



Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.3GHz for Body
WIFI 5.5GHz for Body
WIFI 5.8GHz for Body





Date: 2026/3/23

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm**DUT: AAWireless Nova ; Type: A3AN ; Serial: A260129083-1**

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

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.819 \text{ S/m}$; $\epsilon_r = 39.432$; $\rho = 1000 \text{ kg/m}^3$

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: 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: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.953 W/kg

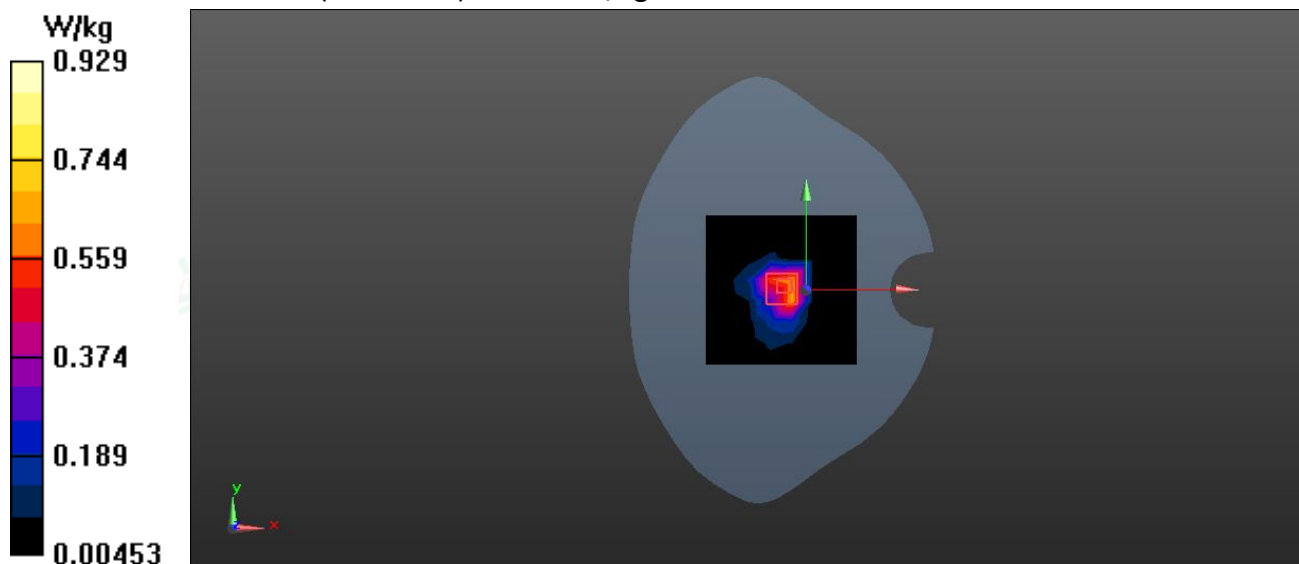
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.68 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.929 W/kg



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Date: 2026/3/24

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11ax20 48CH Rear side 0mm**DUT: AAWireless Nova ; Type: A3AN ; Serial: A260129083-1**

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

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.684 \text{ S/m}$; $\epsilon_r = 36.689$; $\rho = 1000 \text{ kg/m}^3$

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: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.796 W/kg

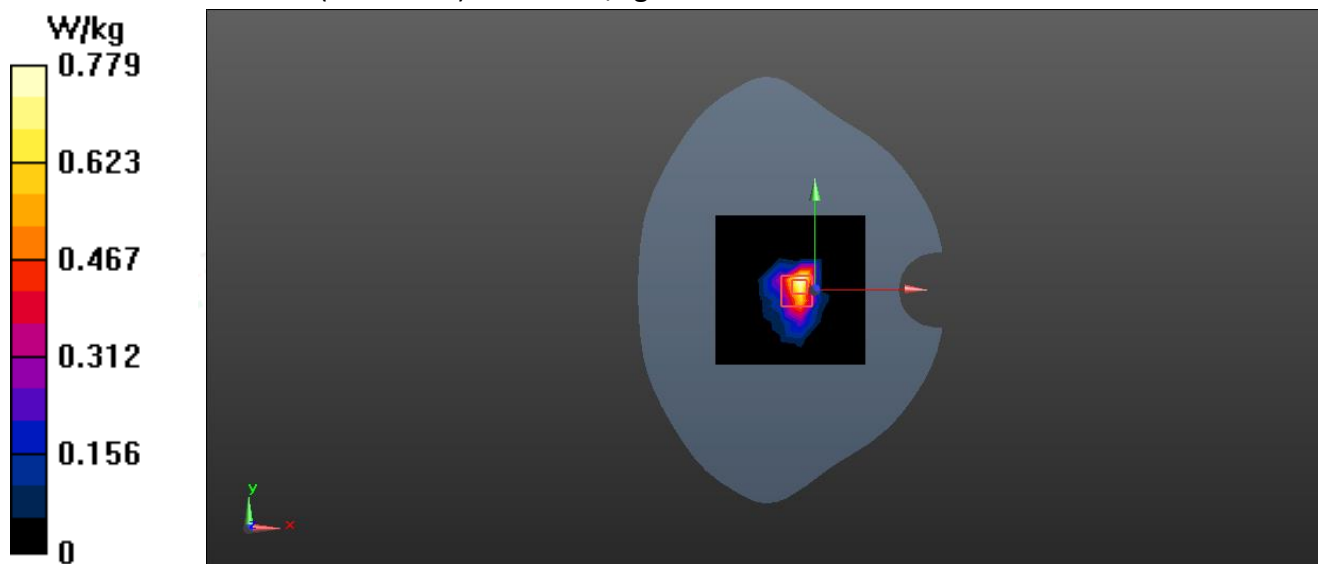
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 12.53 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.207 W/kg.

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



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Date: 2026/3/24

Test Laboratory: LCS-SAR Lab

WIFI 5.3G 802.11a 52CH Rear side 0mm**DUT: AAWireless Nova ; Type: A3AN ; Serial: A260129083-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.697$ S/m; $\epsilon_r = 36.721$; $\rho = 1000$ kg/m³

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: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.761 W/kg

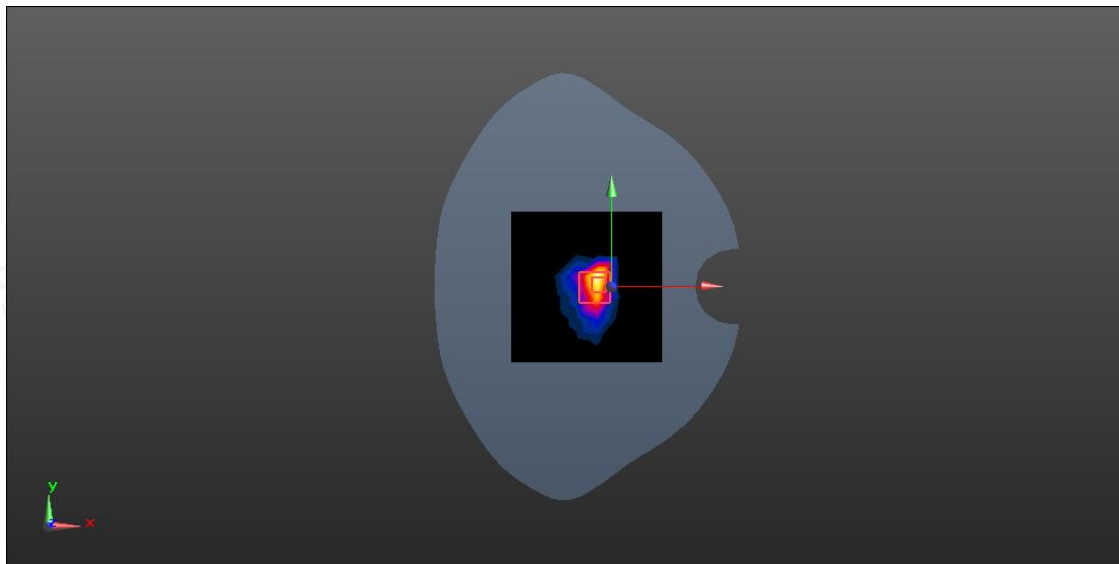
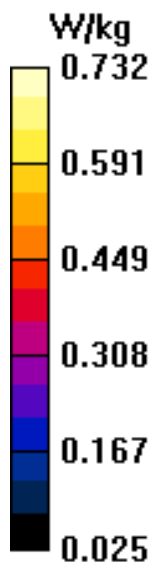
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.538 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.732 W/kg



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Date: 2026/3/25

Test Laboratory: LCS-SAR Lab

WIFI 5.5G 802.11n20 116CH Rear side 0mm**DUT: AAWireless Nova ; Type: A3AN ; Serial: A260129083-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.171 \text{ S/m}$; $\epsilon_r = 35.883$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.75, 4.75, 4.75); Calibrated: 2026/3/2;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.613 W/kg

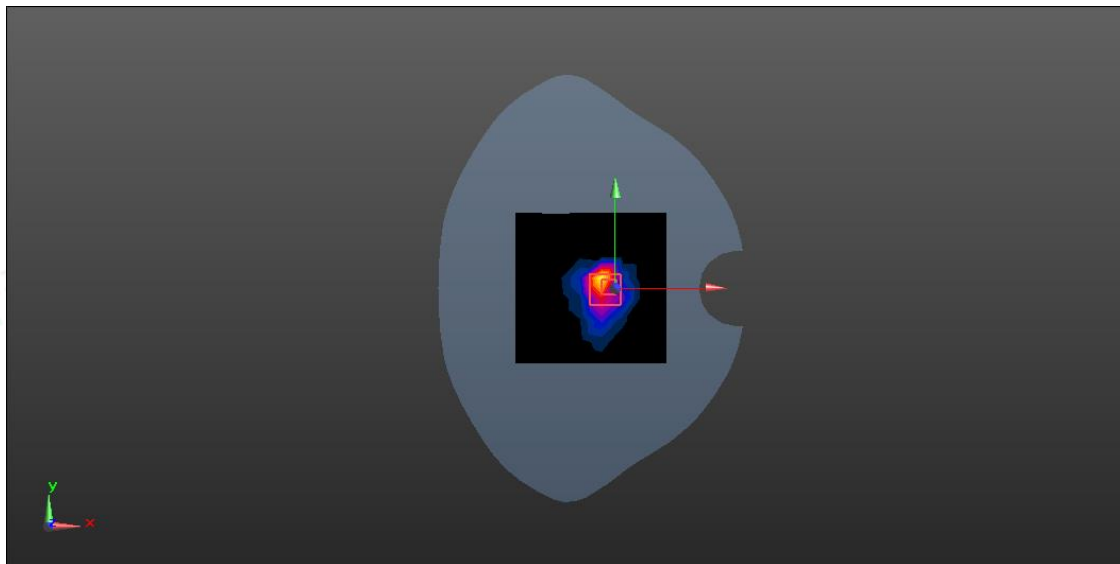
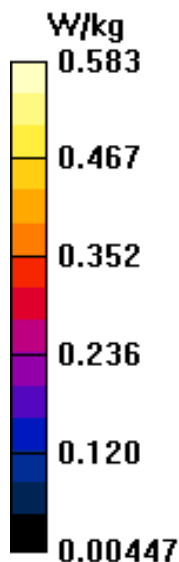
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 9.117 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.762 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.149 W/kg

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



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Date: 2026/3/25

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11ax20 165CH Rear side 0mm**DUT: AAWireless Nova ; Type: A3AN ; Serial: A260129083-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.346 \text{ S/m}$; $\epsilon_r = 35.622$; $\rho = 1000 \text{ kg/m}^3$

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: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.654 W/kg

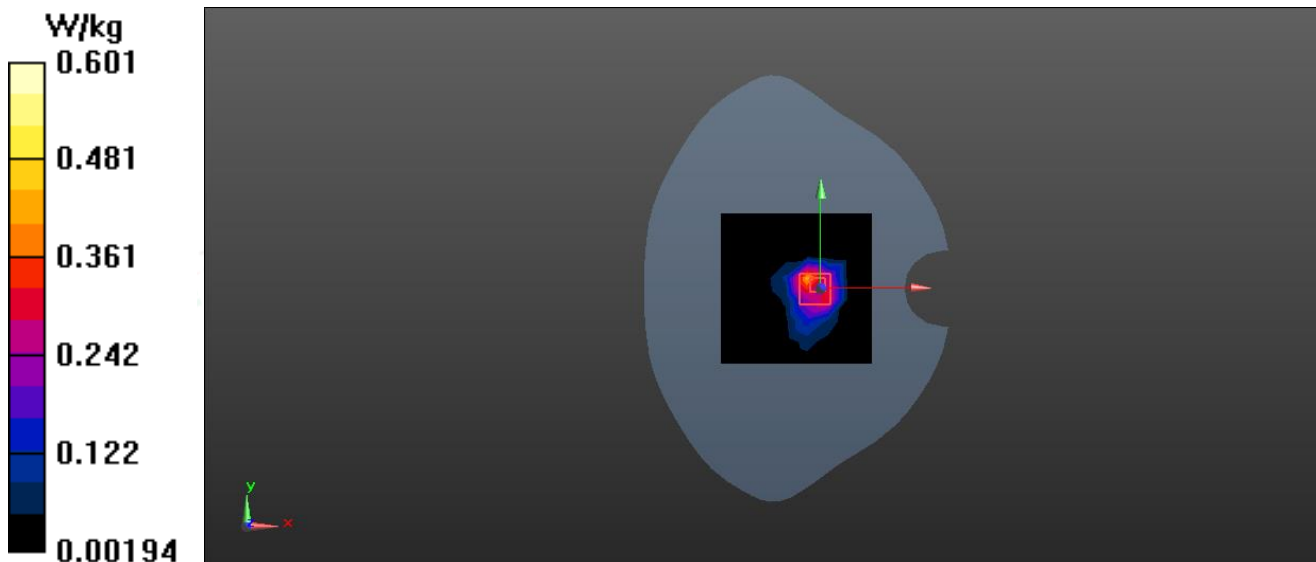
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 10.28 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.601 W/kg



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