



Appendix B

Detailed Test Results

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





Date: 2025/4/13

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 6CH Top side 0mm-ANT0**DUT: Gaming tablet; Type: MGS101-08; Serial: A250228072-1**

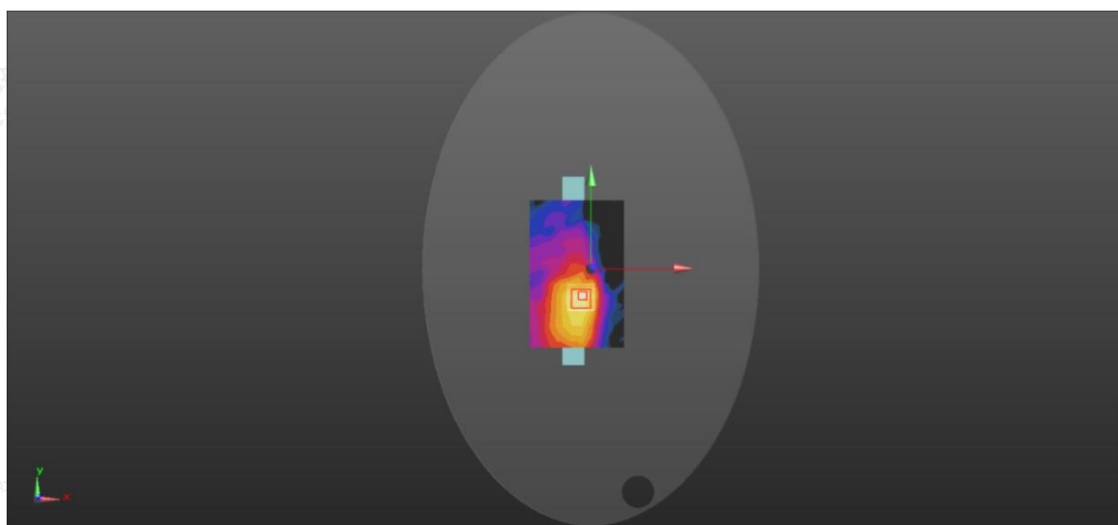
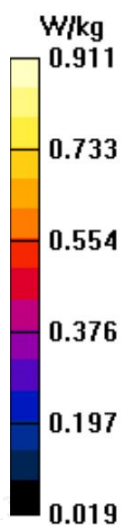
Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.008

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.813 \text{ S/m}$; $\epsilon_r = 40.236$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (10x15x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 0.923 W/kg **Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 9.259 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 1.04 W/kg **SAR(1 g) = 0.686 W/kg ; SAR(10 g) = 0.375 W/kg** Maximum value of SAR (measured) = 0.911 W/kg 

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Date: 2025/4/13

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Bottom side 0mm-ANT1**DUT: Gaming tablet; Type: MGS101-08; Serial: A250228072-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.008

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 40.158$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.916 W/kg

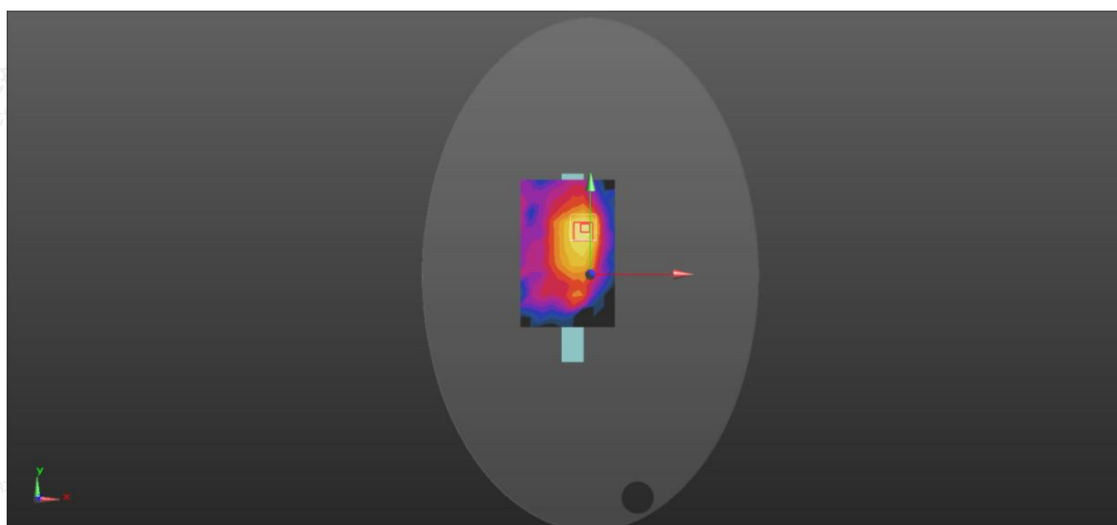
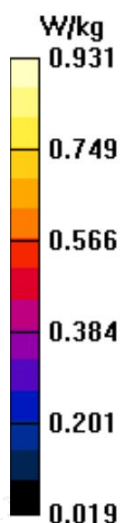
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.62 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.383 W/kg

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



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Date: 2025/4/14

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Top side 0mm-ANT0

DUT: Gaming tablet; Type: MGS101-08; Serial: A250228072-1

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

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.648$ S/m; $\epsilon_r = 35.834$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

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

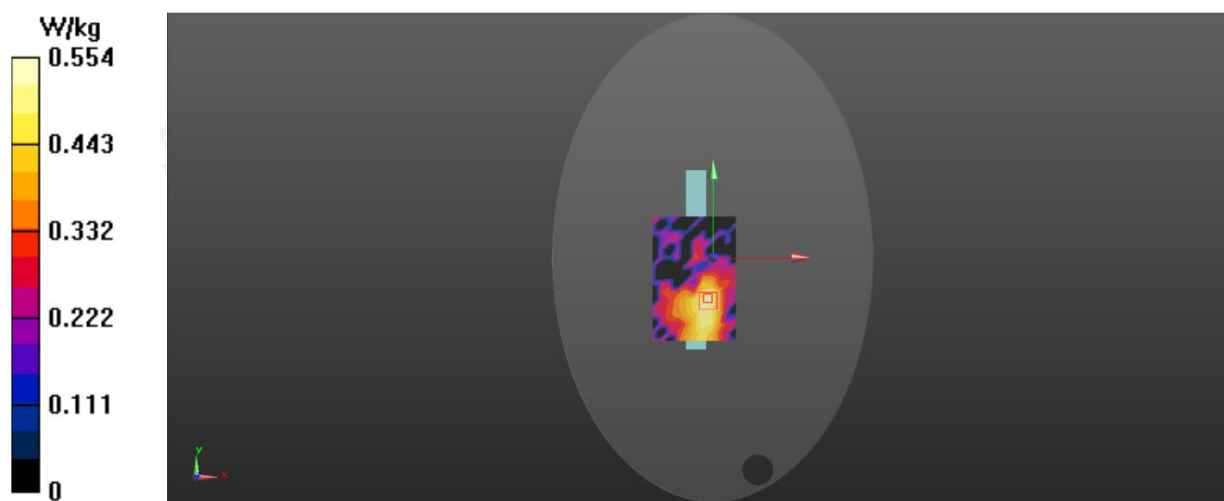
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.421 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.554 W/kg



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Date: 2025/4/14

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 48CH Bottom side 0mm-ANT1**DUT: Gaming tablet; Type: MGS101-08; Serial: A250228072-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.057

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.604$ S/m; $\epsilon_r = 35.843$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.583 W/kg

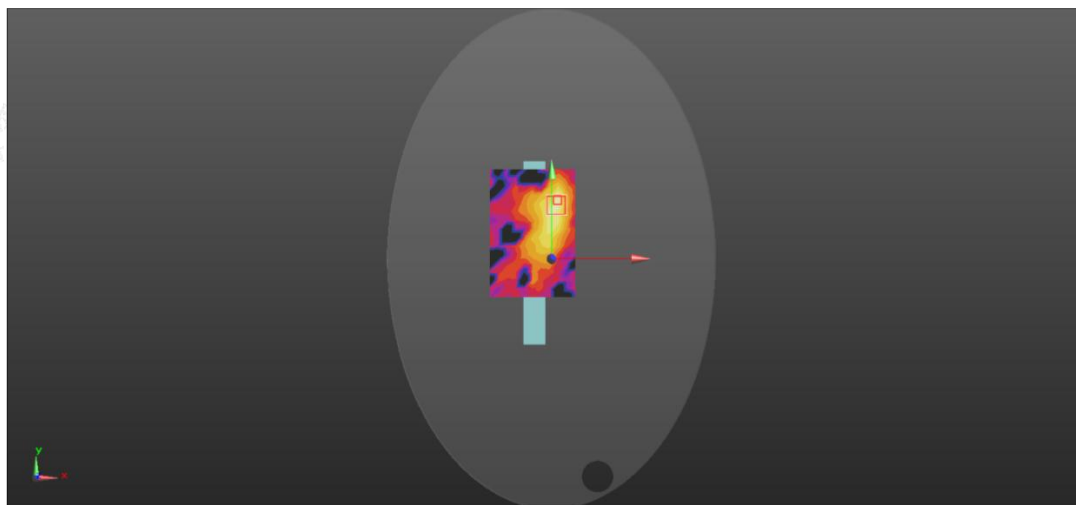
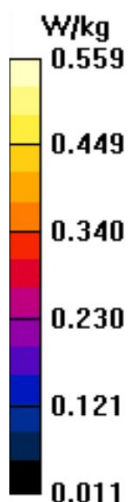
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.427 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.535 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.559 W/kg



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Date: 2025/4/15

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Top side 0mm-ANT0**DUT: Gaming tablet; Type: MGS101-08; Serial: A250228072-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.185 \text{ S/m}$; $\epsilon_r = 35.024$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.514 W/kg

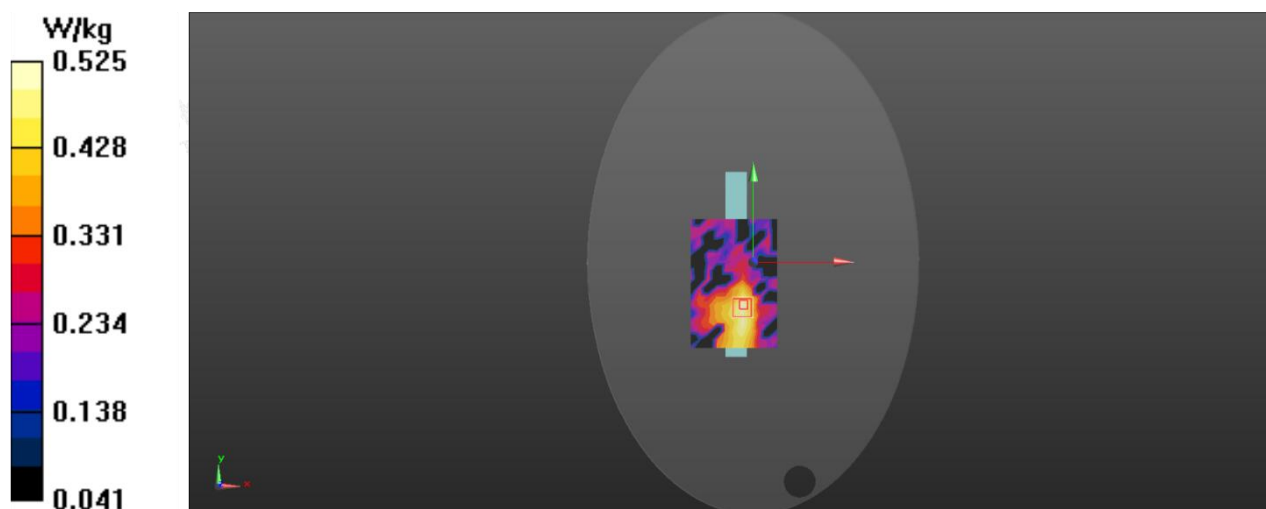
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.286 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.525 W/kg



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Date: 2025/4/15

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 157CH Bottom side 0mm-ANT1

DUT: Gaming tablet; Type: MGS101-08; Serial: A250228072-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1.057

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.227$ S/m; $\epsilon_r = 35.134$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.496 W/kg

Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm,

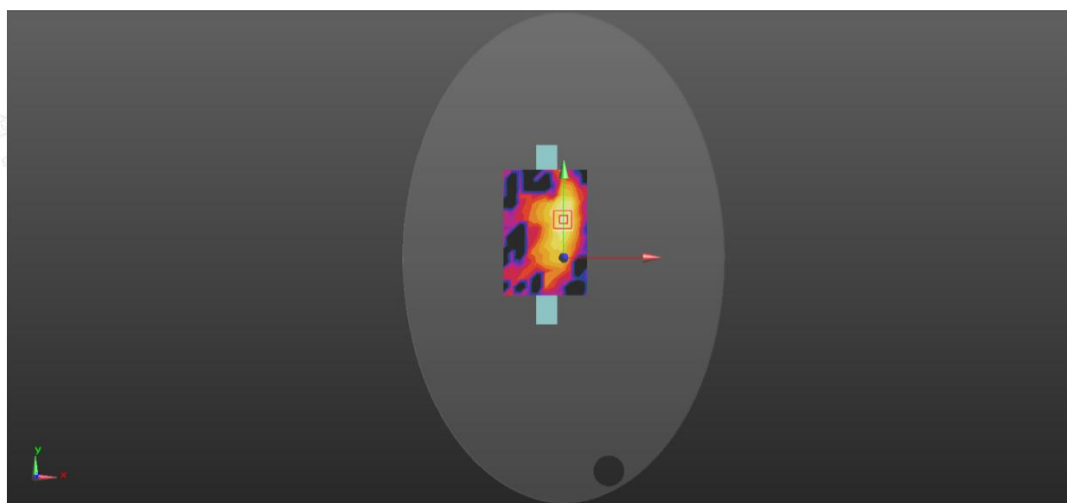
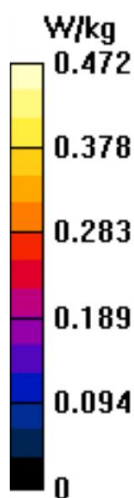
dz=2mm

Reference Value = 5.381 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.472 W/kg



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