



Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body





Date: 2025/5/12

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Front side 0mm ANT0**DUT: Retro Handheld Game Console; Type: Retroid Pocket Flip 2; Serial: A250506030-1**

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

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.777 \text{ S/m}$; $\epsilon_r = 39.489$; $\rho = 1000 \text{ kg/m}^3$

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

Configuration/Unnamed procedure/Area Scan (9x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.892 W/kg

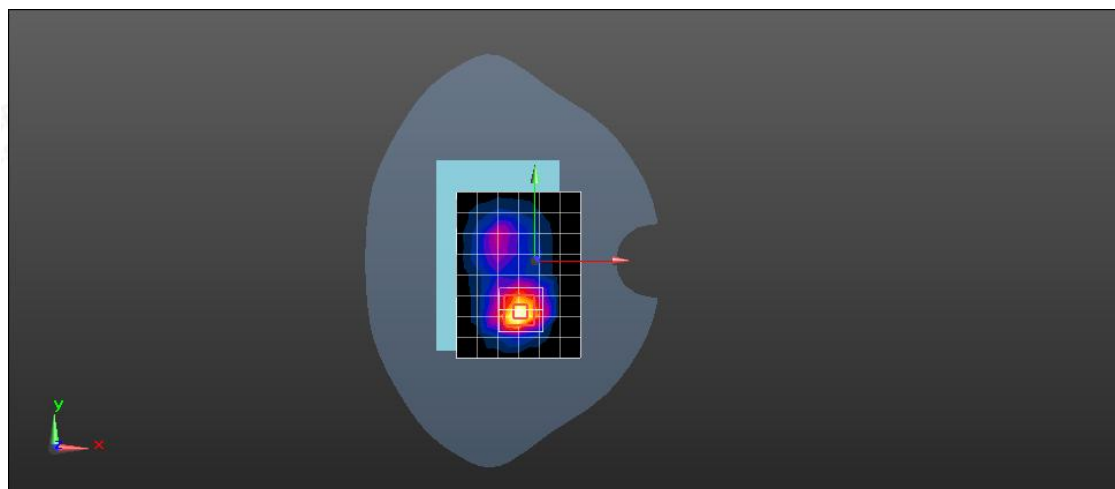
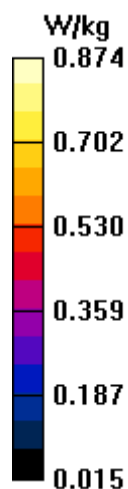
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.542 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 0.874 W/kg



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Scan code to check authenticity



Date: 2025/5/12

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Front side 0mm ANT1**DUT: Retro Handheld Game Console; Type: Retroid Pocket Flip 2; Serial: A250506030-1**

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

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.777 \text{ S/m}$; $\epsilon_r = 39.489$; $\rho = 1000 \text{ kg/m}^3$

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

Configuration/Unnamed procedure/Area Scan (9x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.952 W/kg

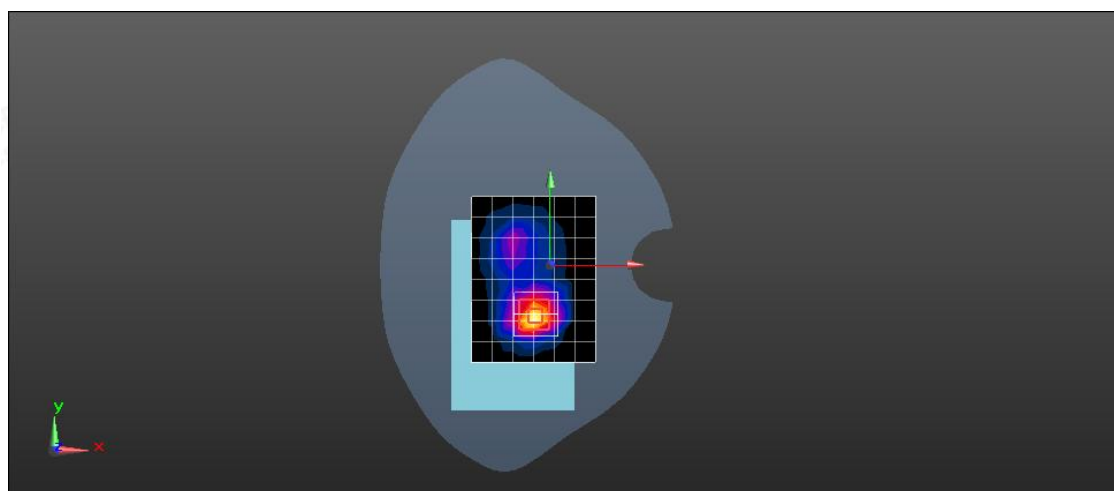
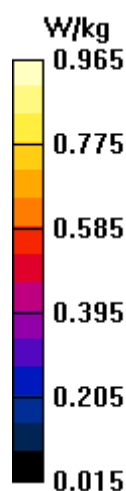
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.525 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 0.965 W/kg



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