



Appendix B

Detailed Test Results

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





Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11n40 9CH Rear side 0mm Ant1

DUT: Laptop ; Type: H729AE ; Serial: C260209016-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2452 MHz; Duty Cycle: 1:1.073

Medium parameters used: $f = 2452 \text{ MHz}$; $\sigma = 1.789 \text{ S/m}$; $\epsilon_r = 38.331$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.38, 7.38, 7.38); Calibrated: 2026/3/2;
- Sensor-Surface: 2mm (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/Unnamed procedure/Area Scan (9x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

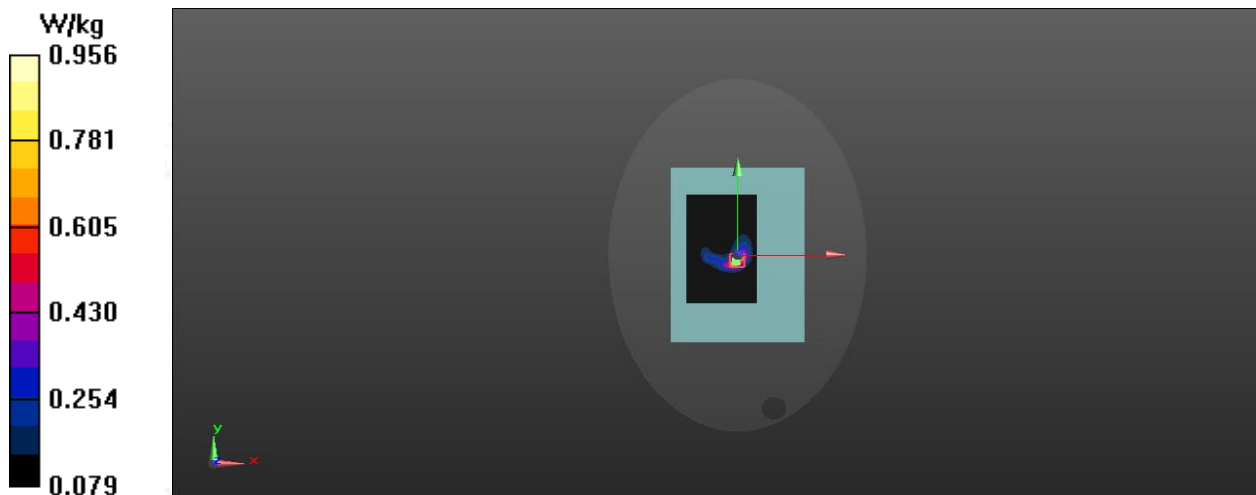
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.36 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 0.956 W/kg





Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11n40 9CH Rear side 0mm Ant2

DUT: Laptop ; Type: H729AE ; Serial: C260209016-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2452 MHz; Duty Cycle: 1:1.072

Medium parameters used: $f = 2452 \text{ MHz}$; $\sigma = 1.789 \text{ S/m}$; $\epsilon_r = 38.331$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.38, 7.38, 7.38); Calibrated: 2026/3/2;
- Sensor-Surface: 2mm (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/Unnamed procedure/Area Scan (9x12x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.05 W/kg

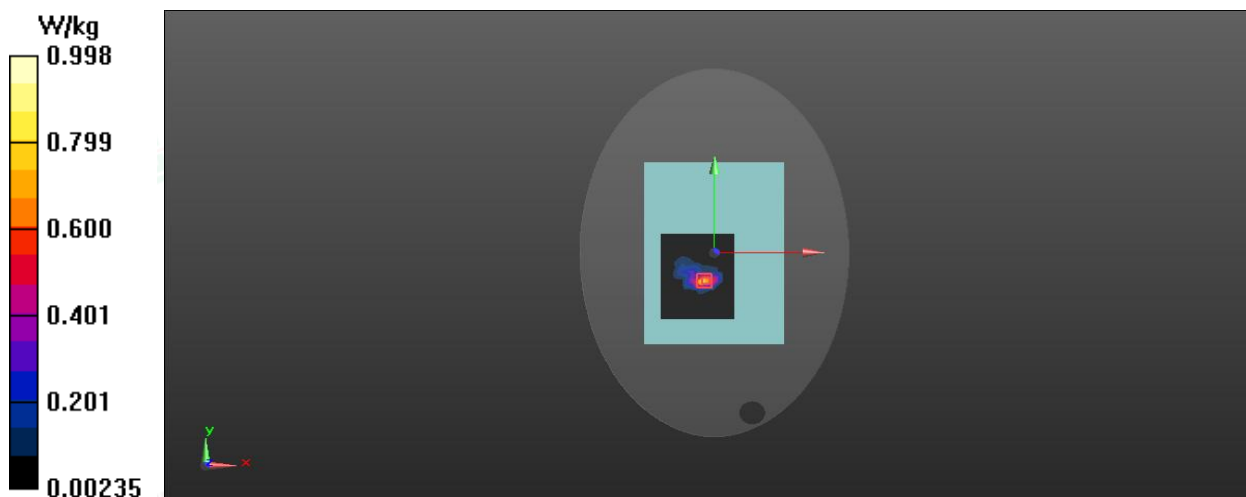
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.998 W/kg





Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11ac40 38CH Body Rear side 0mm Ant1

DUT: Laptop ; Type: H729AE ; Serial: C260209016-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5190 MHz; Duty Cycle: 1:1.052

Medium parameters used: $f = 5190$ MHz; $\sigma = 4.589$ S/m; $\epsilon_r = 35.697$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.35, 5.35, 5.35); Calibrated: 2026/3/2;
- Sensor-Surface: 2mm (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/Unnamed procedure/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.914 W/kg

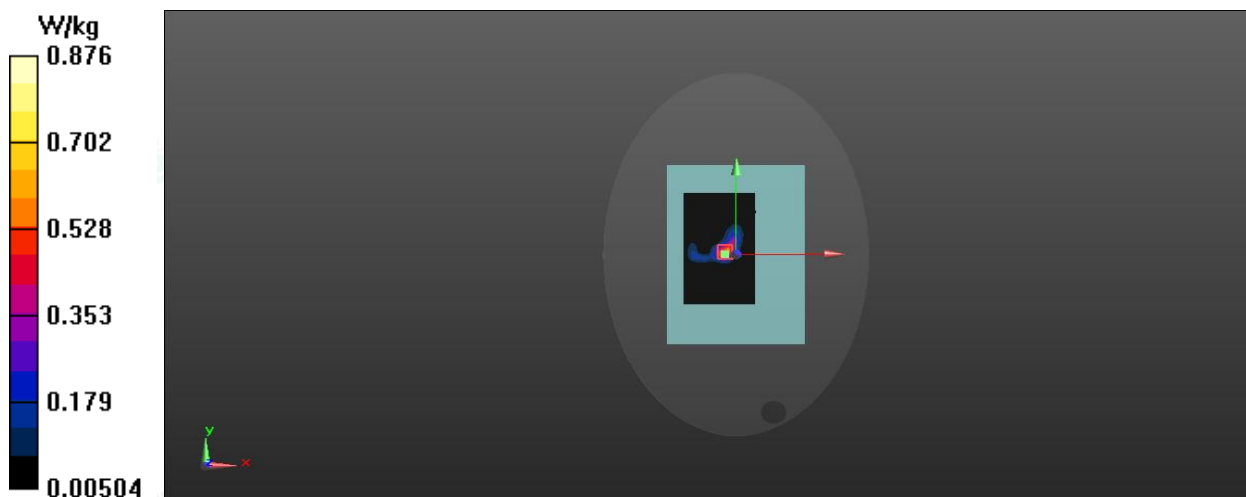
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.58 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.876 W/kg





Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11ac80 42CH Body Rear side 0mm Ant2

DUT: Laptop ; Type: H729AE ; Serial: C260209016-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5210 MHz; Duty Cycle: 1:1.149

Medium parameters used: $f = 5210$ MHz; $\sigma = 4.604$ S/m; $\epsilon_r = 35.765$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.35, 5.35, 5.35); Calibrated: 2026/3/2;
- Sensor-Surface: 2mm (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/Unnamed procedure/Area Scan (11x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.942 W/kg

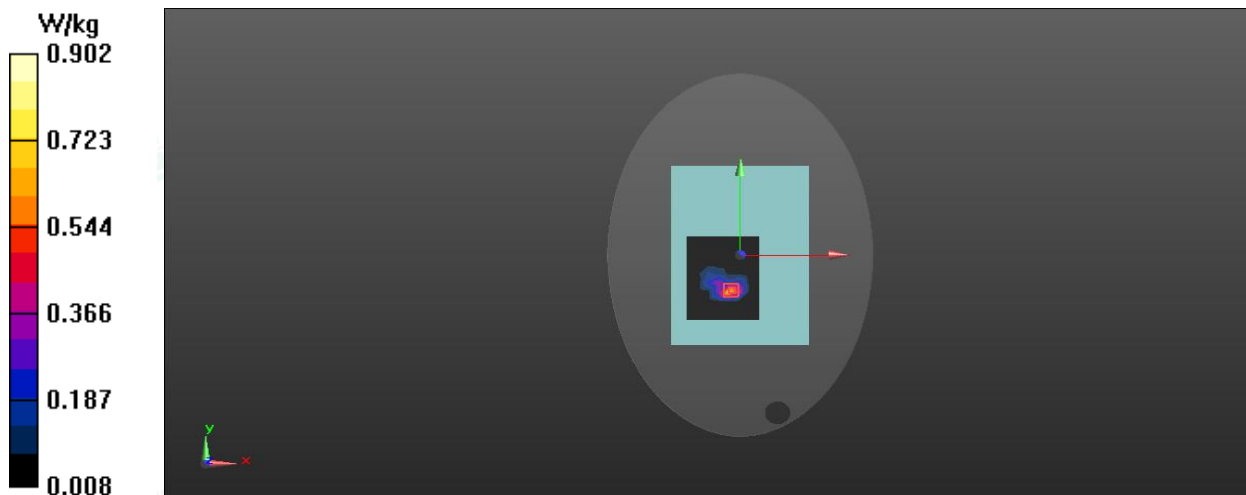
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.97 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 0.902 W/kg





Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11n20 149CH Body Rear side 0mm Ant1

DUT: Laptop ; Type: H729AE ; Serial: C260209016-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745MHz;Duty Cycle: 1:1.031

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.362 \text{ S/m}$; $\epsilon_r = 35.683$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.87, 4.87, 4.87); Calibrated: 2026/3/2;
- Sensor-Surface: 2mm (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/Unnamed procedure/Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.844 W/kg

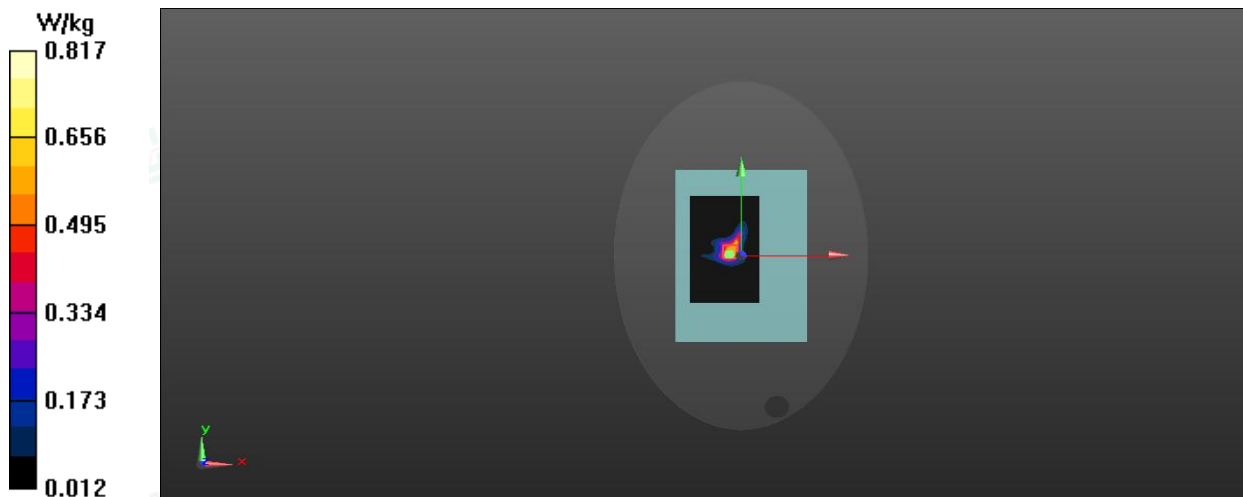
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 10.69 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.935 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.817 W/kg





Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11n20 157CH Body Rear side 0mm Ant2

DUT: Laptop ; Type: H729AE ; Serial: C260209016-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785MHz; Duty Cycle: 1:1.276

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.338 \text{ S/m}$; $\epsilon_r = 35.613$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.87, 4.87, 4.87); Calibrated: 2026/3/2;
- Sensor-Surface: 2mm (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/Unnamed procedure/Area Scan (10x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.736 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 = 9.694 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.772 W/kg

