



Appendix B

Detailed Test Results

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





Date: 2025/4/24

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Left side 0mm-ANT1

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.766$ S/m; $\epsilon_r = 39.945$; $\rho = 1000$ 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) = 0.995 W/kg

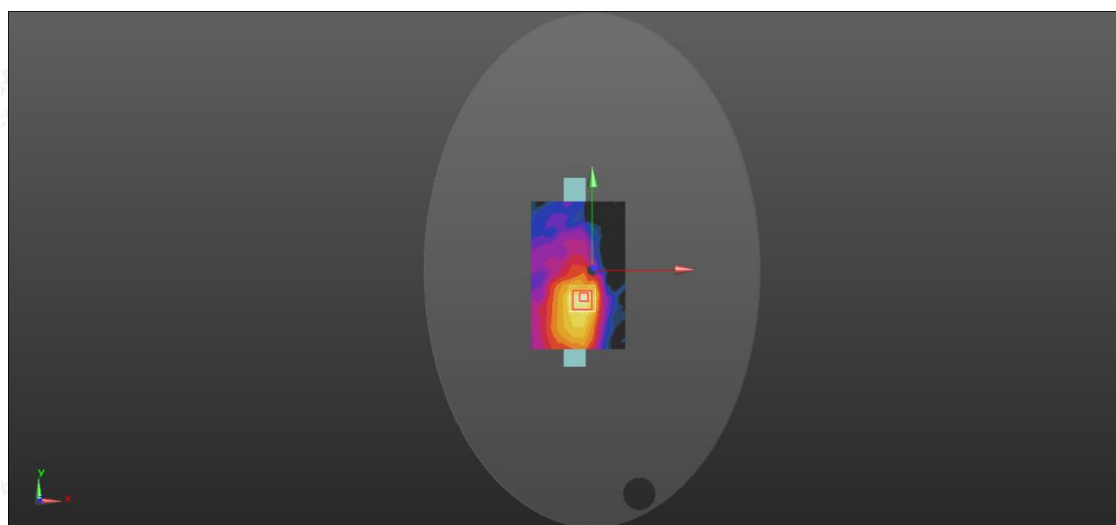
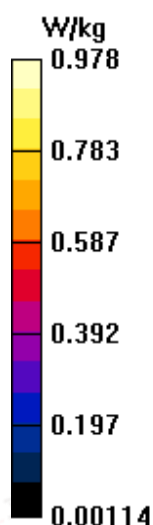
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.59 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.978 W/kg



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Date: 2025/4/24

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Right side 0mm-ANT2

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.011

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.766$ S/m; $\epsilon_r = 39.945$; $\rho = 1000$ 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) = 0.918 W/kg

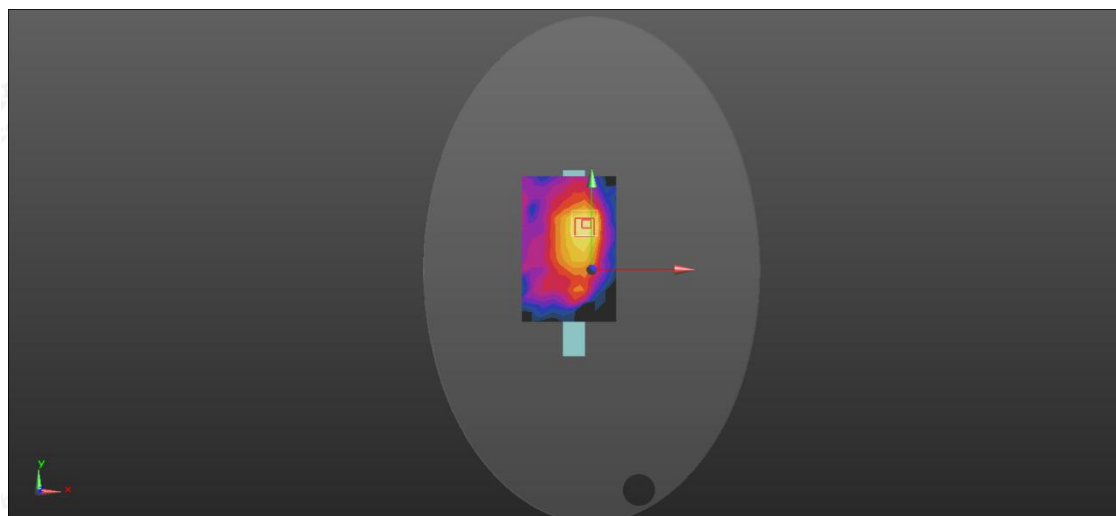
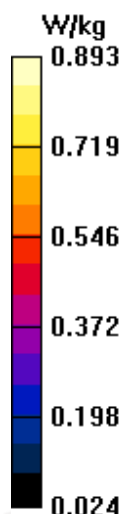
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.49 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (measured) = 0.893 W/kg



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Date: 2025/4/24

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 6CH Bottom side 0mm-ANT3

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.766$ S/m; $\epsilon_r = 39.945$; $\rho = 1000$ 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) = 0.697W/kg

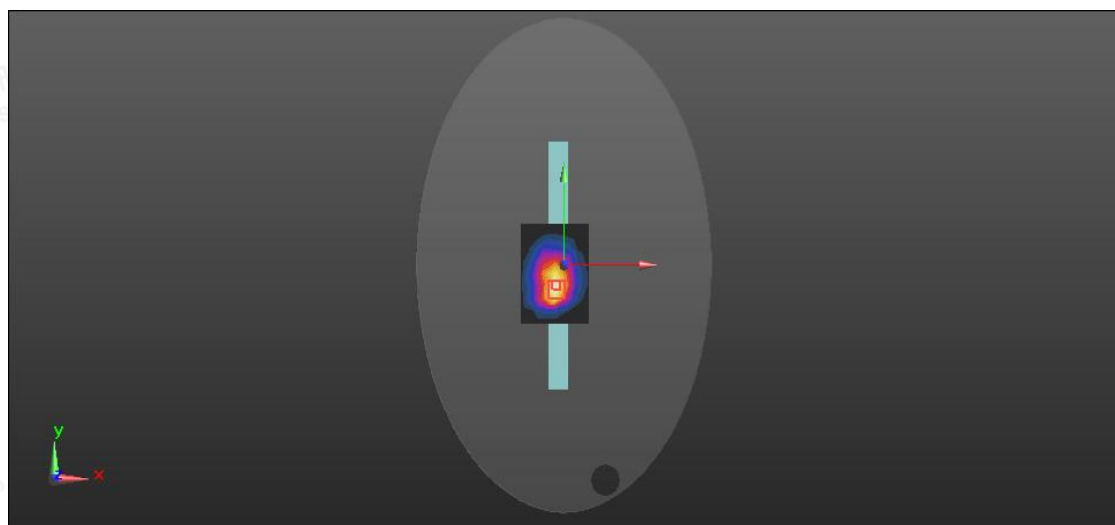
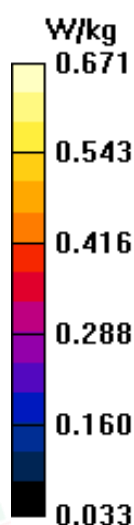
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.643 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 0.671 W/kg



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Date: 2025/4/25

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Left side 0mm-ANT1

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.057

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.558$ S/m; $\epsilon_r = 36.569$; $\rho = 1000$ 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) = 0.643 W/kg

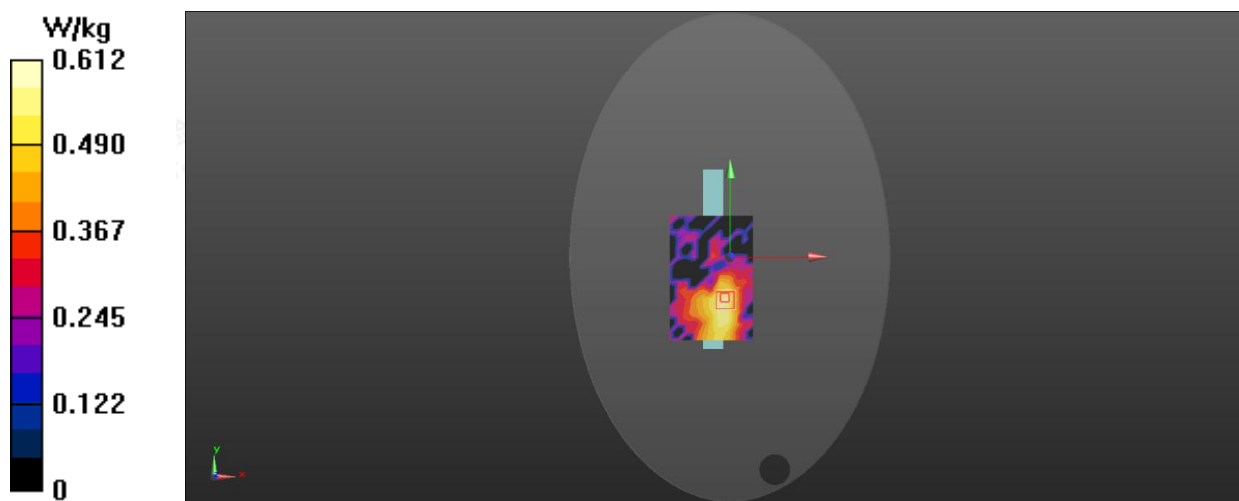
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm
dz=2mm

Reference Value = 7.628 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.612 W/kg



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Date: 2025/4/25

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Right side 0mm-ANT2

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1.057

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.587$ S/m; $\epsilon_r = 36.271$; $\rho = 1000$ 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) = 0.723 W/kg

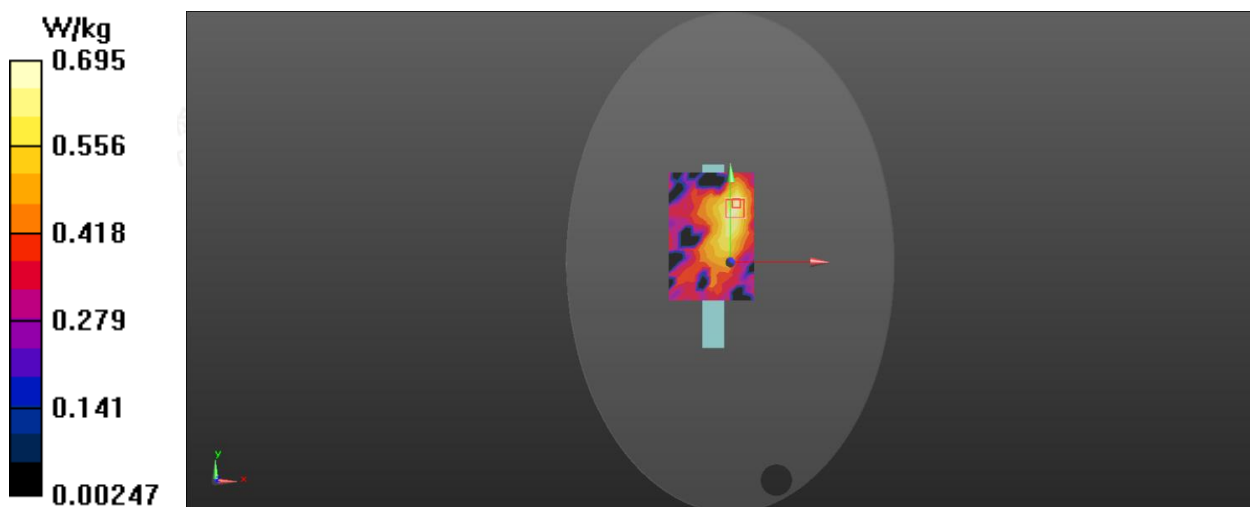
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.326 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.695 W/kg



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Date: 2025/4/25

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Bottom side 0mm-ANT3

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

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

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.587$ S/m; $\epsilon_r = 36.271$; $\rho = 1000$ 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) = 0.694 W/kg

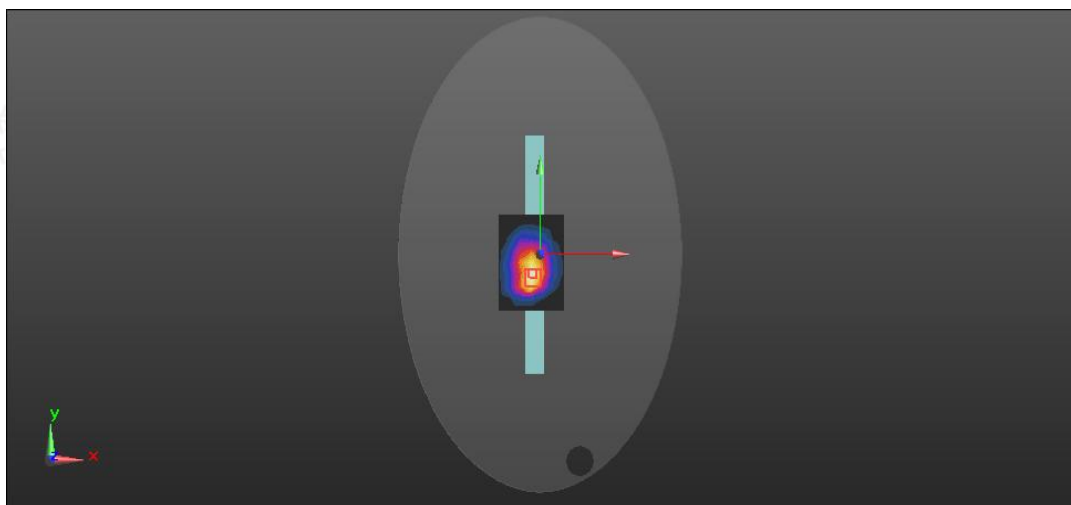
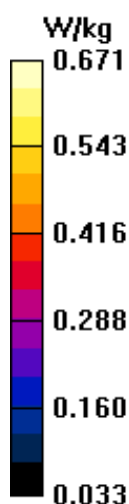
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.228 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.671 W/kg



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Date: 2025/4/26

Test Laboratory: LCS-SAR Lab

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

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

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

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.253$ S/m; $\epsilon_r = 34.918$; $\rho = 1000$ 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) = 0.563 W/kg

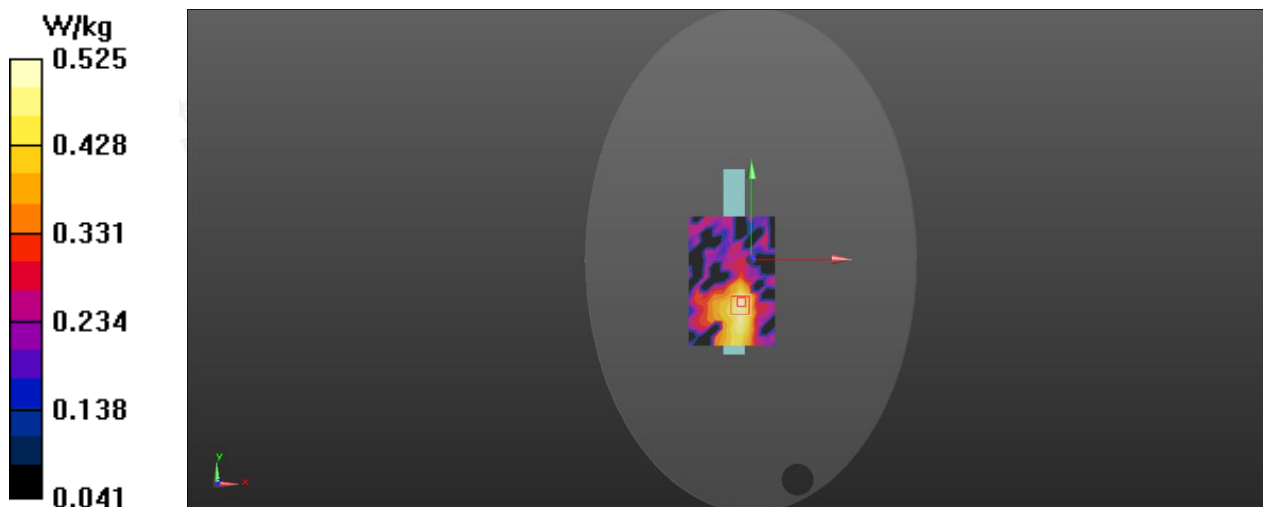
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.735 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.191 W/kg

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



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Date: 2025/4/26

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Right side 0mm-ANT2

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

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

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.236$ S/m; $\epsilon_r = 34.502$; $\rho = 1000$ 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) = 0.638 W/kg

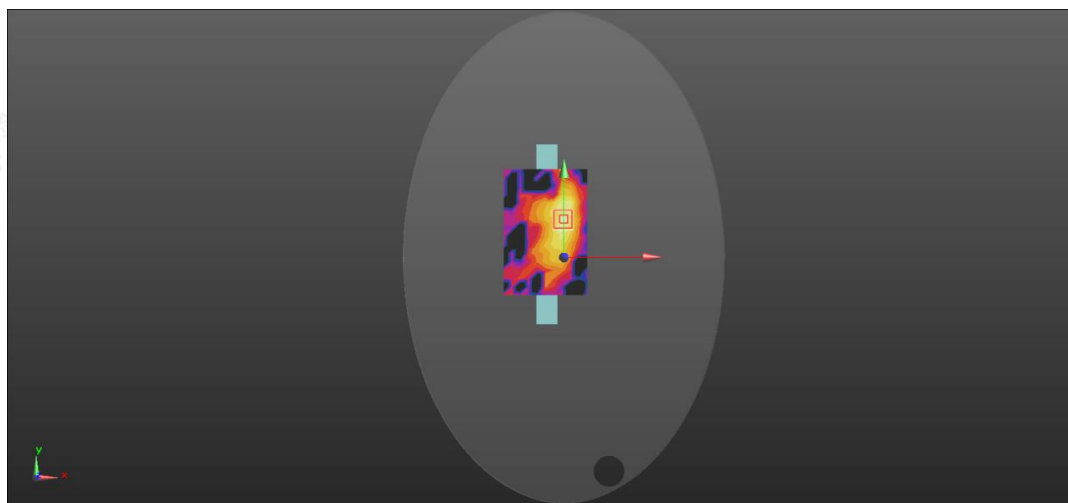
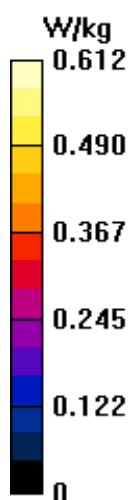
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm
dz=2mm

Reference Value = 10.25 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.612 W/kg



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Date: 2025/4/26

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 165CH Bottom side 0mm-ANT3

DUT: EV Detection Tool; Type: E10; Serial: A250408086-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5825$ MHz; $\sigma = 5.212$ S/m; $\epsilon_r = 35.522$; $\rho = 1000$ 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) = 0.662 W/kg

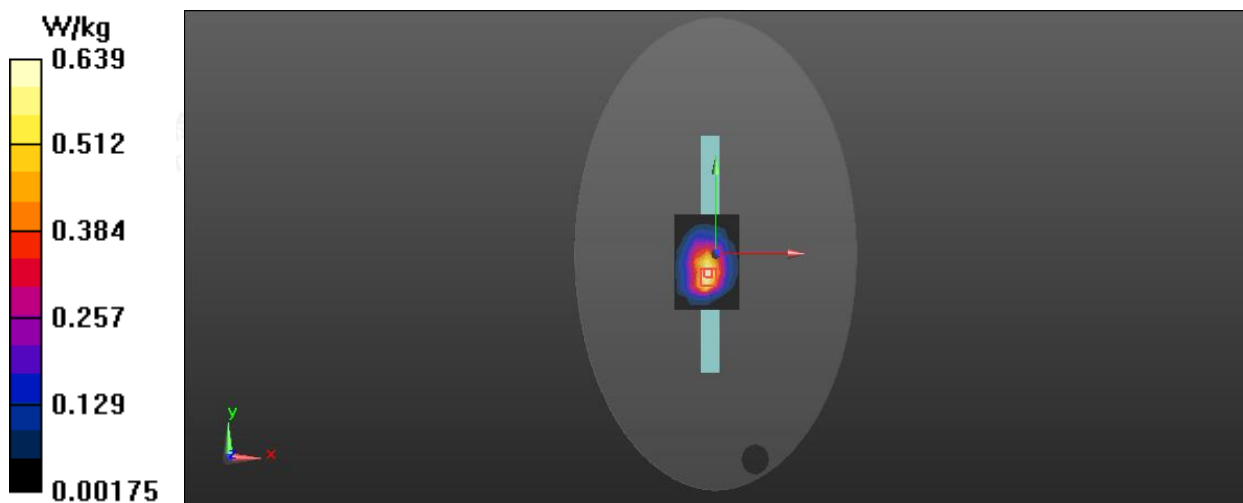
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.584 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 0.639 W/kg



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