



# Appendix B

## Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body



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Date: 2023/11/20

Test Laboratory: LCS-SAR Lab

## WIFI 2.4G 802.11b 1CH Rear side 0mm

**DUT: MOTO MINI ; Type: Diagnostic Tool; Serial: A10253098E-1**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1.003

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.792$  S/m;  $\epsilon_r = 38.748$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.321 W/kg

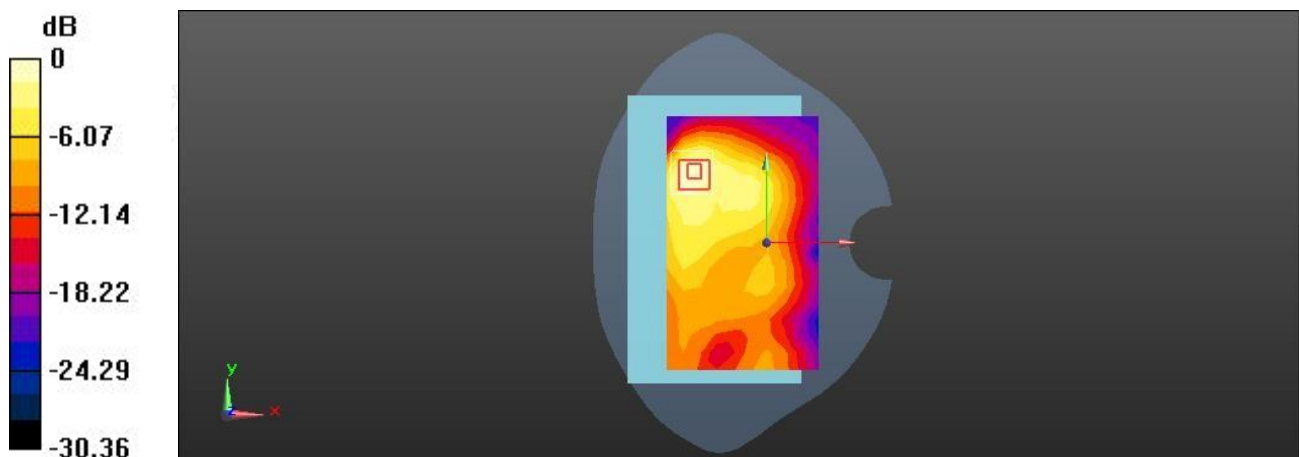
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.921 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg



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