



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: 2026/6/22

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm Ant 1**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.030

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.732 \text{ S/m}$; $\epsilon_r = 38.659$; $\rho = 1000 \text{ kg/m}^3$

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 (9x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.12 W/kg

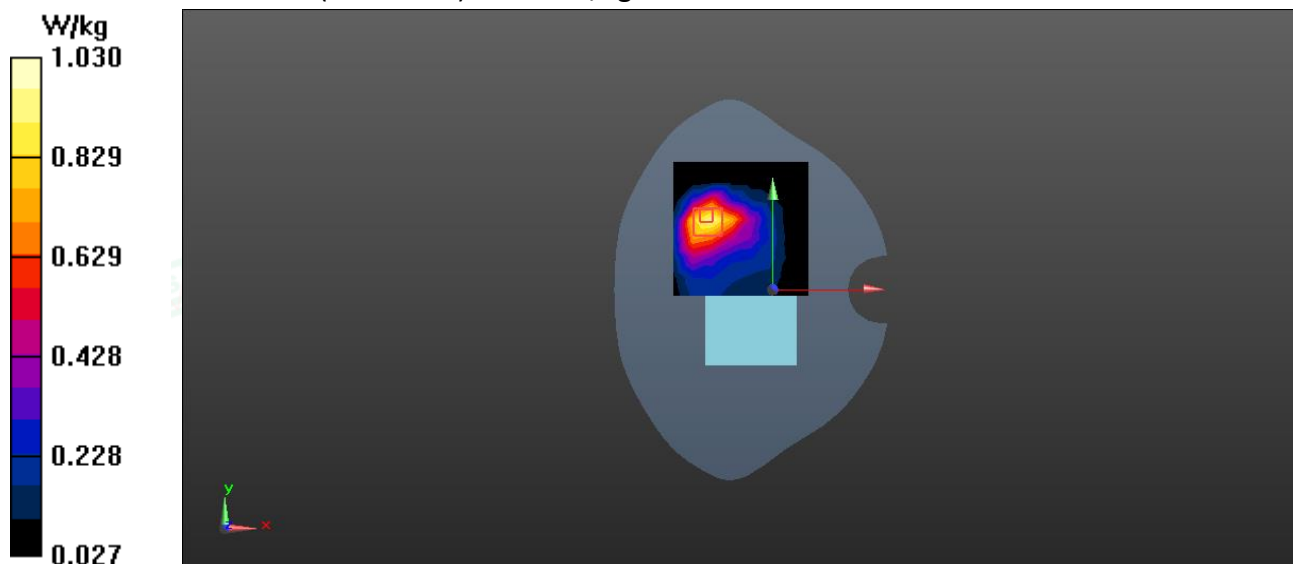
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.76 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



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Date: 2026/6/22

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 6CH Rear side 0mm Ant 2**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.217

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.759 \text{ S/m}$; $\epsilon_r = 38.804$; $\rho = 1000 \text{ kg/m}^3$

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 (9x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.927 W/kg

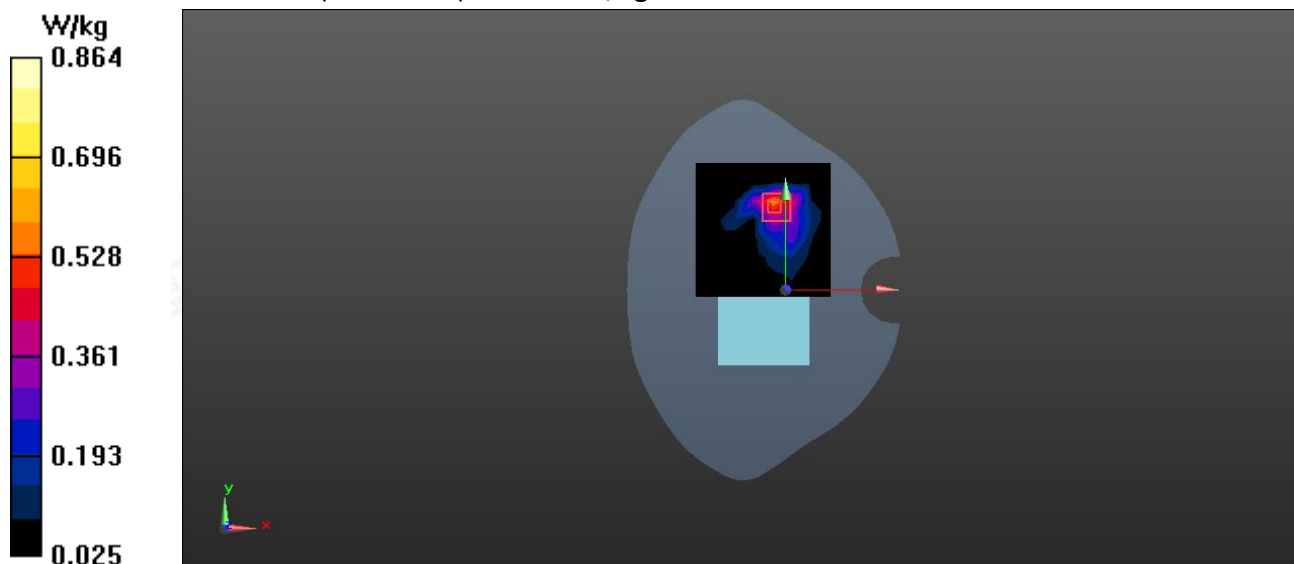
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.69 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.864 W/kg



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Date: 2026/6/23

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 48CH Rear side 0mm Ant 1**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.077

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.723 \text{ S/m}$; $\epsilon_r = 36.317$; $\rho = 1000 \text{ kg/m}^3$

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 (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.786 W/kg

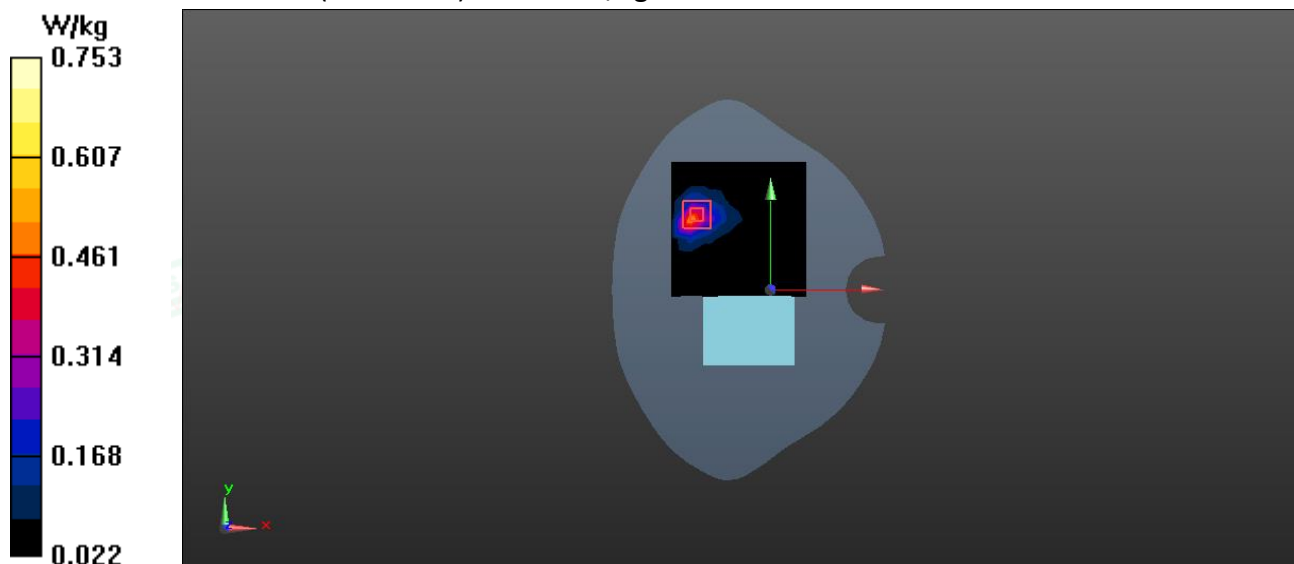
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 8.483 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.197 W/kg.

Maximum value of SAR (measured) = 0.753 W/kg



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Date: 2026/6/23

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Rear side 0mm Ant 2**DUT: OWL Camera ; Type: OWL 1; Serial: A260521001-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.000

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.695 \text{ S/m}$; $\epsilon_r = 36.224$; $\rho = 1000 \text{ kg/m}^3$

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 (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

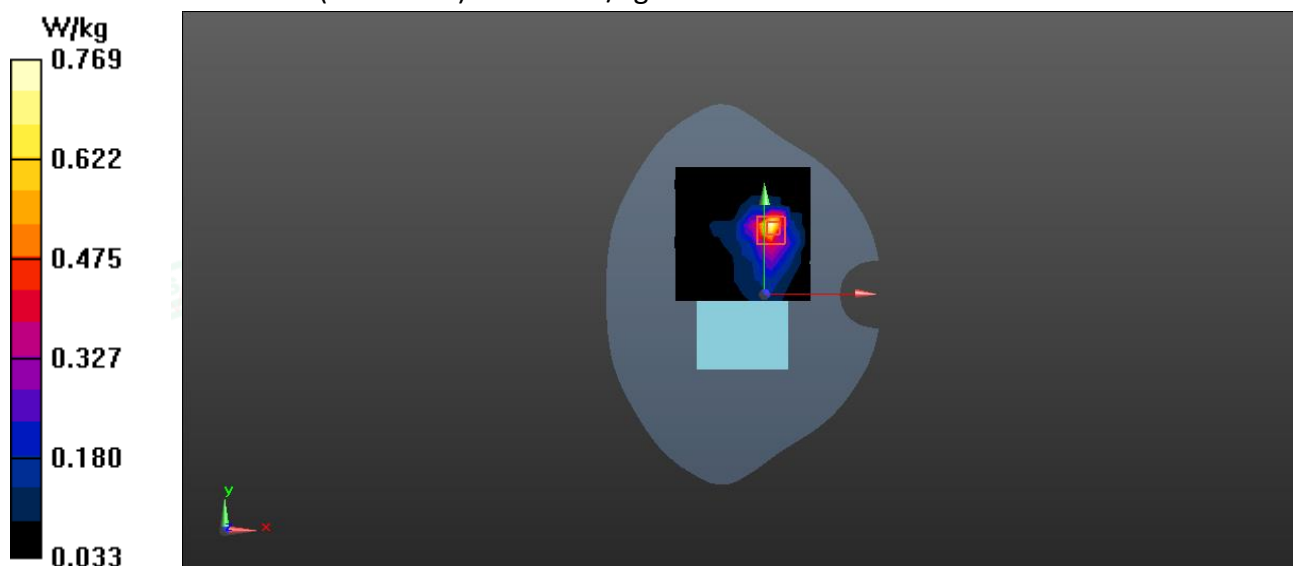
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 8.967 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.188 W/kg.

Maximum value of SAR (measured) = 0.769 W/kg



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Date: 2026/6/23

Test Laboratory: LCS-SAR Lab

WIFI 5.3G 802.11a 52CH Rear side 0mm Ant 1**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.097

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.746 \text{ S/m}$; $\epsilon_r = 36.394$; $\rho = 1000 \text{ kg/m}^3$

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 (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.712 W/kg

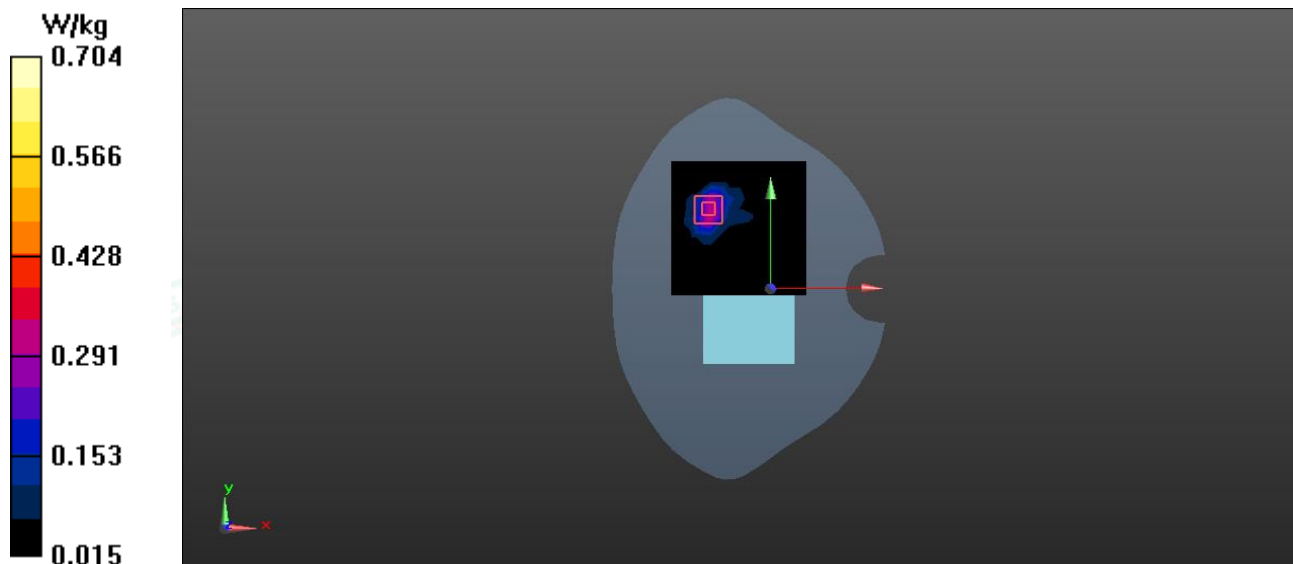
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 7.973 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.704 W/kg



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Date: 2026/6/23

Test Laboratory: LCS-SAR Lab

WIFI 5.3G 802.11a 60CH Rear side 0mm Ant 2**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5300 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.787 \text{ S/m}$; $\epsilon_r = 36.462$; $\rho = 1000 \text{ kg/m}^3$

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 (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.764 W/kg

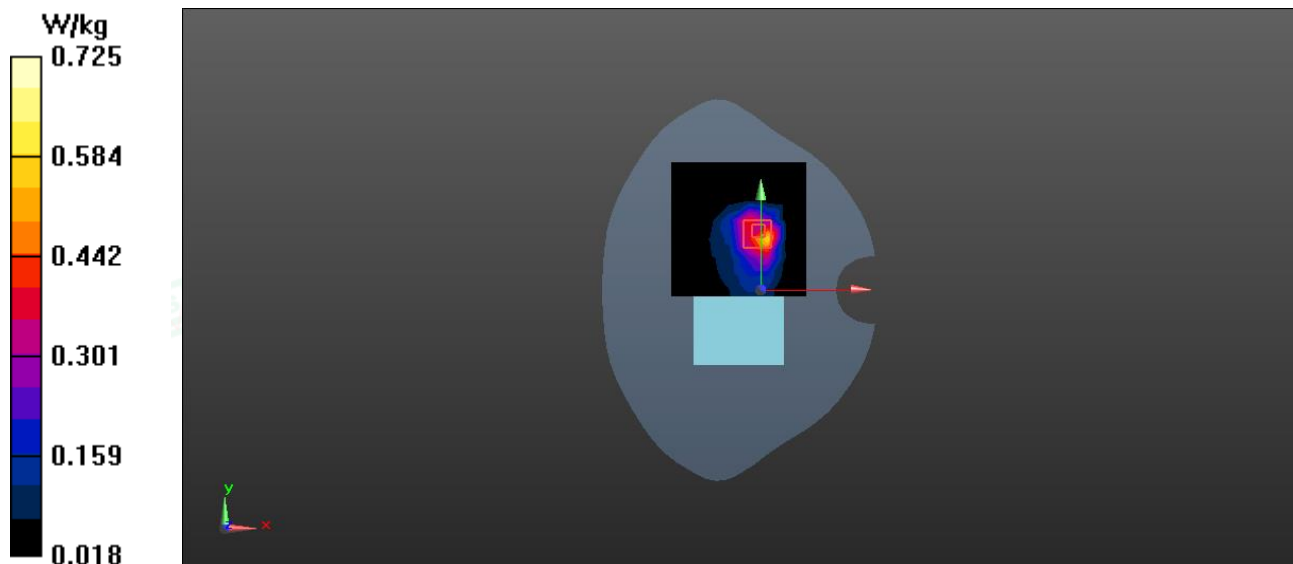
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 7.829 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 0.725 W/kg



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Date: 2026/6/24

Test Laboratory: LCS-SAR Lab

WIFI 5.5G 802.11a 100CH Rear side 0mm Ant 1**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.068

Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.037 \text{ S/m}$; $\epsilon_r = 35.486$; $\rho = 1000 \text{ kg/m}^3$

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 (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.624 W/kg

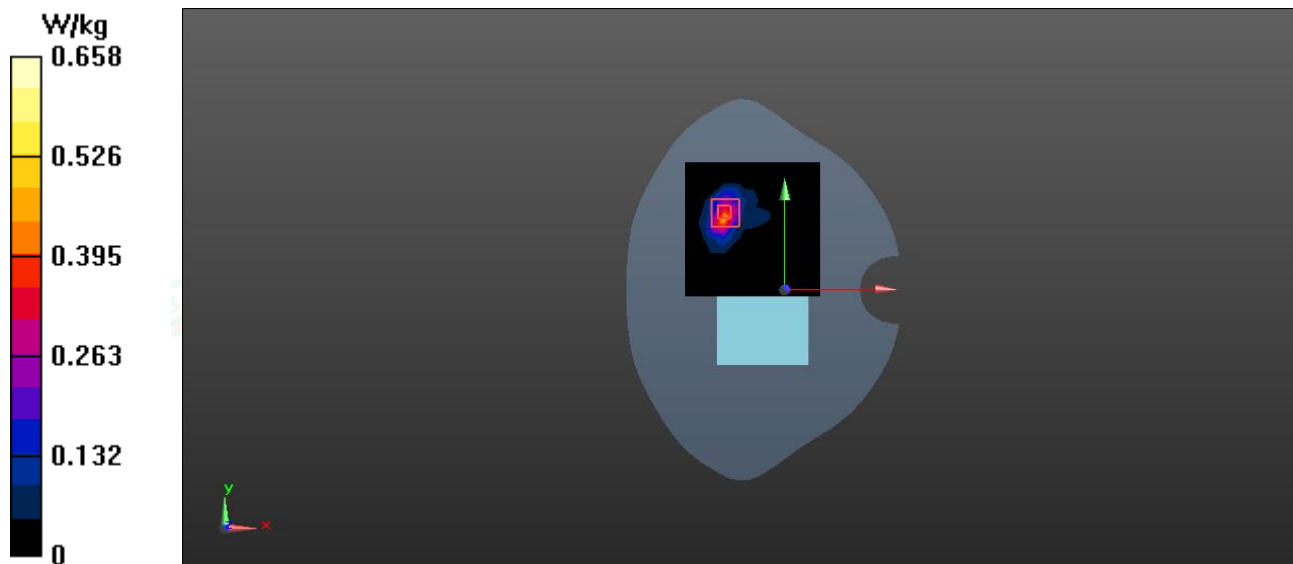
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 7.436 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.658 W/kg



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Date: 2026/6/24

Test Laboratory: LCS-SAR Lab

WIFI 5.5G 802.11ac20 116CH Rear side 0mm Ant 2**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

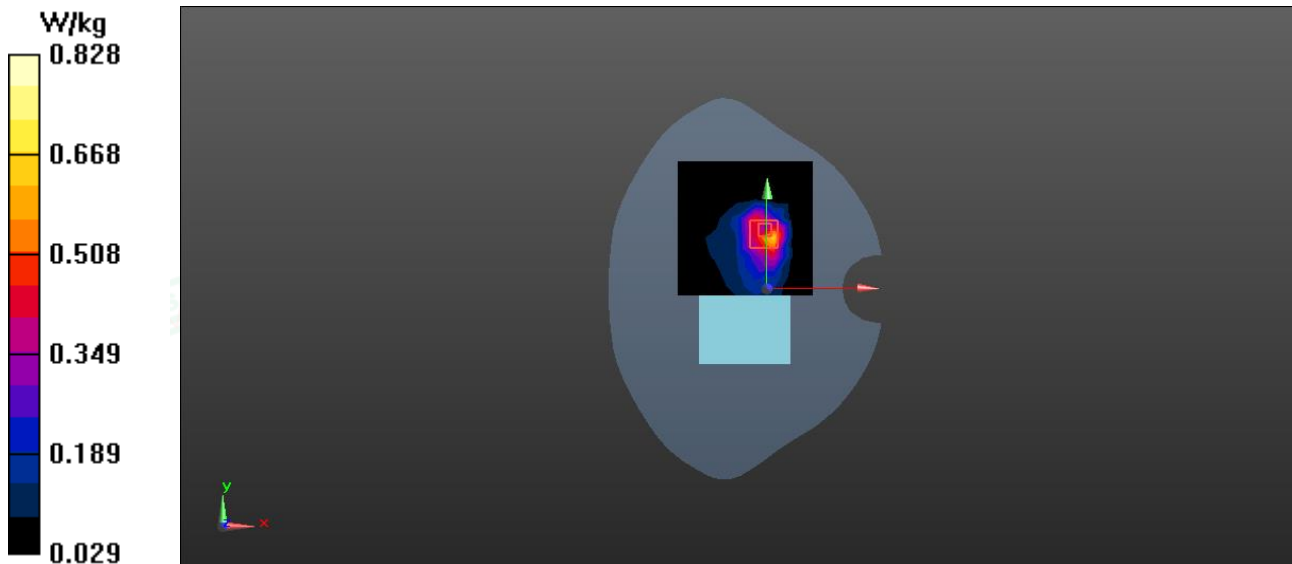
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5580 MHz; Duty Cycle: 1:1.098

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.106 \text{ S/m}$; $\epsilon_r = 35.594$; $\rho = 1000 \text{ kg/m}^3$

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 (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.801 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 = 7.684 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 0.893 W/kg **SAR(1 g) = 0.384 W/kg ; SAR(10 g) = 0.203 W/kg** Maximum value of SAR (measured) = 0.828 W/kg 

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Date: 2026/6/25

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Rear side 0mm Ant 1**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.097

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.334 \text{ S/m}$; $\epsilon_r = 35.517$; $\rho = 1000 \text{ kg/m}^3$

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 (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.729 W/kg

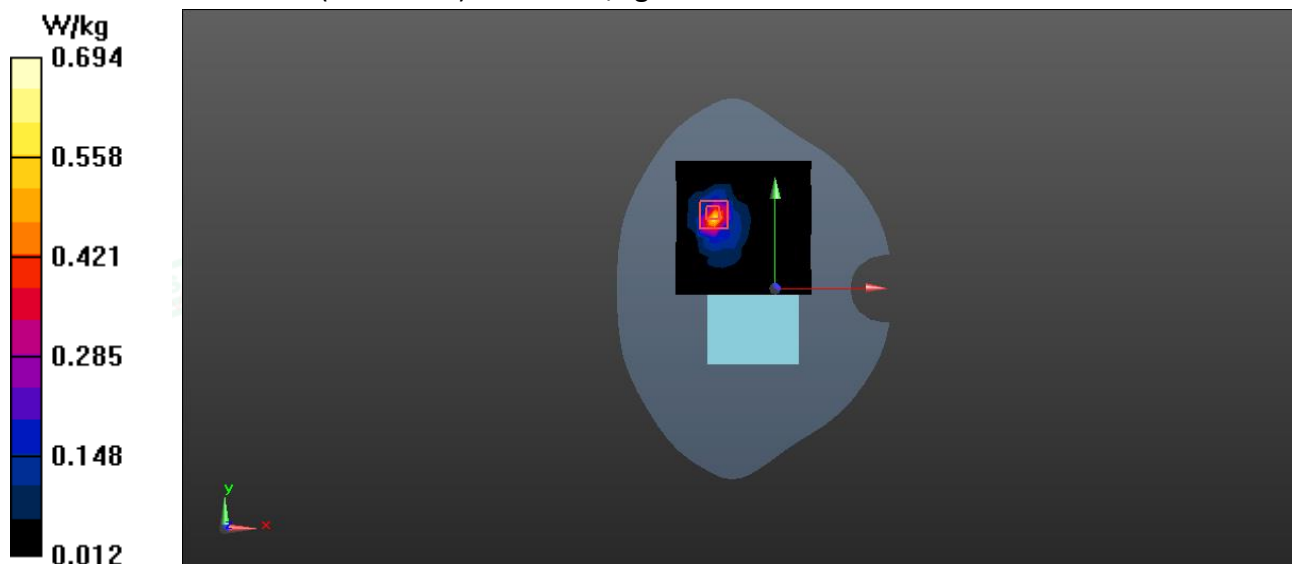
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 8.475 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.178 W/kg

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



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Date: 2026/6/25

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 165CH Rear side 0mm Ant 2**DUT: OWL Camera ; Type: OWL 1 ; Serial: A260521001-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.063

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.387 \text{ S/m}$; $\epsilon_r = 35.639$; $\rho = 1000 \text{ kg/m}^3$

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 (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.636 W/kg

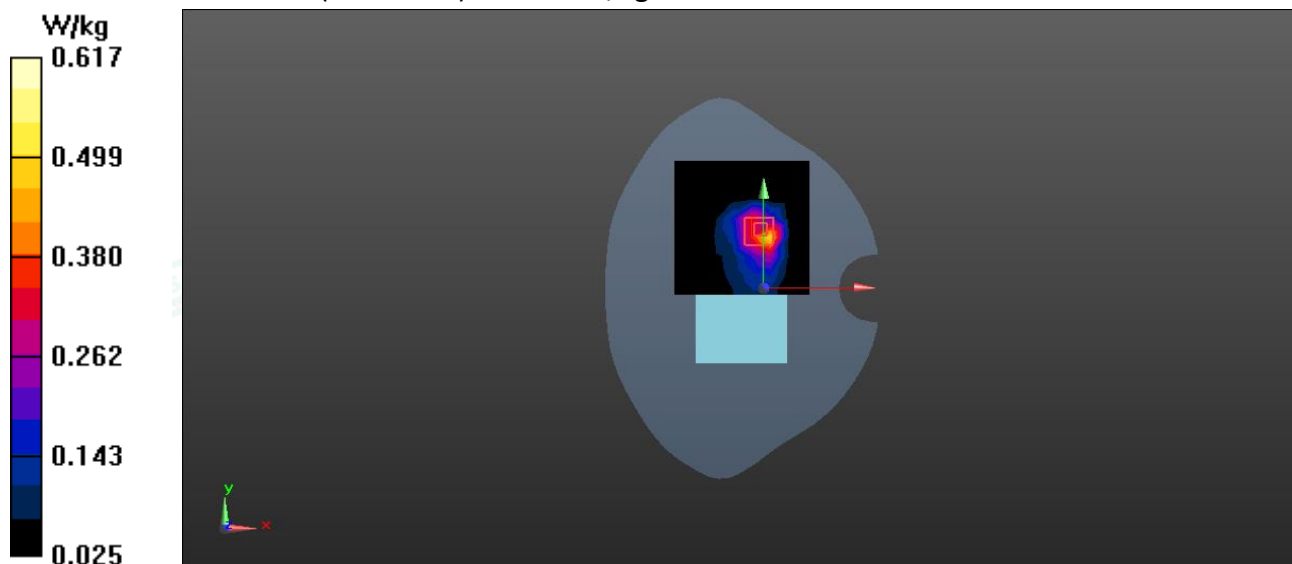
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.916 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.617 W/kg



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