



Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.8GHz for Body



Date: 2024/2/23

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 6CH Rear side 0mm**DUT: K160; Type: LAPTOP; Serial: A240124045-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.005

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.798$ S/m; $\epsilon_r = 39.262$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- 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=12mm, dy=12mm

Maximum value of SAR (measured) = 0.875 W/kg

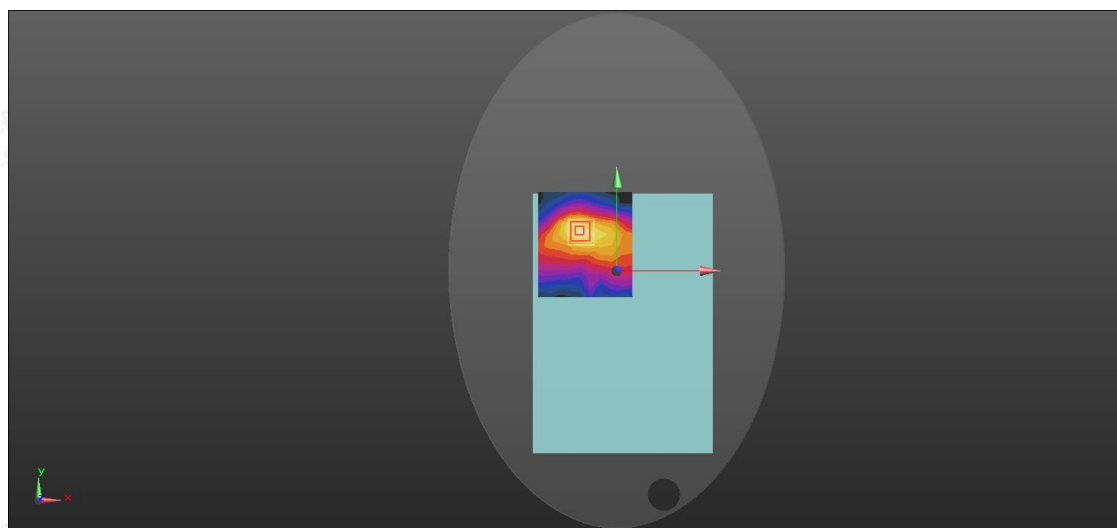
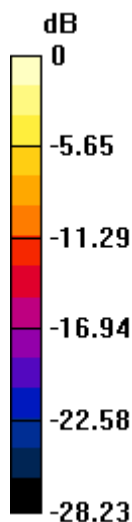
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.654 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg



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Scan code to check authenticity

Date: 2024/2/26

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Rear side 0mm**DUT: K160; Type: LAPTOP; Serial: A240124045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.032

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.619 \text{ S/m}$; $\epsilon_r = 35.91$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.532 W/kg

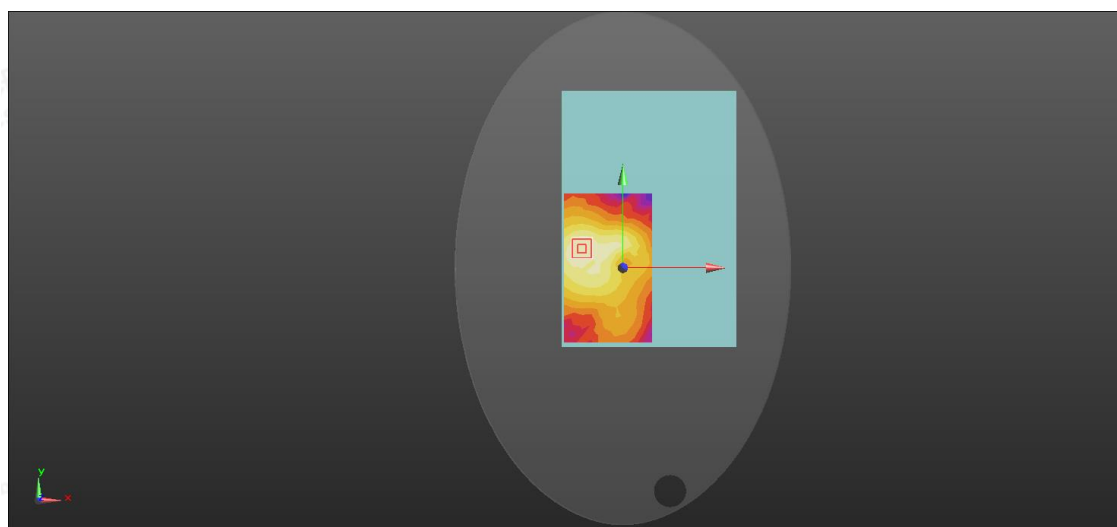
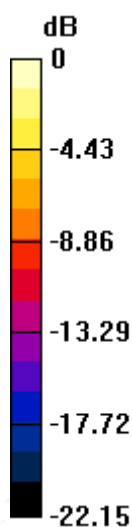
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.5120 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.752 W/kg



0 dB = 0.532 W/kg = -2.74 dBW/kg



Date: 2024/2/27

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 157CH Rear side 0mm**DUT: K160; Type: LAPTOP; Serial: A240124045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1.032

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.18 \text{ S/m}$; $\epsilon_r = 35.529$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.88, 4.88, 4.88); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.843 W/kg

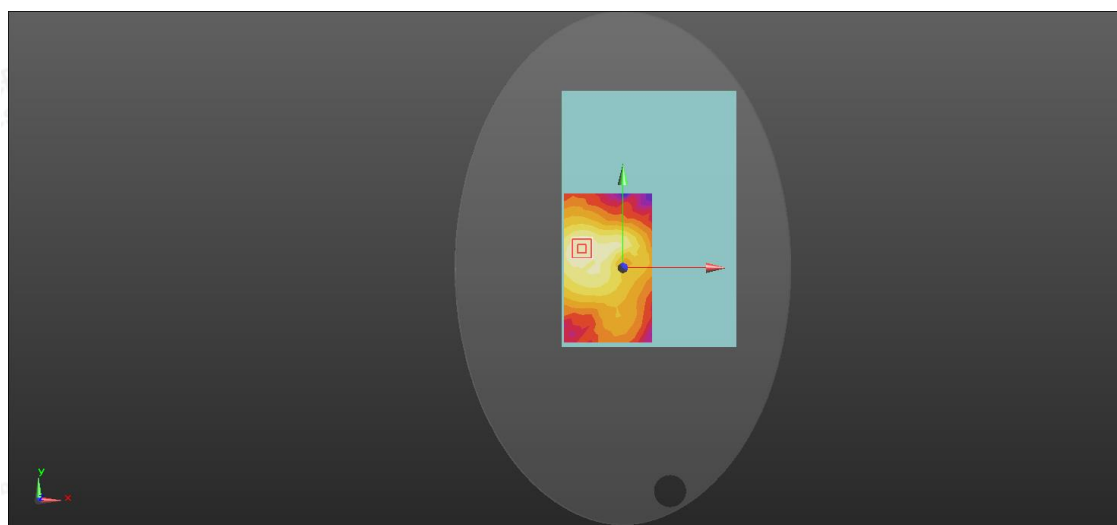
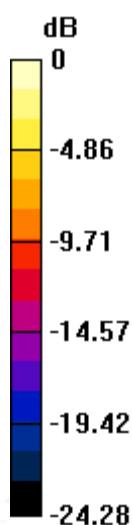
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919 W/kg = -0.37 dBW/kg

