

Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body





Date: 2025/5/16

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm**DUT: Retro Handheld Game Console ; Retroid Pocket Classic ; Serial: A250506030-1**

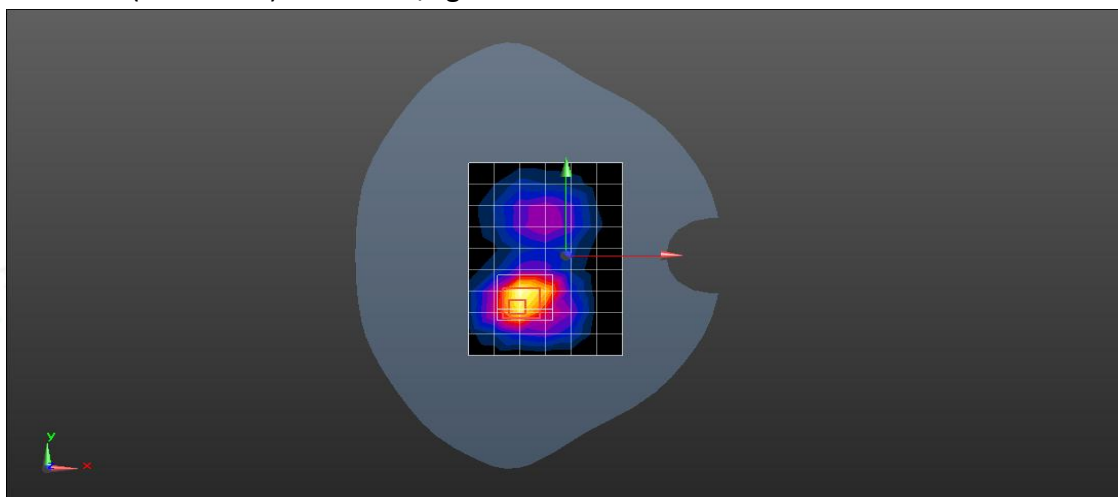
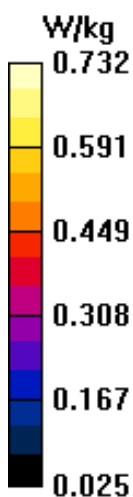
Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.008

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.751 \text{ S/m}$; $\epsilon_r = 40.685$ $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 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: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 0.758 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 = 6.125 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 9.98 W/kg **SAR(1 g) = 0.524 W/kg ; SAR(10 g) = 0.318 W/kg** Maximum value of SAR (measured) = 0.732 W/kg 

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