



# Appendix B

## Detailed Test Results

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| 1. WIFI              |
| WIFI 2.4GHz for Body |
| WIFI 5.2GHz for Body |
| WIFI 5.8GHz for Body |



Date: 2026/9/1

Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 6CH Bottom side 0mm Ant 1****DUT: Gaming tablet ; Type: MGS101-09B ; Serial: A260804059-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.808 \text{ S/m}$ ;  $\epsilon_r = 38.358$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.38, 7.38, 7.38); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/ Body /Area Scan (9x9x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$ 

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

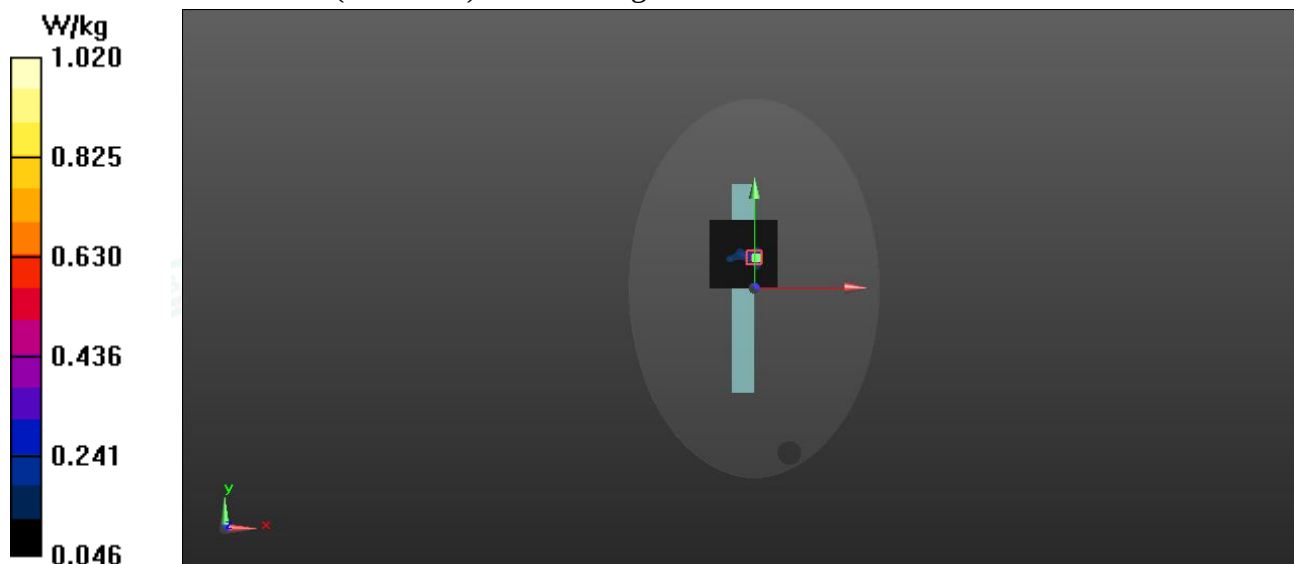
**Configuration/ Body /Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 8.439 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.327 W/kg**

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





Date: 2026/9/1

Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 6CH Bottom side 0mm Ant 2****DUT: Gaming tablet ; Type: MGS101-09B ; Serial: A260804059-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.808$  S/m;  $\epsilon_r = 38.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.38, 7.38, 7.38); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/ Body /Area Scan (9x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.938 W/kg

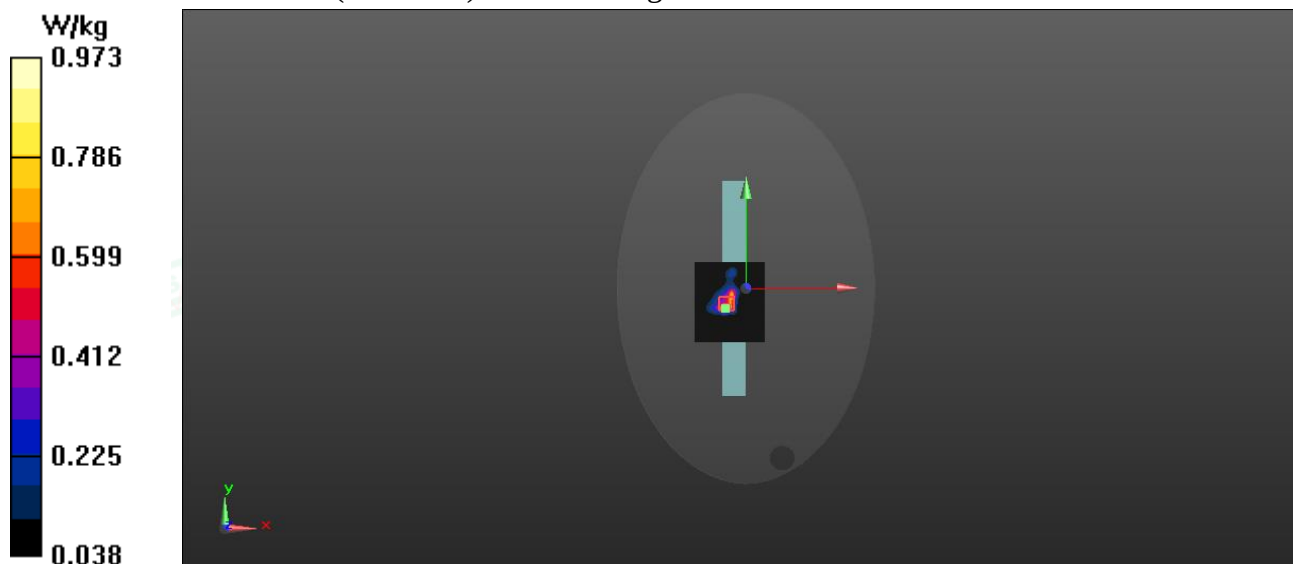
**Configuration/ Body /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.936 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.305 W/kg**

Maximum value of SAR (measured) = 0.973 W/kg



Date: 2026/9/3

Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11a 48CH Bottom side 0mm Ant 1****DUT: Gaming tablet ; Type: MGS101-09B ; Serial: A260804059-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.691 \text{ S/m}$ ;  $\epsilon_r = 36.058$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.35, 5.35, 5.35); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/ Body /Area Scan (11x11x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.834 W/kg

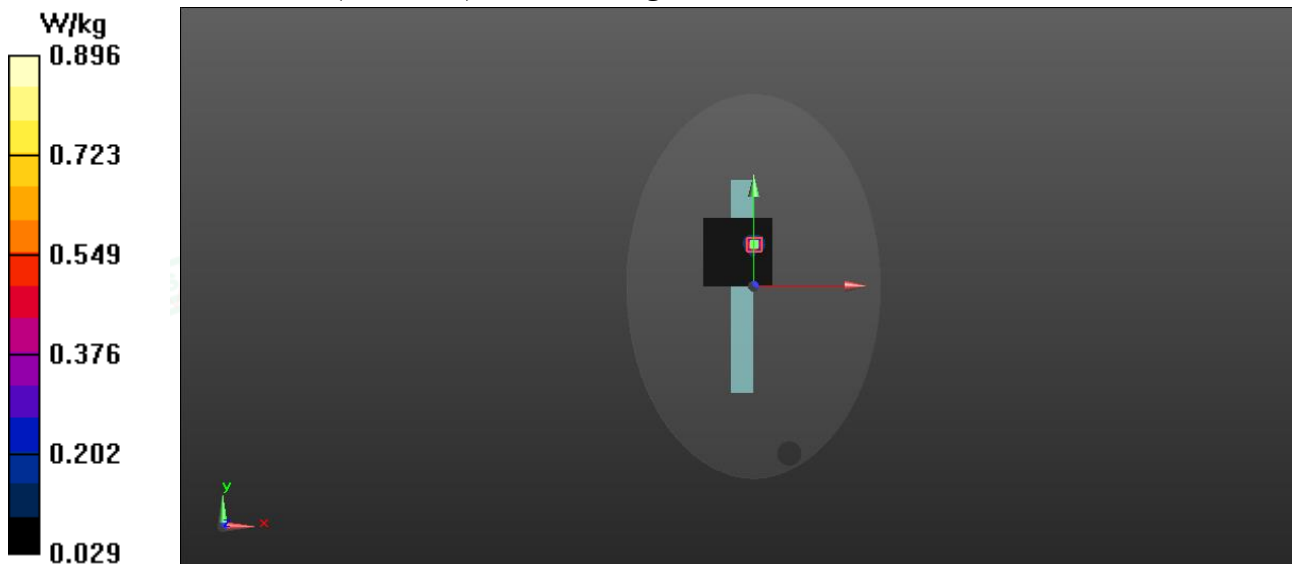
**Configuration/ Body /Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 6.839 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.267 W/kg.**

Maximum value of SAR (measured) = 0.896 W/kg



Date: 2026/9/3

Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11n20 48CH Bottom side 0mm Ant 2****DUT: Gaming tablet ; Type: MGS101-09B ; Serial: A260804059-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.691 \text{ S/m}$ ;  $\epsilon_r = 36.058$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.35, 5.35, 5.35); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/ Body /Area Scan (11x11x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.933 W/kg

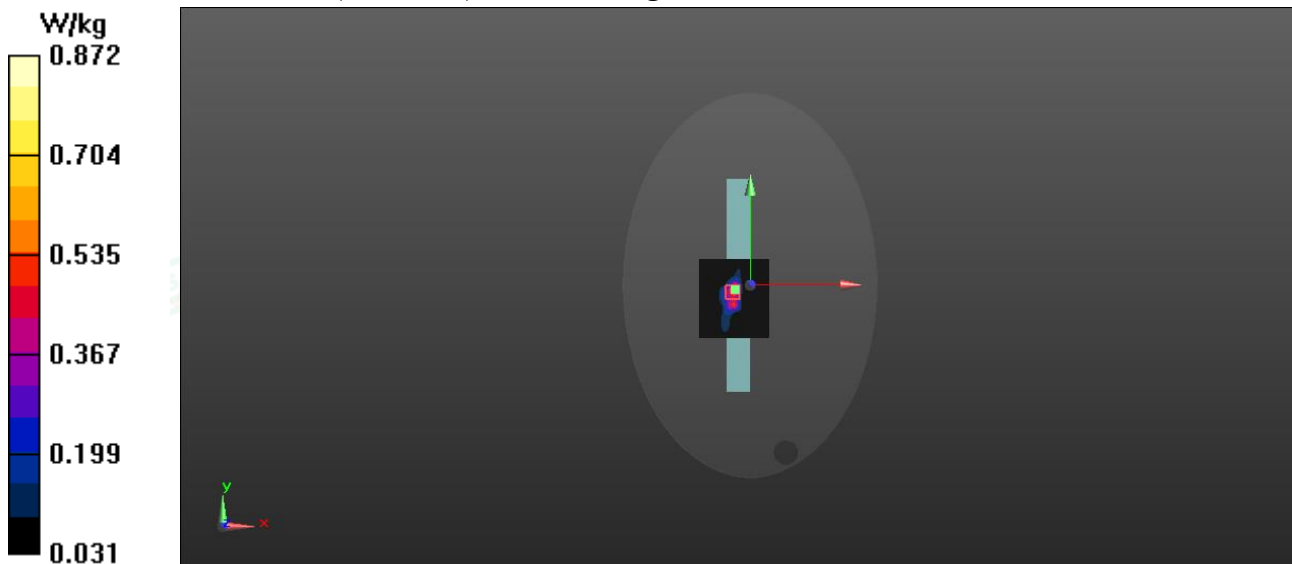
**Configuration/ Body /Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 8.471 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.258 W/kg.**

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





Date: 2026/9/4

Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11a 157CH Bottom side 0mm Ant 1****DUT: Gaming tablet ; Type: MGS101-09B ; Serial: A260804059-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.286 \text{ S/m}$ ;  $\epsilon_r = 35.153$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.87, 4.87, 4.87); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/ Body /Area Scan (11x11x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

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

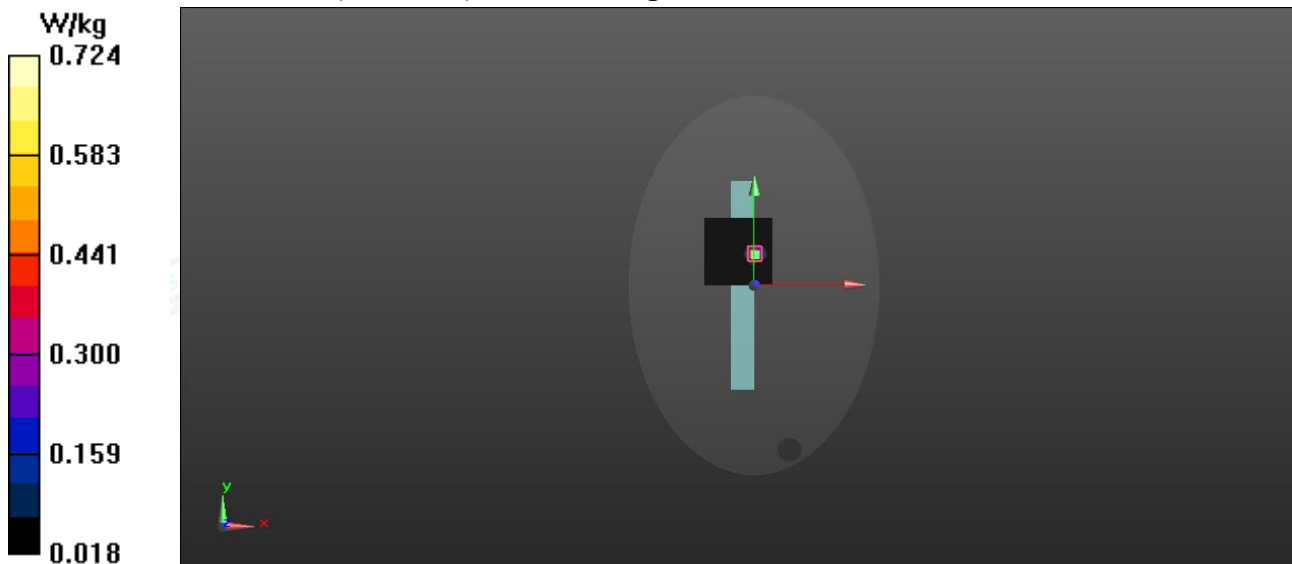
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 10.63 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.263 W/kg**

Maximum value of SAR (measured) = 0.724 W/kg





Date: 2026/9/4

Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11ac20 149CH Bottom side 0mm Ant 2****DUT: Gaming tablet ; Type: MGS101-09B ; Serial: A260804059-1**

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

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.201 \text{ S/m}$ ;  $\epsilon_r = 34.947$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.87, 4.87, 4.87); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/ Body /Area Scan (11x11x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.794 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 = 5.684 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.975 W/kg

**SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.231 W/kg**

Maximum value of SAR (measured) = 0.735 W/kg

