



Appendix B

Detailed Test Results

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





Date: 2025/4/8

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm

DUT: Gaming tablet System; Type: MGS101-07; Serial: A250317169-1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 39.074$; $\rho = 1000$ 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 (11x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.694 W/kg

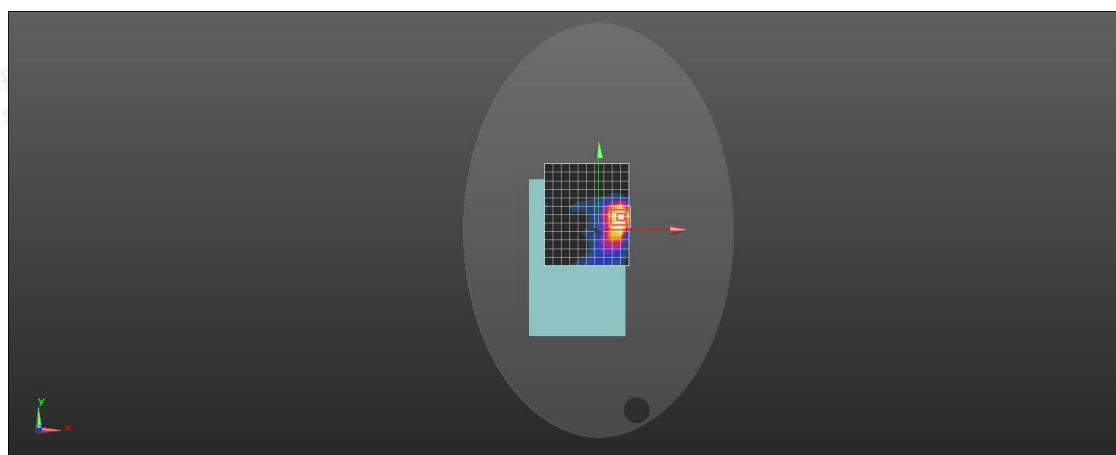
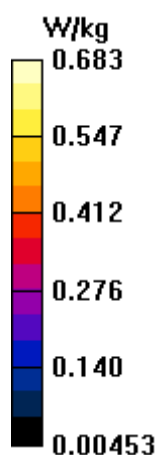
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.537 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.683 W/kg



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Scan code to check authenticity



Date: 2025/4/9

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Body Rear 0mm

DUT: Gaming tablet System; Type: MGS101-07; Serial: A250317169-1

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

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.694 \text{ S/m}$; $\epsilon_r = 35.869$; $\rho = 1000 \text{ kg/m}^3$

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 (12x15x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.723 W/kg

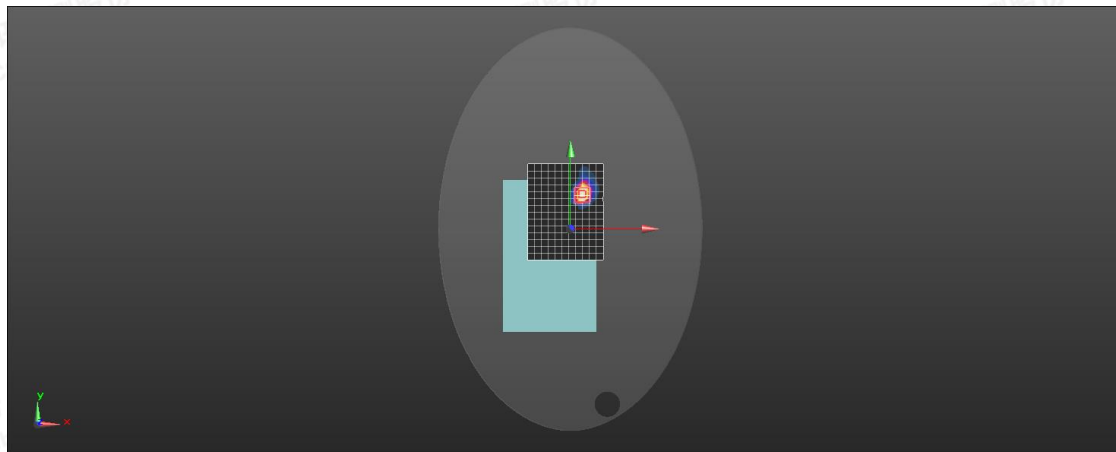
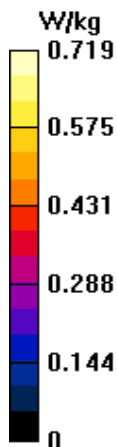
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.348 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.263 W/kg

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



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Date: 2025/4/10

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Body Rear 0mm

DUT: Gaming tablet System; Type: MGS101-07; Serial: A250317169-1

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

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.235 \text{ S/m}$; $\epsilon_r = 35.845$; $\rho = 1000 \text{ kg/m}^3$

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 (12x15x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.641 W/kg

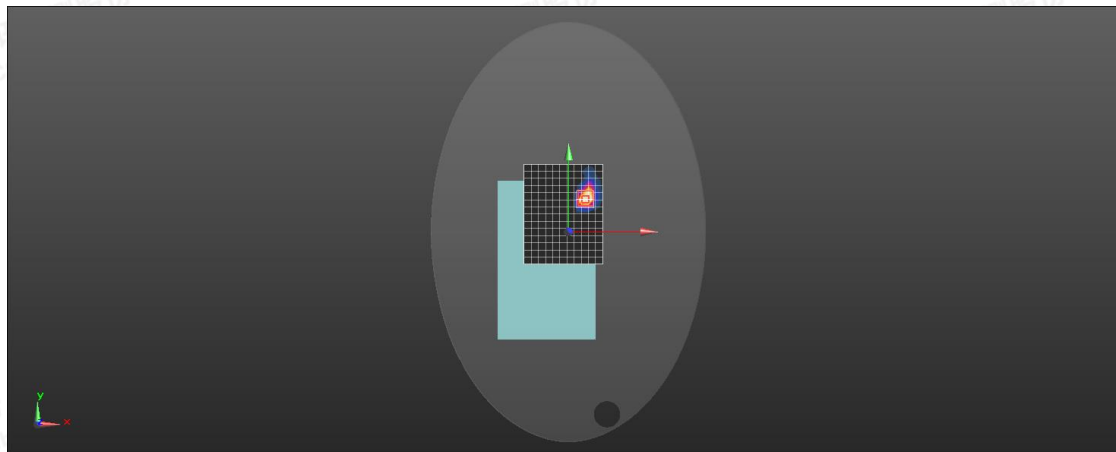
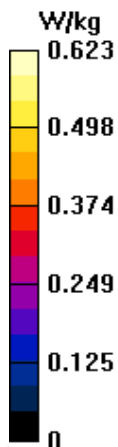
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.743 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.643 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.623 W/kg



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