



Appendix B

Detailed Test Results

1. WIFI

WIFI 2.4GHz for Body



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Date: 2023/10/27

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm Ant1**DUT: Diagnostic Tool; Type: DP55; Serial: A10233122-1**

Communication System: UID 0, WIFI 2.4GHz (0); Communication System Band: WIFI 2.4GHz; Frequency: 2412 MHz; Communication System PAR: 1.87 dB; PMF: 1.04833

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 38.797$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 11.0, 31.0$
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.721 W/kg

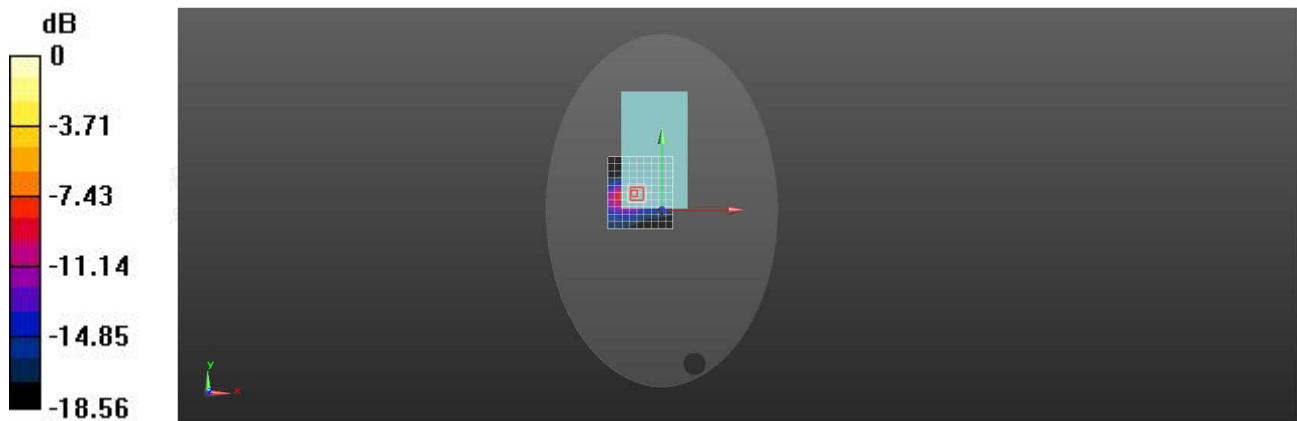
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.638 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 0.721 W/kg = -1.42 dBW/kg



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