



Appendix B

Detailed Test Results

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



Date: 2024/6/12

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11g 6CH Rear side 0mm**DUT: Notebook computer; Type: N16U2-AN; Serial: A240607086-1**

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

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.775 \text{ S/m}$; $\epsilon_r = 39.246$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.962 W/kg

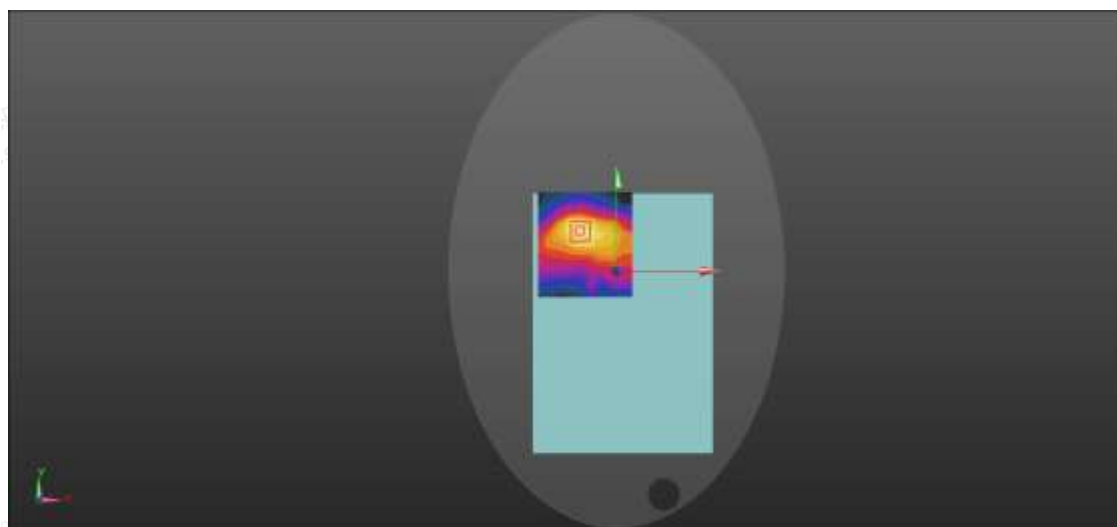
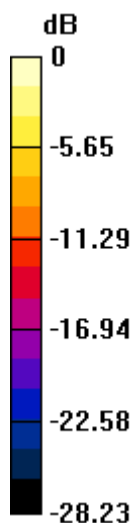
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.644 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.246 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: 2024/6/17

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11n40 46CH Rear side 0mm**DUT: Notebook computer; Type: N16U2-AN; Serial: A240607086-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230 \text{ MHz}$; $\sigma = 4.624 \text{ S/m}$; $\epsilon_r = 35.914$; $\rho = 1000 \text{ kg/m}^3$

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 (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.596 W/kg

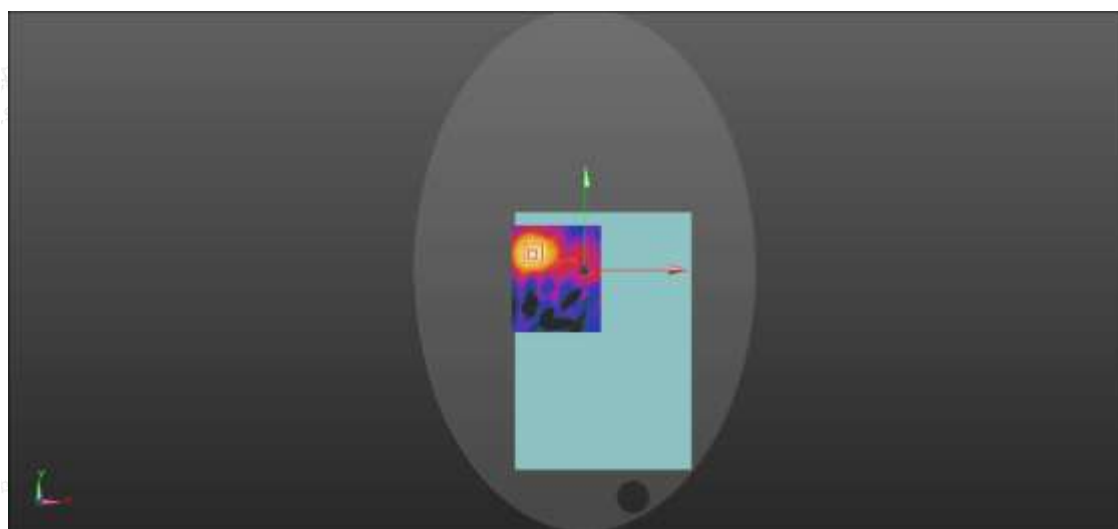
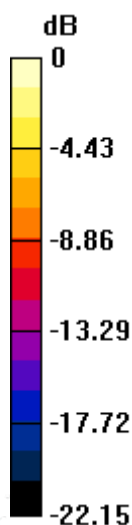
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.5131 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.038 W/kg

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



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



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Date: 2024/6/17

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11n 149CH Rear side 0mm**DUT: Notebook computer; Type: N16U2-AN; Serial: A240607086-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.182 \text{ S/m}$; $\epsilon_r = 35.536$; $\rho = 1000 \text{ kg/m}^3$

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 (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.852 W/kg

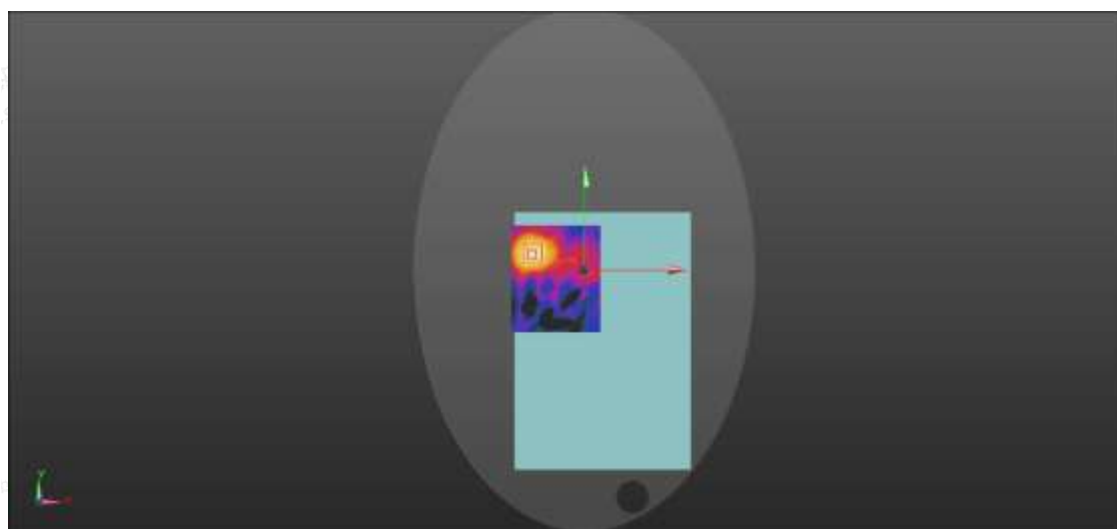
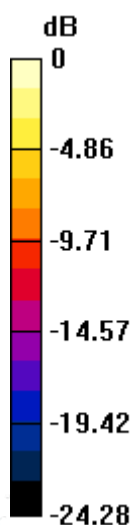
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.146 W/kg

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



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



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