



Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body





Date: 2024/12/02

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 6CH Bottom side 0mm**DUT: Diagnostic Tool; Type: DP800; Serial: A241127025-1**

Communication System: Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.009

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.77 \text{ S/m}$; $\epsilon_r = 39.324$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2024/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.889 W/kg

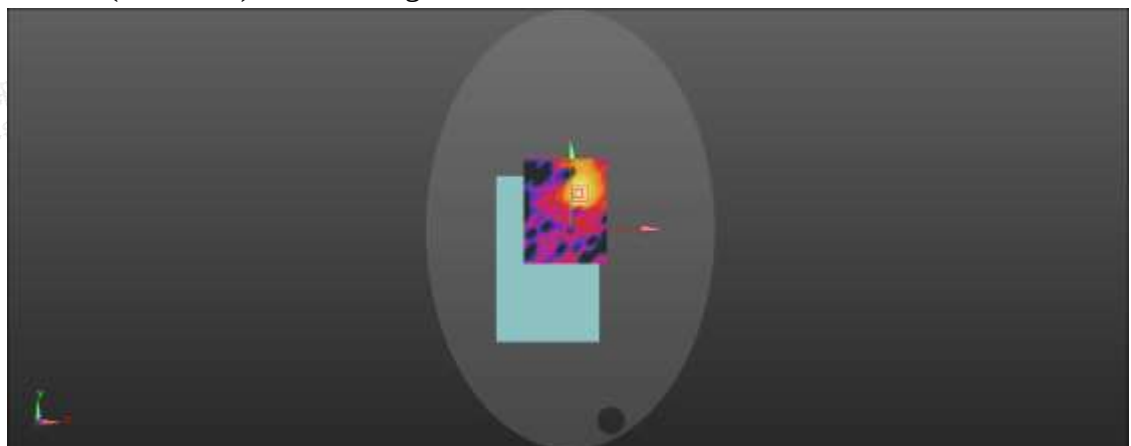
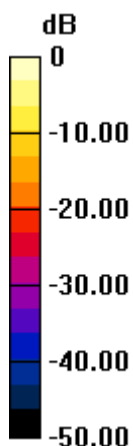
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.122 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.241 W/kg

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



0 dB = 1.05 W/kg = 0.21 dBW/kg



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Scan code to check authenticity



Date: 2024/12/04

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 48CH Bottom side 0mm**DUT: Diagnostic Tool; Type: DP800; Serial: A241127025-1**

Communication System: Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5240 MHz; Duty Cycle: 1:1.057

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.757 \text{ S/m}$; $\epsilon_r = 37.047$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2024/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.876 W/kg

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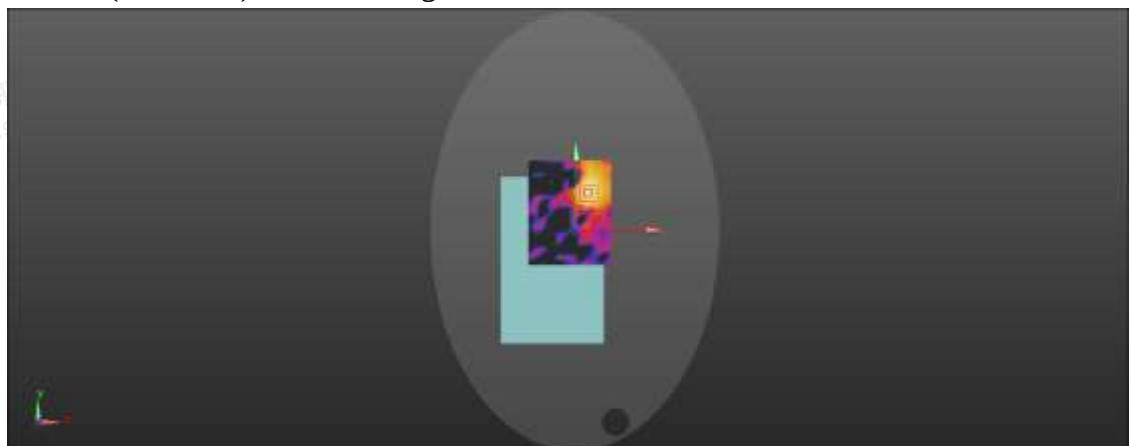
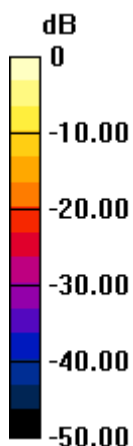
Configuration/Body/Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.066 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.885 W/kg



0 dB = 0.885 W/kg = -0.53 dBW/kg



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