

Appendix B

Detailed Test Results

1. WIFI&BT
WIFI 2.4GHz for Body
WIFI 5.8GHz for Body





Date: 2025/10/29

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 6CH Rear side 0mm Ant 1**DUT:Thermal Monocular ; Type: TNV60 PRO ; Serial: A250915060-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz;Duty Cycle: 1:1.003

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.846$ S/m; $\epsilon_r = 39.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.04 W/kg

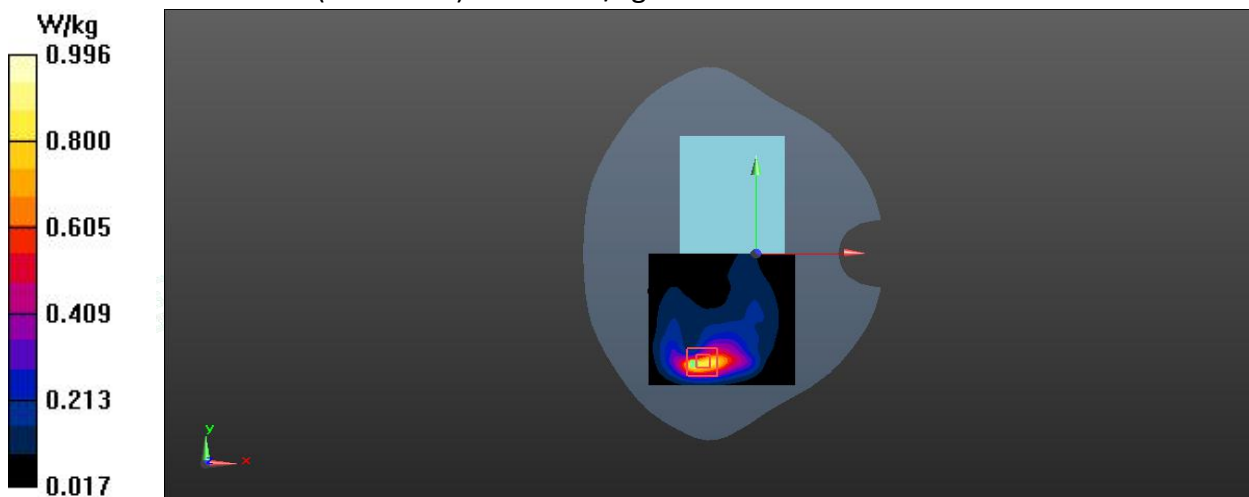
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.84 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.996 W/kg



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Scan code to check authenticity



Date: 2025/10/29

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm Ant 2**DUT:Thermal Monocular ; Type: TNV60 PRO ; Serial: A250915060-1**

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.849$ S/m; $\epsilon_r = 39.789$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.986 W/kg

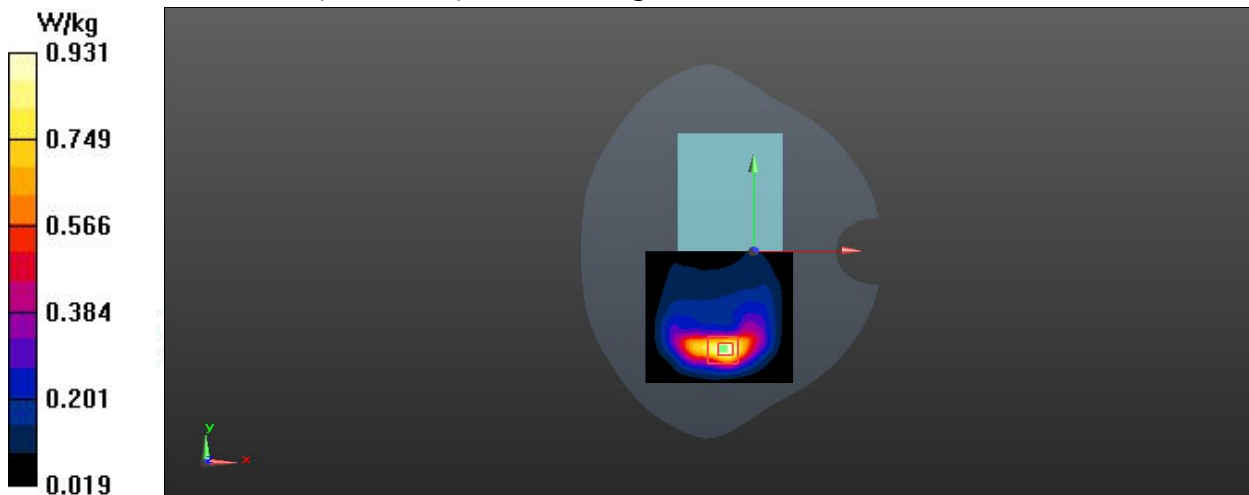
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.39 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.931 W/kg



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Date: 2025/10/31

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Rear side 0mm Ant 1**DUT:Thermal Monocular ; Type: TNV60 PRO ; Serial: A250915060-1**

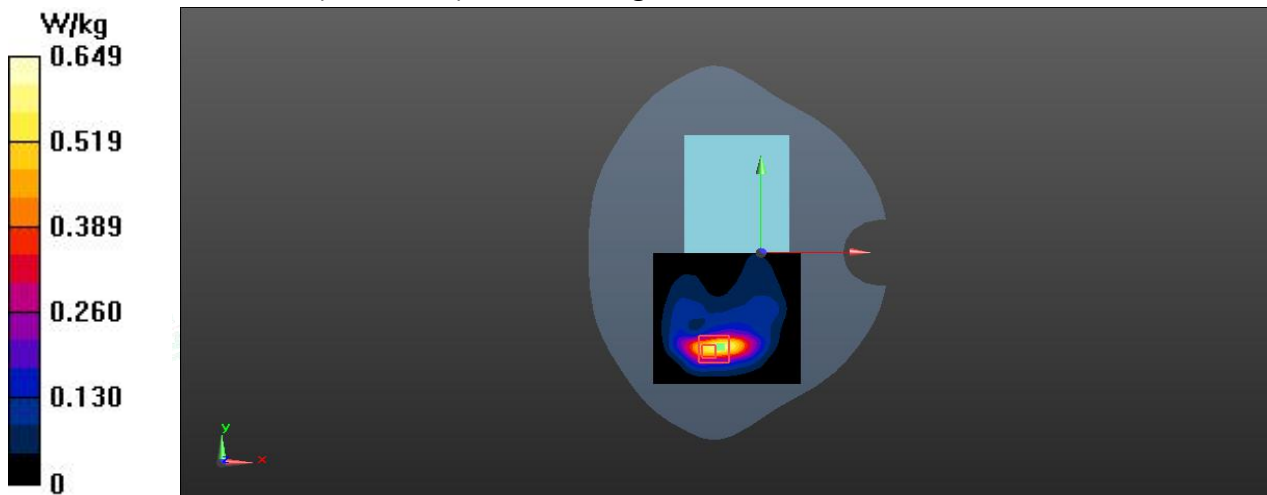
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1.058

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.342 \text{ S/m}$; $\epsilon_r = 35.556$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): 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 = 9.184 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 0.904 W/kg **SAR(1 g) = 0.397 W/kg ; SAR(10 g) = 0.204 W/kg** Maximum value of SAR (measured) = 0.649 W/kg 

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Date: 2025/10/31

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Rear side 0mm Ant 1**DUT:Thermal Monocular ; Type: TNV60 PRO ; Serial: A250915060-1**

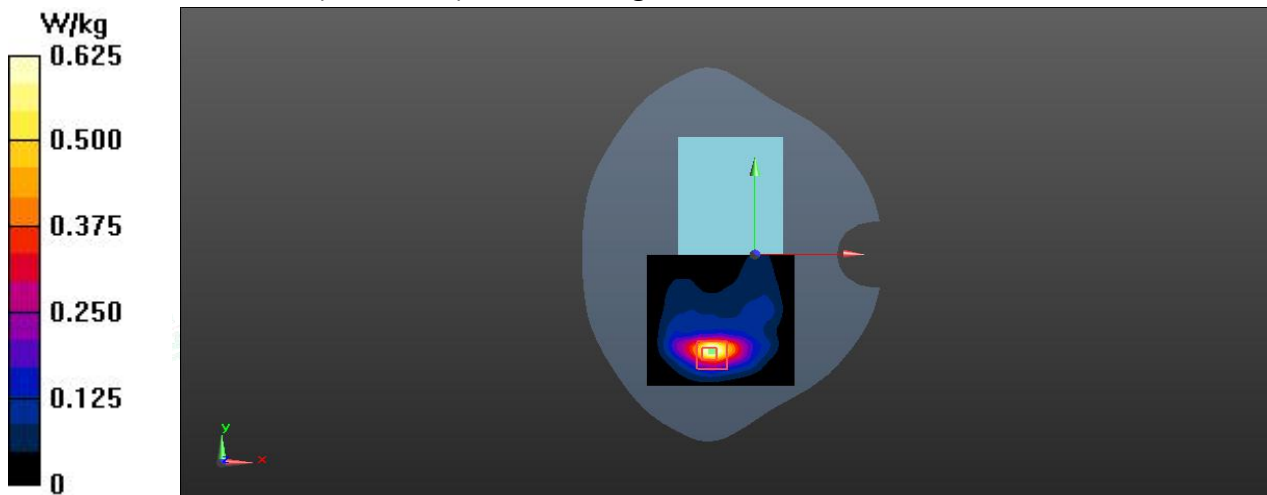
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1.058

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.342 \text{ S/m}$; $\epsilon_r = 35.556$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.674 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 = 8.983 V/m ; Power Drift = 0.10 dB Peak SAR (extrapolated) = 0.857 W/kg **SAR(1 g) = 0.342 W/kg ; SAR(10 g) = 0.176 W/kg** Maximum value of SAR (measured) = 0.625 W/kg 

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