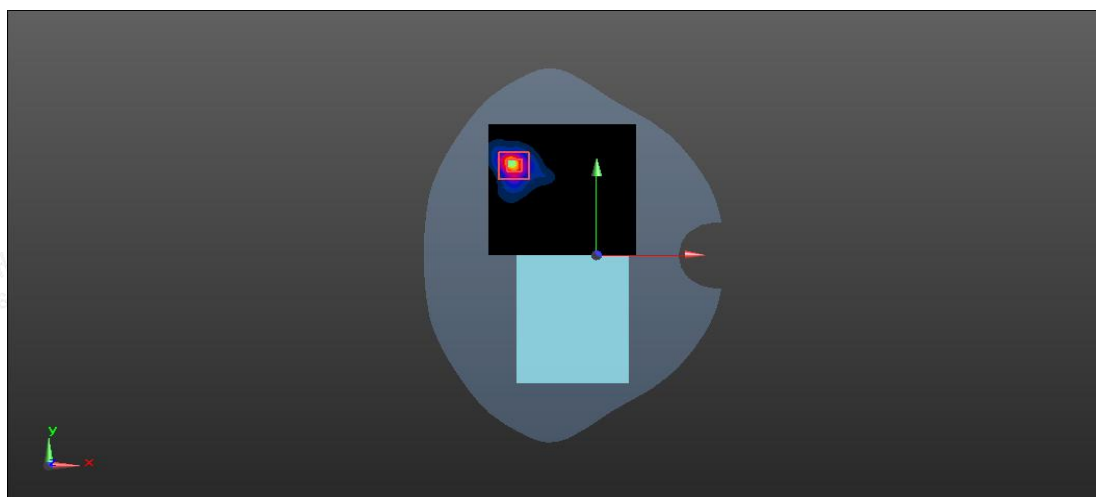
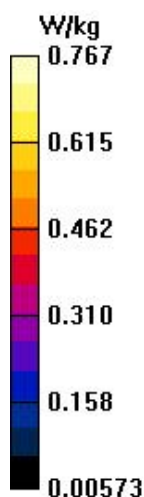
**Configuration/ Body /Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.527 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.985 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.228 W/kg**

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



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Scan code to check authenticity



Date: 2025/10/12

Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11a 149CH Rear side 0mm****DUT: Smart POS ; Type: WIZARPOS Q2 ; Serial: A250911067-1**

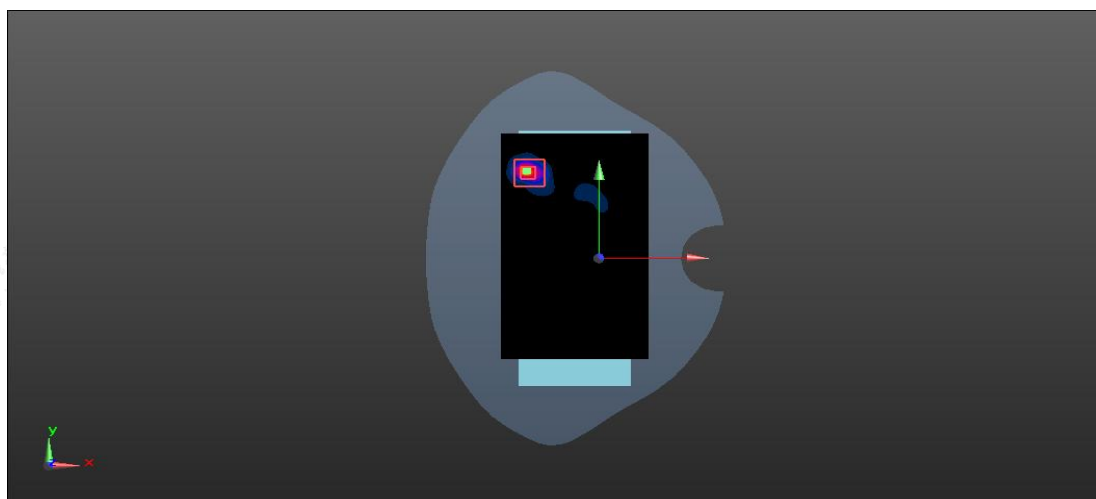
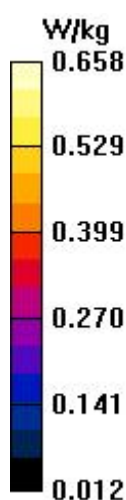
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.057

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.322 \text{ S/m}$ ;  $\epsilon_r = 35.831$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) =  $0.624 \text{ W/kg}$ **Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ Reference Value =  $7.594 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$ Peak SAR (extrapolated) =  $0.864 \text{ W/kg}$ **SAR(1 g) =  $0.362 \text{ W/kg}$ ; SAR(10 g) =  $0.143 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.658 \text{ W/kg}$ 

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