

# Appendix B

## Detailed Test Results

2.4G for Body



Test Laboratory: Test Laboratory: SGS-SAR Lab

## PWTX 2.4G FHSS 37CH Back side 0mm

**DUT: PWTX; Serial: 0324200079**

Communication System: UID 0, 2.4GHz (0); Frequency: 2478 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2478 \text{ MHz}$ ;  $\sigma = 1.876 \text{ S/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.45, 7.45, 7.45); Calibrated: 2023-12-14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (7x7x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (measured) =  $0.792 \text{ W/kg}$

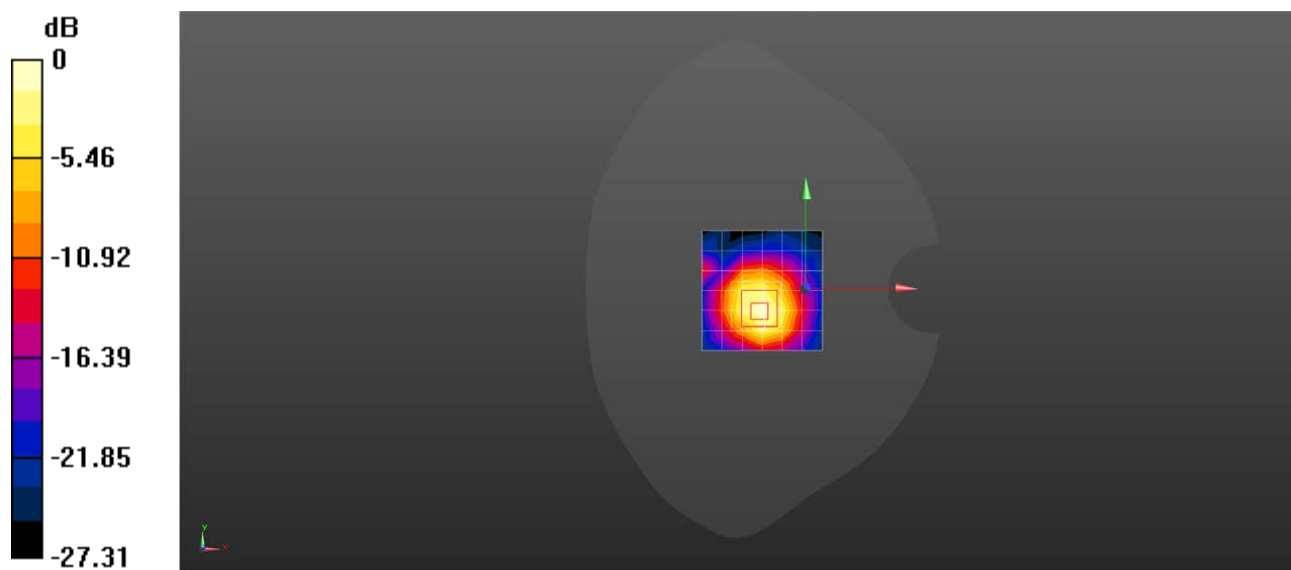
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.09 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$

Peak SAR (extrapolated) =  $1.04 \text{ W/kg}$

**SAR(1 g) =  $0.507 \text{ W/kg}$ ; SAR(10 g) =  $0.240 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.814 \text{ W/kg}$



0 dB =  $0.814 \text{ W/kg}$  =  $-0.89 \text{ dBW/kg}$

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Page: 3 of 3

- End of the Appendix -



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