



Appendix B

Detailed Test Results

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



Date: 2024/1/13

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 11CH Rear side 0mm**DUT: HT14CB10502BK; Type: Hyundai Notebook; Serial: A231223020-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2462 MHz; Duty Cycle: 1:1.031

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 38.99$; $\rho = 1000$ 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/Unnamed procedure/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.999 W/kg

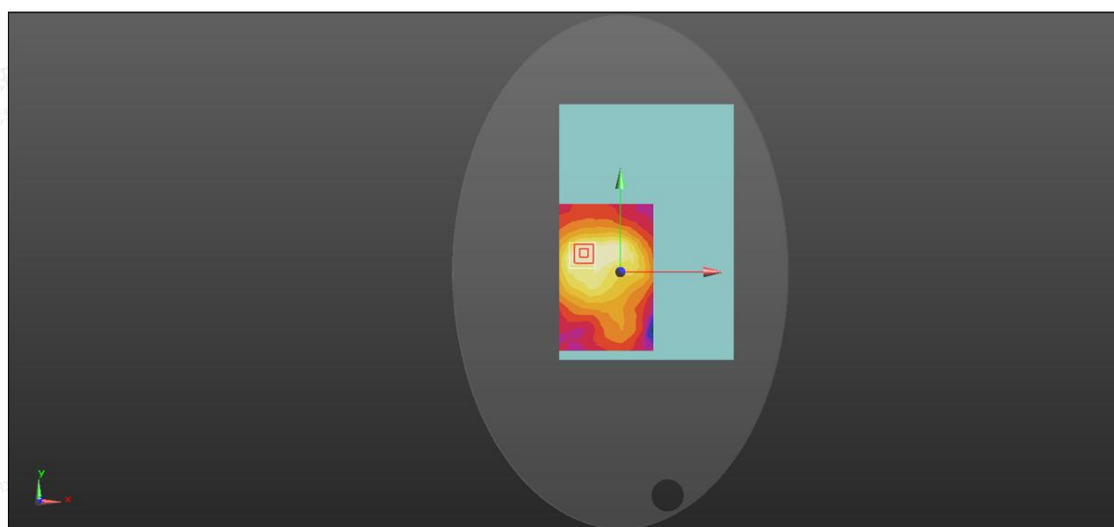
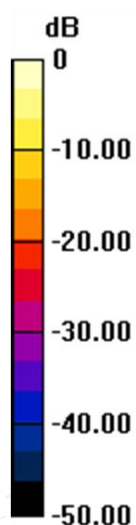
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.305 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 dBW/kg



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Scan code to check authenticity

Date: 2024/1/16

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Rear side 0mm**DUT: HT14CB10502BK; Type: Hyundai Notebook; Serial: A231223020-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1.033

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.618$ S/m; $\epsilon_r = 35.674$; $\rho = 1000$ kg/m³

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=10mm, dy=10mm

Maximum value of SAR (measured) = 0.371 W/kg

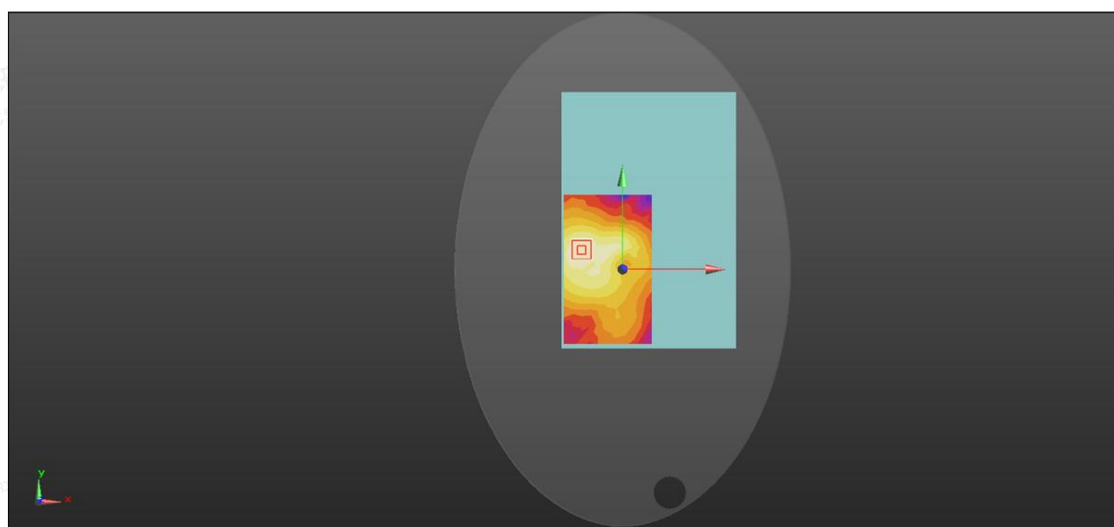
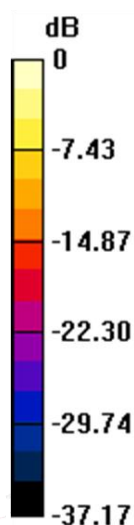
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.435 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.123 W/kg

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



0 dB = 0.321 W/kg = -4.93 dBW/kg



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Date: 2024/1/16

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 165CH Rear side 0mm**DUT: HT14CB10502BK; Type: Hyundai Notebook; Serial: A231223020-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.033

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.365 \text{ S/m}$; $\epsilon_r = 35.546$; $\rho = 1000 \text{ kg/m}^3$

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

Maximum value of SAR (measured) = 0.262 W/kg

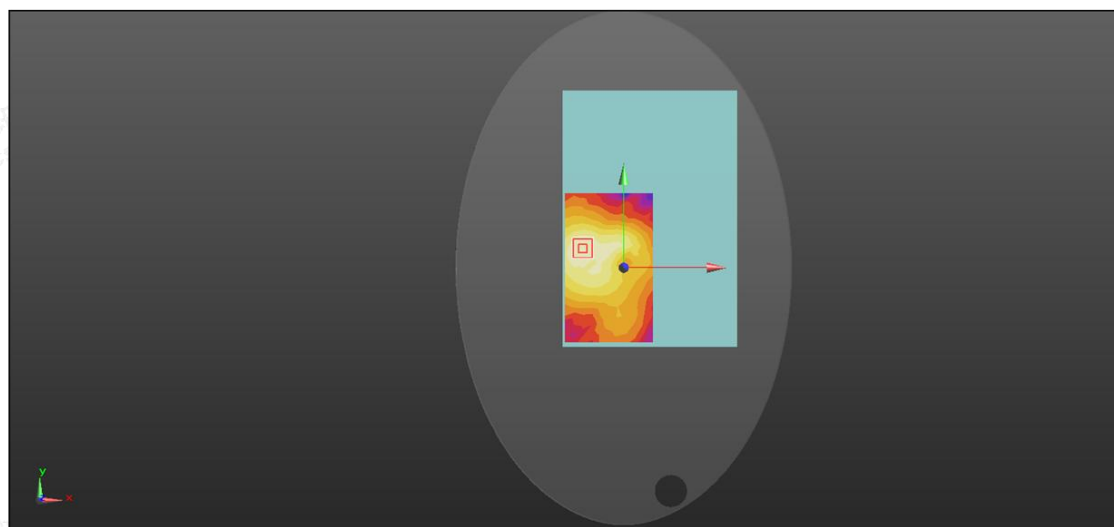
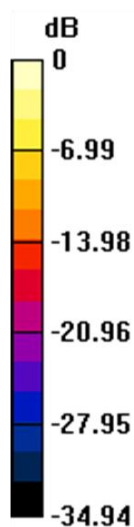
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.760 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg



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